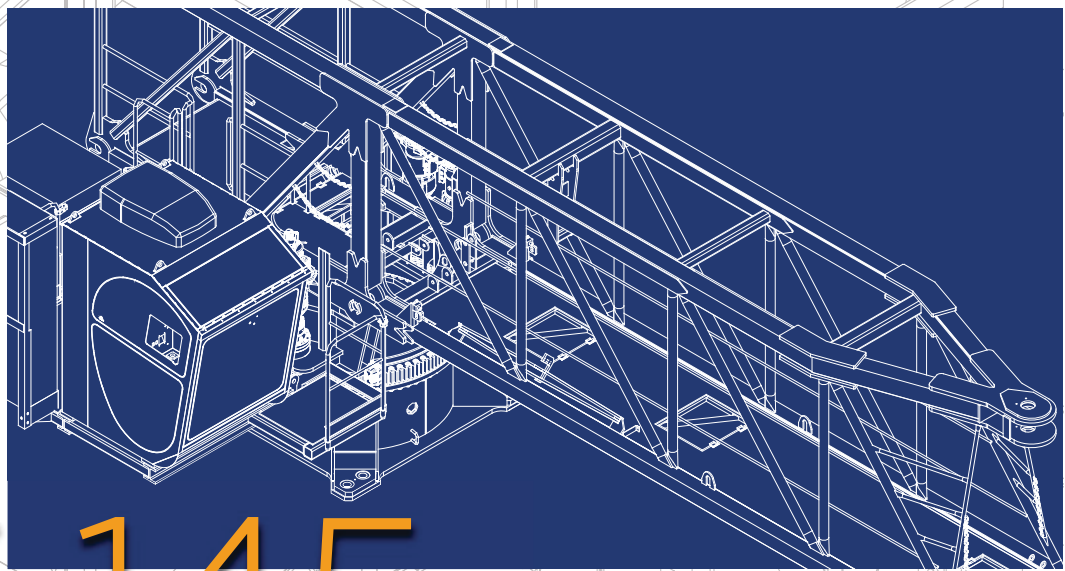


ENG
— CRANES —

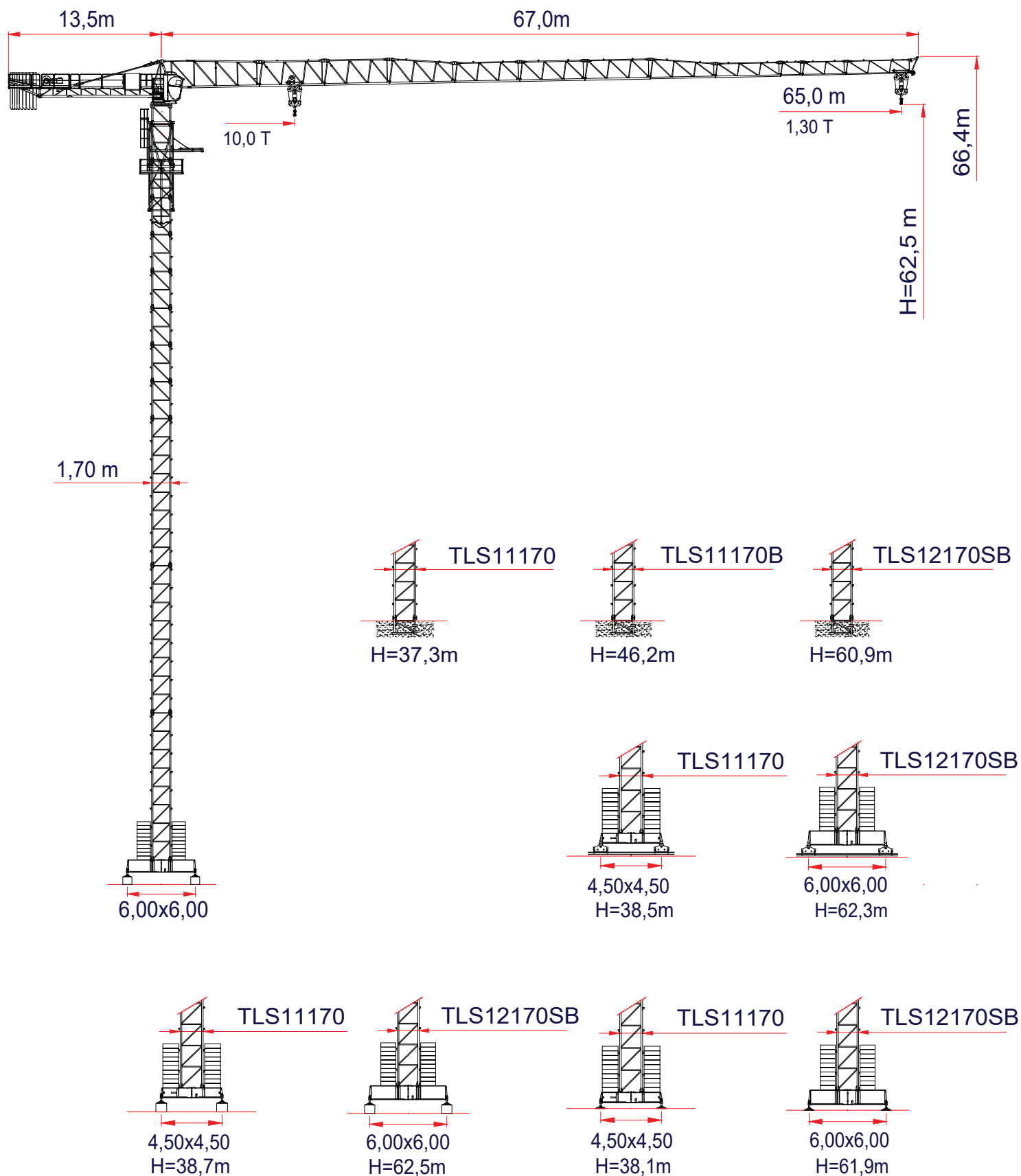
Design, engineering, manufacture



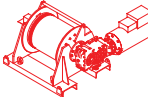
ETT 145
10t

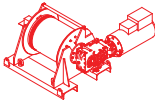
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2018

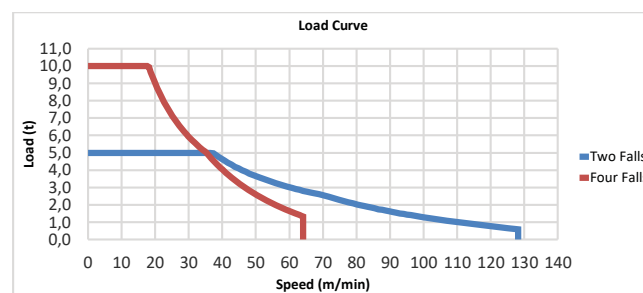
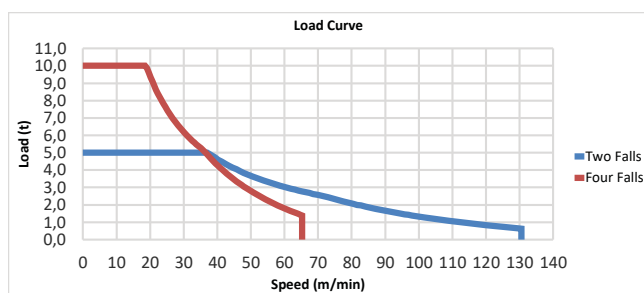
CE EN14439-C25



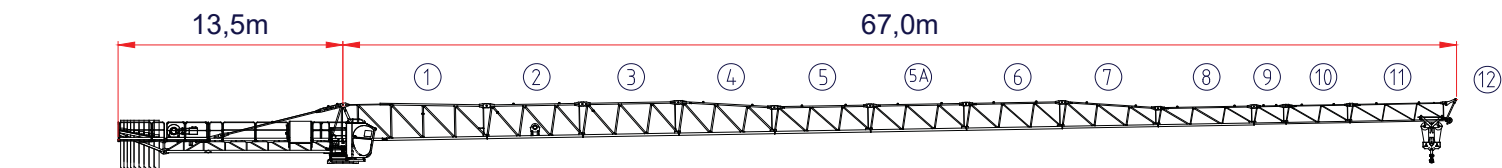
		Speed - Velocità - Vitesse - Geschwindigkeit	Power - Potenza - Puissance - Leistung
Slewing Rotazione Orientation Schwenken		0 → 0,70 r.p.m.	2 x 65 Nm
Trolley Carrello Chariot Katzfahren		0 → 83 m/min	1 x 5,5 KW
Rail Traslazione Translation Kranfahren		0 → 19 m/min	4 x 4,0 kW

Type Tipo Type Type		Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
		hp - CV PS - ch	kW	m	
HW105034BR1000		50	37	337	
Layer - Strati Couches - Lagen		N. 6			
Step - Marcia Vitesse - Gang		kg	m/min	kg	m/min
1		5000	11,0	10000	5,0
2		5000	22,0	10000	11,0
3		5000	36,0	10000	18,0
4		2980	61,0	6100	31,0
5		930	115,0	1990	58,0
6		630	131,0	1390	65,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe		 163 m		 79 m	

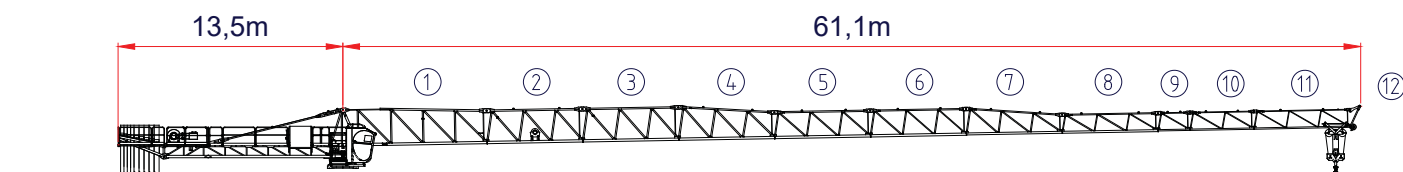
Type Tipo Type Type 	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
HW105054BR1000	50	37	541	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	5000	11,0	10000	5,0
2	5000	21,0	10000	11,0
3	5000	34,0	10000	17,0
4	2240	76,0	4430	38,0
5	1010	110,0	2080	55,0
6	600	128,0	1340	64,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	 263 m		 128 m	



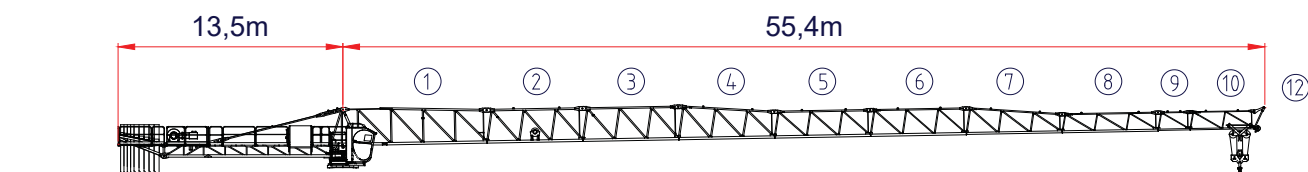
TOTAL INSTALLED POWER FORZA MOTRICE TOTALE PUISSANCE TOTALE DES MOTEURS GESAMT-MOTORENLEISTUNG	37 kW (50 hp) 72 kVA - 400/480 V - 50/60 Hz ± 5% ± 2%
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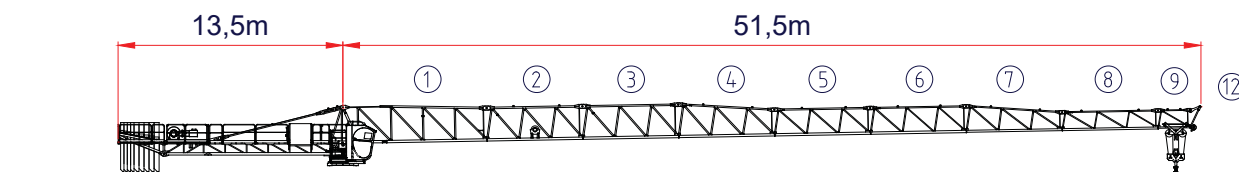
			JIB (m)												
				12	16	20	25	31	36	42	48	50	54	60	65
5 t	→ STD (m)	22,1	STD (t)	5,00	5,00	5,00	4,31	3,32	2,75	2,25	1,88	1,77	1,59	1,36	1,20
	→ L.I.S. (m)	23,2	L.I.S. (t)	5,00	5,00	5,00	4,58	3,53	2,93	2,41	2,01	1,90	1,71	1,47	1,30
10 t			JIB (m)	12	16	20	25	31	36	42	48	50	54	60	65
				12	16	20	25	31	36	42	48	50	54	60	65
10 t	→ STD (m)	12,5	STD (t)	10,00	7,43	5,67	4,29	3,24	2,64	2,11	1,72	1,61	1,41	1,17	1,00
	→ L.I.S. (m)	13,0	L.I.S. (t)	10,00	7,85	6,00	4,55	3,45	2,82	2,26	1,85	1,74	1,53	1,28	1,10



			JIB (m)												
				12	16	20	25	31	36	42	48	50	54	60	
5 t	→ STD (m)	25,6	STD (t)	5,00	5,00	5,00	5,00	3,99	3,32	2,74	2,31	2,18	1,97	1,70	
	→ L.I.S. (m)	27,2	L.I.S. (t)	5,00	5,00	5,00	5,00	4,28	3,58	2,96	2,49	2,36	2,14	1,85	
10 t			JIB (m)	12	16	20	25	31	36	42	48	50	54	60	
				12	16	20	25	31	36	42	48	50	54	60	
10 t	→ STD (m)	14,2	STD (t)	10,00	8,73	6,69	5,10	3,89	3,20	2,59	2,13	2,01	1,78	1,50	
	→ L.I.S. (m)	15,1	L.I.S. (t)	10,00	9,31	7,16	5,47	4,18	3,45	2,80	2,32	2,19	1,95	1,65	



			JIB (m)											
				12	16	20	25	31	36	42	48	50	54	
5 t	→ STD (m)	26,9	STD (t)	5,00	5,00	5,00	5,00	4,22	3,52	2,91	2,45	2,33	2,10	
	→ L.I.S. (m)	28,7	L.I.S. (t)	5,00	5,00	5,00	5,00	4,57	3,83	3,17	2,68	2,54	2,30	
10 t			JIB (m)	12	16	20	25	31	36	42	48	50	54	
				12	16	20	25	31	36	42	48	50	54	
10 t	→ STD (m)	14,8	STD (t)	10,00	9,15	7,03	5,37	4,10	3,38	2,74	2,27	2,13	1,90	
	→ L.I.S. (m)	15,8	L.I.S. (t)	10,00	9,85	7,58	5,81	4,45	3,68	3,00	2,49	2,35	2,10	



			JIB (m)								
				12	16	20	25	31	36	42	50
5 t	→ STD (m)	28,4	STD (t)	5,00	5,00	5,00	5,00	4,50	3,77	3,12	2,50
	→ L.I.S. (m)	30,1	L.I.S. (t)	5,00	5,00	5,00	5,00	4,83	4,05	3,36	2,70
10 t			JIB (m)	12	16	20	25	31	36	42	50
				12	16	20	25	31	36	42	50
10 t	→ STD (m)	15,6	STD (t)	10,00	9,68	7,45	5,70	4,37	3,61	2,94	2,30
	→ L.I.S. (m)	16,5	L.I.S. (t)	10,00	10,00	7,96	6,11	4,70	3,89	3,18	2,50

L.I.S. = Load Increase System

All intermediate loads can be increased till a maximum of 10% if the crane is equipped with L.I.S.

Con il sistema L.I.S. tutte le portate intermedie possono essere aumentate fino ad un massimo del 10%

Toutes les charges intermédiaires peuvent être augmentées jusqu'à un maximum de 10% si la grue est équipée avec L.I.S.

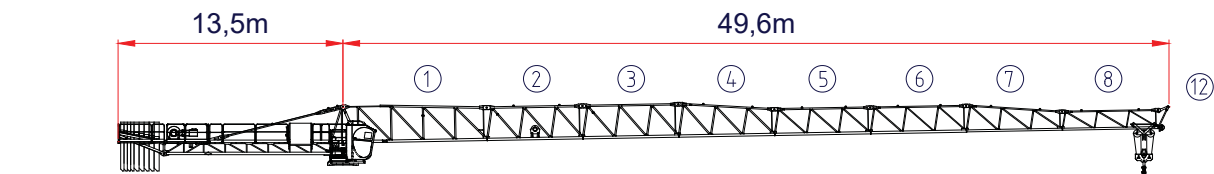
Alle zwischenlasten erhöht werden kann bis maximal 10%, wenn der kran mit L.I.S.

LOAD CHART

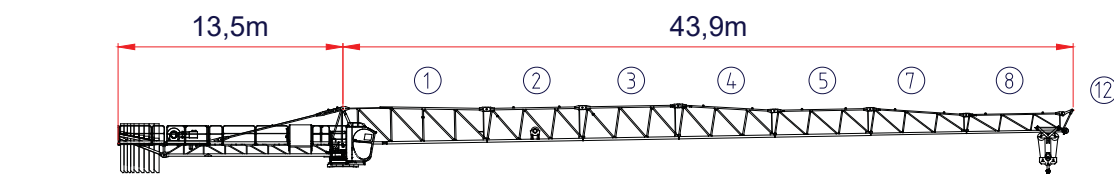
DIAGRAMMA DI PORTATA

DIAGRAMME DE CHARGE UTILE

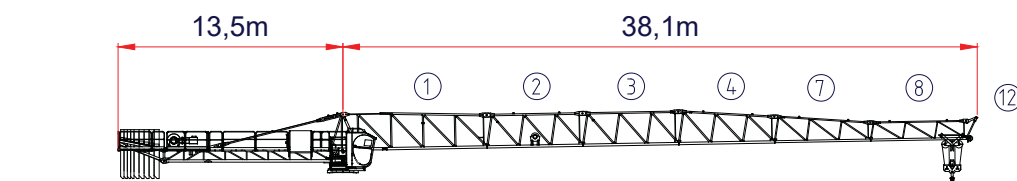
BELASTBERKEITSDIAGRAMM



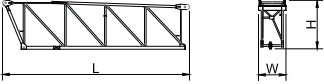
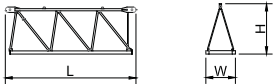
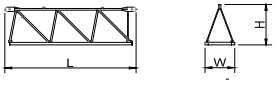
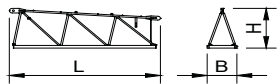
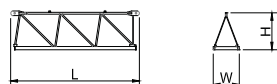
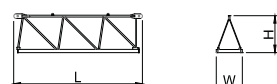
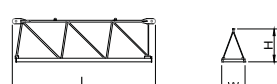
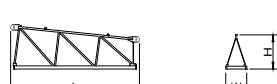
				JIB (m)								
					12	16	20	25	31	36	42	48
	5 t	→ STD (m)	28,9	STD (t)	5,00	5,00	5,00	5,00	4,61	3,85	3,19	2,70
		→ L.I.S. (m)	30,6	L.I.S. (t)	5,00	5,00	5,00	5,00	4,92	4,12	3,42	2,90
	10 t	→ STD (m)	15,8	STD (t)	10,00	9,87	7,60	5,82	4,47	3,69	3,01	2,50
		→ L.I.S. (m)	16,9	L.I.S. (t)	10,00	10,00	8,22	6,31	4,86	4,03	3,29	2,75

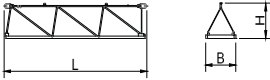
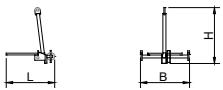
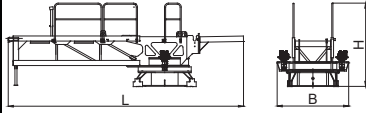
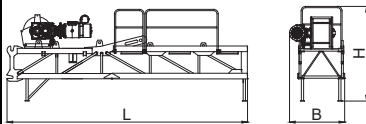
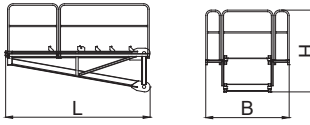
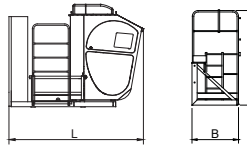
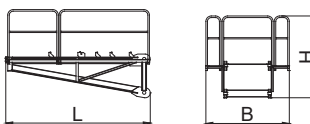
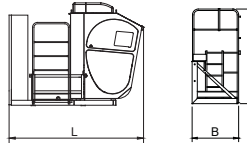


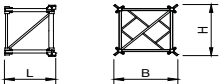
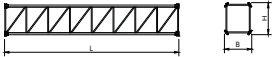
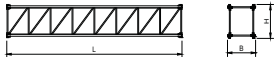
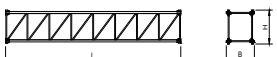
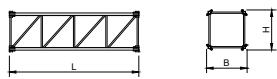
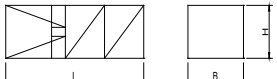
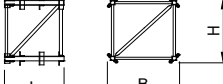
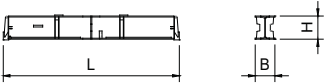
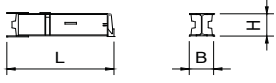
				JIB (m)							
					12	16	20	25	31	36	42
	5 t	→ STD (m)	29,7	STD (t)	5,00	5,00	5,00	5,00	4,75	3,98	3,30
		→ L.I.S. (m)	31,9	L.I.S. (t)	5,00	5,00	5,00	5,00	5,00	4,33	3,60
	10 t	→ STD (m)	16,2	STD (t)	10,00	10,00	7,80	5,98	4,59	3,80	3,10
		→ L.I.S. (m)	17,3	L.I.S. (t)	10,00	10,00	8,44	6,49	5,00	4,15	3,40

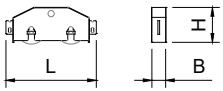
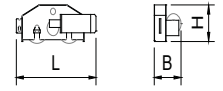
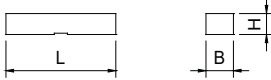
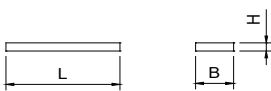
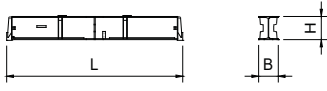
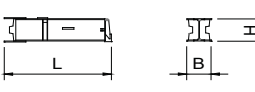
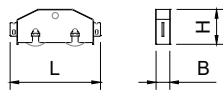
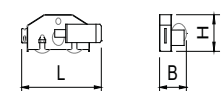
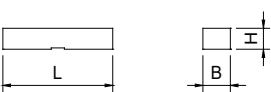
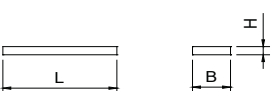
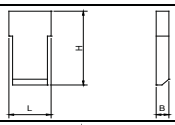
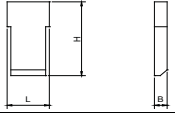


				JIB (m)						
					12	16	20	25	31	36
	5 t	→ STD (m)	31,1	STD (t)	5,00	5,00	5,00	5,00	5,00	4,20
		→ L.I.S. (m)	33,5	L.I.S. (t)	5,00	5,00	5,00	5,00	5,00	4,60
	10 t	→ STD (m)	16,8	STD (t)	10,00	10,00	8,17	6,27	4,83	4,00
		→ L.I.S. (m)	18,1	L.I.S. (t)	10,00	10,00	8,90	6,85	5,29	4,40

Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Jib/Braccio/Flèche/Ausleger			[m]	[m]	[m]	[t]
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 1		8,96	1,25	2,28	2,17
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 2		6,14	1,20	2,11	1,00
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 3		6,10	1,20	2,09	0,93
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 4		6,10	1,20	2,09	0,85
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 5		6,10	1,20	1,68	0,68
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 5A		6,10	1,30	1,68	0,65
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 6		6,04	1,20	1,66	0,53
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 7		6,03	1,20	1,62	0,52
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 8		6,10	1,30	1,21	0,45
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 9		2,13	1,20	1,18	0,15
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 10		4,02	1,20	1,18	0,21

Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Jib/Braccio/Flèche/Ausleger			[m]	[m]	[m]	[t]
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 11		5,92	1,20	1,16	0,28
1	Tip Puntale Pointe de flèche Ausleger Kopfstück		0,77	1,20	1,31	0,07
Sectioned Counter-jib/Controfreccia Sezionata Contre-flèche Sectionné /Geschnittene Gegenausleger			[m]	[m]	[m]	[t]
1	Counter-jib section / Elemento Controfreccia / Element de Contre-flèche / Gegenausleger-Zwischenstück / 1		5,48	2,11	2,50	7,13
1	Counter-jib section / Elemento Controfreccia / Element de Contre-flèche / Gegenausleger-Zwischenstück / 2		6,36	1,50	2,50	4,22
1	Counter-jib section / Elemento Controfreccia / Element de Contre-flèche / Gegenausleger-Zwischenstück / 3		3,09	1,80	1,90	0,83
1	Access Balcony, Cabin Ballatoio e Cabina Porte Cabine Wartung Plattform		3,45	1,62	2,30	0,80
Counter-jib/Controfreccia Contre-flèche / Gegenausleger			[m]	[m]	[m]	[t]
1	Counter-jib section / Elemento Controfreccia / Element de Contre-flèche / Gegenausleger-Zwischenstück /		11,84	2,11	2,50	10,89
1	Counter-jib section / Elemento Controfreccia / Element de Contre-flèche / Gegenausleger-Zwischenstück / 3		3,09	1,80	1,90	0,83
1	Access Balcony, Cabin Ballatoio e Cabina Porte Cabine Wartung Plattform		3,45	1,62	2,30	0,80

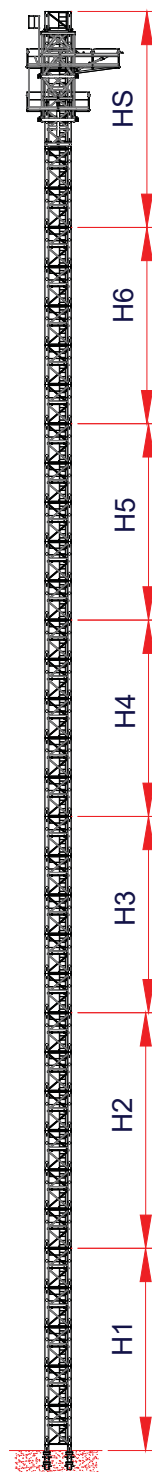
Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Tower /Torre/Mât/Turm			[m]	[m]	[m]	[t]
1	Jacking Element Telaio di Spinta Élément de levage Hubelement		1,55	1,95	1,95	0,77
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 170HC.1180		11,80	1,85	1,85	3,49
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 170HCB.1180		11,80	1,89	1,89	4,50
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 170HCSB.1180		11,80	1,89	1,89	5,30
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 170HC.0590		5,90	1,85	1,85	1,83
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 170HC.0295		2,95	1,85	1,85	1,03
1	Climbing Cage Gabbia di Montaggio Cage de montage Hydraulikbühne (Transportation)		7,16 (7,16)	2,30 (2,30)	2,39 (0,90)	4,20 (4,20)
1	Expendable Foundation Element Tronchetto di Fondazione Elément a Sceller Fundamentanker		1,52	1,85	1,85	0,64
1	Expendable Foundation Element Tronchetto di Fondazione Elément a Sceller Fundamentanker BOOSTER / SUPER BOOSTER		1,52	1,89	1,89	1,20
Base / Base/ Base / Bases 4,5x4,5 1,70HC			[m]	[m]	[m]	[t]
1	Base main beam Trave principale della crociera di base Poutre de chasis de base Hauptträger für Kreuzgelenk		6,53	0,71	0,76	2,56
2	Half Base Beam Semitrave della Crociera di Base Semipoutre de chasis de base Halbträger für Kreuzgelenk		3,20	0,59	0,77	1,28

Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Base / Base/ Base / Bases 4,5x4,5 1,70HC			[m]	[m]	[m]	[t]
2	Driven Bogie Bilancino di Traslazione Folle Boggie Fou Fahrschemel ohne Motorantrieb		1,32	0,22	0,54	0,60
2	Driven Bogie Bilancino di Traslazione Motorizzato Boggie Motorisée Fahrschemel mit Motorantrieb		1,43	0,49	0,54	0,76
4	Concrete pad Blocco di appoggio Sabot en béton Betonfuss		3,60	0,90	0,75	5,52
18	Base Ballast Zavorra di Base Lest de Base Gründballast 3809		3,60	1,20	0,30	3,81
Base / Base/ Base / Bases 6x6 1,70HC			[m]	[m]	[m]	[t]
1	Base main beam Trave principale della crociera di base Poutre de chasis de base Hauptträger für Kreuzgelenk		8,64	0,78	1,07	4,75
2	Half Base Beam Semitrave della Crociera di Base Semipoutre de chasis de base Halbträger für Kreuzgelenk		4,32	0,68	1,07	2,37
2	Driven Bogie Bilancino di Traslazione Folle Boggie Fou Fahrschemel ohne Motorantrieb		1,32	0,22	0,54	0,60
2	Driven Bogie Bilancino di Traslazione Motorizzato Boggie Motorisée Fahrschemel mit Motorantrieb		1,43	0,49	0,54	0,76
4	Concrete pad Blocco di appoggio Sabot en béton Betonfuss		3,60	0,90	0,75	5,52
26	Base Ballast Zavorra di Base Lest de Base Gründballast 3809		3,60	1,20	0,30	3,81
Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche/Gegenausleger Ballast			[m]	[m]	[m]	[t]
5	Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche / Gegenausleger Ballast A2107		1,26	0,31	2,80	2,11
4	Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche / Gegenausleger Ballast B1590		1,26	0,23	2,80	1,59

EXTERNAL CLIMBING
A SOPRALZO IDRAULICO
TELESCOPABLE
KLETTERKRANE

TLS11170	
(m)	
H1 *	50,4
H2	20,7
H3	20,7
H4	20,7
H5	20,7
H6	20,7
HS	29,5
H.U.H	184,7

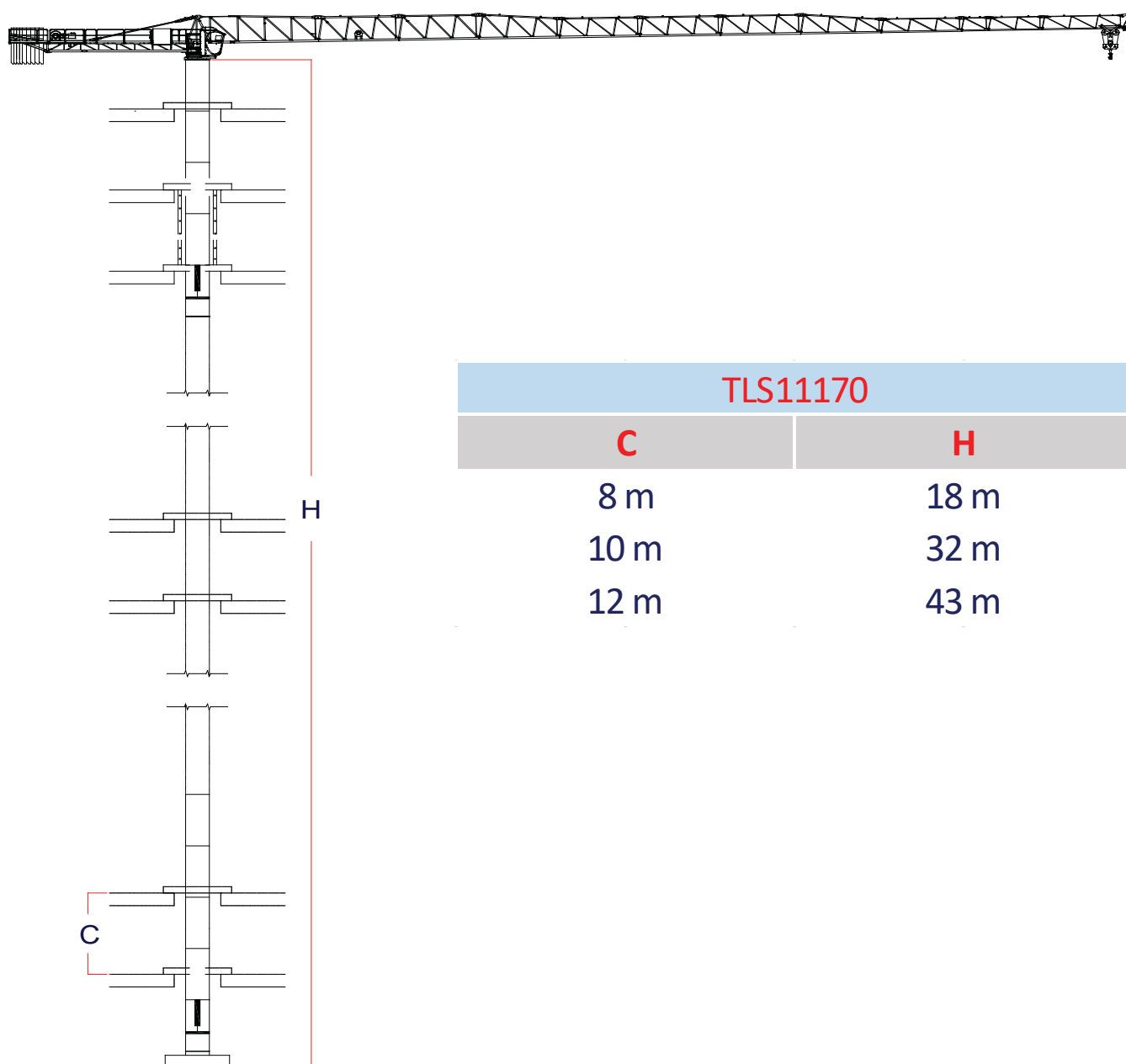
* With Super Booster Element
Con Elemento Super Booster
Avec Super Booster Element
Mit Super Booster Turmstück



Other Configuration Available
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Autres configurations Disponibles
Andere Konfigurationen Verfügbar

OTHER INSTALLATION
ALTRE INSTALLAZIONI
AUTRES INSTALLATIONS
SONSTIGE ANLAGEN

INTERNAL CLIMBING
RAMPANTE
TELESCOPABLE SUR DALLES
KLETTERKRANE IN GEBAUDE



TLS11170	
C	H
8 m	18 m
10 m	32 m
12 m	43 m

*Other Configuration Available
Altre Configurazioni Disponibili
Autres configurations Disponibles
Andere Konfigurationen Verfügbar*

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