

# ATF 600G-8

600 TON MAX. LIFTING CAPACITY

EUROMOT 4

# ALL TERRAIN CRANE



**PRELIMINARY**

**2 ENGINES**

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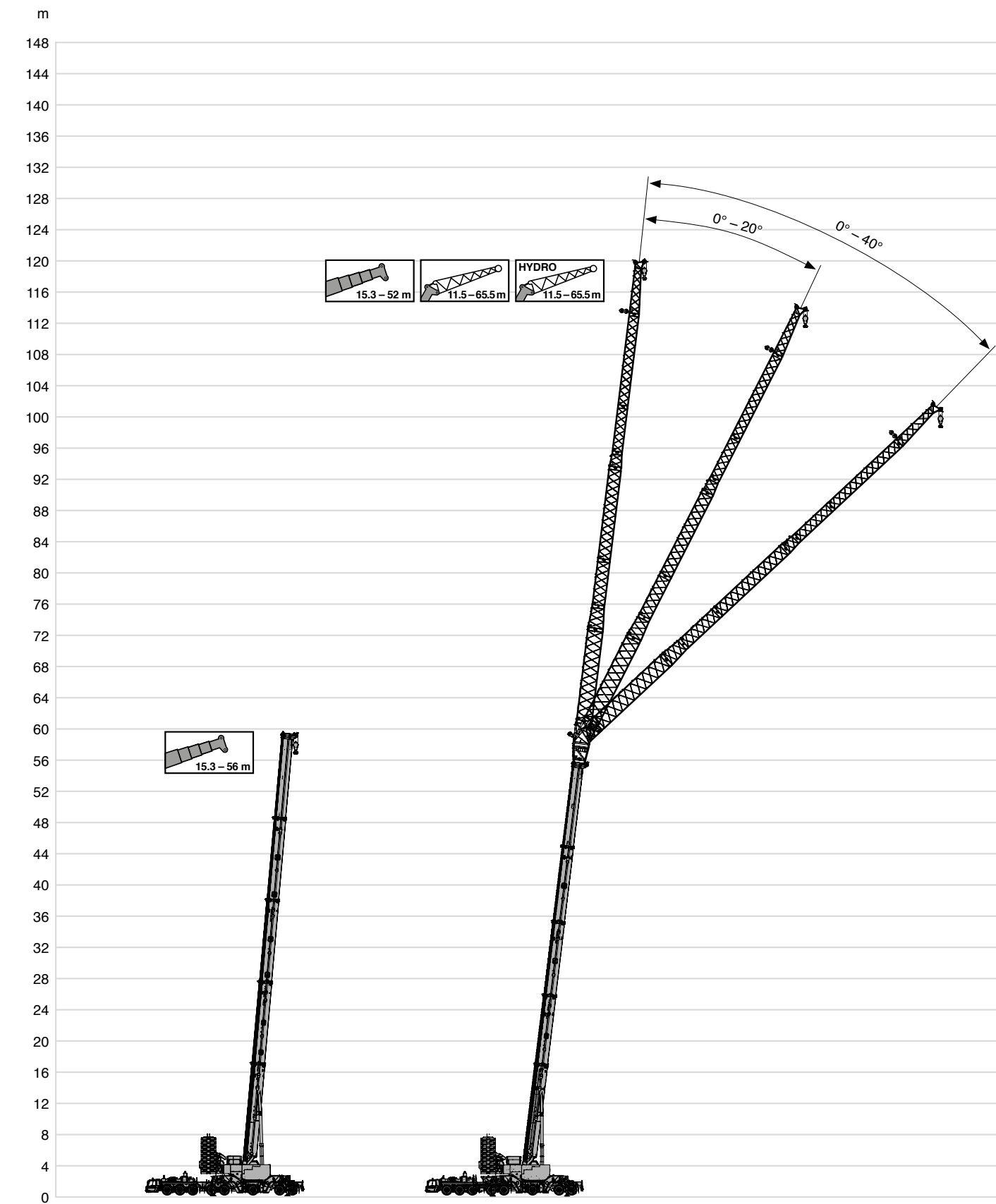
# GENERAL TECHNICAL DATA

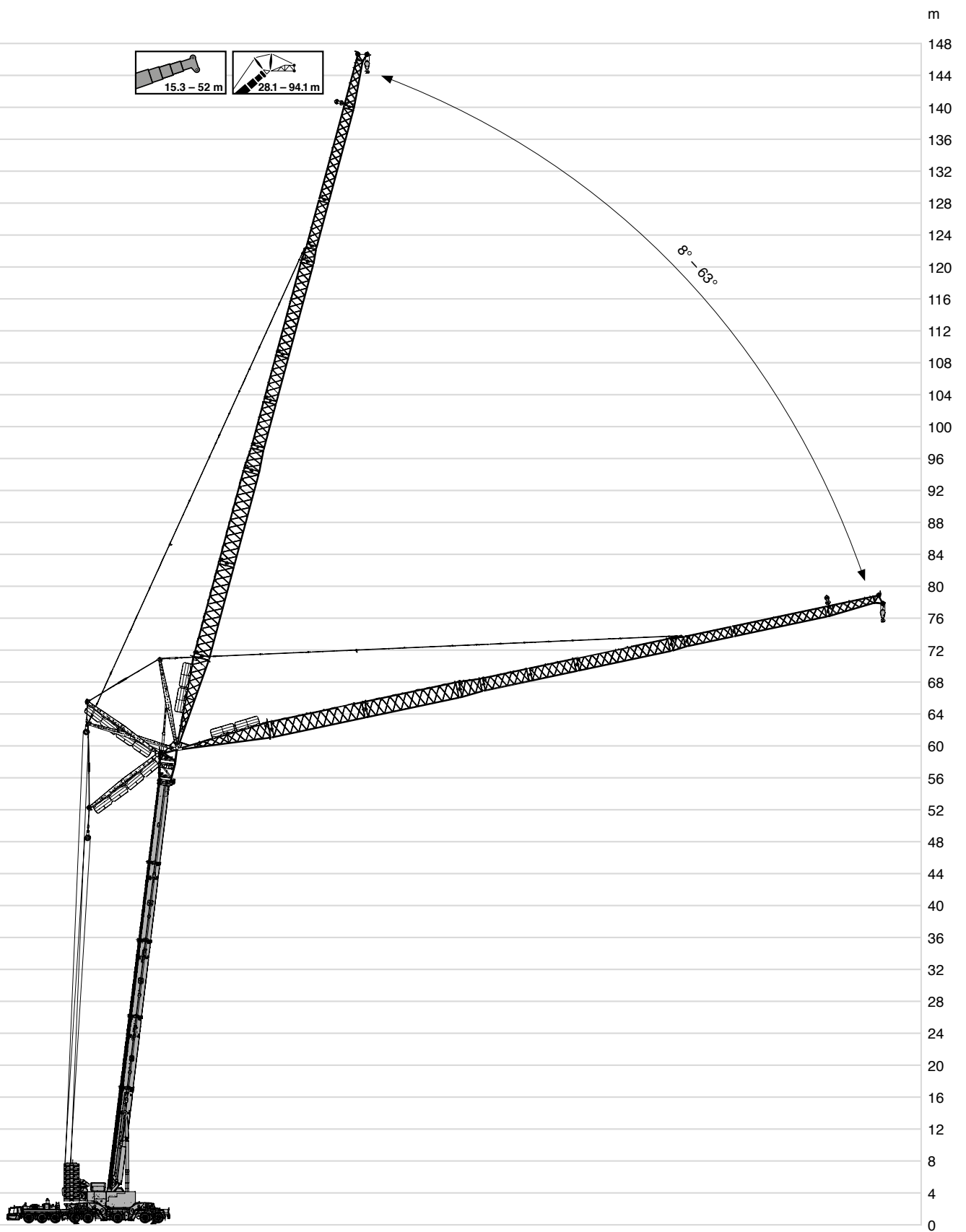
ALLGEMEINE TECHNISCHE DATEN  
CARACTÉRISTIQUES TECHNIQUES GÉNÉRALES  
DATOS TÉCNICOS GENERALES  
DATI TECNICI GENERALI  
ОБЩИЕ ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ



General · Allgemein · Généralités  
Generalidades · Generalità · Общие положения

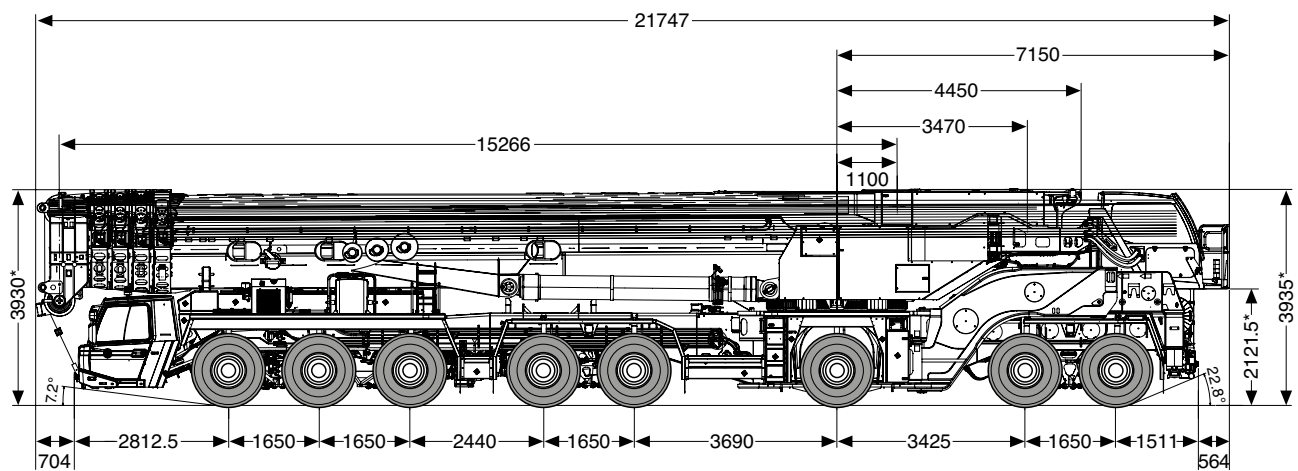
Boom systems · Auslegersysteme · Systèmes de flèche  
Sistema de pluma · Sistemi di bracci · Конфигурации стрелы



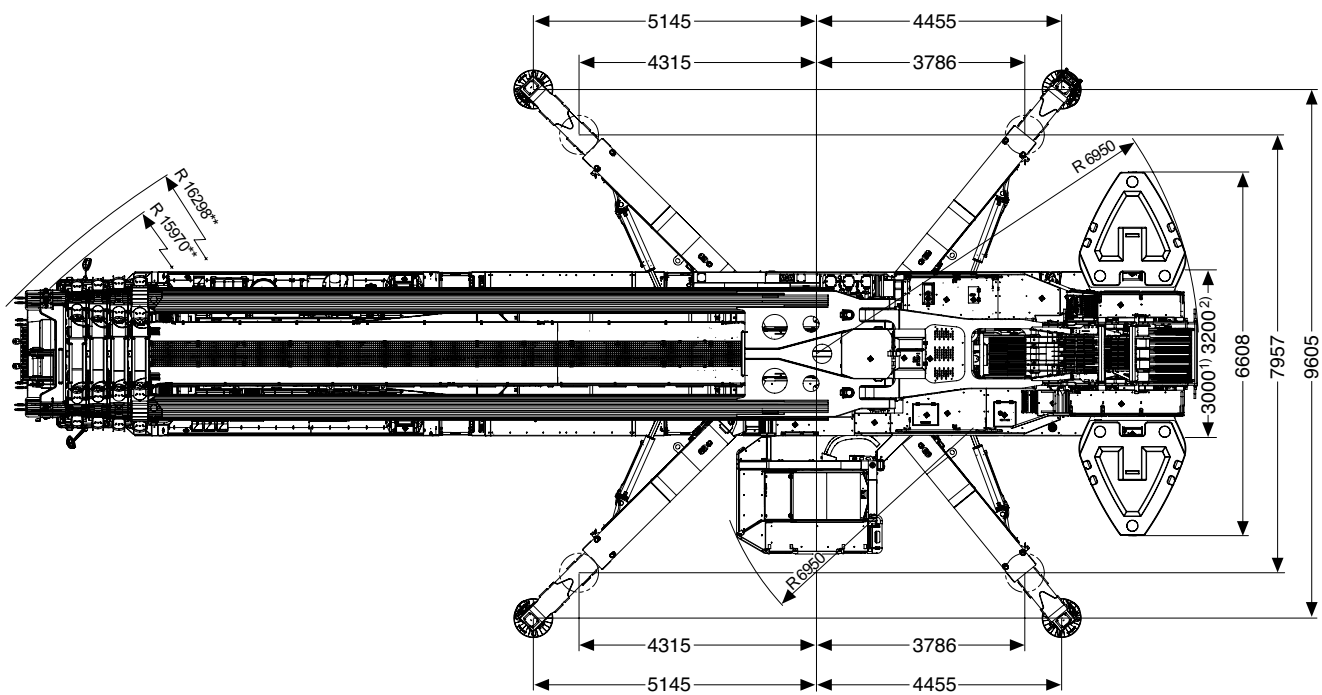


Generalidades · Generalità · Общие положения

Dimensiones del vehículo · Dimensioni veicolo · Габариты машины



- 118



**\*\* Minimum · minimum · mínimo · mínimo · мінімальны**

- 1) 385/95 R 25 (14.00 R 25)  
2) 445/95 R 25 (16.00 R 25)  
525/80 R 25 (20.5 R 25)

# TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING

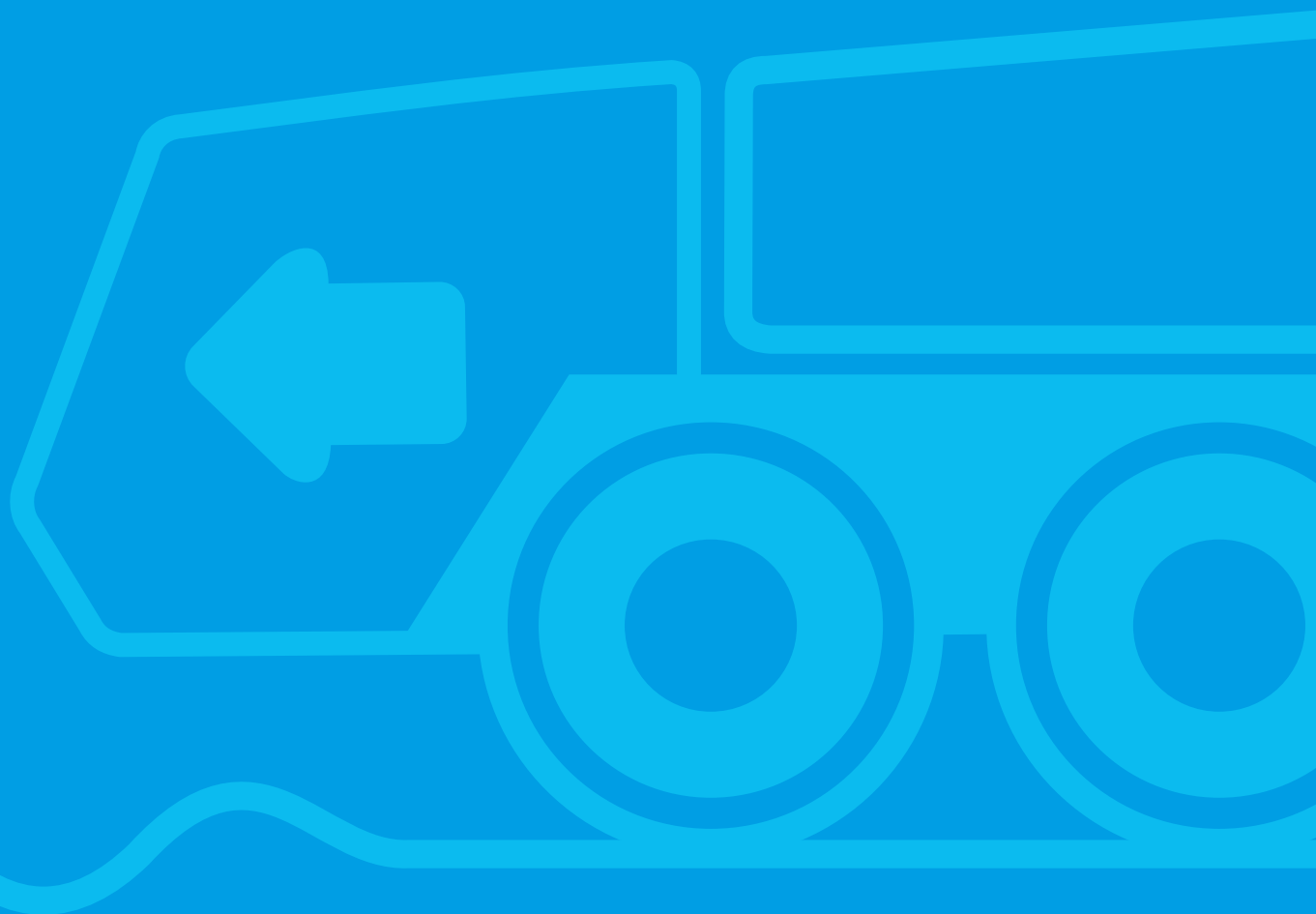
TECHNISCHE DATEN FÜR DIE STRASSEN- UND GELÄNDEFAHRT

CARACTÉRISTIQUES TECHNIQUES POUR MARCHE ROUTE ET TOUT TERRAIN

DATOS TÉCNICOS PARA SU TRASLADO POR CARRETERA Y TODO TERRENO

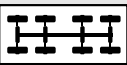
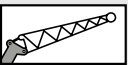
DATI TECNICI PER MARCIA SU STRADA E FUORI STRADA

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ ПРИ ДВИЖЕНИИ ПО ДОРОГАМ И БЕЗДОРОЖЬЮ



On-road and off-road driving · Straßen- und Geländefahrt · Marche route et tout terrain  
Traslado por carretera y todoterreno · Marcia su strada e fuori strada  
Движение по дорогам и бездорожью

Axle loads · Achslasten · Charges par essieu  
Cargas por eje · Carichi assiali · Нагрузка на ось

|  | TOTAL        |  |  | TYPE |  |  |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ≤ 12 t                                                                            | 96.0 t ***   | 16 x 8                                                                            | 385/95 R 25                                                                       | -    | -                                                                                   | 0 t                                                                                 |
| ≤ 16.5 t                                                                          | 103.5 t **** | 16 x 8                                                                            | 385/95 R 25                                                                       | -    | -                                                                                   | 0 t                                                                                 |
| max **                                                                            | 243.5 t      | 16 x 8                                                                            | 385/95 R 25                                                                       | 50   | -                                                                                   | 140.0 t                                                                             |

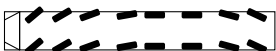
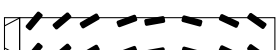
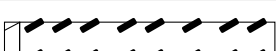
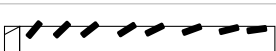
*\* Axle loads vary depending on equipment mounted. Individual calculation available on demand. · Achslasten variieren je nach Ausrüstungsumfang. Individuelle Berechnung auf Anfrage.*  
*Las cargas por ejes pueden variar según el equipamiento. Cálculo individual sobre pedido. · Les charges par essieux peuvent varier en fonction de l'équipement monté. Calcul individuel sur demande.*  
*I carichi degli assi variano in base all'entità dell'equipaggiamento. Calcolo individuale su richiesta. · Нагрузка на оси зависит от установленного оборудования. Индивидуальный расчет по запросу.*

*\*\* Construction site · Baustelle · Chantier de construction · Obra · Cantiere · стройплощадка*  
*\*\*\* Front outriggers removed · Vordere Abstützung demontiert · Outrigger AV démonté · Estabilizadores delanteros desmontados · Stabilizzazione anteriore smontata · передние аутризеры демонтированы*  
*\*\*\*\* With front and rear outriggers · Mit vorderer und hinterer Abstützung · Avec outriggers AV et AR · Con estabilizadores delanteros y traseros · Con stabilizzazione anteriore e posteriore*  
*с передними и задними аутризерами*

Speeds and gradeability · Geschwindigkeiten und Steigfähigkeit · Vitesses de conduite et gravisement de pente  
Velocidades y pendientes superables · Velocità e pendenza · Скорость и грузоподъемность

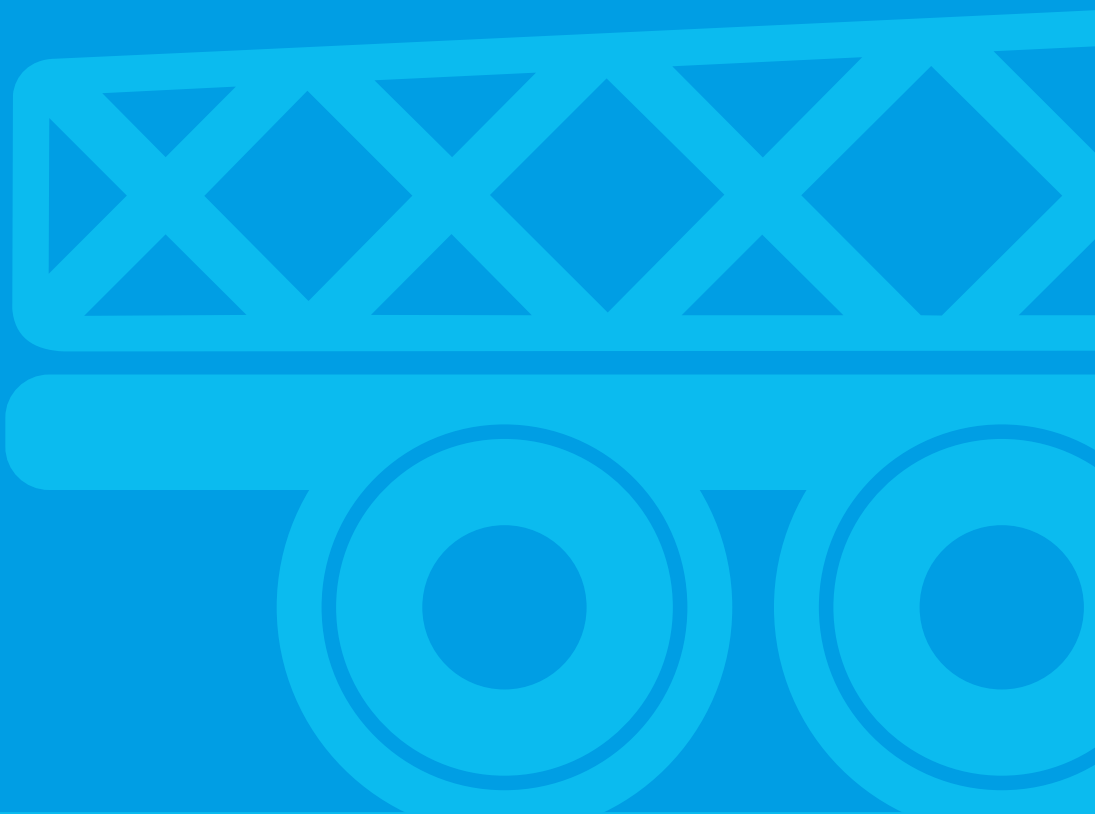
|  |   |   |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 385/95 R 25                                                                       | 85 km/h max.                                                                                                                                                        | 46.3 %                                                                                                                                                                  |
| 445/95 R 25                                                                       | 85 km/h max.                                                                                                                                                        | 41.7 %                                                                                                                                                                  |

Steering · Lenkung · Direction  
Dirección · Sterzo · Рулевое управление

|                                                                                     |                                                                                     |                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | v < 25 km/h                                                                                                                                                                                                                        |
|                                                                                     |  | v ≥ 25 km/h                                                                                                                                                                                                                        |
|                                                                                     |  | v > 50 km/h                                                                                                                                                                                                                        |
|  |  | Manual steering · Manuelle Lenkung · Direction manuelle<br>Dirección manual · Sterzo manuale · Ручное управление                                                                                                                   |
|                                                                                     |  | Smallest turning circle · Kleinster Wendekreis · Rayon de braquage mini.<br>Mínimo radio · Raggio di sterzata minimo · Минимальный радиус поворота                                                                                 |
|                                                                                     |  | Diagonal steering · Hundegang · Marche en crabe<br>Marcha cangrejo · Sterzata carrello · Движение по диагонали                                                                                                                     |
|                                                                                     |  | Rear veering suppression · Heck-Ausscher-Unterdrückung<br>Suppression de déboîtement AR · Supresión de movimiento transversal de parte posterior<br>Soppressione oscillazione coda veicolo · Компенсация выноса задней части крана |

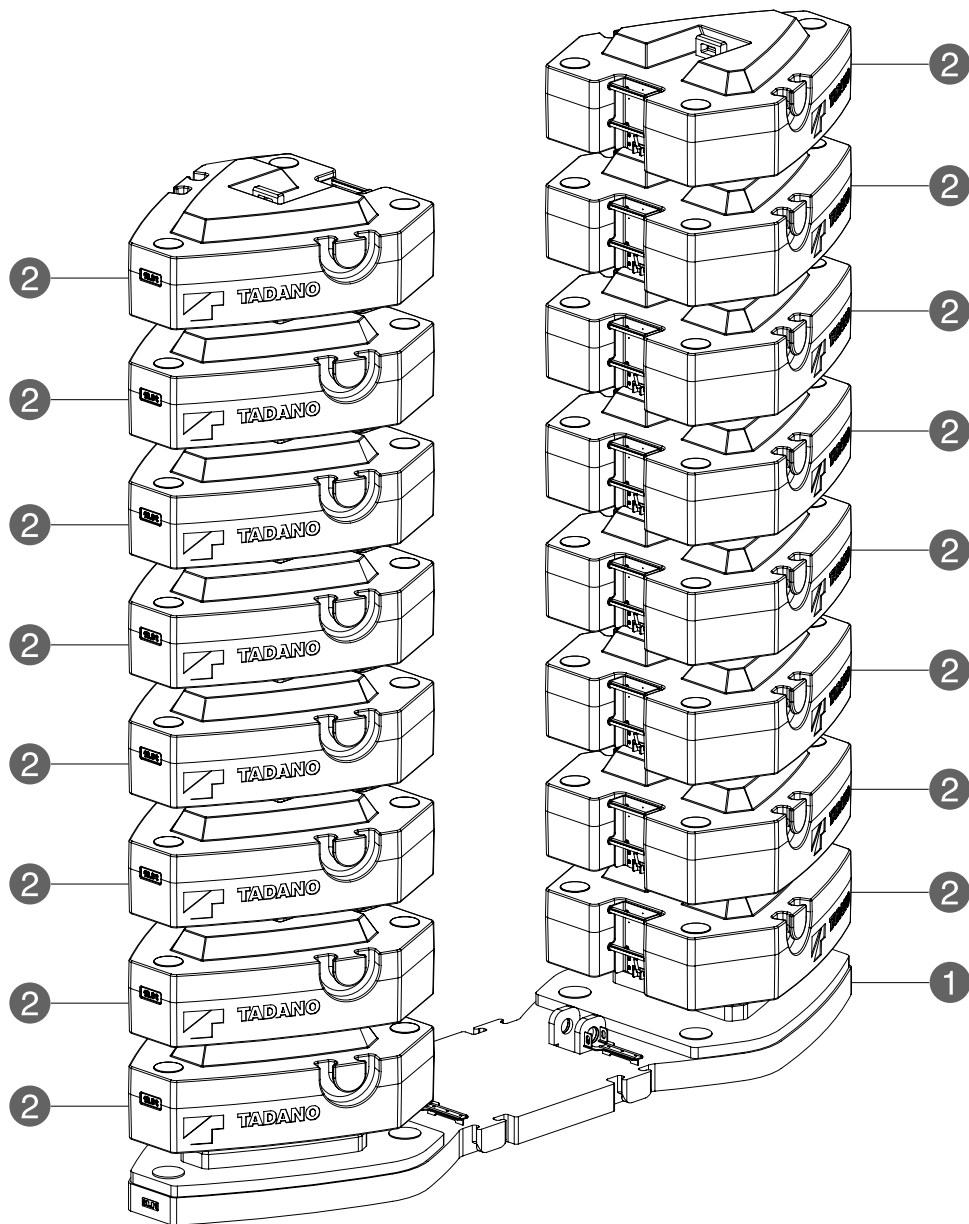
# TECHNICAL DATA FOR TRANSPORT

TECHNISCHE DATEN FÜR DEN TRANSPORT  
CARACTÉRISTIQUES TECHNIQUES POUR LE TRANSPORT  
DATOS TÉCNICOS PARA EL TRANSPORTE  
DATI TECNICI PER IL TRASPORTO  
ТЕХНИЧЕСКИЕ ДАННЫЕ ДЛЯ ТРАНСПОРТИРОВКИ



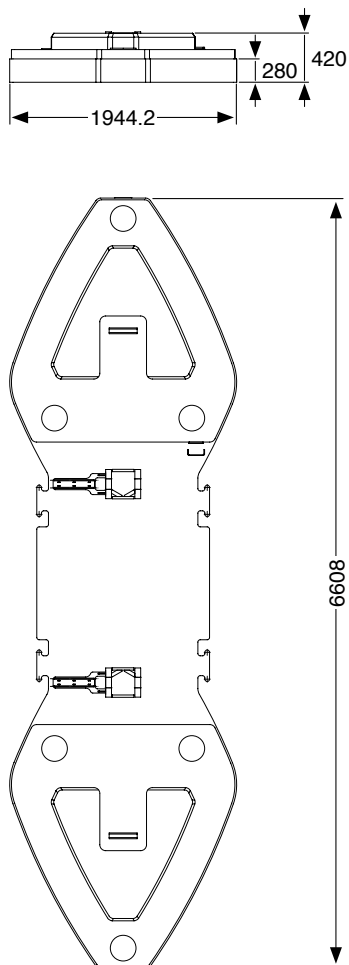
Transport · Transporte  
 Trasporto · Транспортировка

Counterweight · Gegengewicht · Contrepoids  
 Contrapeso · Contrappeso · Противовес

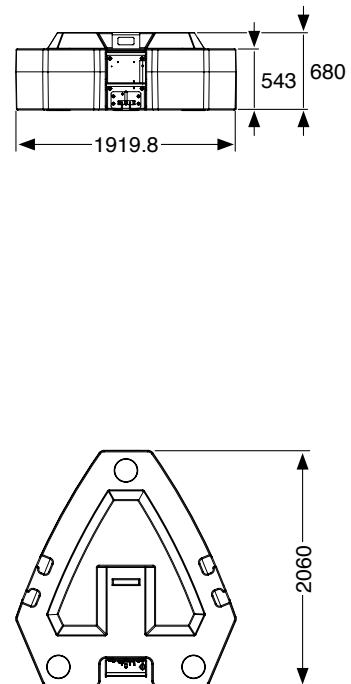


| <div> <div></div> <div></div> </div> |        | 20 t | 40 t | 60 t | 80 t | 100 t | 120 t | 140 t | 160 t | 180 t |
|--------------------------------------|--------|------|------|------|------|-------|-------|-------|-------|-------|
| 1                                    | 20.0 t | 1    | 1    | 1    | 1    | 1     | 1     | 1     | 1     | 1     |
| 2                                    | 10.0 t | -    | 2    | 4    | 6    | 8     | 10    | 12    | 14    | 16    |

1



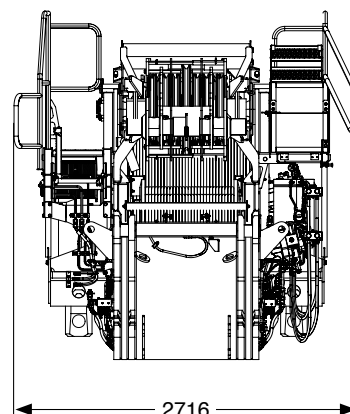
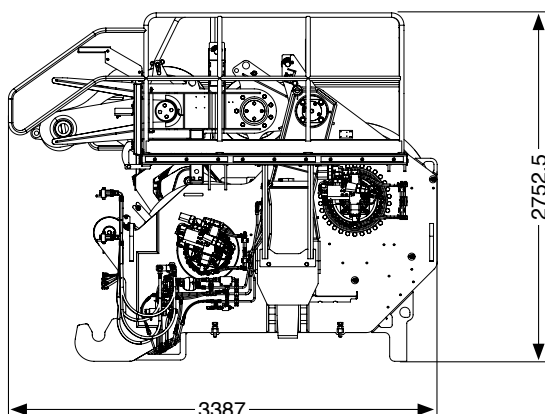
2



Carrier counterweight · Gegengewichtsträger · Porte-contrepoids  
Depósito del contrapeso · Supporto contrappeso · Держатель противовеса



14263\*

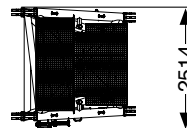
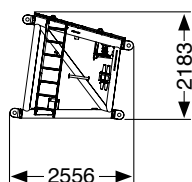


\* with 2<sup>nd</sup> and 3<sup>rd</sup> winch, setup winch and pulley carrier · mit 2. und 3. Winde, Rüstwinde und Rollenträger · avec 2ème et 3ème treuil, treuil de montage et porte-poulie  
con 2° y 3° cabrestante, cabrestante de montaje y portapoleas · con 2° e 3° argano, argano di riserva e portarullo · со 2-й и 3-й лебёdkами, монтажной лебёdkой и держателем роликов

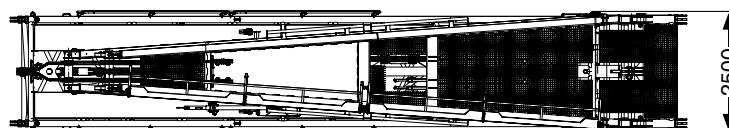
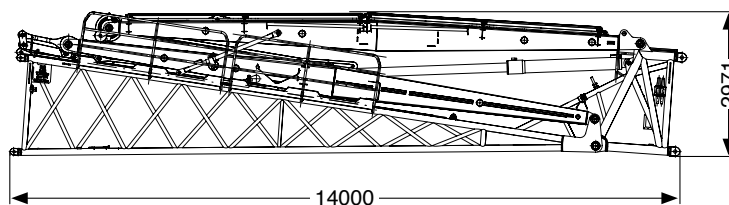
Jibs · Spitzen · Fléchettes  
Plumines · Punte · гусек

|                                                                                                                                                                                                                                       | <div><div>m</div></div> | <div><div></div></div>                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------|
| <div><div><br/>11.5 – 65.5 m</div><div><br/>11.5 – 65.5 m</div></div> | 3 m + 8.5 m             | 1 + 13 + 5 + 8 + 12                             |
|                                                                                                                                                                                                                                       | 3 m + 14.5 m            | 1 + 13 + 5 + 8 + 11                             |
|                                                                                                                                                                                                                                       | 3 m + 20.5 m            | 1 + 13 + 5 + 6 + 8 + 11                         |
|                                                                                                                                                                                                                                       | 3 m + 26.5 m            | 1 + 13 + 3 + 5 + 8 + 11                         |
|                                                                                                                                                                                                                                       | 3 m + 32.5 m            | 1 + 13 + 3 + 5 + 6 + 8 + 11                     |
|                                                                                                                                                                                                                                       | 3 m + 38.5 m            | 1 + 13 + 3 + 5 + 7 + 8 + 11                     |
|                                                                                                                                                                                                                                       | 3 m + 44.5 m            | 1 + 13 + 3 + 5 + 6 + 7 + 8 + 11                 |
|                                                                                                                                                                                                                                       | 3 m + 50.5 m            | 1 + 13 + 3 + 5 + 6 + 7 + 8 + 9 + 11             |
|                                                                                                                                                                                                                                       | 3 m + 56.5 m            | 1 + 13 + 3 + 5 + 6 + 7 + 8 + 10 + 11            |
|                                                                                                                                                                                                                                       | 3 m + 62.5 m            | 1 + 13 + 3 + 5 + 6 + 7 + 8 + 9 + 10 + 11        |
| <div><br/>28.1 – 94.1 m</div>                                                                                                                       | 4.1 m + 24 m            | 1 + 2 + 5 + 6 + 8 + 12                          |
|                                                                                                                                                                                                                                       | 4.1 m + 30 m            | 1 + 2 + 3 + 5 + 8 + 12                          |
|                                                                                                                                                                                                                                       | 4.1 m + 36 m            | 1 + 2 + 3 + 5 + 6 + 8 + 12                      |
|                                                                                                                                                                                                                                       | 4.1 m + 42 m            | 1 + 2 + 3 + 5 + 7 + 8 + 12                      |
|                                                                                                                                                                                                                                       | 4.1 m + 48 m            | 1 + 2 + 3 + 5 + 7 + 8 + 11                      |
|                                                                                                                                                                                                                                       | 4.1 m + 54 m            | 1 + 2 + 3 + 4 + 5 + 6 + 8 + 11                  |
|                                                                                                                                                                                                                                       | 4.1 m + 60 m            | 1 + 2 + 3 + 4 + 5 + 7 + 8 + 11                  |
|                                                                                                                                                                                                                                       | 4.1 m + 66 m            | 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 11              |
|                                                                                                                                                                                                                                       | 4.1 m + 72 m            | 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 11          |
|                                                                                                                                                                                                                                       | 4.1 m + 78 m            | 1 + 2 + 3 + 4 + 5 + 6 + 6 + 7 + 8 + 9 + 11      |
|                                                                                                                                                                                                                                       | 4.1 m + 84 m            | 1 + 2 + 3 + 4 + 5 + 6 + 6 + 7 + 8 + 10 + 11     |
|                                                                                                                                                                                                                                       | 4.1 m + 90 m            | 1 + 2 + 3 + 4 + 5 + 6 + 6 + 7 + 8 + 9 + 10 + 11 |

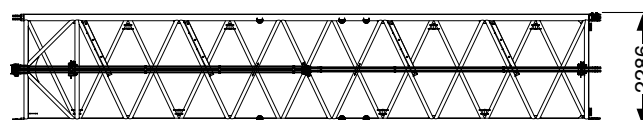
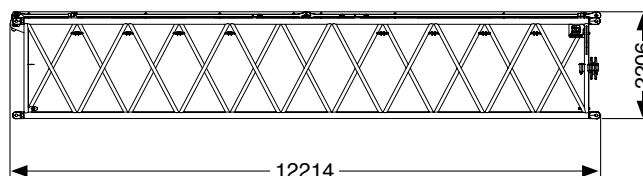
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2  10700



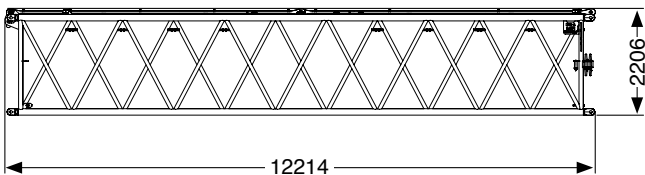
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4



2758



5



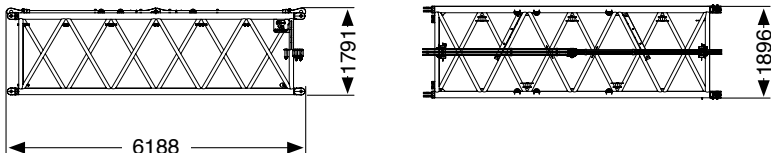
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6



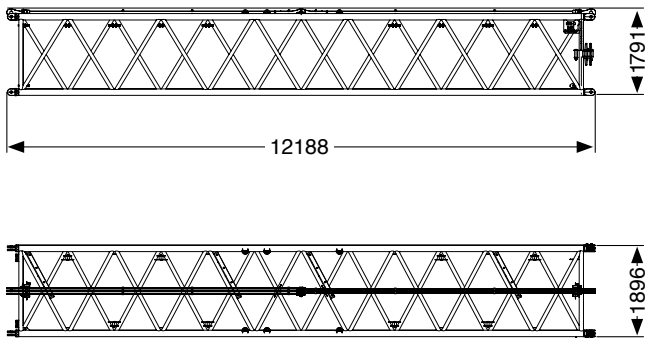
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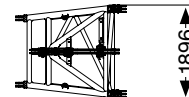
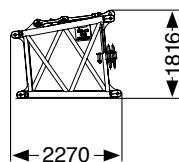
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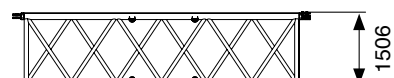
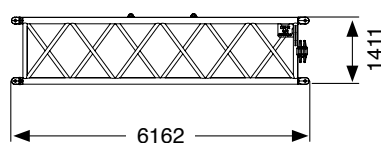
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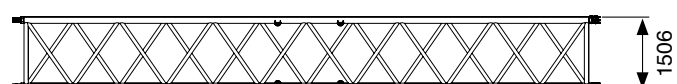
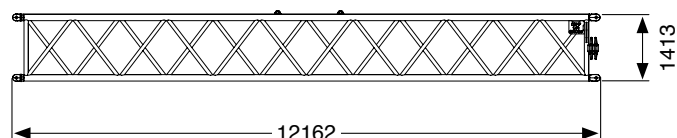
8   
972



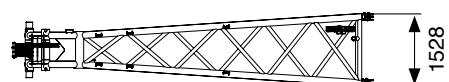
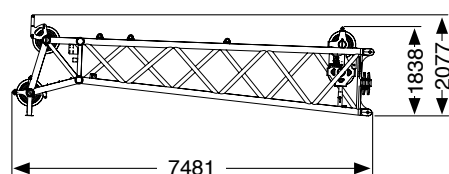
9   
1076



10   
1609



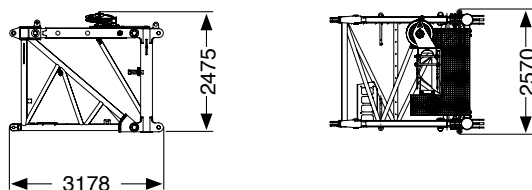
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1500



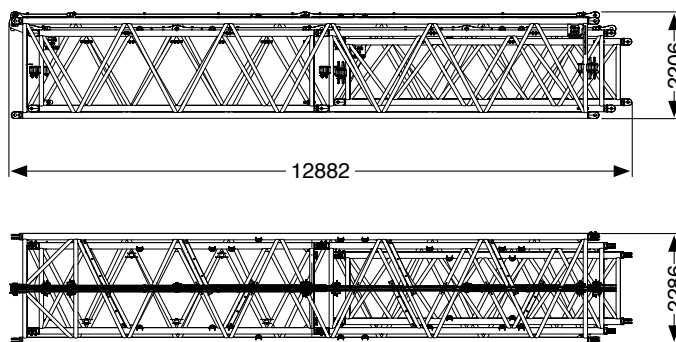
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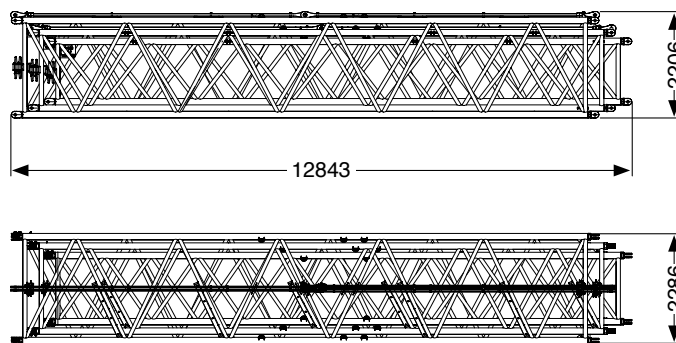
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2711



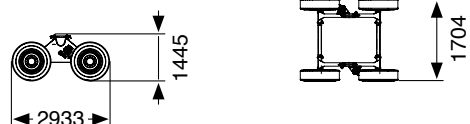
3 + 6 + 6 + 9   
6261



4 + 7 + 10   
6322



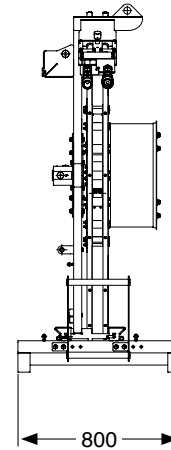
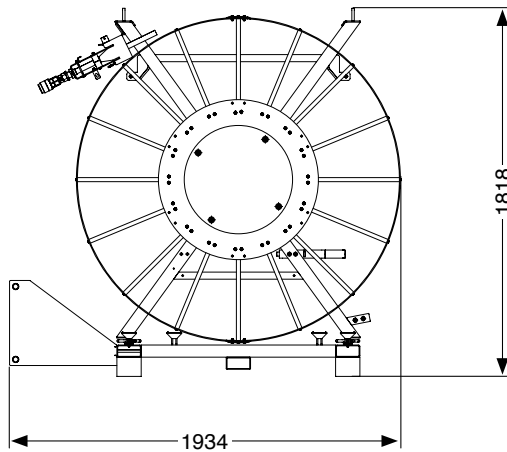
  
430



Hose drum for hydraulic jib · Schlauchtrommel für hydraulische Spitze · Tambour de flexible pour fléchette hydraulique  
Devanadera para plumin hidráulico · Aspo raccoglirubbo per punta idraulica · Барабан для намотки шланга для гидравлического гуська



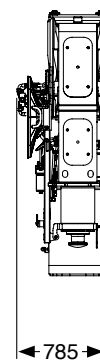
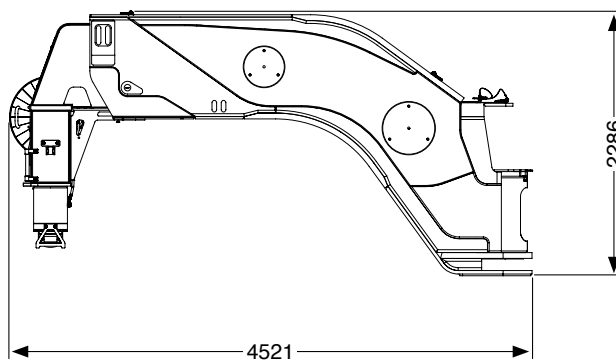
352

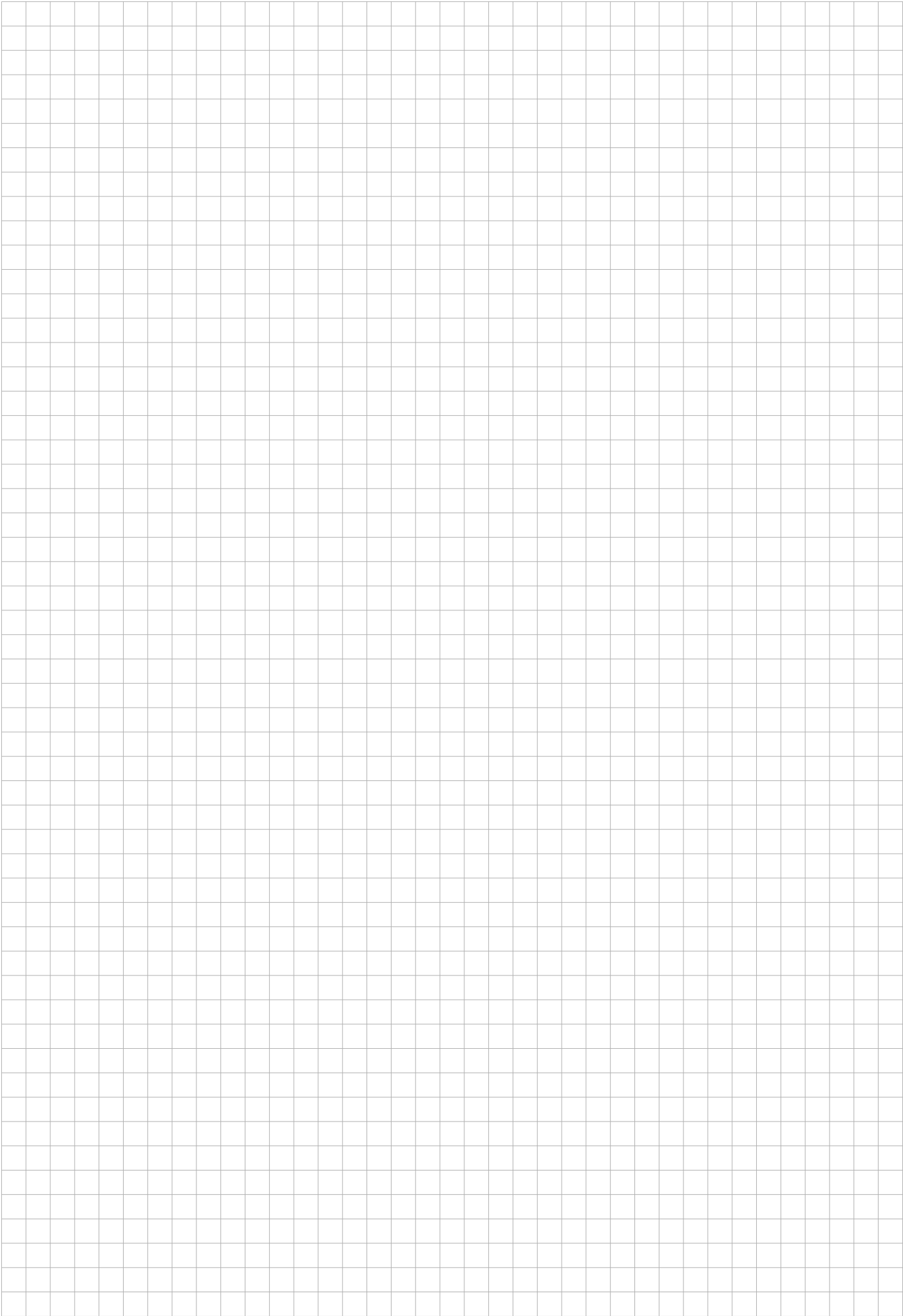


Outriggers · Abstützung · Calage  
Estabilizadores · Stabilizzazione · На аутригерах



4030





# TECHNICAL DATA FOR OPERATION

TECHNISCHE DATEN FÜR DEN EINSATZ

CARACTÉRISTIQUES TECHNIQUES POUR L'UTILISATION

DATOS TÉCNICOS PARA EL USO

DATI TECNICI PER L'USO

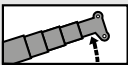
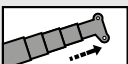
ТЕХНИЧЕСКИЕ ЭКСПЛУАТАЦИОННЫЕ ХАРАКТЕРИСТИКИ



# Operation · Einsatz · Utilisation

## Uso · Эксплуатация

### Main boom · Hauptausleger · Flèche principale Pluma principal · Braccio principale · Главная стрела

|                                                                                  |               |         |
|----------------------------------------------------------------------------------|---------------|---------|
|  | - 1.3° – 85°  | ~ 75 s  |
|  | 15.3 m – 56 m | ~ 700 s |

### Swing mechanism · Drehwerk · Groupe de rotation Mecanismo de giro · Gruppo di rotazione · Поворотный механизм

|                                                                                   |                           |                                                                                   |           |
|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|-----------|
|  | 0 – 1.2 min <sup>-1</sup> |  | 0° / 180° |
|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|-----------|

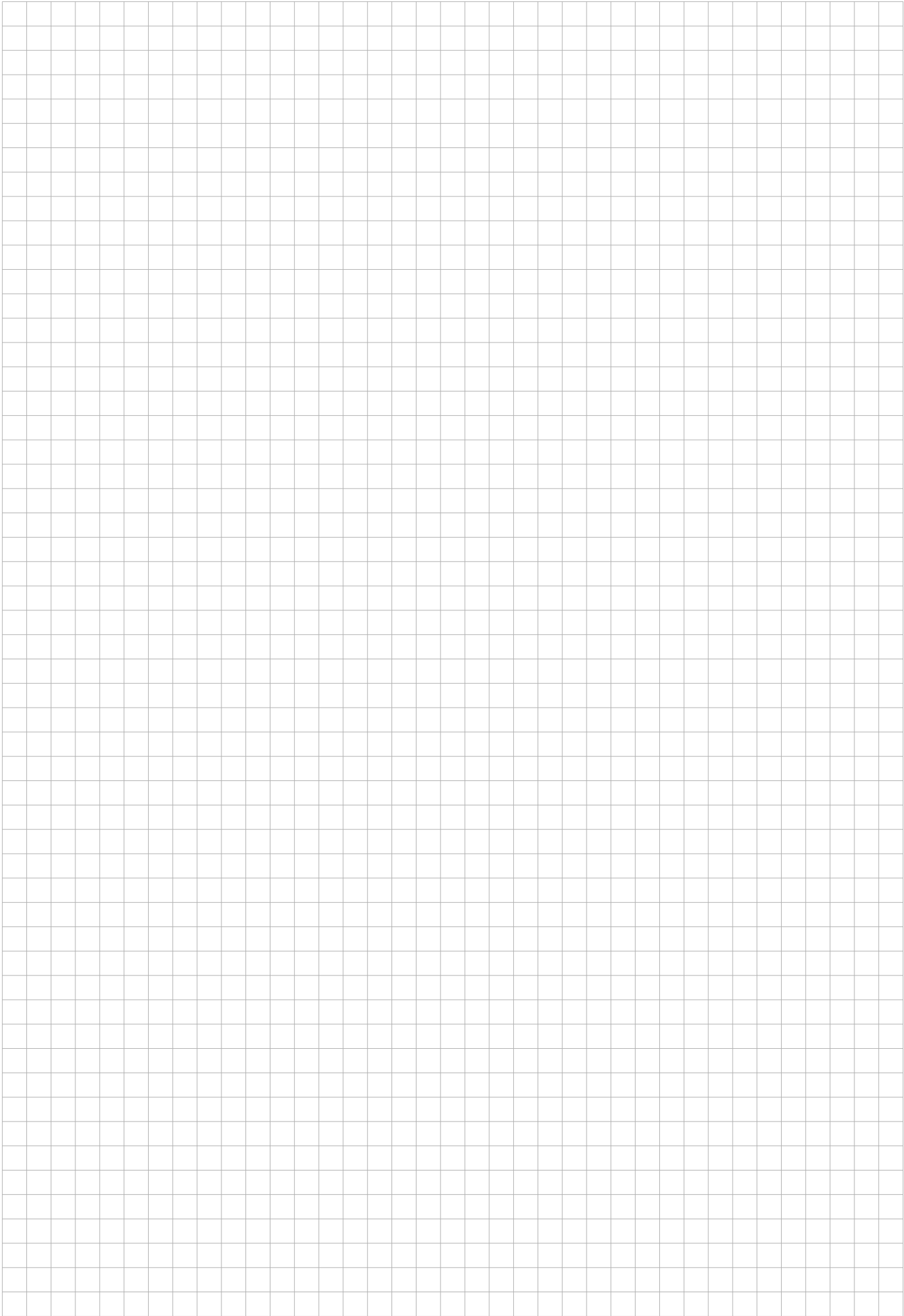
### Winches · Hubwinden · Treuils Cabrestantes · Argani · Лебедка

|                                                                                    |  |  |  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  | 0 – 115 m/min                                                                      | 23 mm / 580 m                                                                      | 141                                                                                  |
|  | 0 – 115 m/min                                                                      | 23 mm / 1045 m                                                                     | 141                                                                                  |
|  | 0 – 115 m/min                                                                      | 23 mm / 580 m                                                                      | 141                                                                                  |

### Hook blocks · Unterflaschen · Moufles Pastecas de carga · Bozzelli · Крюковые обоймы

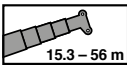
|  TYPE |  |  |  |  |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 400*                                                                                     | 355.1                                                                               | 13                                                                                  | 27                                                                                    | 4000                                                                                  |
| 250*                                                                                     | 250                                                                                 | 9                                                                                   | 19                                                                                    | 2700                                                                                  |
| 200*                                                                                     | 200                                                                                 | 7                                                                                   | 15                                                                                    | 2300                                                                                  |
| 160*                                                                                     | 151.6                                                                               | 5                                                                                   | 11                                                                                    | 2000                                                                                  |
| 100*                                                                                     | 97.6                                                                                | 3                                                                                   | 7                                                                                     | 1800                                                                                  |
| 50                                                                                       | 42.3                                                                                | 1                                                                                   | 3                                                                                     | 1300                                                                                  |
| 16                                                                                       | 14.3                                                                                | 0                                                                                   | 1                                                                                     | 500                                                                                   |

\* Twin hook · Doppelhaken · Moufle avec crochet marin · Gancho doble · Gancio doppio · Двойной крюк

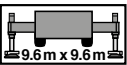


Operation · Einsatz · Utilisation  
Uso · Эксплуатация

Working range · Arbeitsbereich · Rayon de travail  
Zona de trabajo · Area di lavoro · Рабочая зона



15.3 – 56 m



9.6 m x 9.6 m



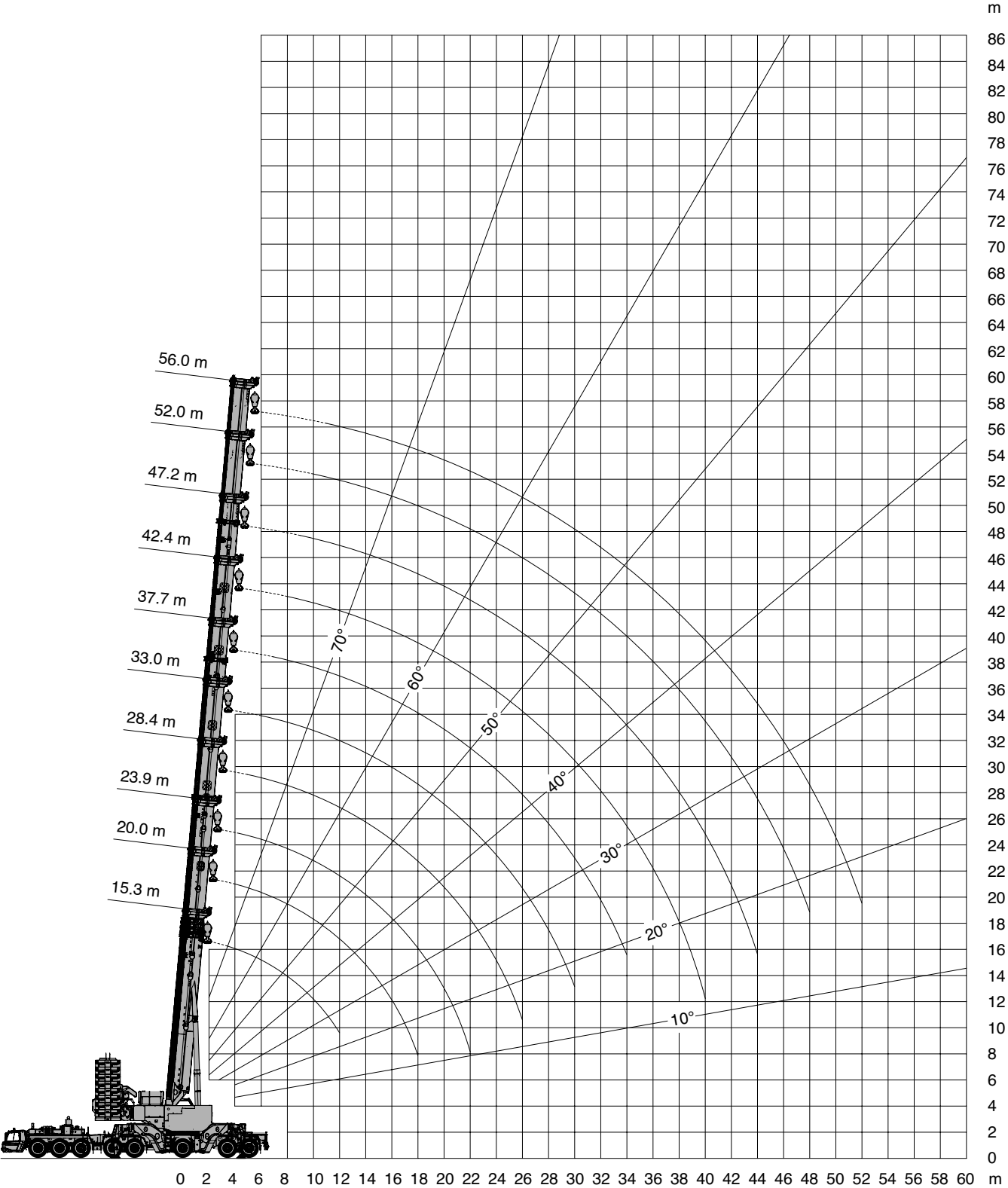
360°



180 t



DIN/ISO/EN





|  m | 15.3 m* | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|------------------------------------------------------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                | 600.0** | 293.6  |        |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 482.0** | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 466.0** | 293.6  | 293.6  | 293.6  |        |        |        |        |        |        |        |
| 5.0                                                                                | 432.0** | 293.6  | 291.5  | 280.0  | 274.2  |        |        |        |        |        |        |
| 6.0                                                                                | 357.0** | 262.0  | 254.3  | 243.1  | 237.5  | 238.2  |        |        |        |        |        |
| 7.0                                                                                | 299.0** | 233.3  | 226.1  | 215.1  | 209.7  | 209.9  | 202.0  |        |        |        |        |
| 8.0                                                                                | 256.0   | 210.2  | 203.7  | 193.1  | 187.9  | 187.8  | 180.6  | 177.9  |        |        |        |
| 9.0                                                                                | 223.0   | 190.9  | 185.5  | 175.2  | 170.4  | 170.0  | 163.4  | 163.0  | 145.0  |        |        |
| 10.0                                                                               | 198.0   | 174.1  | 170.3  | 160.5  | 155.8  | 155.3  | 149.2  | 150.9  | 138.5  | 122.5  |        |
| 11.0                                                                               | 177.0   | 158.8  | 157.2  | 147.9  | 143.6  | 142.9  | 137.4  | 139.7  | 128.0  | 116.6  | 104.8  |
| 12.0                                                                               | 160.0   | 143.8  | 145.7  | 137.1  | 133.1  | 132.4  | 127.3  | 129.3  | 120.0  | 111.1  | 99.5   |
| 14.0                                                                               |         |        | 125.8  | 119.2  | 116.1  | 115.3  | 110.9  | 112.5  | 106.0  | 99.0   | 89.8   |
| 16.0                                                                               |         |        | 107.7  | 104.5  | 102.5  | 101.9  | 98.3   | 99.5   | 94.4   | 88.5   | 81.6   |
| 18.0                                                                               |         |        | 85.9   | 91.5   | 91.3   | 91.1   | 88.1   | 89.0   | 84.9   | 79.6   | 74.6   |
| 20.0                                                                               |         |        |        | 78.6   | 81.6   | 81.9   | 79.7   | 80.5   | 77.2   | 72.4   | 68.7   |
| 22.0                                                                               |         |        |        | 61.6   | 72.6   | 73.9   | 72.5   | 73.2   | 70.5   | 65.9   | 62.8   |
| 24.0                                                                               |         |        |        |        | 63.5   | 66.7   | 66.2   | 67.0   | 64.7   | 60.8   | 57.7   |
| 26.0                                                                               |         |        |        |        | 52.3   | 59.8   | 60.6   | 61.5   | 59.6   | 56.1   | 53.2   |
| 28.0                                                                               |         |        |        |        |        | 52.8   | 55.5   | 56.6   | 55.3   | 51.9   | 49.0   |
| 30.0                                                                               |         |        |        |        |        | 45.0   | 50.5   | 51.2   | 51.5   | 48.4   | 45.8   |
| 32.0                                                                               |         |        |        |        |        |        | 45.4   | 47.8   | 48.0   | 45.1   | 42.8   |
| 34.0                                                                               |         |        |        |        |        |        | 39.6   | 43.6   | 45.0   | 42.3   | 40.0   |
| 36.0                                                                               |         |        |        |        |        |        |        | 39.7   | 41.9   | 39.7   | 37.6   |
| 38.0                                                                               |         |        |        |        |        |        |        | 35.4   | 38.8   | 37.4   | 35.3   |
| 40.0                                                                               |         |        |        |        |        |        |        | 29.7   | 35.6   | 35.3   | 33.2   |
| 42.0                                                                               |         |        |        |        |        |        |        |        | 32.2   | 33.2   | 31.3   |
| 44.0                                                                               |         |        |        |        |        |        |        |        | 28.1   | 31.4   | 29.7   |
| 46.0                                                                               |         |        |        |        |        |        |        |        |        | 29.5   | 28.1   |
| 48.0                                                                               |         |        |        |        |        |        |        |        |        | 26.3   | 26.6   |
| 50.0                                                                               |         |        |        |        |        |        |        |        |        |        | 25.2   |
| 52.0                                                                               |         |        |        |        |        |        |        |        |        |        | 23.2   |



|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|--------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                  | 293.6  |        |        |        |        |        |        |        |        |        |
| 4.0                                                                                  | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                  | 293.6  | 293.6  | 293.6  |        |        |        |        |        |        |        |
| 5.0                                                                                  | 293.6  | 291.5  | 280.0  | 274.2  |        |        |        |        |        |        |
| 6.0                                                                                  | 262.0  | 254.3  | 243.1  | 237.5  | 238.2  |        |        |        |        |        |
| 7.0                                                                                  | 233.3  | 226.1  | 215.1  | 209.7  | 209.9  | 202.0  |        |        |        |        |
| 8.0                                                                                  | 210.2  | 203.7  | 193.1  | 187.9  | 187.8  | 180.6  | 177.9  |        |        |        |
| 9.0                                                                                  | 190.9  | 185.5  | 175.2  | 170.4  | 170.0  | 163.4  | 163.0  | 145.0  |        |        |
| 10.0                                                                                 | 174.1  | 170.3  | 160.5  | 155.8  | 155.3  | 149.2  | 150.9  | 138.5  | 122.5  |        |
| 11.0                                                                                 | 158.8  | 157.2  | 147.9  | 143.6  | 142.9  | 137.4  | 139.7  | 128.0  | 116.6  | 104.8  |
| 12.0                                                                                 | 143.8  | 145.7  | 137.1  | 133.1  | 132.4  | 127.3  | 129.3  | 120.0  | 111.1  | 99.5   |
| 14.0                                                                                 |        | 125.8  | 119.2  | 116.1  | 115.3  | 110.9  | 112.5  | 106.0  | 99.0   | 89.8   |
| 16.0                                                                                 |        | 107.7  | 104.5  | 102.5  | 101.9  | 98.3   | 99.5   | 94.4   | 88.5   | 81.6   |
| 18.0                                                                                 |        | 85.9   | 91.5   | 91.3   | 91.1   | 88.1   | 89.0   | 84.9   | 79.6   | 74.6   |
| 20.0                                                                                 |        |        | 78.6   | 81.6   | 81.9   | 79.7   | 80.5   | 77.2   | 72.4   | 68.7   |
| 22.0                                                                                 |        |        | 61.6   | 72.6   | 73.9   | 72.5   | 73.2   | 70.5   | 65.9   | 62.8   |
| 24.0                                                                                 |        |        |        | 63.5   | 66.7   | 66.2   | 67.0   | 64.7   | 60.8   | 57.7   |
| 26.0                                                                                 |        |        |        | 52.3   | 59.8   | 60.6   | 61.5   | 59.6   | 56.1   | 53.2   |
| 28.0                                                                                 |        |        |        |        | 52.8   | 55.5   | 56.6   | 55.3   | 51.9   | 49.0   |
| 30.0                                                                                 |        |        |        |        | 45.0   | 49.8   | 51.2   | 51.5   | 48.4   | 45.8   |
| 32.0                                                                                 |        |        |        |        |        | 44.9   | 46.3   | 47.1   | 45.1   | 42.8   |
| 34.0                                                                                 |        |        |        |        |        | 39.6   | 42.1   | 42.9   | 42.3   | 40.0   |
| 36.0                                                                                 |        |        |        |        |        |        | 38.5   | 39.2   | 39.7   | 37.6   |
| 38.0                                                                                 |        |        |        |        |        |        | 34.8   | 36.0   | 36.9   | 35.3   |
| 40.0                                                                                 |        |        |        |        |        |        | 29.7   | 33.1   | 34.0   | 33.2   |
| 42.0                                                                                 |        |        |        |        |        |        |        | 30.7   | 31.5   | 31.3   |
| 44.0                                                                                 |        |        |        |        |        |        |        | 28.1   | 29.3   | 29.1   |
| 46.0                                                                                 |        |        |        |        |        |        |        |        | 27.3   | 27.1   |
| 48.0                                                                                 |        |        |        |        |        |        |        |        | 25.5   | 25.2   |
| 50.0                                                                                 |        |        |        |        |        |        |        |        |        | 23.6   |
| 52.0                                                                                 |        |        |        |        |        |        |        |        |        | 22.1   |

\* Over rear · Nach hinten · A l'arrière · Hacia atrás · Indietro · Назад

\*\* With additional lifting equipment · Mit Zusatzhubausrüstung · Avec équipement de levage supplémentaire

Con equipamiento de elevación adicional · Con attrezzaggio di sollevamento supplementare · С дополнительным подъемным оборудованием

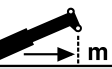


|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 293.6  | 293.6  | 293.6  |        |        |        |        |        |        |        |
| 5.0                                                                                | 291.5  | 291.5  | 285.8  | 281.0  |        |        |        |        |        |        |
| 6.0                                                                                | 256.1  | 254.3  | 248.6  | 243.8  | 240.1  |        |        |        |        |        |
| 7.0                                                                                | 227.5  | 226.1  | 220.5  | 215.7  | 211.9  | 203.1  |        |        |        |        |
| 8.0                                                                                | 204.0  | 203.7  | 198.4  | 193.6  | 189.8  | 186.4  | 177.9  |        |        |        |
| 9.0                                                                                | 184.4  | 185.5  | 180.5  | 175.8  | 172.1  | 168.6  | 163.0  | 145.0  |        |        |
| 10.0                                                                               | 167.8  | 169.6  | 165.6  | 161.1  | 157.4  | 154.0  | 150.9  | 138.5  | 122.5  |        |
| 11.0                                                                               | 153.7  | 155.5  | 153.0  | 148.7  | 145.1  | 142.1  | 139.7  | 128.0  | 116.6  | 104.8  |
| 12.0                                                                               | 141.6  | 143.4  | 142.2  | 138.1  | 134.6  | 131.6  | 129.3  | 120.0  | 111.1  | 99.5   |
| 14.0                                                                               |        | 122.6  | 123.2  | 120.9  | 117.6  | 114.8  | 112.5  | 106.0  | 99.0   | 89.8   |
| 16.0                                                                               |        | 105.0  | 105.5  | 105.0  | 105.0  | 101.7  | 99.5   | 94.4   | 88.5   | 81.6   |
| 18.0                                                                               |        | 85.9   | 92.0   | 91.5   | 92.3   | 90.4   | 89.0   | 84.9   | 79.6   | 74.6   |
| 20.0                                                                               |        |        | 81.4   | 80.8   | 81.5   | 79.6   | 78.9   | 77.2   | 72.4   | 68.7   |
| 22.0                                                                               |        |        | 70.8   | 72.1   | 72.8   | 70.9   | 71.5   | 70.5   | 65.9   | 62.8   |
| 24.0                                                                               |        |        |        | 65.0   | 65.6   | 63.8   | 65.4   | 63.7   | 60.8   | 57.7   |
| 26.0                                                                               |        |        |        | 59.3   | 59.1   | 58.2   | 58.8   | 56.8   | 56.1   | 53.2   |
| 28.0                                                                               |        |        |        |        | 52.9   | 52.0   | 52.6   | 52.3   | 51.4   | 49.0   |
| 30.0                                                                               |        |        |        |        | 47.8   | 48.7   | 47.8   | 47.0   | 46.1   | 45.8   |
| 32.0                                                                               |        |        |        |        | 41.5   | 44.4   | 43.5   | 42.6   | 41.7   | 41.7   |
| 34.0                                                                               |        |        |        |        |        | 40.6   | 39.7   | 38.8   | 37.8   | 37.8   |
| 36.0                                                                               |        |        |        |        |        | 37.4   | 36.4   | 35.5   | 34.5   | 34.5   |
| 38.0                                                                               |        |        |        |        |        |        | 33.6   | 32.6   | 31.6   | 31.6   |
| 40.0                                                                               |        |        |        |        |        |        | 31.1   | 30.0   | 29.1   | 29.0   |
| 42.0                                                                               |        |        |        |        |        |        | 24.3   | 27.8   | 26.8   | 26.7   |
| 44.0                                                                               |        |        |        |        |        |        |        | 25.9   | 24.8   | 24.6   |
| 46.0                                                                               |        |        |        |        |        |        |        | 23.2   | 23.0   | 22.8   |
| 48.0                                                                               |        |        |        |        |        |        |        |        | 21.4   | 21.2   |
| 50.0                                                                               |        |        |        |        |        |        |        |        |        | 19.7   |
| 52.0                                                                               |        |        |        |        |        |        |        |        |        | 18.4   |



|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|--------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                  | 293.6  |        |        |        |        |        |        |        |        |        |
| 4.0                                                                                  | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                  | 293.6  | 293.6  | 293.6  |        |        |        |        |        |        |        |
| 5.0                                                                                  | 293.6  | 291.5  | 280.0  | 274.2  |        |        |        |        |        |        |
| 6.0                                                                                  | 260.9  | 254.3  | 243.1  | 237.5  | 238.2  |        |        |        |        |        |
| 7.0                                                                                  | 231.6  | 226.1  | 215.1  | 209.7  | 209.9  | 202.0  |        |        |        |        |
| 8.0                                                                                  | 207.5  | 203.7  | 193.1  | 187.9  | 187.8  | 180.6  | 177.9  |        |        |        |
| 9.0                                                                                  | 187.4  | 185.5  | 175.2  | 170.4  | 170.0  | 163.4  | 163.0  | 145.0  |        |        |
| 10.0                                                                                 | 170.5  | 170.3  | 160.5  | 155.8  | 155.3  | 149.2  | 150.9  | 138.5  | 122.5  |        |
| 11.0                                                                                 | 156.1  | 157.2  | 147.9  | 143.6  | 142.9  | 137.4  | 139.7  | 128.0  | 116.6  | 104.8  |
| 12.0                                                                                 | 142.9  | 144.7  | 137.1  | 133.1  | 132.4  | 127.3  | 129.3  | 120.0  | 111.1  | 99.5   |
| 14.0                                                                                 |        | 121.1  | 116.4  | 116.1  | 115.3  | 110.9  | 112.5  | 106.0  | 99.0   | 89.8   |
| 16.0                                                                                 |        | 103.7  | 98.9   | 99.3   | 100.4  | 98.3   | 98.4   | 94.4   | 88.5   | 81.6   |
| 18.0                                                                                 |        | 85.9   | 82.1   | 82.6   | 84.2   | 84.7   | 84.2   | 83.0   | 79.6   | 74.6   |
| 20.0                                                                                 |        |        | 68.6   | 69.0   | 70.5   | 70.9   | 72.7   | 72.4   | 72.0   | 68.7   |
| 22.0                                                                                 |        |        | 58.5   | 58.8   | 60.2   | 60.5   | 62.2   | 63.2   | 63.7   | 62.5   |
| 24.0                                                                                 |        |        |        | 50.7   | 52.0   | 52.3   | 53.9   | 54.9   | 56.1   | 55.8   |
| 26.0                                                                                 |        |        |        | 44.4   | 45.5   | 45.7   | 47.3   | 48.2   | 49.3   | 49.4   |
| 28.0                                                                                 |        |        |        |        | 40.2   | 40.3   | 41.8   | 42.7   | 43.8   | 43.8   |
| 30.0                                                                                 |        |        |        |        | 35.8   | 35.8   | 37.2   | 38.1   | 39.1   | 39.2   |
| 32.0                                                                                 |        |        |        |        |        | 32.0   | 33.4   | 34.2   | 35.2   | 35.2   |
| 34.0                                                                                 |        |        |        |        |        | 28.8   | 30.1   | 30.8   | 31.8   | 31.8   |
| 36.0                                                                                 |        |        |        |        |        |        | 27.3   | 27.9   | 28.9   | 28.9   |
| 38.0                                                                                 |        |        |        |        |        |        | 24.8   | 25.4   | 26.3   | 26.3   |
| 40.0                                                                                 |        |        |        |        |        |        | 22.8   | 23.2   | 24.1   | 24.0   |
| 42.0                                                                                 |        |        |        |        |        |        |        | 21.3   | 22.1   | 22.0   |
| 44.0                                                                                 |        |        |        |        |        |        |        | 19.6   | 20.3   | 20.2   |
| 46.0                                                                                 |        |        |        |        |        |        |        |        | 18.8   | 18.6   |
| 48.0                                                                                 |        |        |        |        |        |        |        |        | 17.4   | 17.1   |
| 50.0                                                                                 |        |        |        |        |        |        |        |        |        | 15.8   |
| 52.0                                                                                 |        |        |        |        |        |        |        |        |        | 14.7   |



|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 293.6  | 293.6  | 293.6  |        |        |        |        |        |        |        |
| 5.0                                                                                | 289.5  | 290.7  | 285.8  | 281.0  |        |        |        |        |        |        |
| 6.0                                                                                | 253.5  | 254.3  | 248.6  | 243.8  | 240.1  |        |        |        |        |        |
| 7.0                                                                                | 224.6  | 226.0  | 220.5  | 215.7  | 211.9  | 203.1  |        |        |        |        |
| 8.0                                                                                | 200.9  | 202.4  | 198.4  | 193.6  | 189.8  | 186.4  | 177.9  |        |        |        |
| 9.0                                                                                | 181.1  | 182.8  | 180.5  | 175.8  | 172.1  | 168.6  | 163.0  | 145.0  |        |        |
| 10.0                                                                               | 164.5  | 166.3  | 165.6  | 161.1  | 157.4  | 154.0  | 150.9  | 138.5  | 122.5  |        |
| 11.0                                                                               | 148.3  | 150.1  | 150.7  | 148.7  | 145.1  | 142.1  | 137.8  | 128.0  | 116.6  | 104.8  |
| 12.0                                                                               | 133.9  | 135.7  | 136.3  | 135.8  | 134.3  | 128.8  | 123.2  | 119.2  | 111.1  | 99.5   |
| 14.0                                                                               |        | 113.4  | 114.0  | 113.5  | 110.5  | 105.8  | 103.0  | 99.5   | 95.9   | 89.8   |
| 16.0                                                                               |        | 91.8   | 92.6   | 94.2   | 92.3   | 88.8   | 87.5   | 83.9   | 81.0   | 79.0   |
| 18.0                                                                               |        | 75.6   | 76.2   | 78.3   | 77.2   | 78.1   | 75.1   | 72.2   | 69.6   | 68.0   |
| 20.0                                                                               |        |        | 65.0   | 66.2   | 66.1   | 66.0   | 65.2   | 63.0   | 60.7   | 59.4   |
| 22.0                                                                               |        |        | 56.0   | 57.0   | 56.9   | 56.8   | 56.0   | 55.0   | 53.5   | 52.4   |
| 24.0                                                                               |        |        |        | 49.8   | 49.7   | 49.5   | 48.7   | 47.7   | 46.8   | 46.6   |
| 26.0                                                                               |        |        |        | 44.1   | 43.8   | 43.6   | 42.8   | 41.9   | 41.0   | 41.0   |
| 28.0                                                                               |        |        |        |        | 39.1   | 38.8   | 38.0   | 37.1   | 36.2   | 36.2   |
| 30.0                                                                               |        |        |        |        | 35.2   | 34.8   | 34.0   | 33.1   | 32.2   | 32.2   |
| 32.0                                                                               |        |        |        |        | 31.9   | 31.5   | 30.6   | 29.7   | 28.7   | 28.7   |
| 34.0                                                                               |        |        |        |        |        | 28.6   | 27.7   | 26.7   | 25.8   | 25.8   |
| 36.0                                                                               |        |        |        |        |        | 26.2   | 25.2   | 24.2   | 23.3   | 23.2   |
| 38.0                                                                               |        |        |        |        |        |        | 23.0   | 22.0   | 21.1   | 21.0   |
| 40.0                                                                               |        |        |        |        |        |        | 21.2   | 20.1   | 19.1   | 19.0   |
| 42.0                                                                               |        |        |        |        |        |        | 19.1   | 18.4   | 17.4   | 17.3   |
| 44.0                                                                               |        |        |        |        |        |        |        | 16.9   | 15.9   | 15.7   |
| 46.0                                                                               |        |        |        |        |        |        |        | 15.7   | 14.5   | 14.3   |
| 48.0                                                                               |        |        |        |        |        |        |        |        | 13.3   | 13.1   |
| 50.0                                                                               |        |        |        |        |        |        |        |        |        | 12.0   |
| 52.0                                                                               |        |        |        |        |        |        |        |        |        | 11.0   |



|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|--------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                  | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.0                                                                                  | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                  | 293.6  | 293.6  | 293.6  |        |        |        |        |        |        |        |
| 5.0                                                                                  | 281.4  | 282.5  | 282.9  | 281.0  |        |        |        |        |        |        |
| 6.0                                                                                  | 245.8  | 247.1  | 247.6  | 243.8  | 240.1  |        |        |        |        |        |
| 7.0                                                                                  | 217.2  | 218.7  | 219.2  | 215.7  | 211.9  | 203.1  |        |        |        |        |
| 8.0                                                                                  | 193.8  | 195.4  | 196.0  | 193.6  | 189.8  | 186.4  | 177.8  |        |        |        |
| 9.0                                                                                  | 174.2  | 176.0  | 176.7  | 175.8  | 170.1  | 159.7  | 152.5  | 145.0  |        |        |
| 10.0                                                                                 | 154.9  | 156.7  | 157.3  | 154.3  | 145.4  | 139.6  | 132.0  | 127.7  | 122.0  |        |
| 11.0                                                                                 | 138.4  | 140.2  | 140.8  | 133.7  | 128.8  | 122.2  | 118.8  | 112.8  | 108.0  | 104.5  |
| 12.0                                                                                 | 124.9  | 126.7  | 123.9  | 118.7  | 113.9  | 111.0  | 105.9  | 100.8  | 96.7   | 93.7   |
| 14.0                                                                                 |        | 96.0   | 97.0   | 97.1   | 93.5   | 90.3   | 86.4   | 82.5   | 79.3   | 77.1   |
| 16.0                                                                                 |        | 75.8   | 77.4   | 78.9   | 78.0   | 75.5   | 72.4   | 69.3   | 66.6   | 64.9   |
| 18.0                                                                                 |        | 62.1   | 63.4   | 64.8   | 64.7   | 64.6   | 61.9   | 59.3   | 56.9   | 55.6   |
| 20.0                                                                                 |        |        | 53.3   | 54.5   | 54.4   | 54.3   | 53.5   | 51.4   | 49.4   | 48.2   |
| 22.0                                                                                 |        |        | 45.7   | 46.7   | 46.6   | 46.5   | 45.7   | 44.7   | 43.2   | 42.3   |
| 24.0                                                                                 |        |        |        | 40.6   | 40.5   | 40.3   | 39.5   | 38.5   | 37.7   | 37.4   |
| 26.0                                                                                 |        |        |        | 35.8   | 35.5   | 35.3   | 34.5   | 33.6   | 32.7   | 32.7   |
| 28.0                                                                                 |        |        |        |        | 31.5   | 31.2   | 30.4   | 29.5   | 28.6   | 28.6   |
| 30.0                                                                                 |        |        |        |        | 28.2   | 27.9   | 27.0   | 26.1   | 25.2   | 25.2   |
| 32.0                                                                                 |        |        |        |        | 25.5   | 25.0   | 24.1   | 23.2   | 22.3   | 22.3   |
| 34.0                                                                                 |        |        |        |        |        | 22.6   | 21.7   | 20.7   | 19.8   | 19.8   |
| 36.0                                                                                 |        |        |        |        |        | 20.6   | 19.6   | 18.6   | 17.7   | 17.6   |
| 38.0                                                                                 |        |        |        |        |        |        | 17.7   | 16.7   | 15.8   | 15.7   |
| 40.0                                                                                 |        |        |        |        |        |        | 16.2   | 15.1   | 14.1   | 14.0   |
| 42.0                                                                                 |        |        |        |        |        |        | 14.4   | 13.7   | 12.7   | 12.6   |
| 44.0                                                                                 |        |        |        |        |        |        |        | 12.5   | 11.4   | 11.2   |
| 46.0                                                                                 |        |        |        |        |        |        |        | 11.5   | 10.3   | 10.1   |
| 48.0                                                                                 |        |        |        |        |        |        |        |        | 9.3    | 9.0    |
| 50.0                                                                                 |        |        |        |        |        |        |        |        |        | 8.1    |
| 52.0                                                                                 |        |        |        |        |        |        |        |        |        | 7.3    |

Operation · Einsatz · Utilisation  
Uso · Эксплуатация

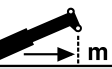


|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 293.6  | 293.6  | 293.6  |        |        |        |        |        |        |        |
| 5.0                                                                                | 272.7  | 273.9  | 274.3  | 273.8  |        |        |        |        |        |        |
| 6.0                                                                                | 237.5  | 238.9  | 239.3  | 238.9  | 238.4  |        |        |        |        |        |
| 7.0                                                                                | 209.3  | 210.8  | 211.3  | 210.9  | 204.6  | 188.6  |        |        |        |        |
| 8.0                                                                                | 185.7  | 187.4  | 188.0  | 177.9  | 164.9  | 155.8  | 147.2  |        |        |        |
| 9.0                                                                                | 163.0  | 164.9  | 157.3  | 147.9  | 139.7  | 133.9  | 125.9  | 118.2  |        |        |
| 10.0                                                                               | 143.9  | 139.3  | 132.9  | 127.7  | 121.0  | 115.2  | 108.9  | 102.7  | 97.8   |        |
| 11.0                                                                               | 119.4  | 119.0  | 114.4  | 110.7  | 105.4  | 100.8  | 95.6   | 90.5   | 86.3   | 83.4   |
| 12.0                                                                               | 99.6   | 102.8  | 100.0  | 97.3   | 93.1   | 89.4   | 84.9   | 80.6   | 77.0   | 74.5   |
| 14.0                                                                               |        | 76.4   | 78.1   | 77.9   | 74.9   | 72.2   | 68.9   | 65.5   | 62.6   | 60.8   |
| 16.0                                                                               |        | 59.8   | 61.4   | 62.9   | 62.1   | 60.1   | 57.3   | 54.6   | 52.2   | 50.8   |
| 18.0                                                                               |        | 48.6   | 49.9   | 51.3   | 51.3   | 51.0   | 48.7   | 46.3   | 44.2   | 43.1   |
| 20.0                                                                               |        |        | 41.6   | 42.8   | 42.8   | 42.6   | 41.8   | 39.9   | 38.0   | 37.1   |
| 22.0                                                                               |        |        | 35.4   | 36.4   | 36.3   | 36.2   | 35.4   | 34.4   | 33.0   | 32.1   |
| 24.0                                                                               |        |        |        | 31.4   | 31.3   | 31.1   | 30.3   | 29.4   | 28.5   | 28.1   |
| 26.0                                                                               |        |        |        | 27.5   | 27.2   | 27.0   | 26.2   | 25.3   | 24.4   | 24.4   |
| 28.0                                                                               |        |        |        |        | 23.9   | 23.7   | 22.9   | 21.9   | 21.0   | 21.0   |
| 30.0                                                                               |        |        |        |        | 21.2   | 20.9   | 20.1   | 19.1   | 18.2   | 18.2   |
| 32.0                                                                               |        |        |        |        | 19.0   | 18.5   | 17.7   | 16.7   | 15.8   | 15.8   |
| 34.0                                                                               |        |        |        |        |        | 16.6   | 15.7   | 14.7   | 13.8   | 13.8   |
| 36.0                                                                               |        |        |        |        |        | 14.9   | 13.9   | 13.0   | 12.0   | 12.0   |
| 38.0                                                                               |        |        |        |        |        |        | 12.5   | 11.4   | 10.5   | 10.4   |
| 40.0                                                                               |        |        |        |        |        |        | 11.2   | 10.1   | 9.2    | 9.1    |
| 42.0                                                                               |        |        |        |        |        |        | 9.7    | 9.0    | 8.0    | 7.9    |
| 44.0                                                                               |        |        |        |        |        |        |        | 8.0    | 6.9    | 6.8    |
| 46.0                                                                               |        |        |        |        |        |        |        | 7.2    | 6.0    | 5.8    |
| 48.0                                                                               |        |        |        |        |        |        |        |        | 5.2    | 5.0    |
| 50.0                                                                               |        |        |        |        |        |        |        |        |        | 4.2    |
| 52.0                                                                               |        |        |        |        |        |        |        |        |        | 3.6    |

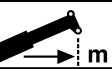


|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|--------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                  | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.0                                                                                  | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                  | 284.3  | 285.4  | 285.8  |        |        |        |        |        |        |        |
| 5.0                                                                                  | 263.5  | 264.7  | 265.1  | 264.6  |        |        |        |        |        |        |
| 6.0                                                                                  | 228.6  | 230.1  | 230.6  | 230.1  | 206.8  |        |        |        |        |        |
| 7.0                                                                                  | 199.8  | 201.5  | 190.3  | 174.0  | 160.3  | 150.3  |        |        |        |        |
| 8.0                                                                                  | 171.2  | 159.3  | 148.6  | 140.3  | 130.5  | 122.4  | 113.9  |        |        |        |
| 9.0                                                                                  | 134.9  | 127.7  | 121.0  | 115.6  | 108.6  | 102.7  | 96.1   | 89.9   |        |        |
| 10.0                                                                                 | 110.4  | 105.9  | 101.4  | 97.8   | 92.5   | 88.0   | 82.8   | 77.7   | 73.6   |        |
| 11.0                                                                                 | 89.8   | 89.9   | 86.8   | 84.4   | 80.2   | 76.7   | 72.3   | 68.1   | 64.6   | 62.3   |
| 12.0                                                                                 | 74.3   | 77.5   | 75.6   | 73.9   | 70.5   | 67.6   | 63.9   | 60.3   | 57.2   | 55.3   |
| 14.0                                                                                 |        | 56.8   | 58.6   | 58.5   | 56.2   | 54.1   | 51.3   | 48.4   | 45.9   | 44.5   |
| 16.0                                                                                 |        | 43.8   | 45.4   | 47.0   | 46.1   | 44.6   | 42.2   | 39.9   | 37.7   | 36.6   |
| 18.0                                                                                 |        | 35.1   | 36.4   | 37.8   | 37.8   | 37.4   | 35.4   | 33.4   | 31.5   | 30.6   |
| 20.0                                                                                 |        |        | 29.9   | 31.2   | 31.1   | 31.0   | 30.1   | 28.3   | 26.6   | 25.8   |
| 22.0                                                                                 |        |        | 25.1   | 26.1   | 26.0   | 25.9   | 25.1   | 24.1   | 22.6   | 22.0   |
| 24.0                                                                                 |        |        |        | 22.2   | 22.1   | 21.9   | 21.1   | 20.2   | 19.3   | 18.8   |
| 26.0                                                                                 |        |        |        | 19.2   | 18.9   | 18.7   | 17.9   | 17.0   | 16.1   | 16.1   |
| 28.0                                                                                 |        |        |        |        | 16.3   | 16.1   | 15.3   | 14.3   | 13.4   | 13.5   |
| 30.0                                                                                 |        |        |        |        | 14.2   | 13.9   | 13.1   | 12.1   | 11.2   | 11.3   |
| 32.0                                                                                 |        |        |        |        | 12.5   | 12.1   | 11.2   | 10.3   | 9.4    | 9.4    |
| 34.0                                                                                 |        |        |        |        |        | 10.6   | 9.7    | 8.7    | 7.8    | 7.8    |
| 36.0                                                                                 |        |        |        |        |        | 9.3    | 8.3    | 7.3    | 6.4    | 6.4    |
| 38.0                                                                                 |        |        |        |        |        |        | 7.2    | 6.2    | 5.2    | 5.2    |
| 40.0                                                                                 |        |        |        |        |        |        | 6.2    | 5.2    | 4.2    | 4.1    |
| 42.0                                                                                 |        |        |        |        |        |        | 5.0    | 4.3    | 3.3    | 3.2    |
| 44.0                                                                                 |        |        |        |        |        |        |        | 3.5    | 2.5    | 2.3    |
| 46.0                                                                                 |        |        |        |        |        |        |        | 3.0    |        |        |



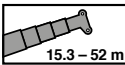
|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.0                                                                                | 293.6  | 293.6  |        |        |        |        |        |        |        |        |
| 4.5                                                                                | 274.2  | 275.4  | 275.8  |        |        |        |        |        |        |        |
| 5.0                                                                                | 253.6  | 254.9  | 255.3  | 254.9  |        |        |        |        |        |        |
| 6.0                                                                                | 217.9  | 212.3  | 187.2  | 169.2  | 151.2  |        |        |        |        |        |
| 7.0                                                                                | 161.4  | 147.2  | 134.9  | 125.6  | 114.9  | 106.2  |        |        |        |        |
| 8.0                                                                                | 118.3  | 111.2  | 104.3  | 98.9   | 91.8   | 85.9   | 79.3   |        |        |        |
| 9.0                                                                                | 92.1   | 88.3   | 84.1   | 80.9   | 75.8   | 71.5   | 66.4   | 61.5   |        |        |
| 10.0                                                                               | 74.4   | 72.4   | 69.9   | 67.9   | 64.1   | 60.7   | 56.7   | 52.6   | 49.4   |        |
| 11.0                                                                               | 60.2   | 60.8   | 59.3   | 58.1   | 55.1   | 52.5   | 49.0   | 45.6   | 42.8   | 41.1   |
| 12.0                                                                               | 49.0   | 52.0   | 51.1   | 50.4   | 48.0   | 45.9   | 42.9   | 40.0   | 37.4   | 36.0   |
| 14.0                                                                               |        | 37.3   | 39.1   | 39.2   | 37.5   | 36.0   | 33.7   | 31.3   | 29.2   | 28.2   |
| 16.0                                                                               |        | 27.9   | 29.5   | 31.0   | 30.2   | 29.0   | 27.1   | 25.1   | 23.3   | 22.5   |
| 18.0                                                                               |        | 21.7   | 23.0   | 24.4   | 24.3   | 23.8   | 22.1   | 20.4   | 18.7   | 18.1   |
| 20.0                                                                               |        |        | 18.3   | 19.5   | 19.5   | 19.3   | 18.3   | 16.7   | 15.2   | 14.6   |
| 22.0                                                                               |        |        | 14.9   | 15.9   | 15.8   | 15.6   | 14.9   | 13.7   | 12.3   | 11.8   |
| 24.0                                                                               |        |        |        | 13.0   | 12.9   | 12.7   | 12.0   | 11.0   | 9.9    | 9.5    |
| 26.0                                                                               |        |        |        | 10.9   | 10.6   | 10.4   | 9.6    | 8.7    | 7.8    | 7.5    |
| 28.0                                                                               |        |        |        |        | 8.7    | 8.5    | 7.7    | 6.8    | 5.9    | 5.9    |
| 30.0                                                                               |        |        |        |        | 7.3    | 6.9    | 6.1    | 5.2    | 4.3    | 4.3    |
| 32.0                                                                               |        |        |        |        | 6.1    | 5.6    | 4.8    | 3.8    | 2.9    | 2.9    |
| 34.0                                                                               |        |        |        |        |        | 4.6    | 3.7    | 2.7    |        |        |
| 36.0                                                                               |        |        |        |        |        | 3.7    | 2.7    |        |        |        |



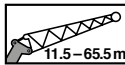
|  m | 15.3 m | 20.0 m | 23.9 m | 28.4 m | 33.0 m | 37.7 m | 42.4 m | 47.2 m | 52.0 m | 56.0 m |
|--------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.5                                                                                  | 293.6  |        |        |        |        |        |        |        |        |        |
| 4.0                                                                                  | 286.7  | 287.9  |        |        |        |        |        |        |        |        |
| 4.5                                                                                  | 263.4  | 264.7  | 261.3  |        |        |        |        |        |        |        |
| 5.0                                                                                  | 241.7  | 234.0  | 191.7  | 168.0  |        |        |        |        |        |        |
| 6.0                                                                                  | 142.8  | 125.9  | 97.0   | 85.8   | 78.8   |        |        |        |        |        |
| 7.0                                                                                  | 91.6   | 85.4   | 65.7   | 59.9   | 56.7   | 52.4   |        |        |        |        |
| 8.0                                                                                  | 65.2   | 63.0   | 47.6   | 44.2   | 42.8   | 40.1   | 39.4   |        |        |        |
| 9.0                                                                                  | 49.1   | 48.7   | 35.7   | 33.7   | 33.3   | 31.4   | 31.5   | 30.7   |        |        |
| 10.0                                                                                 | 38.2   | 38.9   | 27.4   | 26.1   | 26.3   | 25.0   | 25.5   | 25.2   | 25.2   |        |
| 11.0                                                                                 | 30.5   | 31.7   | 21.2   | 20.4   | 20.9   | 20.0   | 20.8   | 20.8   | 21.1   | 20.0   |
| 12.0                                                                                 | 23.6   | 26.2   | 16.4   | 15.9   | 16.7   | 16.1   | 17.1   | 17.3   | 17.7   | 16.8   |
| 14.0                                                                                 |        | 17.7   | 9.5    | 9.5    | 10.6   | 10.3   | 11.5   | 11.9   | 12.6   | 11.9   |
| 16.0                                                                                 |        | 11.9   | 4.8    | 5.0    | 6.2    | 6.1    | 7.5    | 8.0    | 8.9    | 8.3    |
| 18.0                                                                                 |        | 8.1    |        |        | 3.0    | 3.0    | 4.5    | 5.1    | 6.0    | 5.6    |
| 20.0                                                                                 |        |        |        |        |        |        | 2.2    |        | 3.8    |        |

Operation · Einsatz · Utilisation  
Uso · Эксплуатация

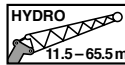
Working range · Arbeitsbereich · Rayon de travail  
Zona de trabajo · Area di lavoro · Рабочая зона



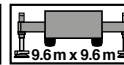
15.3 – 52 m



11.5 – 65.5 m



HYDRO 11.5 – 65.5 m



9.6 m x 9.6 m



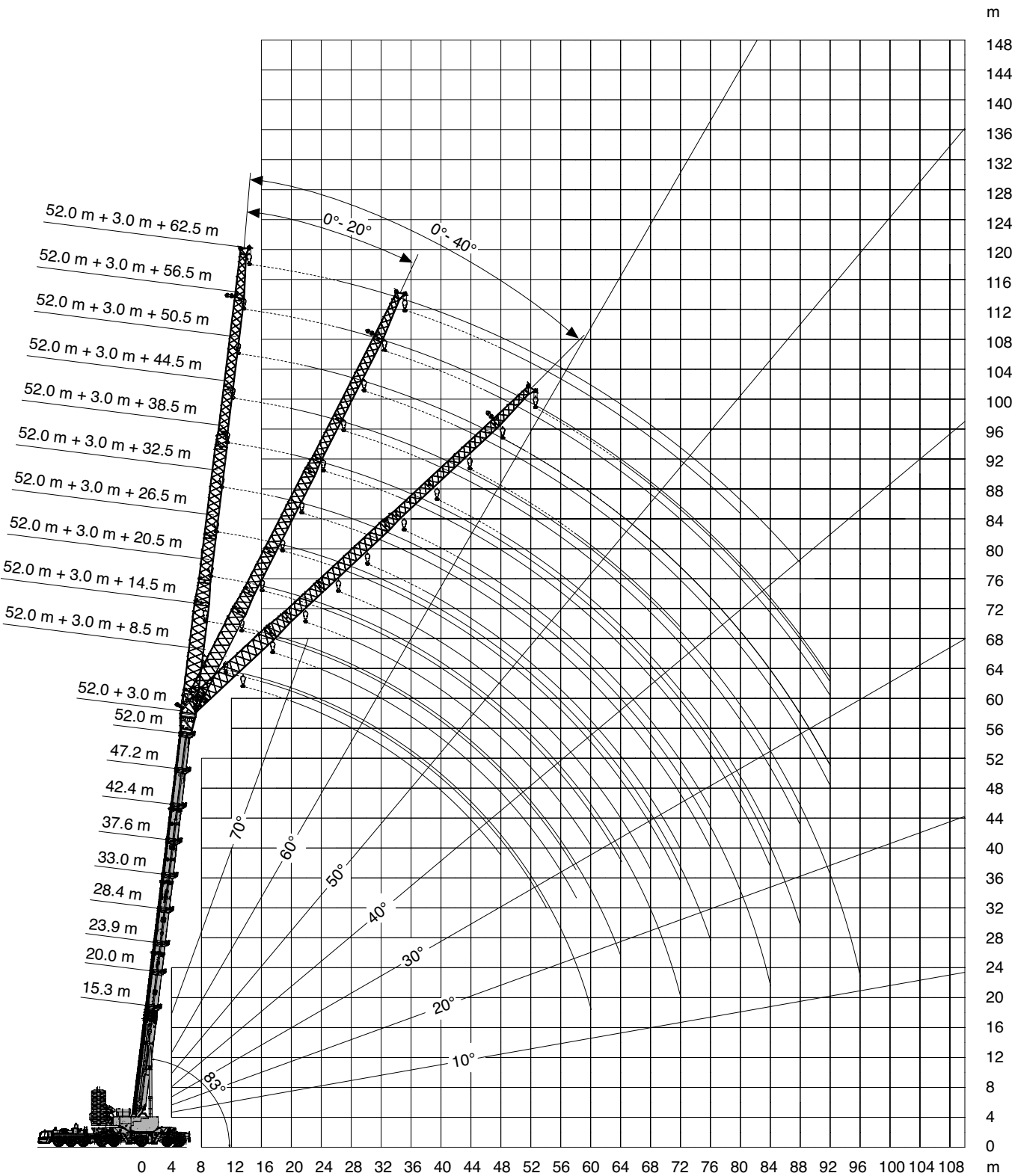
360°



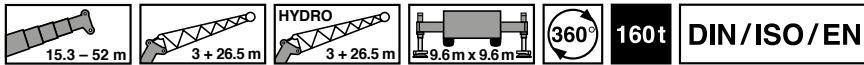
160t

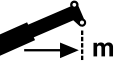


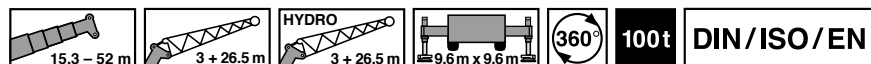
DIN/ISO/EN



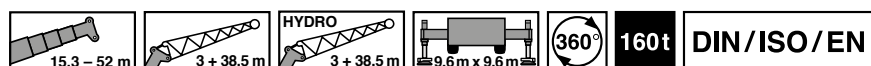
Lifting capacities · Traglasten · Charges de levage  
Cargas · Portate · Грузоподъемность



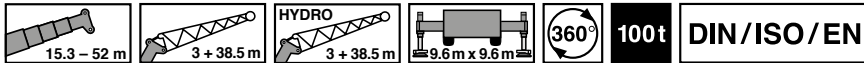
|  m | 15.3 m + 3.0 m + 26.5 m |      |      | 42.4 m + 3.0 m + 26.5 m |      |      | 47.2 m + 3.0 m + 26.5 m |      |      | 52.0 m + 3.0 m + 26.5 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 0°                      | 20°  | 40°  | 0°                      | 20°  | 40°  | 0°                      | 20°  | 40°  | 0°                      | 20°  | 40°  |
| 7.0                                                                                | 85.8                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 8.0                                                                                | 79.4                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 9.0                                                                                | 69.9                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 10.0                                                                               | 62.2                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 12.0                                                                               | 50.6                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 14.0                                                                               | 42.6                    |      |      | 59.8                    |      |      | 53.9                    |      |      |                         |      |      |
| 16.0                                                                               | 36.3                    | 27.3 |      | 54.3                    |      |      | 52.3                    |      |      |                         |      |      |
| 18.0                                                                               | 31.9                    | 24.4 |      | 48.7                    |      |      | 48.4                    |      |      | 42.9                    |      |      |
| 20.0                                                                               | 28.2                    | 22.3 |      | 43.8                    |      |      | 44.0                    |      |      | 39.5                    |      |      |
| 22.0                                                                               | 25.2                    | 20.4 |      | 39.7                    | 25.0 |      | 40.3                    | 24.6 |      | 36.0                    |      |      |
| 24.0                                                                               | 22.7                    | 18.7 | 16.1 | 36.3                    | 23.4 |      | 37.1                    | 23.4 |      | 33.6                    |      |      |
| 26.0                                                                               | 20.6                    | 17.2 | 14.8 | 33.2                    | 22.1 |      | 34.2                    | 22.2 |      | 31.2                    | 22.2 |      |
| 28.0                                                                               | 18.7                    | 16.2 | 14.1 | 30.7                    | 20.9 |      | 31.9                    | 21.1 |      | 28.9                    | 21.0 |      |
| 30.0                                                                               | 17.2                    | 15.2 | 13.3 | 28.5                    | 19.8 | 15.3 | 29.6                    | 20.1 | 15.3 | 26.9                    | 20.0 |      |
| 32.0                                                                               | 15.9                    | 13.9 | 12.5 | 26.6                    | 18.9 | 14.7 | 27.7                    | 19.2 | 14.8 | 25.1                    | 19.2 | 14.6 |
| 34.0                                                                               | 14.6                    | 13.1 | 12.1 | 24.9                    | 18.0 | 14.2 | 25.8                    | 18.4 | 14.3 | 23.5                    | 18.4 | 14.2 |
| 36.0                                                                               | 13.6                    | 12.4 | 11.5 | 23.3                    | 17.2 | 13.7 | 24.2                    | 17.6 | 13.9 | 22.0                    | 17.6 | 13.7 |
| 38.0                                                                               | 12.6                    | 11.7 | 10.9 | 21.9                    | 16.6 | 13.3 | 22.6                    | 16.8 | 13.5 | 20.6                    | 17.0 | 13.3 |
| 40.0                                                                               | 11.8                    | 11.1 |      | 20.6                    | 16.0 | 12.9 | 21.3                    | 16.1 | 13.1 | 19.4                    | 16.3 | 13.0 |
| 42.0                                                                               | 11.1                    |      |      | 19.5                    | 15.2 | 12.6 | 20.1                    | 15.5 | 12.8 | 18.3                    | 15.8 | 12.7 |
| 44.0                                                                               |                         |      |      | 18.6                    | 14.4 | 12.2 | 19.0                    | 15.0 | 12.5 | 17.2                    | 15.3 | 12.7 |
| 46.0                                                                               |                         |      |      | 17.7                    | 14.0 | 11.8 | 18.0                    | 14.6 | 12.1 | 16.2                    | 14.9 | 12.4 |
| 48.0                                                                               |                         |      |      | 16.8                    | 13.5 | 11.5 | 17.0                    | 14.0 | 11.8 | 15.3                    | 14.1 | 12.0 |
| 50.0                                                                               |                         |      |      | 16.0                    | 13.1 | 11.3 | 16.1                    | 13.4 | 11.5 | 14.4                    | 13.5 | 11.7 |
| 52.0                                                                               |                         |      |      | 15.2                    | 12.7 | 11.1 | 15.3                    | 13.0 | 11.2 | 13.6                    | 12.9 | 11.5 |
| 54.0                                                                               |                         |      |      | 14.4                    | 12.3 | 11.0 | 14.6                    | 12.6 | 11.0 | 12.9                    | 12.3 | 11.3 |
| 56.0                                                                               |                         |      |      | 13.8                    | 11.9 | 10.8 | 13.9                    | 12.3 | 10.9 | 12.3                    | 11.7 | 11.1 |
| 58.0                                                                               |                         |      |      | 13.2                    | 11.5 | 10.6 | 13.2                    | 12.0 | 10.8 | 11.7                    | 11.1 | 10.9 |
| 60.0                                                                               |                         |      |      | 12.8                    | 11.1 | 10.5 | 12.6                    | 11.6 | 10.7 | 11.1                    | 10.6 | 10.4 |
| 64.0                                                                               |                         |      |      | 11.8                    |      |      | 11.4                    | 10.7 | 10.6 | 9.9                     | 9.7  | 9.6  |
| 68.0                                                                               |                         |      |      | 10.8                    |      |      | 10.2                    |      |      | 9.0                     | 8.8  | 8.7  |
| 72.0                                                                               |                         |      |      |                         |      |      | 9.2                     |      |      | 8.2                     | 7.9  |      |
| 76.0                                                                               |                         |      |      |                         |      |      |                         |      |      | 7.3                     |      |      |



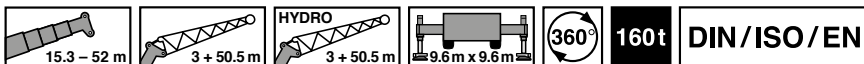
|  m | 15.3 m + 3.0 m + 26.5 m |      |      | 42.4 m + 3.0 m + 26.5 m |      |      | 47.2 m + 3.0 m + 26.5 m |      |      | 52.0 m + 3.0 m + 26.5 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 0°                      | 20°  | 40°  | 0°                      | 20°  | 40°  | 0°                      | 20°  | 40°  | 0°                      | 20°  | 40°  |
| 7.0                                                                                | 85.8                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 8.0                                                                                | 79.4                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 9.0                                                                                | 69.9                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 10.0                                                                               | 62.2                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 12.0                                                                               | 50.6                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 14.0                                                                               | 42.6                    |      |      | 59.8                    |      |      | 53.9                    |      |      |                         |      |      |
| 16.0                                                                               | 36.3                    | 27.3 |      | 54.3                    |      |      | 52.3                    |      |      |                         |      |      |
| 18.0                                                                               | 31.9                    | 24.4 |      | 48.7                    |      |      | 48.4                    |      |      | 42.9                    |      |      |
| 20.0                                                                               | 28.2                    | 22.3 |      | 43.8                    |      |      | 44.0                    |      |      | 39.5                    |      |      |
| 22.0                                                                               | 25.2                    | 20.4 |      | 39.7                    | 25.0 |      | 40.3                    | 24.6 |      | 36.0                    |      |      |
| 24.0                                                                               | 22.7                    | 18.7 | 16.1 | 36.3                    | 23.4 |      | 37.1                    | 23.4 |      | 33.6                    |      |      |
| 26.0                                                                               | 20.6                    | 17.2 | 14.8 | 33.2                    | 22.1 |      | 34.2                    | 22.2 |      | 31.2                    | 22.2 |      |
| 28.0                                                                               | 18.7                    | 16.2 | 14.1 | 30.7                    | 20.9 |      | 31.9                    | 21.1 |      | 28.9                    | 21.0 |      |
| 30.0                                                                               | 17.2                    | 15.2 | 13.3 | 28.5                    | 19.8 | 15.3 | 29.6                    | 20.1 | 15.3 | 26.9                    | 20.0 |      |
| 32.0                                                                               | 15.9                    | 13.9 | 12.5 | 26.6                    | 18.9 | 14.7 | 27.7                    | 19.2 | 14.8 | 25.1                    | 19.2 | 14.6 |
| 34.0                                                                               | 14.6                    | 13.1 | 12.1 | 24.9                    | 18.0 | 14.2 | 25.4                    | 18.4 | 14.3 | 23.5                    | 18.4 | 14.2 |
| 36.0                                                                               | 13.6                    | 12.4 | 11.5 | 22.6                    | 17.2 | 13.7 | 22.8                    | 17.6 | 13.9 | 22.0                    | 17.6 | 13.7 |
| 38.0                                                                               | 12.6                    | 11.7 | 10.9 | 20.3                    | 16.6 | 13.3 | 20.4                    | 16.8 | 13.5 | 20.5                    | 17.0 | 13.3 |
| 40.0                                                                               | 11.8                    | 11.1 |      | 18.2                    | 16.0 | 12.9 | 18.3                    | 16.1 | 13.1 | 18.4                    | 16.3 | 13.0 |
| 42.0                                                                               | 11.1                    |      |      | 16.3                    | 15.2 | 12.6 | 16.5                    | 15.5 | 12.8 | 16.6                    | 15.8 | 12.7 |
| 44.0                                                                               |                         |      |      | 14.7                    | 14.4 | 12.2 | 14.8                    | 15.0 | 12.5 | 14.9                    | 15.3 | 12.7 |
| 46.0                                                                               |                         |      |      | 13.2                    | 14.0 | 11.8 | 13.3                    | 14.6 | 12.1 | 13.4                    | 14.9 | 12.4 |
| 48.0                                                                               |                         |      |      | 11.8                    | 13.5 | 11.5 | 12.0                    | 14.0 | 11.8 | 12.1                    | 14.1 | 12.0 |
| 50.0                                                                               |                         |      |      | 10.6                    | 12.6 | 11.3 | 10.7                    | 12.9 | 11.5 | 10.8                    | 13.1 | 11.7 |
| 52.0                                                                               |                         |      |      | 9.5                     | 11.4 | 11.1 | 9.6                     | 11.6 | 11.2 | 9.7                     | 11.8 | 11.5 |
| 54.0                                                                               |                         |      |      | 8.5                     | 10.2 | 11.0 | 8.6                     | 10.4 | 11.0 | 8.7                     | 10.6 | 11.3 |
| 56.0                                                                               |                         |      |      | 7.6                     | 9.1  | 9.9  | 7.7                     | 9.3  | 10.1 | 7.8                     | 9.6  | 10.5 |
| 58.0                                                                               |                         |      |      | 6.7                     | 8.1  | 8.8  | 6.8                     | 8.3  | 9.3  | 6.9                     | 8.6  | 9.7  |
| 60.0                                                                               |                         |      |      | 5.9                     | 7.1  | 7.7  | 6.0                     | 7.4  | 8.2  | 6.1                     | 7.6  | 8.6  |
| 64.0                                                                               |                         |      |      | 4.5                     |      |      | 4.6                     | 5.7  | 6.3  | 4.7                     | 6.0  | 6.7  |
| 68.0                                                                               |                         |      |      | 3.4                     |      |      | 3.4                     |      |      | 3.5                     | 4.5  | 5.0  |
| 72.0                                                                               |                         |      |      |                         |      |      | 2.4                     |      |      | 2.4                     | 3.2  |      |



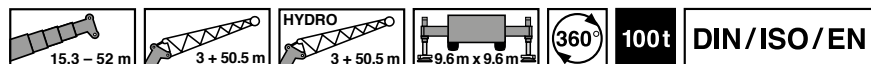
|  m | 15.3 m + 3.0 m + 38.5 m |      |     | 42.4 m + 3.0 m + 38.5 m |      |     | 47.2 m + 3.0 m + 38.5 m |      |     | 52.0 m + 3.0 m + 38.5 m |      |     |
|--------------------------------------------------------------------------------------|-------------------------|------|-----|-------------------------|------|-----|-------------------------|------|-----|-------------------------|------|-----|
|                                                                                      | 0°                      | 20°  | 40° | 0°                      | 20°  | 40° | 0°                      | 20°  | 40° | 0°                      | 20°  | 40° |
| 9.0                                                                                  | 60.5                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 10.0                                                                                 | 54.0                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 12.0                                                                                 | 44.0                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 14.0                                                                                 | 36.8                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 16.0                                                                                 | 31.5                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 18.0                                                                                 | 27.4                    |      |     | 38.0                    |      |     | 35.0                    |      |     |                         |      |     |
| 20.0                                                                                 | 24.2                    |      |     | 35.2                    |      |     | 33.4                    |      |     | 31.7                    |      |     |
| 22.0                                                                                 | 21.6                    | 17.0 |     | 31.8                    |      |     | 31.7                    |      |     | 30.3                    |      |     |
| 24.0                                                                                 | 19.4                    | 15.5 |     | 28.9                    |      |     | 29.1                    |      |     | 27.9                    |      |     |
| 26.0                                                                                 | 17.6                    | 14.4 |     | 26.3                    |      |     | 27.0                    |      |     | 26.0                    |      |     |
| 28.0                                                                                 | 16.1                    | 13.4 |     | 24.3                    |      |     | 24.8                    |      |     | 23.9                    |      |     |
| 30.0                                                                                 | 14.7                    | 12.2 |     | 22.3                    | 14.5 |     | 23.0                    | 14.8 |     | 22.5                    |      |     |
| 32.0                                                                                 | 13.4                    | 11.5 |     | 20.8                    | 13.7 |     | 21.3                    | 13.8 |     | 20.9                    |      |     |
| 34.0                                                                                 | 12.4                    | 10.6 | 9.2 | 19.4                    | 13.2 |     | 20.0                    | 13.1 |     | 19.6                    | 13.1 |     |
| 36.0                                                                                 | 11.5                    | 9.9  | 8.6 | 18.1                    | 12.5 |     | 18.8                    | 12.5 |     | 18.5                    | 12.5 |     |
| 38.0                                                                                 | 10.6                    | 9.3  | 8.1 | 16.8                    | 11.8 |     | 17.6                    | 11.8 |     | 17.3                    | 11.8 |     |
| 40.0                                                                                 | 9.7                     | 8.6  | 7.7 | 15.8                    | 11.2 | 8.6 | 16.3                    | 11.4 | 8.7 | 16.3                    | 11.3 |     |
| 42.0                                                                                 | 9.1                     | 8.2  | 7.5 | 14.9                    | 10.7 | 8.3 | 15.4                    | 11.1 | 8.4 | 15.5                    | 10.9 | 8.3 |
| 44.0                                                                                 | 8.5                     | 7.6  | 7.0 | 14.0                    | 10.3 | 8.0 | 14.4                    | 10.6 | 8.1 | 14.6                    | 10.6 | 7.9 |
| 46.0                                                                                 | 7.9                     | 7.3  | 6.7 | 13.2                    | 9.9  | 7.7 | 13.7                    | 10.2 | 7.9 | 13.7                    | 10.2 | 7.8 |
| 48.0                                                                                 | 7.6                     | 7.1  | 6.2 | 12.4                    | 9.5  | 7.5 | 13.1                    | 9.7  | 7.7 | 13.1                    | 9.8  | 7.6 |
| 50.0                                                                                 | 7.1                     | 6.6  | 6.0 | 11.8                    | 9.1  | 7.3 | 12.5                    | 9.3  | 7.6 | 12.4                    | 9.4  | 7.2 |
| 52.0                                                                                 | 6.6                     |      |     | 11.3                    | 8.8  | 7.1 | 11.8                    | 9.0  | 7.3 | 11.7                    | 9.0  | 7.1 |
| 54.0                                                                                 | 6.2                     |      |     | 10.8                    | 8.5  | 7.0 | 11.2                    | 8.7  | 7.1 | 11.0                    | 8.7  | 7.1 |
| 56.0                                                                                 |                         |      |     | 10.3                    | 8.1  | 6.7 | 10.7                    | 8.4  | 7.0 | 10.4                    | 8.4  | 6.8 |
| 58.0                                                                                 |                         |      |     | 9.9                     | 7.8  | 6.5 | 10.2                    | 8.1  | 6.9 | 9.8                     | 8.1  | 6.5 |
| 60.0                                                                                 |                         |      |     | 9.4                     | 7.5  | 6.4 | 9.8                     | 7.8  | 6.6 | 9.3                     | 7.9  | 6.4 |
| 64.0                                                                                 |                         |      |     | 8.3                     | 7.0  | 6.2 | 9.0                     | 7.3  | 6.3 | 8.3                     | 7.4  | 6.0 |
| 68.0                                                                                 |                         |      |     | 7.7                     | 6.5  | 6.1 | 8.0                     | 6.8  | 6.1 | 7.3                     | 6.9  | 6.0 |
| 72.0                                                                                 |                         |      |     | 7.2                     | 6.1  | 5.9 | 7.2                     | 6.4  | 6.0 | 6.7                     | 6.4  | 5.7 |
| 76.0                                                                                 |                         |      |     | 6.7                     |      |     | 6.5                     | 6.0  | 5.8 | 6.0                     | 5.8  | 5.7 |
| 80.0                                                                                 |                         |      |     |                         |      |     | 6.0                     |      |     | 5.2                     | 5.2  |     |
| 84.0                                                                                 |                         |      |     |                         |      |     | 5.2                     |      |     | 4.7                     | 4.7  |     |
| 88.0                                                                                 |                         |      |     |                         |      |     |                         |      |     | 4.1                     |      |     |



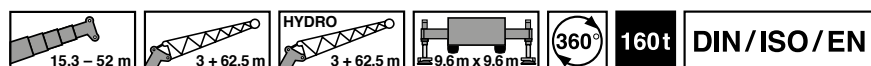
|  m | 15.3 m + 3.0 m + 38.5 m |      |     | 42.4 m + 3.0 m + 38.5 m |      |     | 47.2 m + 3.0 m + 38.5 m |      |     | 52.0 m + 3.0 m + 38.5 m |      |     |
|------------------------------------------------------------------------------------|-------------------------|------|-----|-------------------------|------|-----|-------------------------|------|-----|-------------------------|------|-----|
|                                                                                    | 0°                      | 20°  | 40° | 0°                      | 20°  | 40° | 0°                      | 20°  | 40° | 0°                      | 20°  | 40° |
| 9.0                                                                                | 60.5                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 10.0                                                                               | 54.0                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 12.0                                                                               | 44.0                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 14.0                                                                               | 36.8                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 16.0                                                                               | 31.5                    |      |     |                         |      |     |                         |      |     |                         |      |     |
| 18.0                                                                               | 27.4                    |      |     | 38.0                    |      |     | 35.0                    |      |     |                         |      |     |
| 20.0                                                                               | 24.2                    |      |     | 35.2                    |      |     | 33.4                    |      |     | 31.7                    |      |     |
| 22.0                                                                               | 21.6                    | 17.0 |     | 31.8                    |      |     | 31.7                    |      |     | 30.3                    |      |     |
| 24.0                                                                               | 19.4                    | 15.5 |     | 28.9                    |      |     | 29.1                    |      |     | 27.9                    |      |     |
| 26.0                                                                               | 17.6                    | 14.4 |     | 26.3                    |      |     | 27.0                    |      |     | 26.0                    |      |     |
| 28.0                                                                               | 16.1                    | 13.4 |     | 24.3                    |      |     | 24.8                    |      |     | 23.9                    |      |     |
| 30.0                                                                               | 14.7                    | 12.2 |     | 22.3                    | 14.5 |     | 23.0                    | 14.8 |     | 22.5                    |      |     |
| 32.0                                                                               | 13.4                    | 11.5 |     | 20.8                    | 13.7 |     | 21.3                    | 13.8 |     | 20.9                    |      |     |
| 34.0                                                                               | 12.4                    | 10.6 | 9.2 | 19.4                    | 13.2 |     | 20.0                    | 13.1 |     | 19.6                    | 13.1 |     |
| 36.0                                                                               | 11.5                    | 9.9  | 8.6 | 18.1                    | 12.5 |     | 18.8                    | 12.5 |     | 18.5                    | 12.5 |     |
| 38.0                                                                               | 10.6                    | 9.3  | 8.1 | 16.8                    | 11.8 |     | 17.6                    | 11.8 |     | 17.3                    | 11.8 |     |
| 40.0                                                                               | 9.7                     | 8.6  | 7.7 | 15.8                    | 11.2 | 8.6 | 16.3                    | 11.4 | 8.7 | 16.3                    | 11.3 |     |
| 42.0                                                                               | 9.1                     | 8.2  | 7.5 | 14.9                    | 10.7 | 8.3 | 15.4                    | 11.1 | 8.4 | 15.5                    | 10.9 | 8.3 |
| 44.0                                                                               | 8.5                     | 7.6  | 7.0 | 14.0                    | 10.3 | 8.0 | 14.4                    | 10.6 | 8.1 | 14.6                    | 10.6 | 7.9 |
| 46.0                                                                               | 7.9                     | 7.3  | 6.7 | 13.2                    | 9.9  | 7.7 | 13.7                    | 10.2 | 7.9 | 13.7                    | 10.2 | 7.8 |
| 48.0                                                                               | 7.6                     | 7.1  | 6.2 | 12.4                    | 9.5  | 7.5 | 12.8                    | 9.7  | 7.7 | 12.8                    | 9.8  | 7.6 |
| 50.0                                                                               | 7.1                     | 6.6  | 6.0 | 11.3                    | 9.1  | 7.3 | 11.5                    | 9.3  | 7.6 | 11.5                    | 9.4  | 7.2 |
| 52.0                                                                               | 6.6                     |      |     | 10.2                    | 8.8  | 7.1 | 10.4                    | 9.0  | 7.3 | 10.4                    | 9.0  | 7.1 |
| 54.0                                                                               | 6.2                     |      |     | 9.2                     | 8.5  | 7.0 | 9.3                     | 8.7  | 7.1 | 9.3                     | 8.7  | 7.1 |
| 56.0                                                                               |                         |      |     | 8.2                     | 8.1  | 6.7 | 8.4                     | 8.4  | 7.0 | 8.4                     | 8.4  | 6.8 |
| 58.0                                                                               |                         |      |     | 7.3                     | 7.8  | 6.5 | 7.5                     | 8.1  | 6.9 | 7.5                     | 8.1  | 6.5 |
| 60.0                                                                               |                         |      |     | 6.5                     | 7.5  | 6.4 | 6.7                     | 7.8  | 6.6 | 6.7                     | 7.9  | 6.4 |
| 64.0                                                                               |                         |      |     | 5.1                     | 6.9  | 6.2 | 5.2                     | 7.0  | 6.3 | 5.2                     | 7.1  | 6.0 |
| 68.0                                                                               |                         |      |     | 3.8                     | 5.4  | 6.1 | 3.9                     | 5.5  | 6.1 | 3.9                     | 5.6  | 6.0 |
| 72.0                                                                               |                         |      |     | 2.7                     | 4.0  | 4.8 | 2.8                     | 4.2  | 5.2 | 2.8                     | 4.3  | 5.4 |
| 76.0                                                                               |                         |      |     |                         |      |     |                         | 2.9  | 3.6 |                         | 3.1  | 4.0 |
| 80.0                                                                               |                         |      |     |                         |      |     |                         |      |     |                         | 2.0  |     |



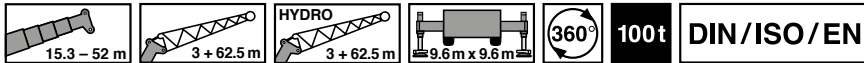
|  m | 15.3 m + 3.0 m + 50.5 m |      |     | 42.4 m + 3.0 m + 50.5 m |     |     | 47.2 m + 3.0 m + 50.5 m |     |     | 52.0 m + 3.0 m + 50.5 m |     |     |
|--------------------------------------------------------------------------------------|-------------------------|------|-----|-------------------------|-----|-----|-------------------------|-----|-----|-------------------------|-----|-----|
|                                                                                      | 0°                      | 20°  | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° |
| 12.0                                                                                 | 39.9                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 14.0                                                                                 | 33.4                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 16.0                                                                                 | 28.5                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 18.0                                                                                 | 24.7                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 20.0                                                                                 | 21.8                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 22.0                                                                                 | 19.4                    |      |     | 25.7                    |     |     | 24.1                    |     |     | 22.4                    |     |     |
| 24.0                                                                                 | 17.3                    |      |     | 23.6                    |     |     | 23.5                    |     |     | 22.0                    |     |     |
| 26.0                                                                                 | 15.5                    |      |     | 21.6                    |     |     | 21.8                    |     |     | 20.7                    |     |     |
| 28.0                                                                                 | 14.1                    | 11.3 |     | 19.8                    |     |     | 20.1                    |     |     | 19.4                    |     |     |
| 30.0                                                                                 | 12.8                    | 10.4 |     | 18.3                    |     |     | 18.7                    |     |     | 18.0                    |     |     |
| 32.0                                                                                 | 11.7                    | 9.5  |     | 16.9                    |     |     | 17.3                    |     |     | 17.0                    |     |     |
| 34.0                                                                                 | 10.7                    | 8.7  |     | 15.6                    |     |     | 16.1                    |     |     | 16.3                    |     |     |
| 36.0                                                                                 | 9.7                     | 8.2  |     | 14.5                    | 9.5 |     | 15.0                    | 9.7 |     | 15.2                    |     |     |
| 38.0                                                                                 | 9.0                     | 7.5  |     | 13.6                    | 9.1 |     | 14.0                    | 9.1 |     | 14.1                    |     |     |
| 40.0                                                                                 | 8.3                     | 7.0  |     | 12.7                    | 8.6 |     | 13.1                    | 8.7 |     | 13.3                    |     |     |
| 42.0                                                                                 | 7.7                     | 6.5  |     | 11.9                    | 8.0 |     | 12.2                    | 8.2 |     | 12.5                    | 8.3 |     |
| 44.0                                                                                 | 7.1                     | 6.1  | 5.2 | 11.2                    | 7.7 |     | 11.5                    | 7.7 |     | 11.7                    | 7.9 |     |
| 46.0                                                                                 | 6.5                     | 5.6  | 4.8 | 10.5                    | 7.4 |     | 10.9                    | 7.2 |     | 11.0                    | 7.6 |     |
| 48.0                                                                                 | 6.0                     | 5.3  | 4.6 | 9.8                     | 6.9 | 5.1 | 10.2                    | 6.9 |     | 10.4                    | 7.3 |     |
| 50.0                                                                                 | 5.6                     | 5.0  | 4.3 | 9.2                     | 6.4 | 4.9 | 9.7                     | 6.7 | 4.9 | 9.8                     | 6.8 |     |
| 52.0                                                                                 | 5.2                     | 4.6  | 4.0 | 8.7                     | 6.2 | 4.8 | 9.2                     | 6.3 | 4.8 | 9.3                     | 6.5 |     |
| 54.0                                                                                 | 4.8                     | 4.3  | 3.8 | 8.2                     | 6.0 | 4.7 | 8.7                     | 6.0 | 4.7 | 8.8                     | 6.2 |     |
| 56.0                                                                                 | 4.5                     | 4.0  | 3.5 | 7.8                     | 5.6 | 4.5 | 8.2                     | 5.7 | 4.5 | 8.3                     | 5.9 |     |
| 58.0                                                                                 | 4.1                     | 3.7  | 3.2 | 7.4                     | 5.3 | 4.3 | 7.7                     | 5.5 | 4.4 | 7.8                     | 5.7 | 3.4 |
| 60.0                                                                                 | 3.8                     | 3.4  | 2.9 | 7.0                     | 5.0 | 4.1 | 7.3                     | 5.3 | 4.2 | 7.4                     | 5.4 | 3.2 |
| 64.0                                                                                 | 3.2                     |      |     | 6.2                     | 4.7 | 3.6 | 6.6                     | 4.8 | 3.9 | 6.4                     | 4.9 | 2.8 |
| 68.0                                                                                 |                         |      |     | 5.6                     | 4.1 | 3.3 | 5.9                     | 4.4 | 3.5 | 5.5                     | 4.6 | 2.5 |
| 72.0                                                                                 |                         |      |     | 5.0                     | 3.9 | 3.0 | 5.4                     | 4.1 | 3.2 | 4.8                     | 4.4 | 2.2 |
| 76.0                                                                                 |                         |      |     | 4.5                     | 3.6 | 2.8 | 4.8                     | 3.7 | 3.0 | 4.2                     | 3.9 |     |
| 80.0                                                                                 |                         |      |     | 4.0                     | 3.3 | 2.8 | 4.3                     | 3.4 | 2.9 | 3.7                     | 3.6 |     |
| 84.0                                                                                 |                         |      |     | 3.6                     | 3.0 | 2.8 | 3.9                     | 3.2 | 2.9 | 3.2                     | 3.1 |     |
| 88.0                                                                                 |                         |      |     |                         |     |     | 3.4                     | 3.0 | 2.6 | 2.6                     | 2.7 |     |
| 92.0                                                                                 |                         |      |     |                         |     |     | 2.9                     |     |     | 2.1                     | 2.2 |     |
| 96.0                                                                                 |                         |      |     |                         |     |     | 2.5                     |     |     |                         |     |     |



|  m | 15.3 m + 3.0 m + 50.5 m |      |     | 42.4 m + 3.0 m + 50.5 m |     |     | 47.2 m + 3.0 m + 50.5 m |     |     | 52.0 m + 3.0 m + 50.5 m |     |     |
|------------------------------------------------------------------------------------|-------------------------|------|-----|-------------------------|-----|-----|-------------------------|-----|-----|-------------------------|-----|-----|
|                                                                                    | 0°                      | 20°  | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° |
| 12.0                                                                               | 39.9                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 14.0                                                                               | 33.4                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 16.0                                                                               | 28.5                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 18.0                                                                               | 24.7                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 20.0                                                                               | 21.8                    |      |     |                         |     |     |                         |     |     |                         |     |     |
| 22.0                                                                               | 19.4                    |      |     | 25.7                    |     |     | 24.1                    |     |     | 22.4                    |     |     |
| 24.0                                                                               | 17.3                    |      |     | 23.6                    |     |     | 23.5                    |     |     | 22.0                    |     |     |
| 26.0                                                                               | 15.5                    |      |     | 21.6                    |     |     | 21.8                    |     |     | 20.7                    |     |     |
| 28.0                                                                               | 14.1                    | 11.3 |     | 19.8                    |     |     | 20.1                    |     |     | 19.4                    |     |     |
| 30.0                                                                               | 12.8                    | 10.4 |     | 18.3                    |     |     | 18.7                    |     |     | 18.0                    |     |     |
| 32.0                                                                               | 11.7                    | 9.5  |     | 16.9                    |     |     | 17.3                    |     |     | 17.0                    |     |     |
| 34.0                                                                               | 10.7                    | 8.7  |     | 15.6                    |     |     | 16.1                    |     |     | 16.3                    |     |     |
| 36.0                                                                               | 9.7                     | 8.2  |     | 14.5                    | 9.5 |     | 15.0                    | 9.7 |     | 15.2                    |     |     |
| 38.0                                                                               | 9.0                     | 7.5  |     | 13.6                    | 9.1 |     | 14.0                    | 9.1 |     | 14.1                    |     |     |
| 40.0                                                                               | 8.3                     | 7.0  |     | 12.7                    | 8.6 |     | 13.1                    | 8.7 |     | 13.3                    |     |     |
| 42.0                                                                               | 7.7                     | 6.5  |     | 11.9                    | 8.0 |     | 12.2                    | 8.2 |     | 12.5                    | 8.3 |     |
| 44.0                                                                               | 7.1                     | 6.1  | 5.2 | 11.2                    | 7.7 |     | 11.5                    | 7.7 |     | 11.7                    | 7.9 |     |
| 46.0                                                                               | 6.5                     | 5.6  | 4.8 | 10.5                    | 7.4 |     | 10.9                    | 7.2 |     | 11.0                    | 7.6 |     |
| 48.0                                                                               | 6.0                     | 5.3  | 4.6 | 9.8                     | 6.9 | 5.1 | 10.2                    | 6.9 |     | 10.4                    | 7.3 |     |
| 50.0                                                                               | 5.6                     | 5.0  | 4.3 | 9.2                     | 6.4 | 4.9 | 9.7                     | 6.7 | 4.9 | 9.8                     | 6.8 |     |
| 52.0                                                                               | 5.2                     | 4.6  | 4.0 | 8.7                     | 6.2 | 4.8 | 9.2                     | 6.3 | 4.8 | 9.3                     | 6.5 |     |
| 54.0                                                                               | 4.8                     | 4.3  | 3.8 | 8.2                     | 6.0 | 4.7 | 8.7                     | 6.0 | 4.7 | 8.8                     | 6.2 |     |
| 56.0                                                                               | 4.5                     | 4.0  | 3.5 | 7.8                     | 5.6 | 4.5 | 8.1                     | 5.7 | 4.5 | 8.2                     | 5.9 |     |
| 58.0                                                                               | 4.1                     | 3.7  | 3.2 | 7.4                     | 5.3 | 4.3 | 7.6                     | 5.5 | 4.4 | 7.6                     | 5.7 | 3.4 |
| 60.0                                                                               | 3.8                     | 3.4  | 2.9 | 6.9                     | 5.0 | 4.1 | 6.8                     | 5.3 | 4.2 | 6.7                     | 5.4 | 3.2 |
| 64.0                                                                               | 3.2                     |      |     | 5.4                     | 4.7 | 3.6 | 5.3                     | 4.8 | 3.9 | 5.2                     | 4.9 | 2.8 |
| 68.0                                                                               |                         |      |     | 4.1                     | 4.1 | 3.3 | 4.0                     | 4.4 | 3.5 | 3.9                     | 4.6 | 2.5 |
| 72.0                                                                               |                         |      |     | 3.0                     | 3.9 | 3.0 | 2.9                     | 4.1 | 3.2 | 2.8                     | 4.4 | 2.2 |
| 76.0                                                                               |                         |      |     | 2.0                     | 3.6 | 2.8 | 1.9                     | 3.7 | 3.0 |                         | 3.8 |     |
| 80.0                                                                               |                         |      |     |                         | 2.5 | 2.8 |                         | 2.6 | 2.9 |                         | 2.6 |     |
| 84.0                                                                               |                         |      |     |                         |     | 2.1 |                         |     | 2.4 |                         |     |     |



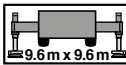
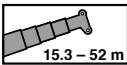
|  m | 15.3 m + 3.0 m + 62.5 m |     |     | 42.4 m + 3.0 m + 62.5 m |     |     | 47.2 m + 3.0 m + 62.5 m |     |     | 52.0 m + 3.0 m + 62.5 m |     |     |
|--------------------------------------------------------------------------------------|-------------------------|-----|-----|-------------------------|-----|-----|-------------------------|-----|-----|-------------------------|-----|-----|
|                                                                                      | 0°                      | 20° | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° |
| 14.0                                                                                 | 31.3                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 16.0                                                                                 | 26.7                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 18.0                                                                                 | 23.1                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 20.0                                                                                 | 20.3                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 22.0                                                                                 | 17.9                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 24.0                                                                                 | 16.0                    |     |     | 19.4                    |     |     | 18.6                    |     |     |                         |     |     |
| 26.0                                                                                 | 14.3                    |     |     | 18.1                    |     |     | 18.4                    |     |     | 14.9                    |     |     |
| 28.0                                                                                 | 12.9                    |     |     | 16.8                    |     |     | 17.7                    |     |     | 14.8                    |     |     |
| 30.0                                                                                 | 11.7                    |     |     | 15.6                    |     |     | 16.3                    |     |     | 14.4                    |     |     |
| 32.0                                                                                 | 10.6                    |     |     | 14.4                    |     |     | 15.0                    |     |     | 13.6                    |     |     |
| 34.0                                                                                 | 9.6                     |     |     | 13.4                    |     |     | 14.0                    |     |     | 13.0                    |     |     |
| 36.0                                                                                 | 8.8                     | 7.2 |     | 12.3                    |     |     | 12.9                    |     |     | 12.3                    |     |     |
| 38.0                                                                                 | 8.1                     | 6.6 |     | 11.5                    |     |     | 12.1                    |     |     | 11.2                    |     |     |
| 40.0                                                                                 | 7.4                     | 6.1 |     | 10.7                    |     |     | 11.2                    |     |     | 10.2                    |     |     |
| 42.0                                                                                 | 6.8                     | 5.6 |     | 10.0                    |     |     | 10.4                    |     |     | 9.5                     |     |     |
| 44.0                                                                                 | 6.2                     | 5.1 |     | 9.3                     | 6.2 |     | 9.8                     | 6.1 |     | 8.9                     |     |     |
| 46.0                                                                                 | 5.6                     | 4.8 |     | 8.7                     | 5.7 |     | 9.1                     | 5.8 |     | 8.4                     |     |     |
| 48.0                                                                                 | 5.1                     | 4.4 |     | 8.1                     | 5.5 |     | 8.6                     | 5.5 |     | 7.9                     | 5.3 |     |
| 50.0                                                                                 | 4.7                     | 4.0 |     | 7.6                     | 5.3 |     | 8.0                     | 5.2 |     | 7.4                     | 5.0 |     |
| 52.0                                                                                 | 4.3                     | 3.7 |     | 7.1                     | 4.9 |     | 7.5                     | 4.9 |     | 6.9                     | 4.7 |     |
| 54.0                                                                                 | 4.0                     | 3.4 | 2.7 | 6.7                     | 4.5 |     | 7.1                     | 4.6 |     | 6.5                     | 4.5 |     |
| 56.0                                                                                 | 3.6                     | 3.1 | 2.4 | 6.3                     | 4.2 |     | 6.7                     | 4.3 |     | 6.1                     | 4.2 |     |
| 58.0                                                                                 | 3.3                     | 2.8 | 2.2 | 5.9                     | 3.9 |     | 6.3                     | 4.1 |     | 5.8                     | 4.0 |     |
| 60.0                                                                                 | 3.0                     | 2.5 | 2.0 | 5.5                     | 3.7 | 2.6 | 5.9                     | 3.9 | 2.6 | 5.5                     | 3.8 |     |
| 64.0                                                                                 | 2.5                     | 2.1 |     | 4.9                     | 3.3 | 2.3 | 5.2                     | 3.5 | 2.3 | 4.9                     | 3.4 | 2.3 |
| 68.0                                                                                 | 2.0                     |     |     | 4.1                     | 2.9 | 2.0 | 4.6                     | 3.1 | 2.1 | 4.4                     | 3.0 | 2.0 |
| 72.0                                                                                 |                         |     |     | 3.7                     | 2.6 |     | 4.1                     | 2.8 |     | 3.9                     | 2.7 |     |
| 76.0                                                                                 |                         |     |     | 3.3                     | 2.3 |     | 3.6                     | 2.5 |     | 3.4                     | 2.4 |     |
| 80.0                                                                                 |                         |     |     | 2.9                     | 2.0 |     | 3.2                     | 2.2 |     | 2.9                     | 2.2 |     |
| 84.0                                                                                 |                         |     |     | 2.5                     |     |     | 2.8                     | 2.0 |     | 2.5                     |     |     |
| 88.0                                                                                 |                         |     |     | 2.1                     |     |     | 2.5                     |     |     | 2.0                     |     |     |
| 92.0                                                                                 |                         |     |     |                         |     |     | 2.1                     |     |     |                         |     |     |



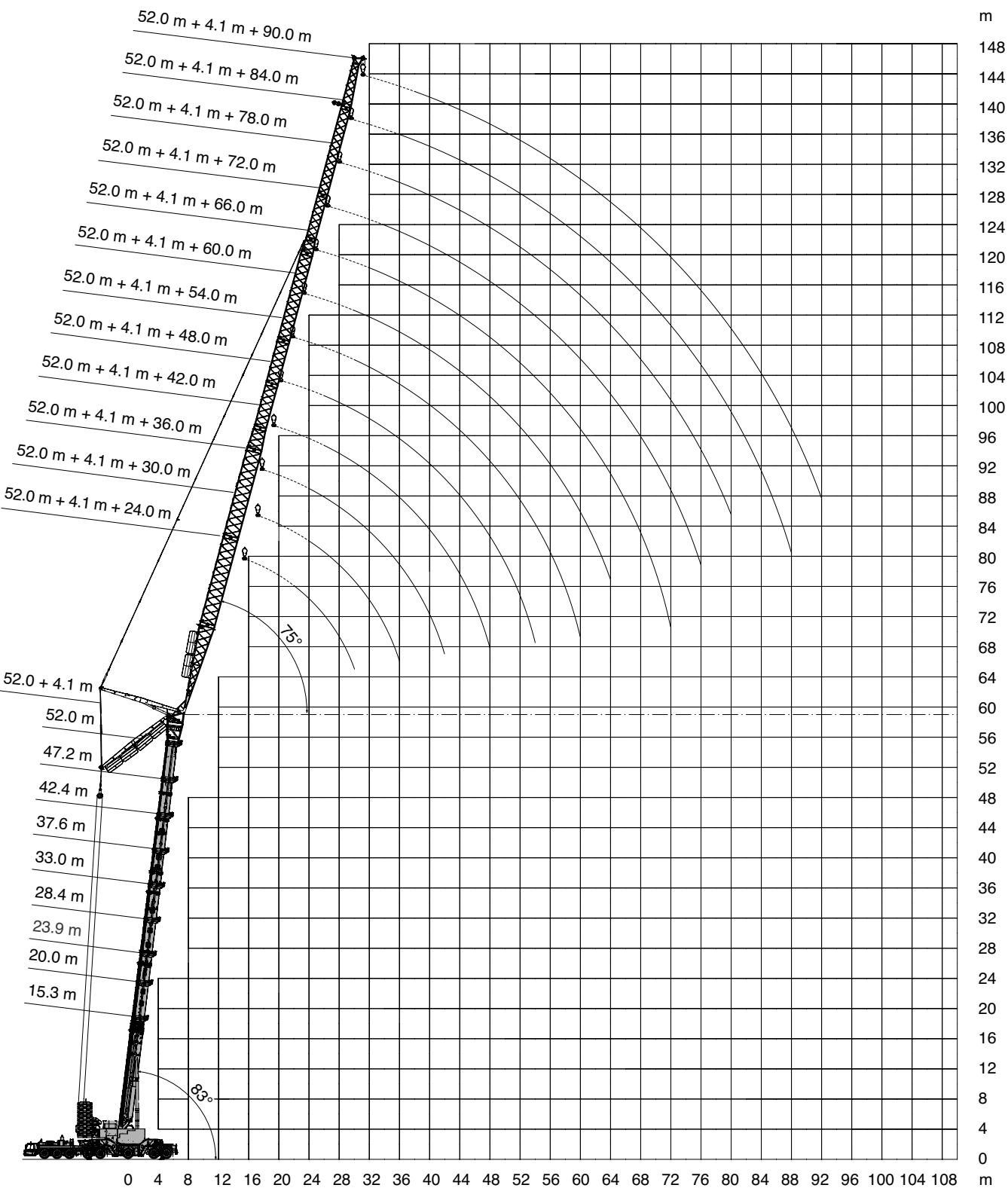
|  m | 15.3 m + 3.0 m + 62.5 m |     |     | 42.4 m + 3.0 m + 62.5 m |     |     | 47.2 m + 3.0 m + 62.5 m |     |     | 52.0 m + 3.0 m + 62.5 m |     |     |
|------------------------------------------------------------------------------------|-------------------------|-----|-----|-------------------------|-----|-----|-------------------------|-----|-----|-------------------------|-----|-----|
|                                                                                    | 0°                      | 20° | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° | 0°                      | 20° | 40° |
| 14.0                                                                               | 31.3                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 16.0                                                                               | 26.7                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 18.0                                                                               | 23.1                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 20.0                                                                               | 20.3                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 22.0                                                                               | 17.9                    |     |     |                         |     |     |                         |     |     |                         |     |     |
| 24.0                                                                               | 16.0                    |     |     | 19.4                    |     |     | 18.6                    |     |     |                         |     |     |
| 26.0                                                                               | 14.3                    |     |     | 18.1                    |     |     | 18.4                    |     |     | 14.9                    |     |     |
| 28.0                                                                               | 12.9                    |     |     | 16.8                    |     |     | 17.7                    |     |     | 14.8                    |     |     |
| 30.0                                                                               | 11.7                    |     |     | 15.6                    |     |     | 16.3                    |     |     | 14.4                    |     |     |
| 32.0                                                                               | 10.6                    |     |     | 14.4                    |     |     | 15.0                    |     |     | 13.6                    |     |     |
| 34.0                                                                               | 9.6                     |     |     | 13.4                    |     |     | 14.0                    |     |     | 13.0                    |     |     |
| 36.0                                                                               | 8.8                     | 7.2 |     | 12.3                    |     |     | 12.9                    |     |     | 12.3                    |     |     |
| 38.0                                                                               | 8.1                     | 6.6 |     | 11.5                    |     |     | 12.1                    |     |     | 11.2                    |     |     |
| 40.0                                                                               | 7.4                     | 6.1 |     | 10.7                    |     |     | 11.2                    |     |     | 10.2                    |     |     |
| 42.0                                                                               | 6.8                     | 5.6 |     | 10.0                    |     |     | 10.4                    |     |     | 9.5                     |     |     |
| 44.0                                                                               | 6.2                     | 5.1 |     | 9.3                     | 6.2 |     | 9.8                     | 6.1 |     | 8.9                     |     |     |
| 46.0                                                                               | 5.6                     | 4.8 |     | 8.7                     | 5.7 |     | 9.1                     | 5.8 |     | 8.4                     |     |     |
| 48.0                                                                               | 5.1                     | 4.4 |     | 8.1                     | 5.5 |     | 8.6                     | 5.5 |     | 7.9                     | 5.3 |     |
| 50.0                                                                               | 4.7                     | 4.0 |     | 7.6                     | 5.3 |     | 8.0                     | 5.2 |     | 7.4                     | 5.0 |     |
| 52.0                                                                               | 4.3                     | 3.7 |     | 7.1                     | 4.9 |     | 7.5                     | 4.9 |     | 6.9                     | 4.7 |     |
| 54.0                                                                               | 4.0                     | 3.4 | 2.7 | 6.7                     | 4.5 |     | 7.1                     | 4.6 |     | 6.5                     | 4.5 |     |
| 56.0                                                                               | 3.6                     | 3.1 | 2.4 | 6.3                     | 4.2 |     | 6.7                     | 4.3 |     | 6.1                     | 4.2 |     |
| 58.0                                                                               | 3.3                     | 2.8 | 2.2 | 5.9                     | 3.9 |     | 6.3                     | 4.1 |     | 5.8                     | 4.0 |     |
| 60.0                                                                               | 3.0                     | 2.5 | 2.0 | 5.5                     | 3.7 | 2.6 | 5.9                     | 3.9 | 2.6 | 5.5                     | 3.8 |     |
| 64.0                                                                               | 2.5                     | 2.1 |     | 4.9                     | 3.3 | 2.3 | 5.2                     | 3.5 | 2.3 | 4.9                     | 3.4 | 2.3 |
| 68.0                                                                               | 2.0                     |     |     | 4.1                     | 2.9 | 2.0 | 4.2                     | 3.1 | 2.1 | 4.0                     | 3.0 | 2.0 |
| 72.0                                                                               |                         |     |     | 3.2                     | 2.6 |     | 3.0                     | 2.8 |     | 2.9                     | 2.7 |     |
| 76.0                                                                               |                         |     |     | 2.2                     | 2.3 |     | 2.0                     | 2.5 |     |                         | 2.4 |     |
| 80.0                                                                               |                         |     |     |                         | 2.0 |     |                         | 2.2 |     |                         | 2.2 |     |
| 84.0                                                                               |                         |     |     |                         |     |     |                         | 2.0 |     |                         |     |     |

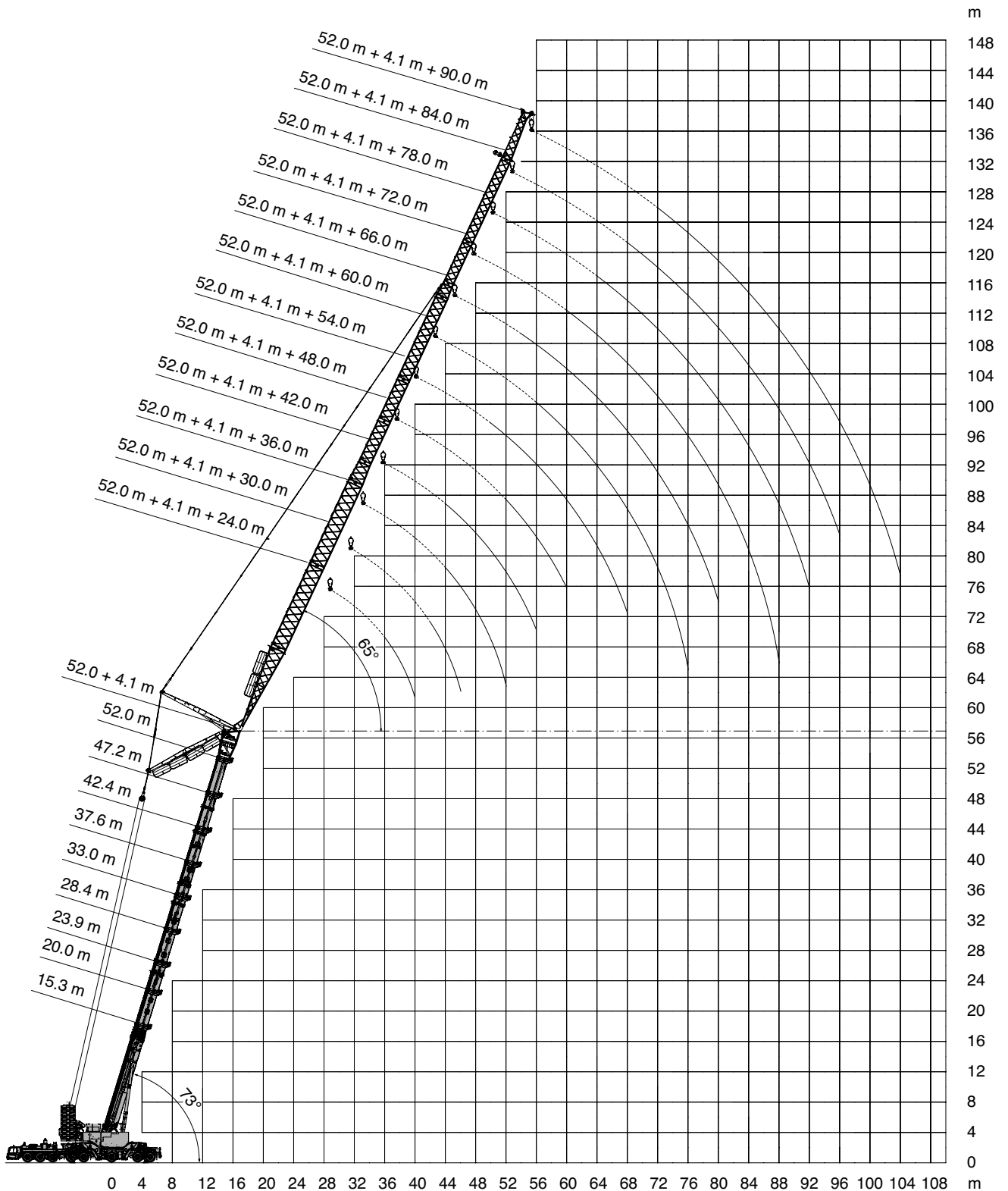
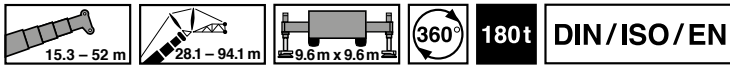
Operation · Einsatz · Utilisation  
Uso · Эксплуатация

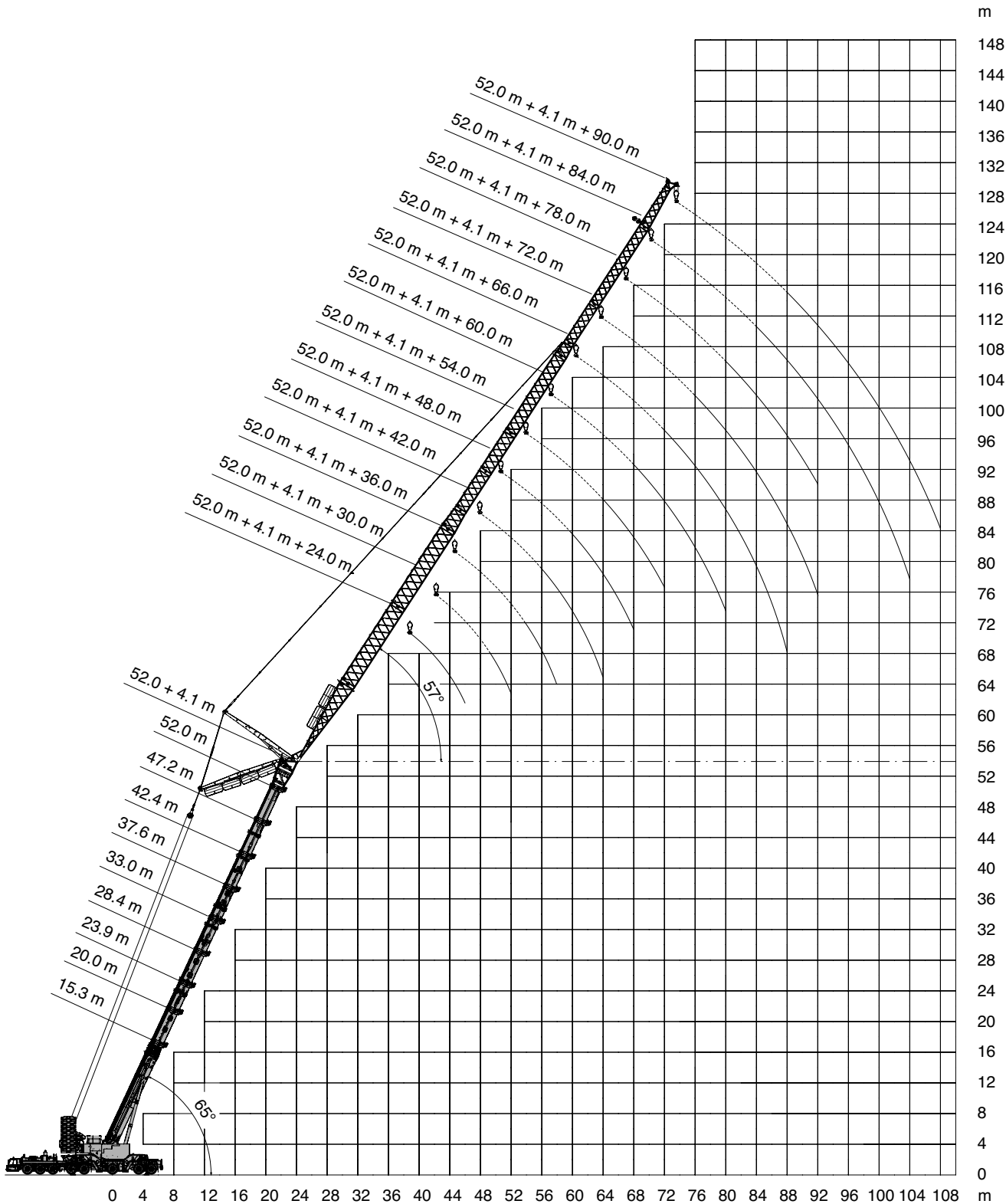
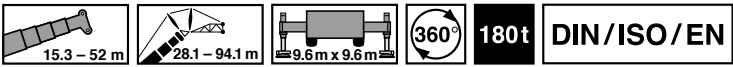
Working range · Arbeitsbereich · Rayon de travail  
Zona de trabajo · Area di lavoro · Рабочая зона

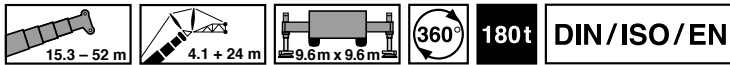


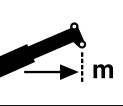
DIN/ISO/EN

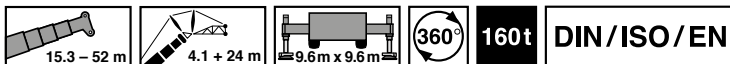


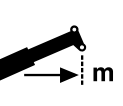


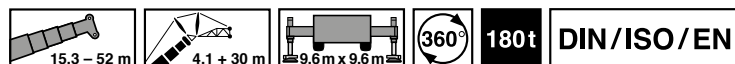




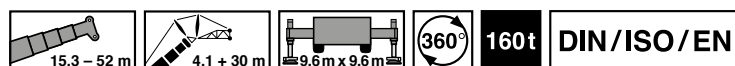
|  m | 15.3 m + 4.1 m + 24.0 m |      |      | 23.9 m + 4.1 m + 24.0 m |      |      | 33.0 m + 4.1 m + 24.0 m |      |      | 42.4 m + 4.1 m + 24.0 m |      |      | 52.0 m + 4.1 m + 24.0 m |      |     |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° |
| 16.0                                                                               |                         |      |      | 114.8                   |      |      | 109.4                   |      |      |                         |      |      |                         |      |     |
| 18.0                                                                               |                         |      |      | 103.7                   |      |      | 107.9                   |      |      |                         |      |      |                         |      |     |
| 20.0                                                                               |                         | 88.5 |      | 95.4                    |      |      | 98.4                    |      |      | 84.0                    |      |      |                         |      |     |
| 22.0                                                                               |                         | 81.7 |      | 89.1                    |      |      | 88.7                    |      |      | 77.7                    |      |      | 54.9                    |      |     |
| 24.0                                                                               |                         | 76.6 |      | 82.1                    | 71.9 |      | 80.7                    |      |      | 72.8                    |      |      | 52.4                    |      |     |
| 26.0                                                                               |                         | 72.9 | 68.4 | 74.8                    | 67.3 |      | 73.9                    |      |      | 68.5                    |      |      | 50.2                    |      |     |
| 28.0                                                                               |                         | 68.5 | 64.6 |                         | 63.7 |      | 68.1                    | 61.3 |      | 64.4                    |      |      | 48.2                    |      |     |
| 30.0                                                                               |                         |      | 61.9 |                         | 60.6 | 54.8 |                         | 58.0 |      |                         |      |      | 45.5                    |      |     |
| 32.0                                                                               |                         |      |      |                         | 56.4 | 52.0 |                         | 54.1 |      |                         | 49.7 |      |                         |      |     |
| 34.0                                                                               |                         |      |      |                         |      | 49.9 |                         | 50.5 | 44.0 |                         | 47.2 |      |                         |      |     |
| 36.0                                                                               |                         |      |      |                         |      |      |                         |      | 43.5 |                         | 45.1 |      |                         | 33.7 |     |
| 38.0                                                                               |                         |      |      |                         |      |      |                         |      | 40.7 |                         |      |      |                         | 32.7 |     |
| 40.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 35.3 |                         | 31.7 |     |
| 42.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 33.0 |                         |      |     |



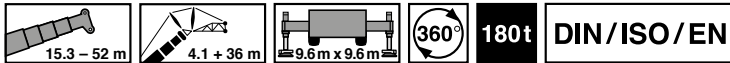
|  m | 15.3 m + 4.1 m + 24.0 m |      |      | 23.9 m + 4.1 m + 24.0 m |      |      | 33.0 m + 4.1 m + 24.0 m |      |      | 42.4 m + 4.1 m + 24.0 m |      |      | 52.0 m + 4.1 m + 24.0 m |      |     |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° |
| 14.0                                                                                 | 125.6                   |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |     |
| 16.0                                                                                 | 112.4                   |      |      | 114.8                   |      |      | 109.4                   |      |      |                         |      |      |                         |      |     |
| 18.0                                                                                 | 102.2                   |      |      | 103.7                   |      |      | 104.5                   |      |      |                         |      |      |                         |      |     |
| 20.0                                                                                 | 95.1                    | 88.5 |      | 94.8                    |      |      | 93.2                    |      |      | 84.0                    |      |      |                         |      |     |
| 22.0                                                                                 | 87.1                    | 81.7 |      | 85.5                    |      |      | 84.0                    |      |      | 77.7                    |      |      | 54.9                    |      |     |
| 24.0                                                                                 | 77.2                    | 76.6 |      | 77.7                    | 71.9 |      | 76.3                    |      |      | 72.8                    |      |      | 52.4                    |      |     |
| 26.0                                                                                 | 59.2                    | 70.3 | 68.4 | 71.2                    | 66.9 |      | 69.9                    |      |      | 68.5                    |      |      | 50.2                    |      |     |
| 28.0                                                                                 |                         | 64.8 | 63.0 |                         | 61.6 |      | 64.4                    | 59.0 |      | 63.3                    |      |      | 48.2                    |      |     |
| 30.0                                                                                 |                         |      | 58.4 |                         | 56.9 | 53.3 |                         | 53.9 |      |                         |      |      | 45.5                    |      |     |
| 32.0                                                                                 |                         |      |      |                         | 52.3 | 48.9 |                         | 49.4 |      |                         | 47.0 |      |                         |      |     |
| 34.0                                                                                 |                         |      |      |                         |      | 45.1 |                         | 45.6 | 41.3 |                         | 43.3 |      |                         |      |     |
| 36.0                                                                                 |                         |      |      |                         |      |      |                         |      | 38.2 |                         | 40.1 |      |                         | 33.7 |     |
| 38.0                                                                                 |                         |      |      |                         |      |      |                         |      | 35.5 |                         |      |      |                         | 32.7 |     |
| 40.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 30.4 |                         | 31.7 |     |
| 42.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 28.4 |                         |      |     |

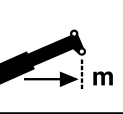


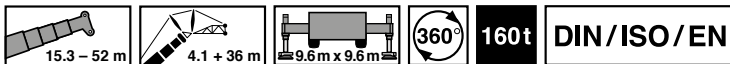
|  m | 15.3 m + 4.1 m + 30.0 m |      |      | 23.9 m + 4.1 m + 30.0 m |      |      | 33.0 m + 4.1 m + 30.0 m |      |      | 42.4 m + 4.1 m + 30.0 m |      |      | 52.0 m + 4.1 m + 30.0 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 16.0                                                                               | 112.9                   |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 18.0                                                                               | 101.3                   |      |      | 105.3                   |      |      | 97.6                    |      |      |                         |      |      |                         |      |      |
| 20.0                                                                               | 92.4                    |      |      | 95.5                    |      |      | 97.3                    |      |      |                         |      |      |                         |      |      |
| 22.0                                                                               | 85.4                    | 82.1 |      | 87.6                    |      |      | 87.7                    |      |      | 74.9                    |      |      |                         |      |      |
| 24.0                                                                               | 80.0                    | 75.7 |      | 81.1                    |      |      | 79.7                    |      |      | 71.0                    |      |      | 48.0                    |      |      |
| 26.0                                                                               | 75.9                    | 70.5 |      | 74.3                    | 67.8 |      | 72.9                    |      |      | 66.5                    |      |      | 46.0                    |      |      |
| 28.0                                                                               | 69.9                    | 66.3 | 64.3 | 68.4                    | 63.2 |      | 67.2                    |      |      | 62.5                    |      |      | 44.2                    |      |      |
| 30.0                                                                               | 63.3                    | 62.6 | 60.1 | 63.4                    | 59.3 |      | 62.2                    | 57.0 |      | 59.0                    |      |      | 42.5                    |      |      |
| 32.0                                                                               |                         | 58.3 | 56.6 | 59.0                    | 55.4 | 52.2 | 57.9                    | 53.0 |      | 56.3                    |      |      | 41.1                    |      |      |
| 34.0                                                                               |                         | 54.5 | 52.9 |                         | 51.8 | 49.1 | 54.1                    | 49.5 |      | 52.0                    |      |      | 40.0                    |      |      |
| 36.0                                                                               |                         |      | 49.6 |                         | 48.5 | 46.0 |                         | 46.4 |      |                         | 44.0 |      | 37.7                    |      |      |
| 38.0                                                                               |                         |      |      |                         | 45.7 | 43.1 |                         | 43.5 | 39.6 |                         | 41.4 |      |                         |      |      |
| 40.0                                                                               |                         |      |      |                         |      | 40.3 |                         | 40.7 | 36.9 |                         | 38.6 |      |                         |      |      |
| 42.0                                                                               |                         |      |      |                         |      |      |                         |      | 34.6 |                         | 36.2 |      |                         | 28.0 |      |
| 44.0                                                                               |                         |      |      |                         |      |      |                         |      | 32.5 |                         |      | 29.9 |                         | 27.3 |      |
| 46.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 28.1 |                         | 26.7 |      |
| 48.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 26.5 |                         |      |      |
| 50.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 22.6 |
| 52.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 21.6 |

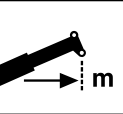


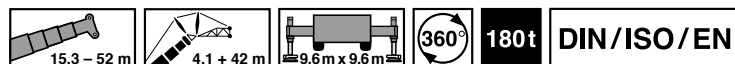
|  m | 15.3 m + 4.1 m + 30.0 m |      |      | 23.9 m + 4.1 m + 30.0 m |      |      | 33.0 m + 4.1 m + 30.0 m |      |      | 42.4 m + 4.1 m + 30.0 m |      |      | 52.0 m + 4.1 m + 30.0 m |      |      |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 16.0                                                                                 | 97.1                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 18.0                                                                                 | 86.9                    |      |      | 85.0                    |      |      | 83.5                    |      |      |                         |      |      |                         |      |      |
| 20.0                                                                                 | 78.5                    |      |      | 76.8                    |      |      | 75.4                    |      |      |                         |      |      |                         |      |      |
| 22.0                                                                                 | 71.5                    | 68.6 |      | 69.9                    |      |      | 68.5                    |      |      | 67.4                    |      |      |                         |      |      |
| 24.0                                                                                 | 65.5                    | 62.8 |      | 64.0                    |      |      | 62.7                    |      |      | 61.6                    |      |      | 48.0                    |      |      |
| 26.0                                                                                 | 60.3                    | 57.8 |      | 58.9                    | 54.6 |      | 57.7                    |      |      | 56.7                    |      |      | 46.0                    |      |      |
| 28.0                                                                                 | 55.9                    | 53.5 | 51.7 | 54.5                    | 50.5 |      | 53.4                    |      |      | 52.4                    |      |      | 44.2                    |      |      |
| 30.0                                                                                 | 52.0                    | 49.8 | 48.1 | 50.7                    | 47.0 |      | 49.6                    | 44.6 |      | 48.7                    |      |      | 42.5                    |      |      |
| 32.0                                                                                 |                         | 46.5 | 44.9 | 47.3                    | 43.8 | 41.0 | 46.3                    | 41.6 |      | 45.4                    |      |      | 41.1                    |      |      |
| 34.0                                                                                 |                         | 43.6 | 42.0 |                         | 41.0 | 38.4 | 43.4                    | 38.9 |      | 42.5                    |      |      | 40.0                    |      |      |
| 36.0                                                                                 |                         |      | 39.5 |                         | 38.5 | 36.1 |                         | 36.5 |      |                         | 34.8 |      | 37.7                    |      |      |
| 38.0                                                                                 |                         |      |      |                         | 36.3 | 33.9 |                         | 34.4 | 31.2 |                         | 32.7 |      |                         |      |      |
| 40.0                                                                                 |                         |      |      |                         |      | 32.0 |                         | 32.4 | 29.4 |                         | 30.8 |      |                         |      |      |
| 42.0                                                                                 |                         |      |      |                         |      |      |                         |      | 27.8 |                         | 29.1 |      |                         | 27.8 |      |
| 44.0                                                                                 |                         |      |      |                         |      |      |                         |      | 26.3 |                         |      | 24.2 |                         | 26.3 |      |
| 46.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 23.0 |                         | 24.9 |      |
| 48.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 21.8 |                         |      |      |
| 50.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 19.1 |
| 52.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 18.2 |

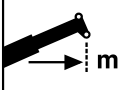


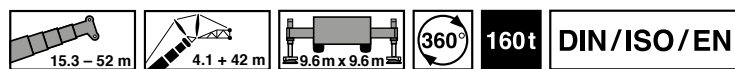
|  m | 15.3 m + 4.1 m + 36.0 m |      |      | 23.9 m + 4.1 m + 36.0 m |      |      | 33.0 m + 4.1 m + 36.0 m |      |      | 42.4 m + 4.1 m + 36.0 m |      |      | 52.0 m + 4.1 m + 36.0 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 16.0                                                                               | 114.8                   |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 18.0                                                                               | 103.3                   |      |      | 108.0                   |      |      |                         |      |      |                         |      |      |                         |      |      |
| 20.0                                                                               | 93.4                    |      |      | 98.2                    |      |      | 83.6                    |      |      |                         |      |      |                         |      |      |
| 22.0                                                                               | 85.4                    |      |      | 88.5                    |      |      | 83.6                    |      |      | 69.8                    |      |      |                         |      |      |
| 24.0                                                                               | 78.9                    |      |      | 80.4                    |      |      | 79.0                    |      |      | 66.5                    |      |      | 44.0                    |      |      |
| 26.0                                                                               | 73.6                    | 71.4 |      | 73.6                    |      |      | 72.2                    |      |      | 63.5                    |      |      | 42.4                    |      |      |
| 28.0                                                                               | 69.3                    | 66.4 |      | 67.7                    |      |      | 66.5                    |      |      | 60.4                    |      |      | 40.8                    |      |      |
| 30.0                                                                               | 64.1                    | 61.9 |      | 62.7                    | 58.8 |      | 61.5                    |      |      | 57.6                    |      |      | 39.1                    |      |      |
| 32.0                                                                               | 59.7                    | 57.5 | 55.9 | 58.3                    | 54.7 |      | 57.2                    | 52.2 |      | 54.7                    |      |      | 37.8                    |      |      |
| 34.0                                                                               | 55.8                    | 53.7 | 52.2 | 54.5                    | 51.0 |      | 53.4                    | 48.7 |      | 51.8                    |      |      | 36.6                    |      |      |
| 36.0                                                                               | 45.7                    | 50.4 | 48.9 | 51.1                    | 47.8 | 44.0 | 50.0                    | 45.6 |      | 49.1                    |      |      | 35.5                    |      |      |
| 38.0                                                                               |                         | 47.4 | 46.0 | 48.1                    | 44.9 | 42.3 | 47.0                    | 42.7 |      | 46.1                    | 40.5 |      | 34.4                    |      |      |
| 40.0                                                                               |                         |      | 43.4 |                         | 42.3 | 39.5 | 44.4                    | 39.9 |      | 43.5                    | 37.8 |      | 33.6                    |      |      |
| 42.0                                                                               |                         |      |      |                         | 39.6 | 37.0 |                         | 37.4 | 33.7 |                         | 35.3 |      | 29.9                    |      |      |
| 44.0                                                                               |                         |      |      |                         |      | 34.8 |                         | 35.1 | 31.6 |                         | 33.2 |      |                         | 25.1 |      |
| 46.0                                                                               |                         |      |      |                         |      | 32.8 |                         |      | 29.8 |                         | 31.2 | 27.2 |                         | 24.4 |      |
| 48.0                                                                               |                         |      |      |                         |      |      |                         |      | 28.1 |                         | 29.5 | 25.6 |                         | 23.8 |      |
| 50.0                                                                               |                         |      |      |                         |      |      |                         |      | 26.5 |                         |      | 24.1 |                         | 23.3 |      |
| 52.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 22.8 |                         | 23.0 |      |
| 54.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 21.6 |                         |      | 19.7 |
| 56.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 18.7 |
| 58.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 17.7 |



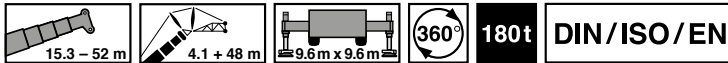
|  m | 15.3 m + 4.1 m + 36.0 m |      |      | 23.9 m + 4.1 m + 36.0 m |      |      | 33.0 m + 4.1 m + 36.0 m |      |      | 42.4 m + 4.1 m + 36.0 m |      |      | 52.0 m + 4.1 m + 36.0 m |      |      |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 16.0                                                                                 | 96.3                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 18.0                                                                                 | 86.1                    |      |      | 84.2                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 20.0                                                                                 | 77.8                    |      |      | 76.0                    |      |      | 74.6                    |      |      |                         |      |      |                         |      |      |
| 22.0                                                                                 | 70.8                    |      |      | 69.1                    |      |      | 67.8                    |      |      | 66.6                    |      |      |                         |      |      |
| 24.0                                                                                 | 64.8                    |      |      | 63.2                    |      |      | 61.9                    |      |      | 60.8                    |      |      | 44.0                    |      |      |
| 26.0                                                                                 | 59.6                    | 57.1 |      | 58.2                    |      |      | 56.9                    |      |      | 55.9                    |      |      | 42.4                    |      |      |
| 28.0                                                                                 | 55.2                    | 52.8 |      | 53.8                    |      |      | 52.6                    |      |      | 51.6                    |      |      | 40.8                    |      |      |
| 30.0                                                                                 | 51.3                    | 49.0 |      | 50.0                    | 46.2 |      | 48.9                    |      |      | 47.9                    |      |      | 39.1                    |      |      |
| 32.0                                                                                 | 47.9                    | 45.7 | 44.1 | 46.6                    | 43.0 |      | 45.6                    | 40.7 |      | 44.7                    |      |      | 37.8                    |      |      |
| 34.0                                                                                 | 44.9                    | 42.8 | 41.3 | 43.7                    | 40.2 |      | 42.6                    | 38.1 |      | 41.8                    |      |      | 36.6                    |      |      |
| 36.0                                                                                 | 42.2                    | 40.2 | 38.7 | 41.0                    | 37.8 | 35.2 | 40.0                    | 35.7 |      | 39.2                    |      |      | 35.5                    |      |      |
| 38.0                                                                                 |                         | 37.9 | 36.5 | 38.7                    | 35.5 | 33.1 | 37.7                    | 33.6 |      | 36.9                    | 31.8 |      | 34.4                    |      |      |
| 40.0                                                                                 |                         |      | 34.5 |                         | 33.5 | 31.2 | 35.6                    | 31.6 |      | 34.8                    | 30.0 |      | 33.6                    |      |      |
| 42.0                                                                                 |                         |      |      |                         | 31.8 | 29.5 |                         | 29.9 | 26.9 |                         | 28.3 |      | 29.9                    |      |      |
| 44.0                                                                                 |                         |      |      |                         |      | 28.0 |                         | 28.3 | 25.5 |                         | 26.8 |      |                         | 25.1 |      |
| 46.0                                                                                 |                         |      |      |                         |      | 26.6 |                         |      | 24.1 |                         | 25.4 | 22.1 |                         | 24.1 |      |
| 48.0                                                                                 |                         |      |      |                         |      |      |                         |      | 22.9 |                         | 24.1 | 20.9 |                         | 22.9 |      |
| 50.0                                                                                 |                         |      |      |                         |      |      |                         |      | 21.8 |                         |      | 19.9 |                         | 21.7 |      |
| 52.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 18.9 |                         | 20.7 |      |
| 54.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 18.0 |                         |      | 16.3 |
| 56.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 15.3 |
| 58.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 14.5 |

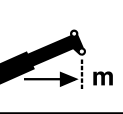


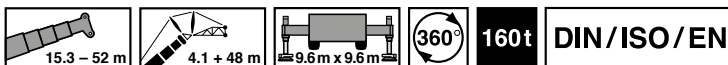
|  m | 15.3 m + 4.1 m + 42.0 m |      |      | 23.9 m + 4.1 m + 42.0 m |      |      | 33.0 m + 4.1 m + 42.0 m |      |      | 42.4 m + 4.1 m + 42.0 m |      |      | 52.0 m + 4.1 m + 42.0 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 18.0                                                                               | 98.5                    |      |      | 97.6                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 20.0                                                                               | 94.8                    |      |      | 94.4                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 22.0                                                                               | 86.9                    |      |      | 88.0                    |      |      | 79.8                    |      |      |                         |      |      |                         |      |      |
| 24.0                                                                               | 79.7                    |      |      | 79.9                    |      |      | 76.2                    |      |      | 61.8                    |      |      |                         |      |      |
| 26.0                                                                               | 73.9                    |      |      | 73.0                    |      |      | 71.7                    |      |      | 59.2                    |      |      | 36.8                    |      |      |
| 28.0                                                                               | 68.7                    | 66.3 |      | 67.2                    |      |      | 65.9                    |      |      | 56.9                    |      |      | 36.7                    |      |      |
| 30.0                                                                               | 63.6                    | 61.3 |      | 62.2                    |      |      | 61.0                    |      |      | 54.7                    |      |      | 36.2                    |      |      |
| 32.0                                                                               | 59.2                    | 57.0 |      | 57.8                    | 54.1 |      | 56.6                    |      |      | 52.5                    |      |      | 34.9                    |      |      |
| 34.0                                                                               | 55.3                    | 53.2 |      | 54.0                    | 50.4 |      | 52.8                    |      |      | 50.4                    |      |      | 33.7                    |      |      |
| 36.0                                                                               | 51.8                    | 49.8 | 48.3 | 50.6                    | 47.2 |      | 49.5                    | 45.0 |      | 48.4                    |      |      | 32.5                    |      |      |
| 38.0                                                                               | 48.7                    | 46.8 | 45.4 | 47.5                    | 44.3 |      | 46.5                    | 42.1 |      | 45.6                    |      |      | 31.5                    |      |      |
| 40.0                                                                               | 46.0                    | 44.2 | 42.8 | 44.8                    | 41.7 | 38.9 | 43.8                    | 39.3 |      | 42.9                    | 37.1 |      | 30.5                    |      |      |
| 42.0                                                                               | 40.1                    | 41.8 | 40.3 | 42.4                    | 39.0 | 36.4 | 41.2                    | 36.7 |      | 40.2                    | 34.7 |      | 29.7                    |      |      |
| 44.0                                                                               |                         | 39.3 | 37.9 | 39.9                    | 36.7 | 34.2 | 38.8                    | 34.5 | 30.1 | 37.8                    | 32.5 |      | 29.1                    | 23.0 |      |
| 46.0                                                                               |                         | 37.1 | 35.8 |                         | 34.6 | 32.2 | 36.6                    | 32.5 | 29.1 | 35.7                    | 30.6 |      | 28.5                    | 22.3 |      |
| 48.0                                                                               |                         |      | 33.8 |                         | 32.7 | 30.4 |                         | 30.7 | 27.4 |                         | 28.8 |      | 26.6                    | 21.7 |      |
| 50.0                                                                               |                         |      |      |                         |      | 28.7 |                         | 29.0 | 25.9 |                         | 27.2 | 23.4 |                         | 21.1 |      |
| 52.0                                                                               |                         |      |      |                         |      | 27.3 |                         |      | 24.5 |                         | 25.8 | 22.1 |                         | 20.6 |      |
| 54.0                                                                               |                         |      |      |                         |      |      |                         |      | 23.2 |                         | 24.5 | 20.9 |                         | 20.2 |      |
| 56.0                                                                               |                         |      |      |                         |      |      |                         |      | 22.1 |                         |      | 19.9 |                         | 19.8 | 18.0 |
| 58.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 18.9 |                         |      | 17.0 |
| 60.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 18.0 |                         |      | 16.1 |
| 64.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 14.6 |

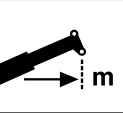


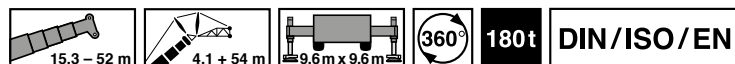
|  m | 15.3 m + 4.1 m + 42.0 m |      |      | 23.9 m + 4.1 m + 42.0 m |      |      | 33.0 m + 4.1 m + 42.0 m |      |      | 42.4 m + 4.1 m + 42.0 m |      |      | 52.0 m + 4.1 m + 42.0 m |      |      |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 18.0                                                                                 | 85.6                    |      |      | 83.6                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 20.0                                                                                 | 77.2                    |      |      | 75.4                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 22.0                                                                                 | 70.2                    |      |      | 68.6                    |      |      | 67.2                    |      |      |                         |      |      |                         |      |      |
| 24.0                                                                                 | 64.2                    |      |      | 62.7                    |      |      | 61.4                    |      |      | 60.2                    |      |      |                         |      |      |
| 26.0                                                                                 | 59.1                    |      |      | 57.6                    |      |      | 56.4                    |      |      | 55.3                    |      |      | 36.8                    |      |      |
| 28.0                                                                                 | 54.6                    | 52.2 |      | 53.2                    |      |      | 52.1                    |      |      | 51.1                    |      |      | 36.7                    |      |      |
| 30.0                                                                                 | 50.7                    | 48.4 |      | 49.4                    |      |      | 48.3                    |      |      | 47.4                    |      |      | 36.2                    |      |      |
| 32.0                                                                                 | 47.3                    | 45.2 |      | 46.1                    | 42.4 |      | 45.0                    |      |      | 44.1                    |      |      | 34.9                    |      |      |
| 34.0                                                                                 | 44.3                    | 42.3 |      | 43.1                    | 39.6 |      | 42.1                    |      |      | 41.2                    |      |      | 33.7                    |      |      |
| 36.0                                                                                 | 41.6                    | 39.7 | 38.1 | 40.5                    | 37.2 |      | 39.5                    | 35.0 |      | 38.6                    |      |      | 32.5                    |      |      |
| 38.0                                                                                 | 39.2                    | 37.3 | 35.9 | 38.1                    | 34.9 |      | 37.2                    | 32.9 |      | 36.3                    |      |      | 31.5                    |      |      |
| 40.0                                                                                 | 37.1                    | 35.2 | 33.9 | 36.0                    | 32.9 | 30.6 | 35.1                    | 31.0 |      | 34.2                    | 29.3 |      | 30.5                    |      |      |
| 42.0                                                                                 | 35.1                    | 33.4 | 32.0 | 34.1                    | 31.1 | 28.9 | 33.2                    | 29.3 |      | 32.4                    | 27.6 |      | 29.7                    |      |      |
| 44.0                                                                                 |                         | 31.6 | 30.4 | 32.3                    | 29.5 | 27.4 | 31.4                    | 27.7 | 24.8 | 30.7                    | 26.1 |      | 29.1                    | 23.0 |      |
| 46.0                                                                                 |                         | 30.1 | 28.9 |                         | 28.0 | 25.9 | 29.9                    | 26.3 | 23.5 | 29.1                    | 24.8 |      | 28.5                    | 22.3 |      |
| 48.0                                                                                 |                         |      | 27.5 |                         | 26.7 | 24.7 |                         | 25.0 | 22.3 |                         | 23.5 |      | 26.6                    | 21.7 |      |
| 50.0                                                                                 |                         |      |      |                         |      | 23.5 |                         | 23.8 | 21.2 |                         | 22.3 | 19.2 |                         | 21.1 |      |
| 52.0                                                                                 |                         |      |      |                         |      | 22.4 |                         |      | 20.2 |                         | 21.3 | 18.2 |                         | 20.0 |      |
| 54.0                                                                                 |                         |      |      |                         |      |      |                         |      | 19.2 |                         | 20.3 | 17.3 |                         | 19.1 |      |
| 56.0                                                                                 |                         |      |      |                         |      |      |                         |      | 18.4 |                         |      | 16.5 |                         | 18.2 | 14.6 |
| 58.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 15.7 |                         |      | 13.8 |
| 60.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 14.9 |                         |      | 13.1 |
| 64.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 11.7 |

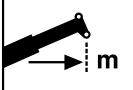


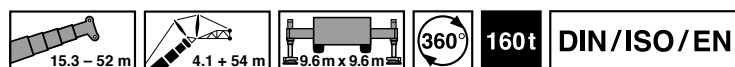
|  m | 15.3 m + 4.1 m + 48.0 m |      |      | 23.9 m + 4.1 m + 48.0 m |      |      | 33.0 m + 4.1 m + 48.0 m |      |      | 42.4 m + 4.1 m + 48.0 m |      |      | 52.0 m + 4.1 m + 48.0 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 18.0                                                                               | 83.9                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 20.0                                                                               | 79.3                    |      |      | 80.4                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 22.0                                                                               | 72.9                    |      |      | 78.2                    |      |      | 67.0                    |      |      |                         |      |      |                         |      |      |
| 24.0                                                                               | 67.2                    |      |      | 71.6                    |      |      | 67.0                    |      |      | 52.6                    |      |      |                         |      |      |
| 26.0                                                                               | 62.4                    |      |      | 66.0                    |      |      | 66.8                    |      |      | 52.6                    |      |      | 31.7                    |      |      |
| 28.0                                                                               | 58.5                    |      |      | 61.7                    |      |      | 65.1                    |      |      | 52.6                    |      |      | 31.7                    |      |      |
| 30.0                                                                               | 55.0                    | 57.8 |      | 57.7                    |      |      | 61.0                    |      |      | 51.3                    |      |      | 31.7                    |      |      |
| 32.0                                                                               | 51.7                    | 57.0 |      | 54.2                    |      |      | 56.7                    |      |      | 49.5                    |      |      | 31.6                    |      |      |
| 34.0                                                                               | 49.0                    | 53.3 |      | 51.2                    | 50.4 |      | 52.9                    |      |      | 47.7                    |      |      | 31.3                    |      |      |
| 36.0                                                                               | 46.6                    | 49.9 |      | 48.5                    | 47.2 |      | 49.6                    |      |      | 46.1                    |      |      | 30.7                    |      |      |
| 38.0                                                                               | 44.1                    | 46.9 | 44.0 | 46.0                    | 44.4 |      | 46.6                    | 42.1 |      | 44.6                    |      |      | 29.8                    |      |      |
| 40.0                                                                               | 41.5                    | 44.2 | 42.8 | 43.4                    | 41.8 |      | 43.9                    | 39.3 |      | 43.0                    |      |      | 28.9                    |      |      |
| 42.0                                                                               | 39.2                    | 41.8 | 40.4 | 40.8                    | 39.2 | 36.4 | 41.4                    | 36.8 |      | 40.4                    | 34.7 |      | 28.0                    |      |      |
| 44.0                                                                               | 37.1                    | 39.5 | 38.0 | 38.4                    | 36.8 | 34.2 | 39.0                    | 34.6 |      | 38.0                    | 32.6 |      | 27.3                    |      |      |
| 46.0                                                                               | 35.1                    | 37.3 | 35.8 | 36.4                    | 34.7 | 32.2 | 36.7                    | 32.5 |      | 35.8                    | 30.6 |      | 26.6                    |      |      |
| 48.0                                                                               |                         | 35.3 | 33.9 | 34.6                    | 32.8 | 30.4 | 34.8                    | 30.7 | 27.4 | 33.8                    | 28.9 |      | 26.1                    | 20.6 |      |
| 50.0                                                                               |                         | 33.5 | 32.2 |                         | 31.1 | 28.8 | 33.0                    | 29.1 | 25.9 | 32.1                    | 27.3 |      | 25.6                    | 20.2 |      |
| 52.0                                                                               |                         |      | 30.6 |                         | 29.6 | 27.3 |                         | 27.6 | 24.5 | 30.5                    | 25.9 |      | 24.6                    | 19.6 |      |
| 54.0                                                                               |                         |      |      |                         | 28.2 | 26.0 |                         | 26.2 | 23.3 |                         | 24.5 | 20.9 | 22.4                    | 19.1 |      |
| 56.0                                                                               |                         |      |      |                         |      | 24.8 |                         | 25.0 | 22.1 |                         | 23.3 | 19.9 |                         | 18.7 |      |
| 58.0                                                                               |                         |      |      |                         |      |      |                         |      | 21.1 |                         | 22.3 | 18.9 |                         | 18.4 |      |
| 60.0                                                                               |                         |      |      |                         |      |      |                         |      | 20.1 |                         | 21.3 | 18.0 |                         | 18.1 | 16.1 |
| 64.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 16.4 |                         |      | 14.6 |
| 68.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 13.3 |

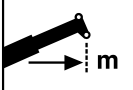


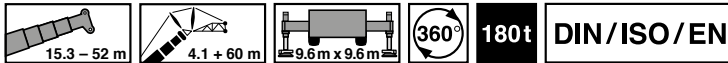
|  m | 15.3 m + 4.1 m + 48.0 m |      |      | 23.9 m + 4.1 m + 48.0 m |      |      | 33.0 m + 4.1 m + 48.0 m |      |      | 42.4 m + 4.1 m + 48.0 m |      |      | 52.0 m + 4.1 m + 48.0 m |      |      |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 18.0                                                                                 | 83.9                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 20.0                                                                                 | 77.2                    |      |      | 75.3                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 22.0                                                                                 | 70.2                    |      |      | 68.5                    |      |      | 67.0                    |      |      |                         |      |      |                         |      |      |
| 24.0                                                                                 | 64.2                    |      |      | 62.6                    |      |      | 61.3                    |      |      | 52.6                    |      |      |                         |      |      |
| 26.0                                                                                 | 59.1                    |      |      | 57.6                    |      |      | 56.3                    |      |      | 52.6                    |      |      | 31.7                    |      |      |
| 28.0                                                                                 | 54.7                    |      |      | 53.2                    |      |      | 52.1                    |      |      | 51.0                    |      |      | 31.7                    |      |      |
| 30.0                                                                                 | 50.8                    | 48.4 |      | 49.5                    |      |      | 48.3                    |      |      | 47.3                    |      |      | 31.7                    |      |      |
| 32.0                                                                                 | 47.4                    | 45.2 |      | 46.1                    |      |      | 45.0                    |      |      | 44.1                    |      |      | 31.6                    |      |      |
| 34.0                                                                                 | 44.4                    | 42.3 |      | 43.2                    | 39.6 |      | 42.1                    |      |      | 41.2                    |      |      | 31.3                    |      |      |
| 36.0                                                                                 | 41.7                    | 39.7 |      | 40.5                    | 37.2 |      | 39.5                    |      |      | 38.7                    |      |      | 30.7                    |      |      |
| 38.0                                                                                 | 39.3                    | 37.4 | 35.9 | 38.2                    | 35.0 |      | 37.2                    | 32.9 |      | 36.4                    |      |      | 29.8                    |      |      |
| 40.0                                                                                 | 37.1                    | 35.3 | 33.9 | 36.0                    | 33.0 |      | 35.1                    | 31.0 |      | 34.3                    |      |      | 28.9                    |      |      |
| 42.0                                                                                 | 35.2                    | 33.4 | 32.1 | 34.1                    | 31.2 | 28.9 | 33.2                    | 29.3 |      | 32.4                    | 27.6 |      | 28.0                    |      |      |
| 44.0                                                                                 | 33.4                    | 31.7 | 30.4 | 32.4                    | 29.5 | 27.3 | 31.5                    | 27.7 |      | 30.7                    | 26.1 |      | 27.3                    |      |      |
| 46.0                                                                                 | 31.8                    | 30.1 | 28.9 | 30.8                    | 28.1 | 25.9 | 29.9                    | 26.3 |      | 29.2                    | 24.7 |      | 26.6                    |      |      |
| 48.0                                                                                 |                         | 28.7 | 27.5 | 29.4                    | 26.7 | 24.7 | 28.5                    | 25.0 | 22.2 | 27.8                    | 23.5 |      | 26.1                    | 20.6 |      |
| 50.0                                                                                 |                         | 27.4 | 26.3 |                         | 25.5 | 23.5 | 27.2                    | 23.8 | 21.1 | 26.5                    | 22.3 |      | 25.6                    | 20.2 |      |
| 52.0                                                                                 |                         |      | 25.1 |                         | 24.3 | 22.4 |                         | 22.7 | 20.1 | 25.3                    | 21.3 |      | 24.6                    | 19.6 |      |
| 54.0                                                                                 |                         |      |      |                         | 23.3 | 21.4 |                         | 21.7 | 19.2 |                         | 20.3 | 17.3 | 22.4                    | 19.1 |      |
| 56.0                                                                                 |                         |      |      |                         |      | 20.5 |                         | 20.8 | 18.4 |                         | 19.4 | 16.5 |                         | 18.2 |      |
| 58.0                                                                                 |                         |      |      |                         |      |      |                         |      | 17.6 |                         | 18.6 | 15.7 |                         | 17.4 |      |
| 60.0                                                                                 |                         |      |      |                         |      |      |                         |      | 16.8 |                         | 17.8 | 14.9 |                         | 16.7 | 13.0 |
| 64.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 13.5 |                         |      | 11.7 |
| 68.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 10.6 |

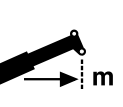


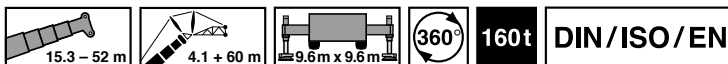
|  m | 15.3 m + 4.1 m + 54.0 m |      |      | 23.9 m + 4.1 m + 54.0 m |      |      | 33.0 m + 4.1 m + 54.0 m |      |      | 42.4 m + 4.1 m + 54.0 m |      |      | 52.0 m + 4.1 m + 54.0 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 20.0                                                                               | 77.1                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 22.0                                                                               | 74.8                    |      |      | 68.3                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 24.0                                                                               | 72.6                    |      |      | 68.2                    |      |      | 57.6                    |      |      |                         |      |      |                         |      |      |
| 26.0                                                                               | 69.7                    |      |      | 68.0                    |      |      | 57.6                    |      |      | 43.8                    |      |      |                         |      |      |
| 28.0                                                                               | 65.0                    |      |      | 66.2                    |      |      | 57.6                    |      |      | 43.8                    |      |      |                         |      |      |
| 30.0                                                                               | 61.0                    |      |      | 61.2                    |      |      | 57.6                    |      |      | 43.8                    |      |      | 27.4                    |      |      |
| 32.0                                                                               | 57.5                    | 56.0 |      | 56.8                    |      |      | 55.6                    |      |      | 43.7                    |      |      | 27.4                    |      |      |
| 34.0                                                                               | 54.3                    | 52.2 |      | 53.0                    |      |      | 51.8                    |      |      | 43.5                    |      |      | 27.4                    |      |      |
| 36.0                                                                               | 50.9                    | 48.8 |      | 49.6                    | 44.0 |      | 48.5                    |      |      | 41.8                    |      |      | 27.3                    |      |      |
| 38.0                                                                               | 47.8                    | 45.8 |      | 46.6                    | 43.2 |      | 45.5                    |      |      | 40.5                    |      |      | 27.0                    |      |      |
| 40.0                                                                               | 45.0                    | 43.2 |      | 43.8                    | 40.6 |      | 42.8                    | 38.1 |      | 39.2                    |      |      | 26.5                    |      |      |
| 42.0                                                                               | 42.5                    | 40.8 | 39.3 | 41.4                    | 38.0 |      | 40.3                    | 35.6 |      | 37.7                    |      |      | 25.7                    |      |      |
| 44.0                                                                               | 40.2                    | 38.3 | 36.9 | 38.9                    | 35.7 |      | 37.8                    | 33.4 |      | 36.8                    |      |      | 24.9                    |      |      |
| 46.0                                                                               | 37.9                    | 36.1 | 34.7 | 36.7                    | 33.5 | 31.0 | 35.6                    | 31.4 |      | 34.7                    | 29.4 |      | 24.2                    |      |      |
| 48.0                                                                               | 35.9                    | 34.1 | 32.7 | 34.7                    | 31.6 | 29.2 | 33.6                    | 29.5 |      | 32.7                    | 27.6 |      | 23.5                    |      |      |
| 50.0                                                                               | 34.0                    | 32.3 | 31.0 | 32.9                    | 29.9 | 27.6 | 31.8                    | 27.9 |      | 30.9                    | 26.1 |      | 22.9                    | 18.2 |      |
| 52.0                                                                               | 31.8                    | 30.7 | 29.4 | 31.2                    | 28.4 | 26.1 | 30.2                    | 26.4 | 23.3 | 29.3                    | 24.6 |      | 22.4                    | 17.7 |      |
| 54.0                                                                               | 27.7                    | 29.2 | 27.9 | 29.7                    | 26.9 | 24.8 | 28.7                    | 25.0 | 22.0 | 27.8                    | 23.3 |      | 22.0                    | 17.3 |      |
| 56.0                                                                               |                         | 27.8 | 26.6 |                         | 25.6 | 23.5 | 27.4                    | 23.8 | 20.9 | 26.5                    | 22.1 |      | 21.6                    | 16.8 |      |
| 58.0                                                                               |                         |      | 25.4 |                         | 24.4 | 22.4 |                         | 22.6 | 19.8 | 24.8                    | 21.0 | 17.6 | 20.8                    | 16.4 |      |
| 60.0                                                                               |                         |      |      |                         |      | 21.4 |                         | 21.6 | 18.8 |                         | 20.0 | 16.7 | 18.9                    | 16.0 |      |
| 64.0                                                                               |                         |      |      |                         |      |      |                         |      | 17.1 |                         | 18.2 | 15.0 |                         | 15.4 | 13.2 |
| 68.0                                                                               |                         |      |      |                         |      |      |                         |      | 15.7 |                         |      | 13.7 |                         | 15.0 | 11.9 |
| 72.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 10.8 |

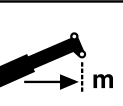


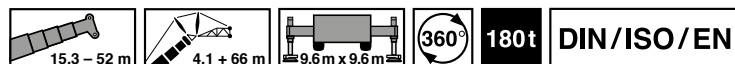
|  m | 15.3 m + 4.1 m + 54.0 m |      |      | 23.9 m + 4.1 m + 54.0 m |      |      | 33.0 m + 4.1 m + 54.0 m |      |      | 42.4 m + 4.1 m + 54.0 m |      |      | 52.0 m + 4.1 m + 54.0 m |      |      |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 20.0                                                                                 | 76.1                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 22.0                                                                                 | 69.1                    |      |      | 67.4                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 24.0                                                                                 | 63.2                    |      |      | 61.5                    |      |      | 57.6                    |      |      |                         |      |      |                         |      |      |
| 26.0                                                                                 | 58.0                    |      |      | 56.5                    |      |      | 55.2                    |      |      | 43.8                    |      |      |                         |      |      |
| 28.0                                                                                 | 53.6                    |      |      | 52.2                    |      |      | 51.0                    |      |      | 43.8                    |      |      |                         |      |      |
| 30.0                                                                                 | 49.7                    |      |      | 48.4                    |      |      | 47.2                    |      |      | 43.8                    |      |      | 27.4                    |      |      |
| 32.0                                                                                 | 46.3                    | 44.1 |      | 45.0                    |      |      | 43.9                    |      |      | 43.0                    |      |      | 27.4                    |      |      |
| 34.0                                                                                 | 43.3                    | 41.2 |      | 42.1                    |      |      | 41.0                    |      |      | 40.1                    |      |      | 27.4                    |      |      |
| 36.0                                                                                 | 40.6                    | 38.6 |      | 39.5                    | 36.0 |      | 38.4                    |      |      | 37.6                    |      |      | 27.3                    |      |      |
| 38.0                                                                                 | 38.2                    | 36.3 |      | 37.1                    | 33.8 |      | 36.1                    |      |      | 35.3                    |      |      | 27.0                    |      |      |
| 40.0                                                                                 | 36.1                    | 34.2 |      | 35.0                    | 31.8 |      | 34.0                    | 29.8 |      | 33.2                    |      |      | 26.5                    |      |      |
| 42.0                                                                                 | 34.1                    | 32.3 | 30.9 | 33.0                    | 30.0 |      | 32.1                    | 28.1 |      | 31.3                    |      |      | 25.7                    |      |      |
| 44.0                                                                                 | 32.3                    | 30.6 | 29.3 | 31.3                    | 28.4 |      | 30.4                    | 26.5 |      | 29.6                    |      |      | 24.9                    |      |      |
| 46.0                                                                                 | 30.7                    | 29.0 | 27.8 | 29.7                    | 26.9 | 24.8 | 28.8                    | 25.1 |      | 28.1                    | 23.5 |      | 24.2                    |      |      |
| 48.0                                                                                 | 29.2                    | 27.6 | 26.4 | 28.2                    | 25.6 | 23.5 | 27.4                    | 23.8 |      | 26.7                    | 22.3 |      | 23.5                    |      |      |
| 50.0                                                                                 | 27.9                    | 26.3 | 25.1 | 26.9                    | 24.3 | 22.3 | 26.1                    | 22.6 |      | 25.4                    | 21.1 |      | 22.9                    | 18.2 |      |
| 52.0                                                                                 | 26.6                    | 25.1 | 23.9 | 25.7                    | 23.2 | 21.2 | 24.9                    | 21.5 | 18.9 | 24.2                    | 20.1 |      | 22.4                    | 17.7 |      |
| 54.0                                                                                 | 25.5                    | 24.0 | 22.9 | 24.6                    | 22.1 | 20.2 | 23.8                    | 20.5 | 18.0 | 23.1                    | 19.1 |      | 22.0                    | 17.3 |      |
| 56.0                                                                                 |                         | 23.0 | 21.9 |                         | 21.2 | 19.3 | 22.8                    | 19.6 | 17.1 | 22.1                    | 18.2 |      | 21.4                    | 16.8 |      |
| 58.0                                                                                 |                         |      | 21.0 |                         | 20.3 | 18.5 |                         | 18.7 | 16.4 | 21.2                    | 17.4 | 14.4 | 20.5                    | 16.2 |      |
| 60.0                                                                                 |                         |      |      |                         |      | 17.7 |                         | 18.0 | 15.6 |                         | 16.6 | 13.6 | 18.9                    | 15.4 |      |
| 64.0                                                                                 |                         |      |      |                         |      |      |                         |      | 14.3 |                         | 15.3 | 12.2 |                         | 14.0 | 10.4 |
| 68.0                                                                                 |                         |      |      |                         |      |      |                         |      | 13.0 |                         |      | 11.0 |                         | 12.7 | 9.3  |
| 72.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 8.3  |



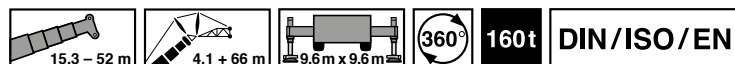
|  m | 15.3 m + 4.1 m + 60.0 m |      |      | 23.9 m + 4.1 m + 60.0 m |      |      | 33.0 m + 4.1 m + 60.0 m |      |      | 42.4 m + 4.1 m + 60.0 m |      |      | 52.0 m + 4.1 m + 60.0 m |      |      |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  |
| 22.0                                                                               | 60.7                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |      |
| 24.0                                                                               | 60.2                    |      |      | 53.1                    |      |      |                         |      |      |                         |      |      |                         |      |      |
| 26.0                                                                               | 59.6                    |      |      | 52.9                    |      |      | 45.9                    |      |      |                         |      |      |                         |      |      |
| 28.0                                                                               | 59.1                    |      |      | 52.6                    |      |      | 45.9                    |      |      | 34.5                    |      |      |                         |      |      |
| 30.0                                                                               | 58.6                    |      |      | 52.4                    |      |      | 45.8                    |      |      | 34.5                    |      |      | 23.5                    |      |      |
| 32.0                                                                               | 57.7                    |      |      | 52.2                    |      |      | 45.8                    |      |      | 34.5                    |      |      | 23.5                    |      |      |
| 34.0                                                                               | 53.8                    |      |      | 52.0                    |      |      | 45.7                    |      |      | 34.4                    |      |      | 23.5                    |      |      |
| 36.0                                                                               | 50.3                    | 48.2 |      | 49.0                    |      |      | 45.7                    |      |      | 34.4                    |      |      | 23.5                    |      |      |
| 38.0                                                                               | 47.2                    | 45.3 |      | 46.0                    |      |      | 44.9                    |      |      | 34.4                    |      |      | 23.4                    |      |      |
| 40.0                                                                               | 44.5                    | 42.6 |      | 43.3                    | 40.0 |      | 42.3                    |      |      | 34.3                    |      |      | 23.4                    |      |      |
| 42.0                                                                               | 42.0                    | 40.2 |      | 40.8                    | 37.4 |      | 39.7                    | 35.0 |      | 34.1                    |      |      | 23.3                    |      |      |
| 44.0                                                                               | 39.6                    | 37.8 |      | 38.3                    | 35.1 |      | 37.2                    | 32.7 |      | 33.9                    |      |      | 23.2                    |      |      |
| 46.0                                                                               | 37.3                    | 35.5 | 30.1 | 36.1                    | 32.9 |      | 35.0                    | 30.7 |      | 33.7                    |      |      | 23.1                    |      |      |
| 48.0                                                                               | 35.2                    | 33.5 | 30.1 | 34.1                    | 31.0 |      | 33.0                    | 28.9 |      | 32.1                    | 27.0 |      | 23.1                    |      |      |
| 50.0                                                                               | 33.4                    | 31.7 | 30.1 | 32.2                    | 29.3 | 26.9 | 31.2                    | 27.2 |      | 30.3                    | 25.4 |      | 23.0                    |      |      |
| 52.0                                                                               | 31.7                    | 30.0 | 28.8 | 30.5                    | 27.7 | 25.4 | 29.6                    | 25.7 |      | 28.7                    | 23.9 |      | 22.7                    | 18.8 |      |
| 54.0                                                                               | 30.1                    | 28.5 | 27.3 | 29.0                    | 26.3 | 24.1 | 28.1                    | 24.4 | 21.3 | 27.2                    | 22.6 |      | 22.2                    | 18.3 |      |
| 56.0                                                                               | 28.7                    | 27.1 | 25.9 | 27.6                    | 25.0 | 22.9 | 26.7                    | 23.1 | 20.2 | 25.8                    | 21.4 |      | 21.7                    | 17.7 |      |
| 58.0                                                                               | 27.3                    | 25.9 | 24.7 | 26.4                    | 23.8 | 21.7 | 25.4                    | 21.9 | 19.1 | 24.6                    | 20.3 |      | 21.3                    | 17.2 |      |
| 60.0                                                                               |                         | 24.7 | 23.6 | 25.2                    | 22.7 | 20.7 | 24.3                    | 20.9 | 18.1 | 23.5                    | 19.3 | 15.9 | 21.0                    | 16.7 |      |
| 64.0                                                                               |                         |      | 21.6 |                         | 20.7 | 18.8 |                         | 19.0 | 16.4 |                         | 17.5 | 14.3 | 19.0                    | 15.9 |      |
| 68.0                                                                               |                         |      |      |                         |      | 17.3 |                         | 17.5 | 15.0 |                         | 16.0 | 12.9 |                         | 14.6 | 11.2 |
| 72.0                                                                               |                         |      |      |                         |      |      |                         |      | 13.7 |                         | 14.7 | 11.8 |                         | 13.4 | 10.1 |
| 76.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 10.8 |                         | 12.4 | 9.1  |
| 80.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 8.3  |



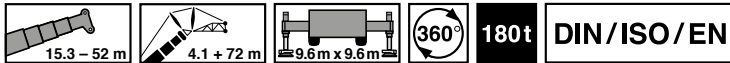
|  m | 15.3 m + 4.1 m + 60.0 m |      |      | 23.9 m + 4.1 m + 60.0 m |      |      | 33.0 m + 4.1 m + 60.0 m |      |      | 42.4 m + 4.1 m + 60.0 m |      |      | 52.0 m + 4.1 m + 60.0 m |      |     |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° |
| 22.0                                                                                 | 60.7                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |     |
| 24.0                                                                                 | 60.2                    |      |      | 53.1                    |      |      |                         |      |      |                         |      |      |                         |      |     |
| 26.0                                                                                 | 57.5                    |      |      | 52.9                    |      |      | 45.9                    |      |      |                         |      |      |                         |      |     |
| 28.0                                                                                 | 53.0                    |      |      | 51.6                    |      |      | 45.9                    |      |      | 34.5                    |      |      |                         |      |     |
| 30.0                                                                                 | 49.2                    |      |      | 47.8                    |      |      | 45.8                    |      |      | 34.5                    |      |      | 23.5                    |      |     |
| 32.0                                                                                 | 45.8                    |      |      | 44.5                    |      |      | 43.4                    |      |      | 34.5                    |      |      | 23.5                    |      |     |
| 34.0                                                                                 | 42.8                    |      |      | 41.5                    |      |      | 40.5                    |      |      | 34.4                    |      |      | 23.5                    |      |     |
| 36.0                                                                                 | 40.1                    | 38.0 |      | 38.9                    |      |      | 37.9                    |      |      | 34.4                    |      |      | 23.5                    |      |     |
| 38.0                                                                                 | 37.7                    | 35.7 |      | 36.5                    |      |      | 35.5                    |      |      | 34.4                    |      |      | 23.4                    |      |     |
| 40.0                                                                                 | 35.5                    | 33.6 |      | 34.4                    | 31.2 |      | 33.4                    |      |      | 32.6                    |      |      | 23.4                    |      |     |
| 42.0                                                                                 | 33.5                    | 31.7 |      | 32.5                    | 29.4 |      | 31.5                    | 27.4 |      | 30.7                    |      |      | 23.3                    |      |     |
| 44.0                                                                                 | 31.7                    | 30.0 |      | 30.7                    | 27.8 |      | 29.8                    | 25.9 |      | 29.0                    |      |      | 23.2                    |      |     |
| 46.0                                                                                 | 30.1                    | 28.4 | 27.1 | 29.1                    | 26.3 |      | 28.2                    | 24.5 |      | 27.5                    |      |      | 23.1                    |      |     |
| 48.0                                                                                 | 28.6                    | 27.0 | 25.8 | 27.7                    | 25.0 |      | 26.8                    | 23.2 |      | 26.1                    | 21.6 |      | 23.1                    |      |     |
| 50.0                                                                                 | 27.3                    | 25.7 | 24.5 | 26.3                    | 23.7 | 21.7 | 25.5                    | 22.0 |      | 24.8                    | 20.5 |      | 23.0                    |      |     |
| 52.0                                                                                 | 26.0                    | 24.5 | 23.3 | 25.1                    | 22.6 | 20.6 | 24.3                    | 20.9 |      | 23.6                    | 19.4 |      | 22.7                    | 18.1 |     |
| 54.0                                                                                 | 24.9                    | 23.4 | 22.2 | 24.0                    | 21.5 | 19.6 | 23.2                    | 19.9 | 17.3 | 22.4                    | 18.4 |      | 21.8                    | 17.2 |     |
| 56.0                                                                                 | 23.8                    | 22.3 | 21.2 | 22.9                    | 20.5 | 18.7 | 22.1                    | 18.9 | 16.5 | 21.4                    | 17.5 |      | 20.8                    | 16.3 |     |
| 58.0                                                                                 | 22.8                    | 21.4 | 20.3 | 22.0                    | 19.6 | 17.8 | 21.2                    | 18.1 | 15.7 | 20.5                    | 16.7 |      | 19.9                    | 15.5 |     |
| 60.0                                                                                 |                         | 20.5 | 19.5 | 21.1                    | 18.8 | 17.0 | 20.3                    | 17.3 | 14.9 | 19.6                    | 15.9 | 12.8 | 19.0                    | 14.8 |     |
| 64.0                                                                                 |                         |      | 18.0 |                         | 17.3 | 15.6 |                         | 15.9 | 13.5 |                         | 14.6 | 11.4 | 17.5                    | 13.2 |     |
| 68.0                                                                                 |                         |      |      |                         |      | 14.5 |                         | 14.7 | 12.3 |                         | 13.3 | 10.2 |                         | 11.9 | 8.5 |
| 72.0                                                                                 |                         |      |      |                         |      |      |                         |      | 11.2 |                         | 12.2 | 9.2  |                         | 10.8 | 7.5 |
| 76.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 8.4  |                         | 10.0 | 6.7 |
| 80.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 6.1 |



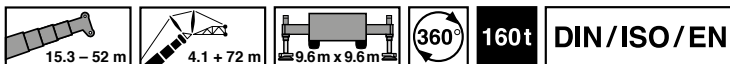
|  m | 15.3 m + 4.1 m + 66.0 m |      |      | 23.9 m + 4.1 m + 66.0 m |      |      | 33.0 m + 4.1 m + 66.0 m |      |      | 42.4 m + 4.1 m + 66.0 m |      |      | 52.0 m + 4.1 m + 66.0 m |      |     |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° |
| 24.0                                                                               | 42.0                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |     |
| 26.0                                                                               | 42.0                    |      |      | 40.1                    |      |      |                         |      |      |                         |      |      |                         |      |     |
| 28.0                                                                               | 42.0                    |      |      | 39.9                    |      |      | 35.3                    |      |      |                         |      |      |                         |      |     |
| 30.0                                                                               | 42.0                    |      |      | 39.6                    |      |      | 35.1                    |      |      | 28.9                    |      |      |                         |      |     |
| 32.0                                                                               | 42.0                    |      |      | 39.4                    |      |      | 35.0                    |      |      | 28.8                    |      |      | 17.6                    |      |     |
| 34.0                                                                               | 41.8                    |      |      | 39.1                    |      |      | 34.9                    |      |      | 28.8                    |      |      | 17.6                    |      |     |
| 36.0                                                                               | 41.5                    |      |      | 38.9                    |      |      | 34.7                    |      |      | 28.7                    |      |      | 17.6                    |      |     |
| 38.0                                                                               | 41.2                    | 40.2 |      | 38.6                    |      |      | 34.6                    |      |      | 28.7                    |      |      | 17.5                    |      |     |
| 40.0                                                                               | 40.0                    | 39.9 |      | 38.3                    |      |      | 34.5                    |      |      | 28.7                    |      |      | 17.5                    |      |     |
| 42.0                                                                               | 38.5                    | 39.4 |      | 38.1                    | 36.6 |      | 34.3                    |      |      | 28.6                    |      |      | 17.4                    |      |     |
| 44.0                                                                               | 37.0                    | 37.0 |      | 37.1                    | 34.2 |      | 34.1                    |      |      | 28.5                    |      |      | 17.4                    |      |     |
| 46.0                                                                               | 35.6                    | 34.7 |      | 35.3                    | 32.1 |      | 34.0                    | 29.8 |      | 28.3                    |      |      | 17.2                    |      |     |
| 48.0                                                                               | 34.0                    | 32.7 | 30.1 | 33.2                    | 30.2 |      | 32.2                    | 28.0 |      | 28.2                    |      |      | 17.0                    |      |     |
| 50.0                                                                               | 32.6                    | 30.9 | 29.5 | 31.4                    | 28.5 |      | 30.4                    | 26.4 |      | 28.0                    | 24.5 |      | 16.8                    |      |     |
| 52.0                                                                               | 30.8                    | 29.2 | 27.9 | 29.7                    | 26.9 | 24.6 | 28.7                    | 24.9 |      | 27.8                    | 23.0 |      | 16.6                    |      |     |
| 54.0                                                                               | 29.3                    | 27.7 | 26.4 | 28.2                    | 25.4 | 23.2 | 27.2                    | 23.5 |      | 26.4                    | 21.7 |      | 16.3                    | 17.3 |     |
| 56.0                                                                               | 27.8                    | 26.3 | 25.1 | 26.8                    | 24.1 | 22.0 | 25.8                    | 22.2 |      | 25.0                    | 20.5 |      | 16.1                    | 17.0 |     |
| 58.0                                                                               | 26.5                    | 25.0 | 23.8 | 25.5                    | 22.9 | 20.8 | 24.6                    | 21.1 | 18.2 | 23.7                    | 19.4 |      | 15.9                    | 16.6 |     |
| 60.0                                                                               | 25.3                    | 23.8 | 22.7 | 24.3                    | 21.8 | 19.8 | 23.4                    | 20.0 | 17.2 | 22.6                    | 18.4 |      | 15.7                    | 15.8 |     |
| 64.0                                                                               |                         | 21.8 | 20.7 | 22.2                    | 19.8 | 17.9 | 21.3                    | 18.1 | 15.5 | 19.7                    | 16.6 | 13.4 | 15.3                    | 15.1 |     |
| 68.0                                                                               |                         |      | 19.0 |                         | 18.1 | 16.3 | 19.6                    | 16.5 | 14.0 | 15.4                    | 15.0 | 12.0 | 14.8                    | 13.7 |     |
| 72.0                                                                               |                         |      |      |                         |      | 15.0 |                         | 15.1 | 12.7 |                         | 13.7 | 10.8 | 14.4                    | 12.4 | 9.1 |
| 76.0                                                                               |                         |      |      |                         |      |      |                         |      | 11.7 |                         | 12.6 | 9.8  |                         | 11.3 | 8.1 |
| 80.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 8.9  |                         | 10.4 | 7.3 |
| 84.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 6.6 |
| 88.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 6.0 |



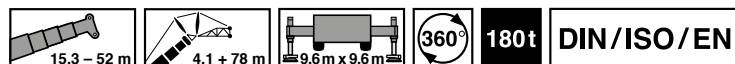
|  m | 15.3 m + 4.1 m + 66.0 m |      |      | 23.9 m + 4.1 m + 66.0 m |      |      | 33.0 m + 4.1 m + 66.0 m |      |      | 42.4 m + 4.1 m + 66.0 m |      |      | 52.0 m + 4.1 m + 66.0 m |      |     |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° |
| 24.0                                                                                 | 42.3                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |     |
| 26.0                                                                                 | 42.3                    |      |      | 40.1                    |      |      |                         |      |      |                         |      |      |                         |      |     |
| 28.0                                                                                 | 42.3                    |      |      | 39.9                    |      |      | 35.3                    |      |      |                         |      |      |                         |      |     |
| 30.0                                                                                 | 42.3                    |      |      | 39.6                    |      |      | 35.1                    |      |      | 28.9                    |      |      |                         |      |     |
| 32.0                                                                                 | 42.2                    |      |      | 39.4                    |      |      | 35.0                    |      |      | 28.8                    |      |      | 17.6                    |      |     |
| 34.0                                                                                 | 41.8                    |      |      | 39.1                    |      |      | 34.9                    |      |      | 28.8                    |      |      | 17.6                    |      |     |
| 36.0                                                                                 | 39.3                    |      |      | 38.1                    |      |      | 34.7                    |      |      | 28.8                    |      |      | 17.6                    |      |     |
| 38.0                                                                                 | 36.9                    | 34.9 |      | 35.7                    |      |      | 34.6                    |      |      | 28.7                    |      |      | 17.5                    |      |     |
| 40.0                                                                                 | 34.7                    | 32.8 |      | 33.6                    |      |      | 32.6                    |      |      | 28.7                    |      |      | 17.5                    |      |     |
| 42.0                                                                                 | 32.8                    | 30.9 |      | 31.7                    | 28.6 |      | 30.8                    |      |      | 28.6                    |      |      | 17.4                    |      |     |
| 44.0                                                                                 | 31.0                    | 29.2 |      | 29.9                    | 27.0 |      | 29.0                    |      |      | 28.2                    |      |      | 17.4                    |      |     |
| 46.0                                                                                 | 29.3                    | 27.6 |      | 28.3                    | 25.5 |      | 27.5                    | 23.6 |      | 26.7                    |      |      | 17.2                    |      |     |
| 48.0                                                                                 | 27.8                    | 26.2 | 24.9 | 26.9                    | 24.1 |      | 26.0                    | 22.3 |      | 25.2                    |      |      | 17.0                    |      |     |
| 50.0                                                                                 | 26.5                    | 24.9 | 23.7 | 25.5                    | 22.9 |      | 24.7                    | 21.1 |      | 23.9                    | 19.6 |      | 16.8                    |      |     |
| 52.0                                                                                 | 25.2                    | 23.7 | 22.5 | 24.3                    | 21.7 | 19.7 | 23.5                    | 20.0 |      | 22.7                    | 18.5 |      | 16.6                    |      |     |
| 54.0                                                                                 | 24.0                    | 22.6 | 21.4 | 23.1                    | 20.7 | 18.7 | 22.3                    | 19.0 |      | 21.6                    | 17.6 |      | 16.3                    | 16.3 |     |
| 56.0                                                                                 | 23.0                    | 21.5 | 20.4 | 22.1                    | 19.7 | 17.8 | 21.3                    | 18.1 |      | 20.6                    | 16.7 |      | 16.1                    | 15.4 |     |
| 58.0                                                                                 | 22.0                    | 20.6 | 19.5 | 21.1                    | 18.8 | 17.0 | 20.3                    | 17.2 | 14.8 | 19.7                    | 15.8 |      | 15.9                    | 14.6 |     |
| 60.0                                                                                 | 21.1                    | 19.7 | 18.6 | 20.2                    | 17.9 | 16.2 | 19.5                    | 16.4 | 14.0 | 18.8                    | 15.1 |      | 15.7                    | 13.8 |     |
| 64.0                                                                                 |                         | 18.1 | 17.1 | 18.6                    | 16.4 | 14.8 | 17.9                    | 15.0 | 12.6 | 17.2                    | 13.7 | 10.5 | 15.3                    | 12.3 |     |
| 68.0                                                                                 |                         |      | 15.8 |                         | 15.1 | 13.5 | 16.6                    | 13.7 | 11.3 | 15.4                    | 12.3 | 9.3  | 14.8                    | 11.0 |     |
| 72.0                                                                                 |                         |      |      |                         |      | 12.4 |                         |      | 12.6 |                         | 11.1 | 8.3  | 14.2                    | 9.9  | 6.5 |
| 76.0                                                                                 |                         |      |      |                         |      |      |                         |      | 9.3  |                         | 10.2 | 7.4  |                         | 8.9  | 5.7 |
| 80.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 6.6  |                         | 8.1  | 5.0 |
| 84.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 4.4 |
| 88.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 4.0 |



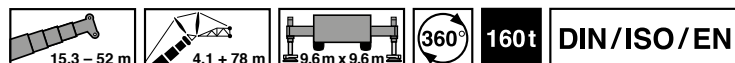
|  m | 15.3 m + 4.1 m + 72.0 m |      |      | 23.9 m + 4.1 m + 72.0 m |      |      | 33.0 m + 4.1 m + 72.0 m |      |      | 42.4 m + 4.1 m + 72.0 m |      |      | 52.0 m + 4.1 m + 72.0 m |      |     |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° |
| 26.0                                                                               | 35.6                    |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      |     |
| 28.0                                                                               | 35.1                    |      |      | 32.9                    |      |      |                         |      |      |                         |      |      |                         |      |     |
| 30.0                                                                               | 34.7                    |      |      | 32.6                    |      |      | 29.3                    |      |      |                         |      |      |                         |      |     |
| 32.0                                                                               | 34.3                    |      |      | 32.3                    |      |      | 29.2                    |      |      | 24.4                    |      |      |                         |      |     |
| 34.0                                                                               | 33.8                    |      |      | 32.0                    |      |      | 29.0                    |      |      | 24.4                    |      |      | 15.1                    |      |     |
| 36.0                                                                               | 33.4                    |      |      | 31.7                    |      |      | 28.9                    |      |      | 24.3                    |      |      | 15.1                    |      |     |
| 38.0                                                                               | 33.0                    |      |      | 31.4                    |      |      | 28.7                    |      |      | 24.3                    |      |      | 15.1                    |      |     |
| 40.0                                                                               | 32.5                    |      |      | 31.1                    |      |      | 28.6                    |      |      | 24.2                    |      |      | 15.1                    |      |     |
| 42.0                                                                               | 32.1                    | 31.7 |      | 30.8                    |      |      | 28.4                    |      |      | 24.2                    |      |      | 15.0                    |      |     |
| 44.0                                                                               | 31.7                    | 31.4 |      | 30.5                    | 29.6 |      | 28.2                    |      |      | 24.1                    |      |      | 15.0                    |      |     |
| 46.0                                                                               | 31.3                    | 31.0 |      | 30.2                    | 29.4 |      | 28.0                    |      |      | 24.0                    |      |      | 15.0                    |      |     |
| 48.0                                                                               | 30.9                    | 30.7 |      | 29.9                    | 29.2 |      | 27.8                    | 24.6 |      | 23.9                    |      |      | 15.0                    |      |     |
| 50.0                                                                               | 30.3                    | 30.3 |      | 29.6                    | 27.9 |      | 27.6                    | 24.6 |      | 23.8                    |      |      | 14.8                    |      |     |
| 52.0                                                                               | 29.1                    | 28.7 | 27.4 | 29.2                    | 26.3 |      | 27.4                    | 24.3 |      | 23.7                    | 20.8 |      | 14.7                    |      |     |
| 54.0                                                                               | 28.0                    | 27.1 | 25.9 | 27.6                    | 24.9 |      | 26.7                    | 22.9 |      | 23.6                    | 20.8 |      | 14.5                    |      |     |
| 56.0                                                                               | 27.0                    | 25.7 | 24.5 | 26.2                    | 23.5 | 21.3 | 25.3                    | 21.6 |      | 23.5                    | 19.9 |      | 14.4                    |      |     |
| 58.0                                                                               | 26.0                    | 24.5 | 23.3 | 24.9                    | 22.3 | 20.2 | 24.0                    | 20.5 |      | 23.2                    | 18.8 |      | 14.3                    |      |     |
| 60.0                                                                               | 24.7                    | 23.3 | 22.1 | 23.7                    | 21.2 | 19.2 | 22.8                    | 19.4 | 16.6 | 22.0                    | 17.7 |      | 14.1                    | 14.6 |     |
| 64.0                                                                               | 22.6                    | 21.2 | 20.1 | 21.6                    | 19.2 | 17.3 | 20.7                    | 17.5 | 14.8 | 19.9                    | 15.9 |      | 13.9                    | 14.1 |     |
| 68.0                                                                               | 20.8                    | 19.4 | 18.3 | 19.8                    | 17.5 | 15.7 | 18.9                    | 15.8 | 13.3 | 18.2                    | 14.4 | 11.3 | 13.6                    | 13.0 |     |
| 72.0                                                                               |                         | 17.8 | 16.8 | 18.3                    | 16.0 | 14.3 | 17.4                    | 14.4 | 12.1 | 16.7                    | 13.0 | 10.1 | 13.3                    | 11.7 |     |
| 76.0                                                                               |                         |      | 15.6 |                         | 14.8 | 13.1 |                         | 13.2 | 11.0 | 15.4                    | 11.9 | 9.1  | 12.9                    | 10.6 | 7.4 |
| 80.0                                                                               |                         |      |      |                         |      |      |                         | 12.3 | 10.0 |                         | 10.9 | 8.2  |                         | 9.6  | 6.6 |
| 84.0                                                                               |                         |      |      |                         |      |      |                         |      | 9.2  |                         | 10.1 | 7.4  |                         | 8.8  | 5.8 |
| 88.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 6.8  |                         | 8.2  | 5.2 |
| 92.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |      |                         |      | 4.7 |



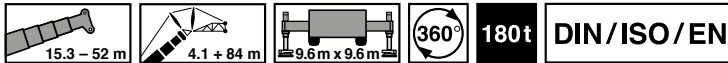
|  m | 15.3 m + 4.1 m + 72.0 m |      |      | 23.9 m + 4.1 m + 72.0 m |      |      | 33.0 m + 4.1 m + 72.0 m |      |      | 42.4 m + 4.1 m + 72.0 m |      |     | 52.0 m + 4.1 m + 72.0 m |      |     |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|-------------------------|------|-----|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° | 83°                     | 73°  | 65° |
| 26.0                                                                                 | 35.6                    |      |      |                         |      |      |                         |      |      |                         |      |     |                         |      |     |
| 28.0                                                                                 | 35.1                    |      |      | 32.9                    |      |      |                         |      |      |                         |      |     |                         |      |     |
| 30.0                                                                                 | 34.7                    |      |      | 32.6                    |      |      | 29.3                    |      |      |                         |      |     |                         |      |     |
| 32.0                                                                                 | 34.3                    |      |      | 32.3                    |      |      | 29.2                    |      |      | 24.4                    |      |     |                         |      |     |
| 34.0                                                                                 | 33.8                    |      |      | 32.0                    |      |      | 29.0                    |      |      | 24.4                    |      |     | 15.1                    |      |     |
| 36.0                                                                                 | 33.4                    |      |      | 31.7                    |      |      | 28.9                    |      |      | 24.3                    |      |     | 15.1                    |      |     |
| 38.0                                                                                 | 33.0                    |      |      | 31.4                    |      |      | 28.7                    |      |      | 24.3                    |      |     | 15.1                    |      |     |
| 40.0                                                                                 | 32.5                    |      |      | 31.1                    |      |      | 28.6                    |      |      | 24.2                    |      |     | 15.1                    |      |     |
| 42.0                                                                                 | 32.1                    | 30.3 |      | 30.8                    |      |      | 28.4                    |      |      | 24.2                    |      |     | 15.0                    |      |     |
| 44.0                                                                                 | 30.4                    | 28.6 |      | 29.4                    | 26.4 |      | 28.2                    |      |      | 24.1                    |      |     | 15.0                    |      |     |
| 46.0                                                                                 | 28.8                    | 27.1 |      | 27.8                    | 24.9 |      | 26.9                    |      |      | 24.1                    |      |     | 15.0                    |      |     |
| 48.0                                                                                 | 27.3                    | 25.6 |      | 26.3                    | 23.5 |      | 25.5                    | 21.7 |      | 24.0                    |      |     | 15.0                    |      |     |
| 50.0                                                                                 | 25.9                    | 24.3 |      | 25.0                    | 22.3 |      | 24.1                    | 20.5 |      | 23.4                    |      |     | 14.8                    |      |     |
| 52.0                                                                                 | 24.7                    | 23.1 | 21.9 | 23.7                    | 21.1 |      | 22.9                    | 19.4 |      | 22.2                    | 17.9 |     | 14.7                    |      |     |
| 54.0                                                                                 | 23.5                    | 22.0 | 20.8 | 22.6                    | 20.1 |      | 21.8                    | 18.4 |      | 21.1                    | 16.9 |     | 14.5                    |      |     |
| 56.0                                                                                 | 22.4                    | 21.0 | 19.8 | 21.5                    | 19.1 | 17.2 | 20.7                    | 17.5 |      | 20.0                    | 16.0 |     | 14.4                    |      |     |
| 58.0                                                                                 | 21.4                    | 20.0 | 18.9 | 20.5                    | 18.2 | 16.3 | 19.8                    | 16.6 |      | 19.1                    | 15.2 |     | 14.3                    |      |     |
| 60.0                                                                                 | 20.5                    | 19.1 | 18.0 | 19.6                    | 17.3 | 15.6 | 18.9                    | 15.8 | 13.4 | 18.2                    | 14.4 |     | 14.1                    | 13.2 |     |
| 64.0                                                                                 | 18.8                    | 17.5 | 16.5 | 18.0                    | 15.8 | 14.1 | 17.3                    | 14.4 | 11.9 | 16.6                    | 13.0 |     | 13.9                    | 11.6 |     |
| 68.0                                                                                 | 17.4                    | 16.1 | 15.2 | 16.6                    | 14.5 | 12.9 | 15.9                    | 13.1 | 10.6 | 15.2                    | 11.7 | 8.6 | 13.6                    | 10.3 |     |
| 72.0                                                                                 |                         | 14.9 | 14.0 | 15.4                    | 13.4 | 11.8 | 14.7                    | 11.9 | 9.5  | 14.1                    | 10.5 | 7.6 | 13.3                    | 9.2  |     |
| 76.0                                                                                 |                         |      | 13.0 |                         | 12.4 | 10.7 |                         | 10.9 | 8.6  | 13.1                    | 9.5  | 6.7 | 12.4                    | 8.2  | 5.0 |
| 80.0                                                                                 |                         |      |      |                         |      |      |                         | 10.0 | 7.7  |                         | 8.6  | 5.9 |                         | 7.4  | 4.3 |
| 84.0                                                                                 |                         |      |      |                         |      |      |                         |      | 7.1  |                         | 7.9  | 5.3 |                         | 6.7  | 3.7 |
| 88.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      | 4.7 |                         | 6.2  | 3.2 |
| 92.0                                                                                 |                         |      |      |                         |      |      |                         |      |      |                         |      |     |                         |      | 2.8 |



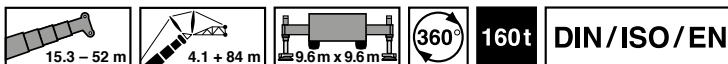
|  m | 15.3 m + 4.1 m + 78.0 m |      |      | 23.9 m + 4.1 m + 78.0 m |      |      | 33.0 m + 4.1 m + 78.0 m |      |      | 42.4 m + 4.1 m + 78.0 m |      |     | 52.0 m + 4.1 m + 78.0 m |      |     |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|-------------------------|------|-----|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° | 83°                     | 73°  | 65° |
| 26.0                                                                               | 26.0                    |      |      |                         |      |      |                         |      |      |                         |      |     |                         |      |     |
| 28.0                                                                               | 25.7                    |      |      | 24.1                    |      |      |                         |      |      |                         |      |     |                         |      |     |
| 30.0                                                                               | 25.4                    |      |      | 23.9                    |      |      | 21.5                    |      |      |                         |      |     |                         |      |     |
| 32.0                                                                               | 25.1                    |      |      | 23.6                    |      |      | 21.4                    |      |      | 18.1                    |      |     |                         |      |     |
| 34.0                                                                               | 24.8                    |      |      | 23.4                    |      |      | 21.2                    |      |      | 18.0                    |      |     | 12.8                    |      |     |
| 36.0                                                                               | 24.5                    |      |      | 23.2                    |      |      | 21.1                    |      |      | 17.9                    |      |     | 12.8                    |      |     |
| 38.0                                                                               | 24.3                    |      |      | 23.0                    |      |      | 20.9                    |      |      | 17.8                    |      |     | 12.7                    |      |     |
| 40.0                                                                               | 24.0                    |      |      | 22.8                    |      |      | 20.8                    |      |      | 17.7                    |      |     | 12.7                    |      |     |
| 42.0                                                                               | 23.7                    | 23.5 |      | 22.6                    |      |      | 20.6                    |      |      | 17.6                    |      |     | 12.7                    |      |     |
| 44.0                                                                               | 23.5                    | 23.3 |      | 22.4                    |      |      | 20.5                    |      |      | 17.5                    |      |     | 12.7                    |      |     |
| 46.0                                                                               | 23.2                    | 23.1 |      | 22.2                    | 21.9 |      | 20.3                    |      |      | 17.4                    |      |     | 12.6                    |      |     |
| 48.0                                                                               | 23.0                    | 22.9 |      | 22.0                    | 21.8 |      | 20.2                    |      |      | 17.3                    |      |     | 12.6                    |      |     |
| 50.0                                                                               | 22.8                    | 22.7 |      | 21.8                    | 21.7 |      | 20.0                    | 19.8 |      | 17.2                    |      |     | 12.6                    |      |     |
| 52.0                                                                               | 22.5                    | 22.5 |      | 21.6                    | 21.5 |      | 19.8                    | 19.8 |      | 17.0                    |      |     | 12.5                    |      |     |
| 54.0                                                                               | 22.3                    | 22.3 |      | 21.4                    | 21.4 |      | 19.7                    | 19.8 |      | 16.9                    |      |     | 12.4                    |      |     |
| 56.0                                                                               | 22.1                    | 22.2 | 21.6 | 21.2                    | 21.3 |      | 19.5                    | 19.8 |      | 16.7                    | 17.0 |     | 12.4                    |      |     |
| 58.0                                                                               | 21.8                    | 22.0 | 21.5 | 21.0                    | 21.2 |      | 19.3                    | 19.6 |      | 16.6                    | 17.0 |     | 12.3                    |      |     |
| 60.0                                                                               | 21.6                    | 21.8 | 21.3 | 20.8                    | 20.4 | 18.3 | 19.2                    | 18.5 |      | 16.4                    | 16.8 |     | 12.2                    |      |     |
| 64.0                                                                               | 21.1                    | 20.3 | 19.2 | 20.4                    | 18.3 | 16.4 | 18.8                    | 16.6 |      | 16.1                    | 15.0 |     | 12.0                    | 12.3 |     |
| 68.0                                                                               | 19.8                    | 18.5 | 17.4 | 18.9                    | 16.6 | 14.8 | 18.1                    | 15.0 | 12.4 | 15.8                    | 13.5 |     | 11.8                    | 11.8 |     |
| 72.0                                                                               | 18.3                    | 16.9 | 15.9 | 17.3                    | 15.1 | 13.4 | 16.5                    | 13.5 | 11.1 | 15.5                    | 12.1 | 9.1 | 11.7                    | 10.8 |     |
| 76.0                                                                               |                         | 15.6 | 14.6 | 16.0                    | 13.8 | 12.2 | 14.5                    | 12.3 | 10.0 | 14.4                    | 10.9 | 8.1 | 11.5                    | 9.7  |     |
| 80.0                                                                               |                         |      | 13.5 |                         | 12.7 | 11.1 |                         | 11.2 | 9.0  | 13.3                    | 9.9  | 7.2 | 11.3                    | 8.7  | 5.6 |
| 84.0                                                                               |                         |      |      |                         |      | 10.2 |                         | 10.4 | 8.2  |                         | 9.0  | 6.4 |                         | 7.8  | 4.8 |
| 88.0                                                                               |                         |      |      |                         |      |      |                         |      | 7.5  |                         | 8.3  | 5.7 |                         | 7.1  | 4.2 |
| 92.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      | 5.2 |                         | 6.5  | 3.7 |
| 96.0                                                                               |                         |      |      |                         |      |      |                         |      |      |                         |      |     |                         |      | 3.2 |



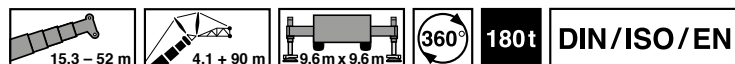
|  m | 15.3 m + 4.1 m + 78.0 m |      |      | 23.9 m + 4.1 m + 78.0 m |      |      | 33.0 m + 4.1 m + 78.0 m |      |     | 42.4 m + 4.1 m + 78.0 m |      |     | 52.0 m + 4.1 m + 78.0 m |      |     |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|-------------------------|------|-----|-------------------------|------|-----|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° | 83°                     | 73°  | 65° | 83°                     | 73°  | 65° |
| 26.0                                                                                 | 26.0                    |      |      |                         |      |      |                         |      |     |                         |      |     |                         |      |     |
| 28.0                                                                                 | 25.7                    |      |      | 24.1                    |      |      |                         |      |     |                         |      |     |                         |      |     |
| 30.0                                                                                 | 25.4                    |      |      | 23.9                    |      |      | 21.5                    |      |     |                         |      |     |                         |      |     |
| 32.0                                                                                 | 25.1                    |      |      | 23.7                    |      |      | 21.4                    |      |     | 18.1                    |      |     |                         |      |     |
| 34.0                                                                                 | 24.8                    |      |      | 23.4                    |      |      | 21.2                    |      |     | 18.0                    |      |     | 12.8                    |      |     |
| 36.0                                                                                 | 24.5                    |      |      | 23.2                    |      |      | 21.1                    |      |     | 17.9                    |      |     | 12.8                    |      |     |
| 38.0                                                                                 | 24.3                    |      |      | 23.0                    |      |      | 20.9                    |      |     | 17.8                    |      |     | 12.7                    |      |     |
| 40.0                                                                                 | 24.0                    |      |      | 22.8                    |      |      | 20.8                    |      |     | 17.7                    |      |     | 12.7                    |      |     |
| 42.0                                                                                 | 23.7                    | 23.5 |      | 22.6                    |      |      | 20.6                    |      |     | 17.6                    |      |     | 12.7                    |      |     |
| 44.0                                                                                 | 23.5                    | 23.3 |      | 22.4                    |      |      | 20.5                    |      |     | 17.5                    |      |     | 12.7                    |      |     |
| 46.0                                                                                 | 23.3                    | 23.1 |      | 22.2                    | 21.9 |      | 20.3                    |      |     | 17.5                    |      |     | 12.6                    |      |     |
| 48.0                                                                                 | 23.0                    | 22.9 |      | 22.0                    | 21.8 |      | 20.2                    |      |     | 17.3                    |      |     | 12.6                    |      |     |
| 50.0                                                                                 | 22.8                    | 22.7 |      | 21.8                    | 21.5 |      | 20.0                    | 19.7 |     | 17.2                    |      |     | 12.6                    |      |     |
| 52.0                                                                                 | 22.6                    | 22.3 |      | 21.6                    | 20.3 |      | 19.8                    | 18.6 |     | 17.0                    |      |     | 12.5                    |      |     |
| 54.0                                                                                 | 22.3                    | 21.2 |      | 21.4                    | 19.3 |      | 19.7                    | 17.6 |     | 16.9                    |      |     | 12.4                    |      |     |
| 56.0                                                                                 | 21.6                    | 20.1 | 19.0 | 20.7                    | 18.3 |      | 19.5                    | 16.6 |     | 16.7                    | 15.2 |     | 12.4                    |      |     |
| 58.0                                                                                 | 20.6                    | 19.2 | 18.1 | 19.8                    | 17.4 |      | 19.0                    | 15.8 |     | 16.6                    | 14.3 |     | 12.3                    |      |     |
| 60.0                                                                                 | 19.7                    | 18.3 | 17.2 | 18.8                    | 16.5 | 14.7 | 18.1                    | 15.0 |     | 16.4                    | 13.6 |     | 12.2                    |      |     |
| 64.0                                                                                 | 18.0                    | 16.7 | 15.7 | 17.2                    | 15.0 | 13.3 | 16.5                    | 13.5 |     | 15.8                    | 12.1 |     | 12.0                    | 10.7 |     |
| 68.0                                                                                 | 16.6                    | 15.3 | 14.3 | 15.8                    | 13.7 | 12.0 | 15.1                    | 12.2 | 9.7 | 14.4                    | 10.8 |     | 11.8                    | 9.4  |     |
| 72.0                                                                                 | 15.3                    | 14.1 | 13.1 | 14.5                    | 12.5 | 10.8 | 13.8                    | 11.0 | 8.6 | 13.2                    | 9.6  | 6.6 | 11.7                    | 8.3  |     |
| 76.0                                                                                 |                         | 13.0 | 12.1 | 13.5                    | 11.4 | 9.8  | 12.8                    | 9.9  | 7.6 | 12.0                    | 8.5  | 5.7 | 11.4                    | 7.3  |     |
| 80.0                                                                                 |                         |      | 11.2 |                         | 10.5 | 8.9  |                         | 9.0  | 6.8 | 11.1                    | 7.6  | 4.9 | 10.4                    | 6.4  | 3.3 |
| 84.0                                                                                 |                         |      |      |                         |      | 8.1  |                         | 8.2  | 6.1 |                         | 6.9  | 4.3 |                         | 5.7  | 2.7 |
| 88.0                                                                                 |                         |      |      |                         |      |      |                         |      | 5.4 |                         | 6.2  | 3.7 |                         | 5.1  | 2.2 |
| 92.0                                                                                 |                         |      |      |                         |      |      |                         |      |     |                         |      | 3.2 |                         | 4.6  |     |

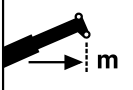


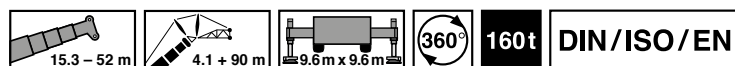
|  m | 15.3 m + 4.1 m + 84.0 m |      |      | 23.9 m + 4.1 m + 84.0 m |      |      | 33.0 m + 4.1 m + 84.0 m |      |      | 42.4 m + 4.1 m + 84.0 m |      |     | 52.0 m + 4.1 m + 84.0 m |      |     |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|-------------------------|------|-----|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° | 83°                     | 73°  | 65° |
| 28.0                                                                               | 21.4                    |      |      |                         |      |      |                         |      |      |                         |      |     |                         |      |     |
| 30.0                                                                               | 21.1                    |      |      | 20.0                    |      |      |                         |      |      |                         |      |     |                         |      |     |
| 32.0                                                                               | 20.8                    |      |      | 19.8                    |      |      | 18.1                    |      |      |                         |      |     |                         |      |     |
| 34.0                                                                               | 20.5                    |      |      | 19.6                    |      |      | 17.9                    |      |      | 15.4                    |      |     |                         |      |     |
| 36.0                                                                               | 20.3                    |      |      | 19.4                    |      |      | 17.8                    |      |      | 15.4                    |      |     | 11.1                    |      |     |
| 38.0                                                                               | 20.0                    |      |      | 19.2                    |      |      | 17.7                    |      |      | 15.3                    |      |     | 11.1                    |      |     |
| 40.0                                                                               | 19.7                    |      |      | 19.0                    |      |      | 17.5                    |      |      | 15.2                    |      |     | 11.1                    |      |     |
| 42.0                                                                               | 19.5                    |      |      | 18.7                    |      |      | 17.4                    |      |      | 15.1                    |      |     | 11.0                    |      |     |
| 44.0                                                                               | 19.2                    |      |      | 18.5                    |      |      | 17.3                    |      |      | 15.1                    |      |     | 11.0                    |      |     |
| 46.0                                                                               | 18.9                    | 18.9 |      | 18.3                    |      |      | 17.1                    |      |      | 15.0                    |      |     | 11.0                    |      |     |
| 48.0                                                                               | 18.7                    | 18.7 |      | 18.1                    |      |      | 17.0                    |      |      | 14.9                    |      |     | 11.0                    |      |     |
| 50.0                                                                               | 18.5                    | 18.4 |      | 17.9                    | 17.7 |      | 16.8                    |      |      | 14.9                    |      |     | 11.0                    |      |     |
| 52.0                                                                               | 18.2                    | 18.2 |      | 17.7                    | 17.6 |      | 16.7                    |      |      | 14.8                    |      |     | 11.0                    |      |     |
| 54.0                                                                               | 18.0                    | 18.0 |      | 17.5                    | 17.4 |      | 16.5                    | 16.3 |      | 14.7                    |      |     | 10.9                    |      |     |
| 56.0                                                                               | 17.8                    | 17.8 |      | 17.3                    | 17.3 |      | 16.4                    | 16.3 |      | 14.5                    |      |     | 10.9                    |      |     |
| 58.0                                                                               | 17.5                    | 17.6 |      | 17.1                    | 17.1 |      | 16.2                    | 16.2 |      | 14.4                    | 14.3 |     | 10.8                    |      |     |
| 60.0                                                                               | 17.3                    | 17.4 | 17.1 | 16.9                    | 17.0 |      | 16.1                    | 16.1 |      | 14.3                    | 14.3 |     | 10.8                    |      |     |
| 64.0                                                                               | 16.8                    | 17.0 | 16.8 | 16.5                    | 16.7 | 16.1 | 15.8                    | 16.0 |      | 14.1                    | 14.3 |     | 10.7                    |      |     |
| 68.0                                                                               | 16.3                    | 16.6 | 16.5 | 16.1                    | 16.4 | 14.6 | 15.5                    | 14.7 |      | 13.9                    | 13.2 |     | 10.6                    | 10.5 |     |
| 72.0                                                                               | 15.9                    | 16.2 | 15.7 | 15.7                    | 14.9 | 13.1 | 15.2                    | 13.3 | 10.9 | 13.7                    | 11.9 |     | 10.5                    | 10.5 |     |
| 76.0                                                                               | 15.4                    | 15.3 | 14.4 | 15.3                    | 13.6 | 11.9 | 14.8                    | 12.1 | 9.8  | 13.5                    | 10.7 | 7.8 | 10.4                    | 9.4  |     |
| 80.0                                                                               | 14.9                    | 14.1 | 13.2 | 14.5                    | 12.5 | 10.9 | 13.7                    | 11.0 | 8.8  | 13.0                    | 9.6  | 6.9 | 10.3                    | 8.4  |     |
| 84.0                                                                               |                         | 13.1 | 12.2 |                         | 11.5 | 9.9  | 12.7                    | 10.0 | 7.9  | 12.0                    | 8.7  | 6.1 | 10.1                    | 7.5  | 4.5 |
| 88.0                                                                               |                         |      |      |                         | 10.7 | 9.1  |                         | 9.2  | 7.2  |                         | 7.9  | 5.4 | 9.4                     | 6.8  | 4.1 |
| 92.0                                                                               |                         |      |      |                         |      | 8.5  |                         |      | 6.5  |                         | 7.3  | 4.8 |                         | 6.1  | 3.7 |
| 96.0                                                                               |                         |      |      |                         |      |      |                         |      | 6.0  |                         |      | 4.3 |                         | 5.6  | 3.3 |
| 100.0                                                                              |                         |      |      |                         |      |      |                         |      |      |                         |      | 3.9 |                         |      | 2.9 |
| 104.0                                                                              |                         |      |      |                         |      |      |                         |      |      |                         |      |     |                         |      | 2.5 |



|  m | 15.3 m + 4.1 m + 84.0 m |      |      | 23.9 m + 4.1 m + 84.0 m |      |      | 33.0 m + 4.1 m + 84.0 m |      |     | 42.4 m + 4.1 m + 84.0 m |      |     | 52.0 m + 4.1 m + 84.0 m |     |     |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|-------------------------|------|-----|-------------------------|-----|-----|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° | 83°                     | 73°  | 65° | 83°                     | 73° | 65° |
| 28.0                                                                                 | 21.4                    |      |      |                         |      |      |                         |      |     |                         |      |     |                         |     |     |
| 30.0                                                                                 | 21.1                    |      |      | 20.0                    |      |      |                         |      |     |                         |      |     |                         |     |     |
| 32.0                                                                                 | 20.8                    |      |      | 19.8                    |      |      | 18.1                    |      |     |                         |      |     |                         |     |     |
| 34.0                                                                                 | 20.5                    |      |      | 19.6                    |      |      | 17.9                    |      |     | 15.4                    |      |     |                         |     |     |
| 36.0                                                                                 | 20.3                    |      |      | 19.4                    |      |      | 17.8                    |      |     | 15.4                    |      |     | 11.1                    |     |     |
| 38.0                                                                                 | 20.0                    |      |      | 19.2                    |      |      | 17.7                    |      |     | 15.3                    |      |     | 11.1                    |     |     |
| 40.0                                                                                 | 19.7                    |      |      | 19.0                    |      |      | 17.5                    |      |     | 15.2                    |      |     | 11.1                    |     |     |
| 42.0                                                                                 | 19.5                    |      |      | 18.7                    |      |      | 17.4                    |      |     | 15.1                    |      |     | 11.0                    |     |     |
| 44.0                                                                                 | 19.2                    |      |      | 18.5                    |      |      | 17.3                    |      |     | 15.1                    |      |     | 11.0                    |     |     |
| 46.0                                                                                 | 18.9                    | 18.9 |      | 18.3                    |      |      | 17.1                    |      |     | 15.0                    |      |     | 11.0                    |     |     |
| 48.0                                                                                 | 18.7                    | 18.7 |      | 18.1                    |      |      | 17.0                    |      |     | 14.9                    |      |     | 11.0                    |     |     |
| 50.0                                                                                 | 18.5                    | 18.4 |      | 17.9                    | 17.7 |      | 16.8                    |      |     | 14.9                    |      |     | 11.0                    |     |     |
| 52.0                                                                                 | 18.2                    | 18.2 |      | 17.7                    | 17.6 |      | 16.7                    |      |     | 14.8                    |      |     | 11.0                    |     |     |
| 54.0                                                                                 | 18.0                    | 18.0 |      | 17.5                    | 17.4 |      | 16.5                    | 16.3 |     | 14.7                    |      |     | 10.9                    |     |     |
| 56.0                                                                                 | 17.8                    | 17.8 |      | 17.3                    | 17.3 |      | 16.4                    | 16.3 |     | 14.5                    |      |     | 10.9                    |     |     |
| 58.0                                                                                 | 17.5                    | 17.6 |      | 17.1                    | 17.1 |      | 16.2                    | 15.5 |     | 14.4                    | 14.1 |     | 10.8                    |     |     |
| 60.0                                                                                 | 17.3                    | 17.4 | 17.0 | 16.9                    | 16.3 |      | 16.1                    | 14.7 |     | 14.3                    | 13.3 |     | 10.8                    |     |     |
| 64.0                                                                                 | 16.8                    | 16.5 | 15.4 | 16.5                    | 14.8 | 13.0 | 15.8                    | 13.3 |     | 14.1                    | 11.9 |     | 10.7                    |     |     |
| 68.0                                                                                 | 16.3                    | 15.1 | 14.1 | 15.6                    | 13.4 | 11.8 | 14.8                    | 12.0 |     | 13.9                    | 10.5 |     | 10.6                    | 9.2 |     |
| 72.0                                                                                 | 15.1                    | 13.8 | 12.9 | 14.3                    | 12.3 | 10.6 | 13.6                    | 10.8 | 8.3 | 13.0                    | 9.3  |     | 10.5                    | 8.0 |     |
| 76.0                                                                                 | 14.0                    | 12.8 | 11.8 | 13.2                    | 11.2 | 9.5  | 12.5                    | 9.7  | 7.4 | 11.8                    | 8.3  | 5.4 | 10.4                    | 7.0 |     |
| 80.0                                                                                 | 13.0                    | 11.8 | 10.9 | 12.3                    | 10.2 | 8.6  | 11.5                    | 8.7  | 6.5 | 10.8                    | 7.4  | 4.7 | 10.1                    | 6.1 |     |
| 84.0                                                                                 |                         | 11.0 | 10.1 |                         | 9.3  | 7.8  | 10.6                    | 7.9  | 5.8 | 9.9                     | 6.6  | 4.0 | 9.2                     | 5.4 |     |
| 88.0                                                                                 |                         |      |      |                         | 8.6  | 7.1  |                         | 7.2  | 5.1 |                         | 5.9  | 3.4 | 8.5                     | 4.7 |     |
| 92.0                                                                                 |                         |      |      |                         |      | 6.5  |                         |      | 4.6 |                         | 5.3  | 2.9 |                         | 4.2 |     |
| 96.0                                                                                 |                         |      |      |                         |      |      |                         |      | 4.2 |                         |      | 2.5 |                         | 3.7 |     |
| 100.0                                                                                |                         |      |      |                         |      |      |                         |      |     |                         |      | 2.1 |                         |     |     |



|  m | 15.3 m + 4.1 m + 90.0 m |      |      | 23.9 m + 4.1 m + 90.0 m |      |      | 33.0 m + 4.1 m + 90.0 m |      |      | 42.4 m + 4.1 m + 90.0 m |      |     | 52.0 m + 4.1 m + 90.0 m |     |     |
|------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|-------------------------|-----|-----|
|                                                                                    | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° | 83°                     | 73° | 65° |
| 32.0                                                                               | 17.4                    |      |      | 16.6                    |      |      |                         |      |      |                         |      |     |                         |     |     |
| 34.0                                                                               | 17.2                    |      |      | 16.4                    |      |      | 15.1                    |      |      |                         |      |     |                         |     |     |
| 36.0                                                                               | 16.9                    |      |      | 16.2                    |      |      | 15.0                    |      |      | 13.0                    |      |     |                         |     |     |
| 38.0                                                                               | 16.7                    |      |      | 16.0                    |      |      | 14.9                    |      |      | 13.0                    |      |     | 9.4                     |     |     |
| 40.0                                                                               | 16.4                    |      |      | 15.8                    |      |      | 14.7                    |      |      | 12.9                    |      |     | 9.4                     |     |     |
| 42.0                                                                               | 16.2                    |      |      | 15.6                    |      |      | 14.6                    |      |      | 12.8                    |      |     | 9.4                     |     |     |
| 44.0                                                                               | 15.9                    |      |      | 15.4                    |      |      | 14.5                    |      |      | 12.8                    |      |     | 9.4                     |     |     |
| 46.0                                                                               | 15.6                    |      |      | 15.2                    |      |      | 14.3                    |      |      | 12.7                    |      |     | 9.4                     |     |     |
| 48.0                                                                               | 15.4                    | 15.4 |      | 15.0                    |      |      | 14.2                    |      |      | 12.6                    |      |     | 9.4                     |     |     |
| 50.0                                                                               | 15.2                    | 15.2 |      | 14.8                    |      |      | 14.1                    |      |      | 12.6                    |      |     | 9.4                     |     |     |
| 52.0                                                                               | 15.0                    | 15.0 |      | 14.6                    | 14.5 |      | 13.9                    |      |      | 12.5                    |      |     | 9.4                     |     |     |
| 54.0                                                                               | 14.7                    | 14.7 |      | 14.4                    | 14.3 |      | 13.8                    |      |      | 12.4                    |      |     | 9.4                     |     |     |
| 56.0                                                                               | 14.5                    | 14.5 |      | 14.3                    | 14.2 |      | 13.6                    |      |      | 12.3                    |      |     | 9.4                     |     |     |
| 58.0                                                                               | 14.3                    | 14.3 |      | 14.1                    | 14.0 |      | 13.5                    | 13.3 |      | 12.2                    |      |     | 9.3                     |     |     |
| 60.0                                                                               | 14.1                    | 14.1 |      | 13.9                    | 13.8 |      | 13.3                    | 13.2 |      | 12.1                    |      |     | 9.3                     |     |     |
| 64.0                                                                               | 13.7                    | 13.7 | 13.6 | 13.5                    | 13.5 |      | 13.1                    | 13.0 |      | 11.9                    | 11.8 |     | 9.2                     |     |     |
| 68.0                                                                               | 13.2                    | 13.3 | 13.2 | 13.1                    | 13.2 |      | 12.8                    | 12.9 |      | 11.7                    | 11.8 |     | 9.2                     |     |     |
| 72.0                                                                               | 12.8                    | 13.0 | 12.9 | 12.7                    | 12.9 | 12.7 | 12.5                    | 12.7 |      | 11.6                    | 11.7 |     | 9.1                     | 8.8 |     |
| 76.0                                                                               | 12.4                    | 12.6 | 12.6 | 12.4                    | 12.6 | 11.8 | 12.2                    | 12.2 | 10.0 | 11.4                    | 11.1 |     | 9.0                     | 8.7 |     |
| 80.0                                                                               | 11.9                    | 12.3 | 12.3 | 12.0                    | 12.3 | 10.8 | 11.9                    | 11.1 | 9.0  | 11.2                    | 10.0 | 7.4 | 8.9                     | 8.4 |     |
| 84.0                                                                               | 11.5                    | 11.9 | 11.7 | 11.6                    | 11.3 | 9.8  | 11.6                    | 10.1 | 8.1  | 11.0                    | 9.1  | 6.6 | 8.9                     | 7.9 |     |
| 88.0                                                                               |                         | 11.5 | 10.7 | 11.2                    | 10.3 | 8.9  | 11.3                    | 9.2  | 7.3  | 10.8                    | 8.2  | 5.9 | 8.8                     | 7.4 | 4.6 |
| 92.0                                                                               |                         |      | 9.9  |                         | 9.5  | 8.1  |                         | 8.4  | 6.6  | 10.3                    | 7.5  | 5.2 | 7.7                     | 6.6 | 4.0 |
| 96.0                                                                               |                         |      |      |                         |      | 7.4  |                         | 7.7  | 5.9  |                         | 6.8  | 4.6 |                         | 6.0 | 3.4 |
| 100.0                                                                              |                         |      |      |                         |      |      |                         |      | 5.3  |                         | 6.1  | 4.0 |                         | 5.3 | 2.9 |
| 104.0                                                                              |                         |      |      |                         |      |      |                         |      |      |                         |      | 3.5 |                         | 4.7 | 2.4 |
| 108.0                                                                              |                         |      |      |                         |      |      |                         |      |      |                         |      |     |                         |     | 2.0 |



|  m | 15.3 m + 4.1 m + 90.0 m |      |      | 23.9 m + 4.1 m + 90.0 m |      |      | 33.0 m + 4.1 m + 90.0 m |      |     | 42.4 m + 4.1 m + 90.0 m |      |     | 52.0 m + 4.1 m + 90.0 m |     |     |
|--------------------------------------------------------------------------------------|-------------------------|------|------|-------------------------|------|------|-------------------------|------|-----|-------------------------|------|-----|-------------------------|-----|-----|
|                                                                                      | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65°  | 83°                     | 73°  | 65° | 83°                     | 73°  | 65° | 83°                     | 73° | 65° |
| 32.0                                                                                 | 17.4                    |      |      | 16.6                    |      |      |                         |      |     |                         |      |     |                         |     |     |
| 34.0                                                                                 | 17.2                    |      |      | 16.4                    |      |      | 15.1                    |      |     |                         |      |     |                         |     |     |
| 36.0                                                                                 | 16.9                    |      |      | 16.2                    |      |      | 15.0                    |      |     | 13.0                    |      |     |                         |     |     |
| 38.0                                                                                 | 16.7                    |      |      | 16.0                    |      |      | 14.9                    |      |     | 13.0                    |      |     | 9.4                     |     |     |
| 40.0                                                                                 | 16.4                    |      |      | 15.8                    |      |      | 14.7                    |      |     | 12.9                    |      |     | 9.4                     |     |     |
| 42.0                                                                                 | 16.2                    |      |      | 15.6                    |      |      | 14.6                    |      |     | 12.8                    |      |     | 9.4                     |     |     |
| 44.0                                                                                 | 15.9                    |      |      | 15.4                    |      |      | 14.5                    |      |     | 12.8                    |      |     | 9.4                     |     |     |
| 46.0                                                                                 | 15.6                    |      |      | 15.2                    |      |      | 14.3                    |      |     | 12.7                    |      |     | 9.4                     |     |     |
| 48.0                                                                                 | 15.4                    | 15.4 |      | 15.0                    |      |      | 14.2                    |      |     | 12.6                    |      |     | 9.4                     |     |     |
| 50.0                                                                                 | 15.2                    | 15.2 |      | 14.8                    |      |      | 14.1                    |      |     | 12.6                    |      |     | 9.4                     |     |     |
| 52.0                                                                                 | 15.0                    | 15.0 |      | 14.6                    | 14.5 |      | 13.9                    |      |     | 12.5                    |      |     | 9.4                     |     |     |
| 54.0                                                                                 | 14.7                    | 14.7 |      | 14.4                    | 14.3 |      | 13.8                    |      |     | 12.4                    |      |     | 9.4                     |     |     |
| 56.0                                                                                 | 14.5                    | 14.5 |      | 14.3                    | 14.2 |      | 13.6                    |      |     | 12.3                    |      |     | 9.4                     |     |     |
| 58.0                                                                                 | 14.3                    | 14.3 |      | 14.1                    | 14.0 |      | 13.5                    | 13.3 |     | 12.2                    |      |     | 9.3                     |     |     |
| 60.0                                                                                 | 14.1                    | 14.1 |      | 13.9                    | 13.8 |      | 13.3                    | 13.2 |     | 12.1                    |      |     | 9.3                     |     |     |
| 64.0                                                                                 | 13.7                    | 13.7 | 13.6 | 13.5                    | 13.5 |      | 13.1                    | 12.7 |     | 11.9                    | 11.3 |     | 9.2                     |     |     |
| 68.0                                                                                 | 13.2                    | 13.3 | 13.2 | 13.1                    | 12.8 |      | 12.8                    | 11.4 |     | 11.7                    | 9.9  |     | 9.2                     |     |     |
| 72.0                                                                                 | 12.8                    | 13.0 | 12.3 | 12.7                    | 11.7 | 10.0 | 12.5                    | 10.2 |     | 11.6                    | 8.7  |     | 9.1                     | 7.3 |     |
| 76.0                                                                                 | 12.4                    | 12.1 | 11.2 | 12.4                    | 10.6 | 8.9  | 11.9                    | 9.0  | 6.7 | 11.2                    | 7.6  |     | 9.0                     | 6.3 |     |
| 80.0                                                                                 | 11.9                    | 11.2 | 10.3 | 11.6                    | 9.5  | 7.9  | 10.8                    | 8.1  | 5.8 | 10.1                    | 6.7  | 4.0 | 8.9                     | 5.5 |     |
| 84.0                                                                                 | 11.5                    | 10.3 | 9.4  | 10.7                    | 8.7  | 7.1  | 9.9                     | 7.2  | 5.1 | 9.2                     | 5.9  | 3.3 | 8.5                     | 4.7 |     |
| 88.0                                                                                 |                         | 9.5  | 8.6  | 9.9                     | 7.9  | 6.4  | 9.1                     | 6.5  | 4.4 | 8.4                     | 5.2  | 2.7 | 7.8                     | 4.0 |     |
| 92.0                                                                                 |                         |      | 7.9  |                         | 7.3  | 5.8  |                         | 5.9  | 3.9 | 7.8                     | 4.6  | 2.2 | 7.1                     | 3.5 |     |
| 96.0                                                                                 |                         |      |      |                         |      | 5.3  |                         | 5.4  | 3.4 |                         | 4.1  |     |                         | 3.0 |     |
| 100.0                                                                                |                         |      |      |                         |      |      |                         |      | 3.0 |                         | 3.7  |     |                         | 2.6 |     |
| 104.0                                                                                |                         |      |      |                         |      |      |                         |      |     |                         |      |     |                         | 2.3 |     |

# ADDITIONAL INFORMATION

ZUSATZINFORMATIONEN

INFORMATIONS SUPPLÉMENTAIRES

INFORMACIÓN ADICIONAL

ALTRE INFORMAZIONI

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ



## Additional information · Zusatzinformationen · Informations supplémentaires

### Remarks relating to the capacity charts · Anmerkungen zu den Traglasttabellen Remarques relatives aux tableaux des charges

1. The lifting capacities in the structural area are based on EN 13000.
2. The lifting capacities in the stability area are based on ISO 4305 / EN 13000.
3. Depending on the boom length, with the lifting capacity charts, wind speeds up to max. 13.3 m/s are admissible. Due to the different extension sequences of the various telescopes, the boom lengths may differ slightly from those indicated in the lifting capacity charts.
4. The lifting capacities are shown in metric tons.
5. The weight of load handling devices such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.
6. The lifting capacities for the telescopic boom apply to a crane with no jib being stowed or mounted on the crane.
7. The working radius is the horizontal distance from the centre of rotation to the centre of the freely suspended non-oscillating load.

1. Die Tragfähigkeiten im Festigkeitsbereich basieren auf EN 13000.
2. Die Tragfähigkeiten im Standsicherheitsbereich entsprechen ISO 4305 / EN 13000.
3. In Abhängigkeit der Auslegerlänge sind bei den Traglasttabellen Windgeschwindigkeiten bis max. 13,3 m/s zulässig. Aufgrund unterschiedlicher Ausfahrfolgen der Teleskope können die in den Traglasttabellen angegebenen Auslegerlängen geringfügig abweichend sein.
4. Die Tragfähigkeiten sind in metrischen Tonnen angegeben.
5. Das Gewicht des Lasthakens bzw. der Unterflasche und weiterer Anschlagmittel ist von der Tragfähigkeit abziehen.
6. Die Tragfähigkeiten für den Teleskopausleger gelten nur bei demontierter Auslegerverlängerung.
7. Die Ausladung ist der horizontale Abstand von Mitte Drehkranz bis Mitte freihängender, nicht schwingender Last.

1. Les forces de levage sont conformes aux normes EN 13000.
2. Les forces de levage dans la partie de stabilité au renversement sont conformes aux normes ISO 4305 / EN 13000.
3. En fonction de la longueur de la flèche, des vitesses du vent jusqu'à 13,3 m/s maxi. sont admissibles avec les tableaux des charges. A cause des séquences d'extension différentes des télescopes individuels, les longueurs de flèche peuvent varier légèrement par rapport aux valeurs indiquées dans les tableaux de charge.
4. Les forces de levage sont données en tonnes métriques.
5. Le poids du crochet-moufle et de tous les accessoires d'élévation font partie de la charge et sont à déduire des charges indiquées.
6. Les forces de levage indiquées pour la flèche télescopique s'entendent rallonge de flèche déposée.
7. Comme portée, on entend la distance horizontale du centre de la couronne de rotation au centre de la charge librement suspendue et non oscillante.

### General remarks · Allgemeine Anmerkungen · Remarques générales

Unless otherwise specified, all the information given in this brochure refers to the standard equipment of the crane and only is intended as general information. For correct crane operation, the original operating manual and lifting capacity charts are essential. No liability is accepted for the accuracy of this information. Errors and omissions excepted. Illustrations are similar only. All dimensions - unless otherwise specified - in mm.

Alle Angaben in dieser Broschüre beziehen sich - wenn nicht anderweitig aufgeführt - auf die Standard-Ausstattung des Krans und dienen nur zur allgemeinen Information. Zum ordnungsgemäßen Betrieb des Krans sind die original Bedienungsanleitung und Traglasttabellen maßgeblich. Alle Angaben erfolgen ohne Gewähr. Änderungen und Irrtümer vorbehalten. Abbildungen ähnlich. Alle Bemaßungen - wenn nicht anders angegeben - in mm.

Sauf indication contraire, toutes les informations dans cette brochure se rapportent à l'équipement standard de la grue et constituent uniquement des informations générales. Pour le fonctionnement correct de la grue, le manuel d'instructions original et les tableaux des charges de levage sont déterminants. Toutes les informations sont fournies sans garantie. Sous réserve de modifications techniques et d'erreurs. Illustrations similaires mais pas identiques à l'engin montré. Toutes les cotes - sauf indication différente - en mm.

Notas relativas a los graficos de carga · Note sulle tabelle delle portate  
Примечания к таблицам грузоподъемности

1. En cuanto a los datos referentes a resistencia, las capacidades de carga están basados sobre las normas EN 13000.
2. En cuanto a los datos referentes a estabilidad anti-vuelco, las capacidades de carga están basados sobre las normas ISO 4305 / EN 13000.
3. En función de la longitud de la pluma, las tablas de carga permiten velocidades del viento hasta un máximo de 13,3 m/s. Debido a las diferentes secuencias de extensión de los telescopios, puede haber algunas variaciones insignificantes con respecto a las longitudes de pluma indicadas en las tablas de carga.
4. Las capacidades de carga indicadas en las tablas corresponden a toneladas métricas.
5. Hay que deducir los pesos del gancho, eslingas y de otros dispositivos para fijación de cargas de los valores indicados en las tablas.
6. Las capacidades de carga referentes a la pluma telescópica valen solamente si el alargamiento de pluma está desmontado.
7. Como alcance se entiende la distancia horizontal desde el centro de la corona de giro hasta el centro de la carga suspendida libremente y no oscilante.

1. Le capacità di carico nel range di resistenza sono riferite alla norma EN 13000.
2. Le capacità di carico nel range di stabilità sono conformi alle norme ISO 4305 / EN 13000.
3. Nelle tabelle delle portate sono ammesse velocità del vento fino a max. 13,3 m/s in funzione della lunghezza del braccio. Considerata la diversa sequenza di sfilo dei telescopi, le lunghezze del braccio indicate nelle tabelle delle portate possono essere lievemente differenti.
4. Le capacità di carico sono indicate in tonnellate metriche.
5. Il peso del gancio di carico, ovvero del bozzello e delle altre imbracature deve essere detratto dalla capacità di carico.
6. Le capacità di carico per il braccio telescopico sono applicabili soltanto con prolunga del braccio smontata.
7. Per sbraccio si intende la distanza orizzontale dal centro della corona rotante al centro del carico sospeso, ma non oscillante.

1. Значения грузоподъемности в пределах категории прочности основаны на положениях стандарта EN 13000.
2. Значения грузоподъемности в пределах области устойчивости соответствуют стандарту ISO 4305 / EN 13000.
3. В зависимости от длины стрелы таблицы грузоподъемности допускают скорость ветра до макс. 13,3 м/с. При разных вариантах телескопирования стрелы её длина может незначительно отличаться от указанной в таблицах грузоподъемности.
4. Грузоподъемность указана в метрических тоннах.
5. Из грузоподъемности необходимо вычесть вес грузового крюка или крюковой обоймы, а также других грузозахватных приспособлений.
6. Значения грузоподъемности для телескопической стрелы действительны только при демонтированном удлинителе стрелы (гуське).
7. Вылет — это расстояние по горизонтали от центра поворотного круга до центра свободно подвешенного груза без раскачивания.

Notas adicionales · Annotazioni generali · Общие примечания

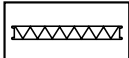
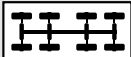
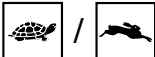
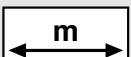
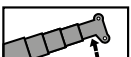
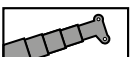
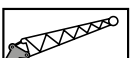
A no ser que se indique lo contrario, todos los datos incluidos en este folleto hacen referencia al equipamiento estándar de la grúa y sólo tienen un carácter informativo general. El manual de instrucciones original y las tablas de capacidades de carga son determinantes para lograr un correcto funcionamiento de la grúa. Todos los datos se facilitan sin garantía. Reservadas las modificaciones y los errores. Ilustraciones similares. Todas las dimensiones - salvo indicación en contrario - en mm.

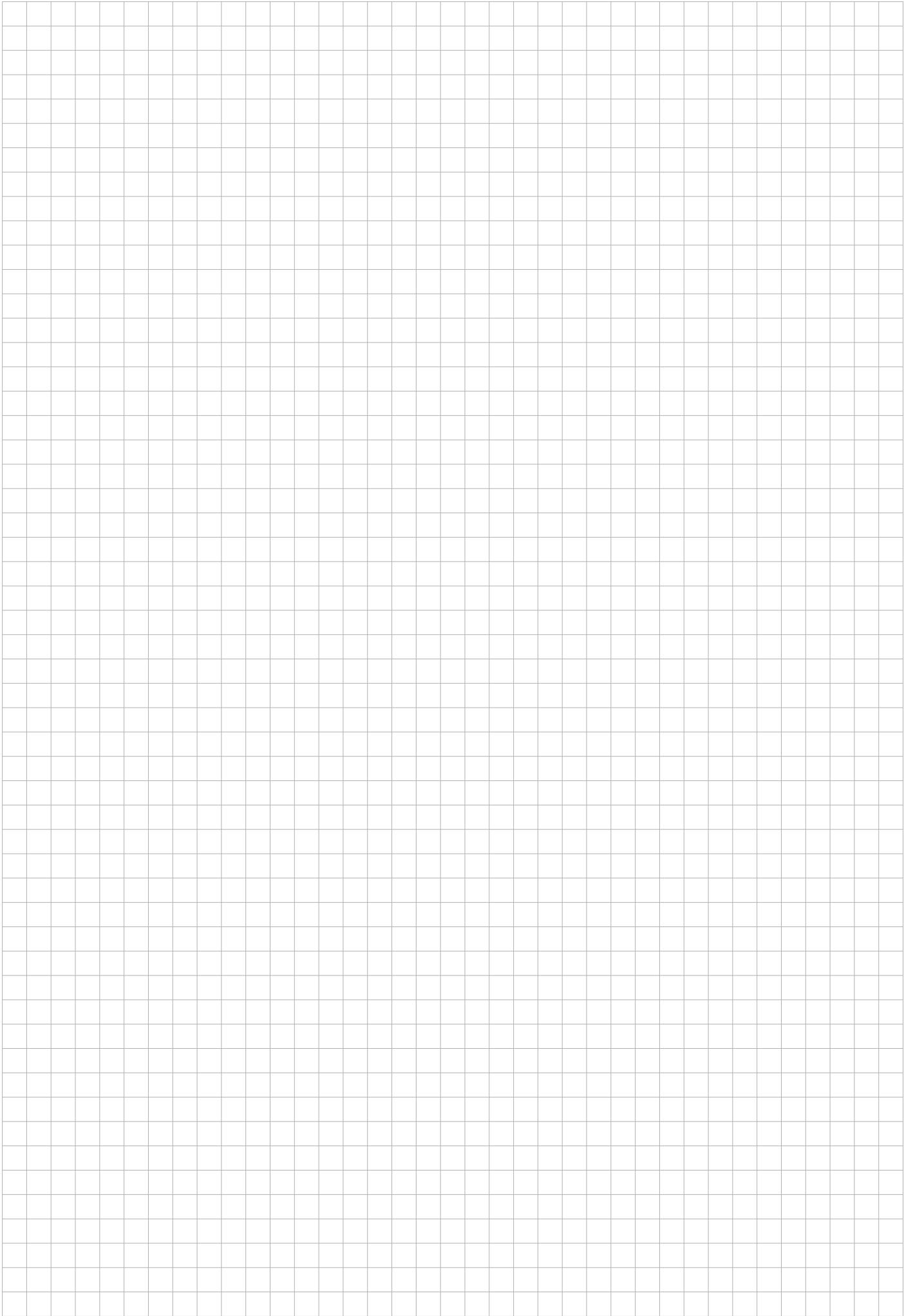
Se non diversamente specificato, tutti i dati di questa brochure si riferiscono alla dotazione standard della gru e sono da considerarsi come informazioni generali. Per un esercizio corretto della gru, sono determinanti il manuale d'uso originale e le tabelle delle portate. Si declina ogni responsabilità per tutti i dati. Con riserva di modifiche ed errori. Figure simili. Tutte le quotature sono in mm (se non diversamente specificato).

Все данные, приведенные в этой брошюре, относятся — если не указано иное — к стандартному оснащению крана и служат лишь для общей информации. Порядок надлежащей эксплуатации крана определяется оригиналом руководства по эксплуатации и таблицами грузоподъемности. Все данные приведены без обязательств. Возможны изменения и ошибки. Иллюстрации являются приблизительными. Все размеры — если не указано другое — в мм.

# Symbols · Symbolerklärung · Glossaire des symboles

## Glosario de simbolos · Spiegazione dei simboli · Условные обозначения

|                                                                                    |                                                                                                                                                                                                                                     |                                                                                     |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Gross weight · Gesamtgewicht<br>Poids total · Peso total<br>Peso totale · Полная масса                                                                                                                                              |    | Luffing jib · Wippspitze<br>Fléchette à volée variable · Plumín abatible<br>Punta oscillante · маневровый гусек                                                                                           |
|    | Axle load · Achslast<br>Charge à l'essieu · Carga por eje<br>Carico assiale · Осевая нагрузка                                                                                                                                       |    | Fly jib section · Spitzenteil<br>Élément de fléchette · Plumín<br>Parte punta · Головная секция                                                                                                           |
|    | Drive · Antrieb<br>Entraînement · Tracción<br>Trazione · Привод                                                                                                                                                                     |    | Swing area · Drehbereich<br>Rayon de rotation · Zona de giro<br>Area di rotazione · Область поворота                                                                                                      |
|    | Tyres · Bereifung<br>Pneus · Neumáticos<br>Pneumatici · Шины                                                                                                                                                                        |    | Hydraulically lockable · Hydraulisch verriegelbar<br>Verrouillable hydrauliquement · Con embulonamiento hidráulico · Con dispositivo di bloccaggio idraulico<br>Гидравлическая блокировка                 |
|    | Gradeability · Steigfähigkeit · Capacité de gravisement de pente · Superación de pendientes · Capacità di salita<br>Способность преодолевать подъем                                                                                 |    | Main winch · Hubwinde · Mécanisme de levage<br>Cabrestante principal · Meccanismo di sollevamento<br>Главная лебедка                                                                                      |
|    | Off road / On road · Gelände / Straße<br>Tout-terrain / Mode "Route" · Todo terreno / En carretera<br>Fuori strada / Su strada · Бездорожье / Дорога                                                                                |    | 2 <sup>nd</sup> winch · 2. Winde<br>2 <sup>ème</sup> treuil · 2° cabrestante<br>Secondo argano · 2-я лебедка                                                                                              |
|    | Speed · Geschwindigkeit<br>Vitesse · Velocidad<br>Velocità · Скорость                                                                                                                                                               |    | 3 <sup>rd</sup> winch · 3. Winde<br>3 <sup>ème</sup> treuil · 3° cabrestante<br>Terzo argano · 3-я лебедка                                                                                                |
|   | Outriggers · Abstützung<br>Calage · Estabilizadores<br>Stabilizzazione · На аутригерах                                                                                                                                              |   | Type · Typ<br>Tipo · Тип                                                                                                                                                                                  |
|  | Counterweight · Gegengewicht<br>Contrepoids · Contrapeso<br>Contrappeso · Противовес                                                                                                                                                |  | Lifting capacity · Traglast<br>Charge de levage · Carga<br>Portata · Грузоподъемность                                                                                                                     |
|  | Counterweight element · Gegengewichtselement<br>Élément de contrepoids · Parte del contrapeso<br>Parte contrappeso · Деталь противовеса                                                                                             |  | Rope sheaves · Seilrollen<br>Poulies de câbles · Poleas de cable<br>Pulegge · Канатные шкивы                                                                                                              |
|  | Length · Länge<br>Longueur · Longitud<br>Lunghezza · Длина                                                                                                                                                                          |  | Parts of line · Seilstränge<br>Brins de câble · Ramales de cable<br>Spire della fune · Запасовка                                                                                                          |
|  | Boom elevation · Wippwerk · Mécanisme de relevage<br>Elevación de pluma · Gruppo di brandeggio<br>Механизм изменения подъема стрелы                                                                                                 |  | Dead-weight · Eigengewicht<br>Poids total · Tara<br>Peso proprio · Собственный вес                                                                                                                        |
|  | Boom telescoping · Teleskopieren<br>Télescopage de flèche · Telescopaje de pluma<br>Telescopaggio · Телескопирование                                                                                                                |  | Wire rope length · Hubseillänge<br>Longueur du câble de levage · Longitud del cable de izaje · Lunghezza fune di sollevamento<br>Длина подъемного троса                                                   |
|  | Telescopic boom · Teleskopausleger<br>Flèche télescopique · Pluma telescópica<br>Braccio telescopico · Телескопическая стрела                                                                                                       |  | Wire rope diameter · Hubseildurchmesser<br>Diamètre du câble de levage · Diámetro del cable de elevación · Diametro fune di sollevamento<br>Диаметр подъемного троса                                      |
|  | Radius · Ausladung<br>Portée · Radio<br>Sbraccio · Вылет                                                                                                                                                                            |  | Wire rope pulling force · Hubseilzugkraft<br>Force de traction du câble de levage · Fuerza de tracción del cable de elevación · Forza di trazione fune di sollevamento<br>Тяговое усилие подъемного троса |
|  | Tilttable jib · abwinkelbare Spitze<br>Fléchette inclinable · Plumín regulable<br>Punta con regolazione angolo<br>Гусек с изменением угла наклона                                                                                   |  | Weight · Gewicht<br>Poids · Peso<br>Peso · Bec                                                                                                                                                            |
|  | Hydraulically tilttable jib · hydraulisch abwinkelbare Spitze<br>Fléchette inclinable hydrauliquement · Plumín regulable hidráulicamente · Punta con regolazione angolo idraulica<br>Гусек гидравлический с изменением угла наклона |                                                                                     |                                                                                                                                                                                                           |





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