



**SPIERINGS
KRANEN**

Make: SPIERINGS

Type: SK377-AT3

Crane specification

Serial number:

Year of construction:

Crane group : 3 as per NEN 2018
Loadspectrum : 2 as per NEN 2018
Classification : A as per NEN 2018
Stability : as per NEN 2022

Max. load

7,5 tonne

Max. radius
with max. load

10,4 m

Max. capacity

78 tm

Max. jib lenght

33 m

Speeds

Jib horizontal/ jib 30° luffed

	m/min	kg
	18	7500
	27	3750
	36	1875
	60	0

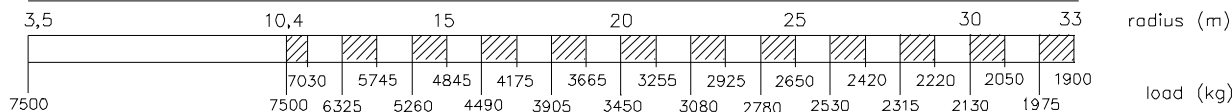
0 - 70 m/min

0 -1 rpm

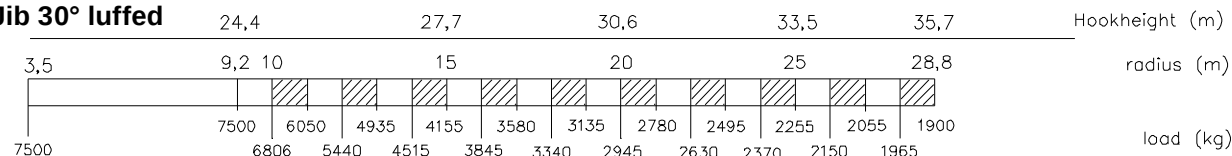
LIFTING CHART Outrigger spread 6,90 m x 6,40 m

Jib horizontal

Hookheight 20 m (height under jib 21,9 m)



Jib 30° luffed



All motions with hydraulic proportional controls

Luffing the jib 30° can be controlled from crane cab or via remote control

Driving with erected tower and jib, only with the jib horizontal and positioned over the front carriage, platform locked to the carrier and the outriggers fully extended (max. inclination 2°)

Rated lifting capacity is net capacity

Crane equipped with full counterweight: 6900kg

360° continuous slewing, with outriggers out and down

2 Outriggers positions: according to lifting chart

Operation allowed up to a windforce of 8 on the Beaufortscale. (wind speed 20 m/sec.)

Sail area of the load max. 1,0 m²/ tonne at a windforce of 8 on the Beaufortscale.

Operating temperature range from -15° to 40° C.

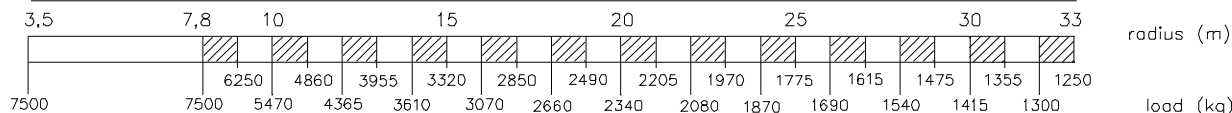
Max. line pull force 3750 kg; In all cases 2 parts of line

The crane should be folded in at a windforce of 9 Bf (21m/sec) or when not in use for a longer period

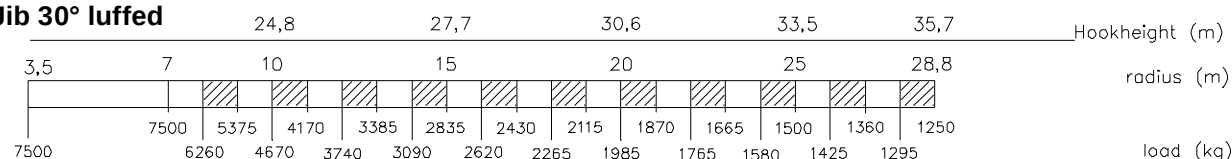
LIFTING CHART Outrigger spread 6,90 m x 4,80 m

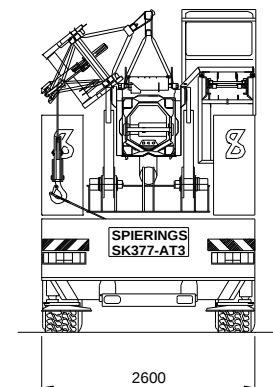
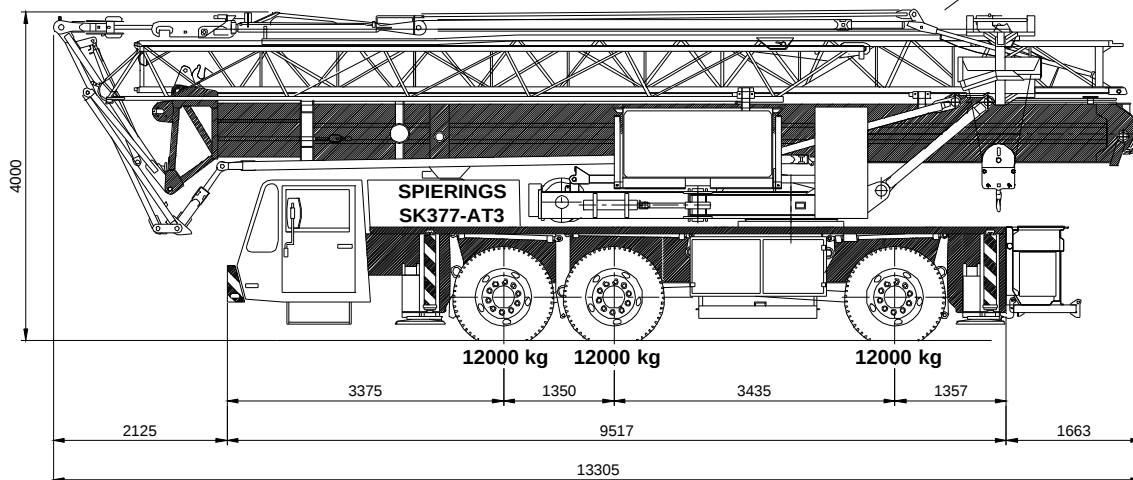
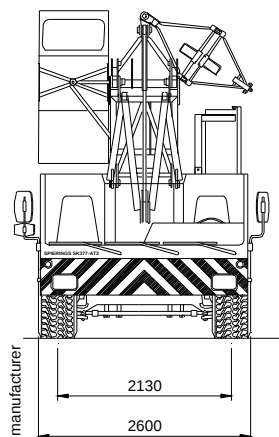
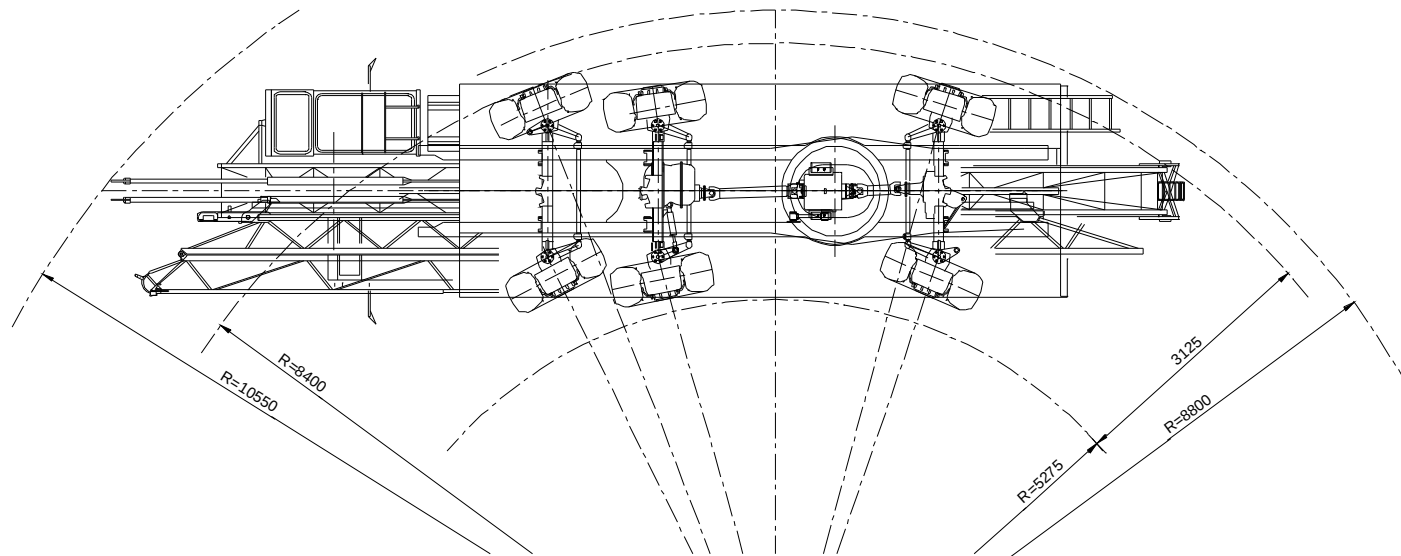
Jib horizontal

Hookheight 20 m (height under jib 21,9 m)



Jib 30° luffed





Changes reserved by manufacturer

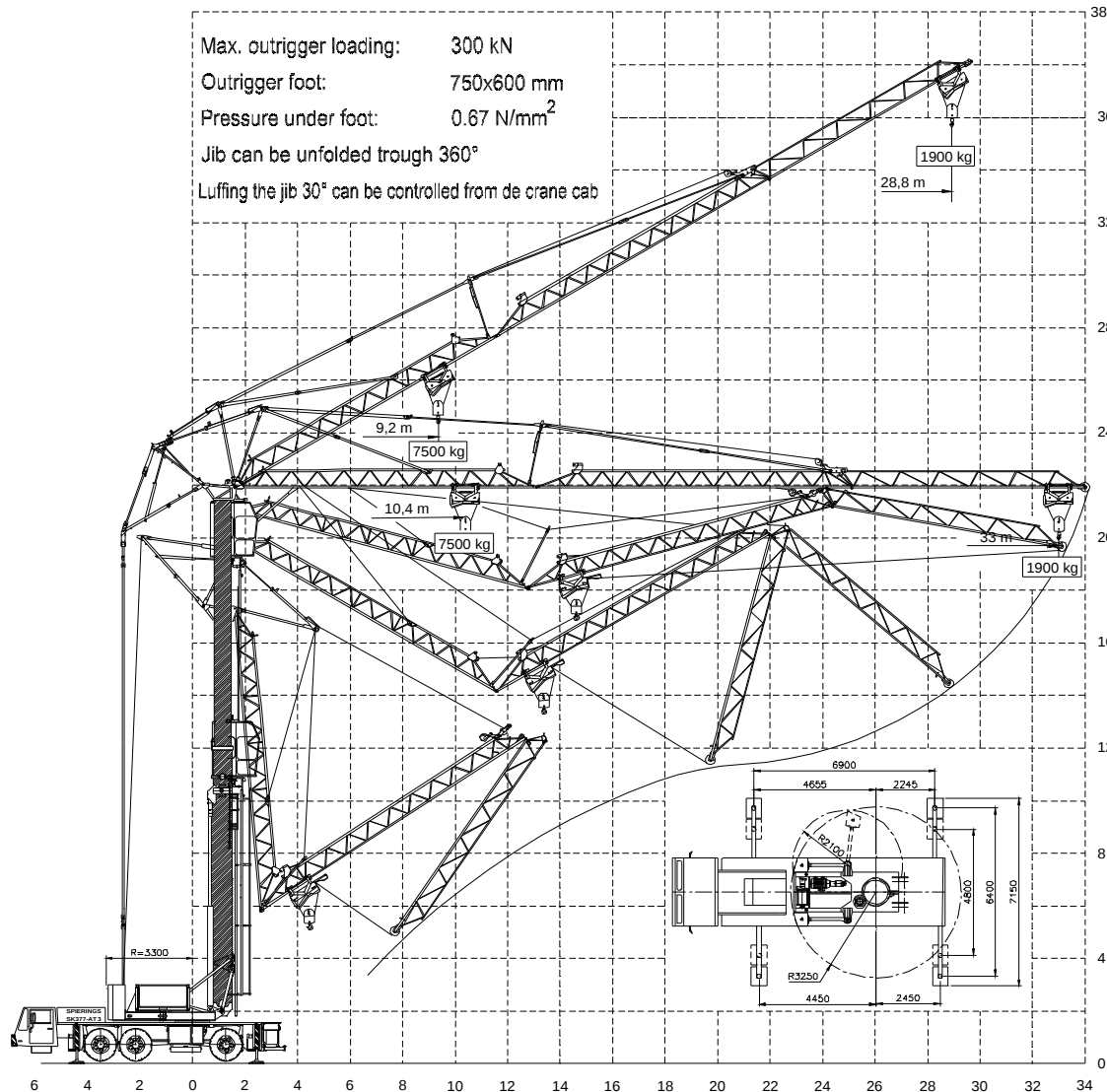
Total weight 36000 kg

SPIERINGS HYDRAULIC FOLDING CRANE SK377-AT3



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Max. outrigger loading: 300 kN
 Outrigger foot: 750x600 mm
 Pressure under foot: 0.67 N/mm²
 Jib can be unfolded trough 360°
 Luffing the jib 30° can be controlled from de crane cab



SPIERINGS

HYDRAULIC FOLDING CRANE

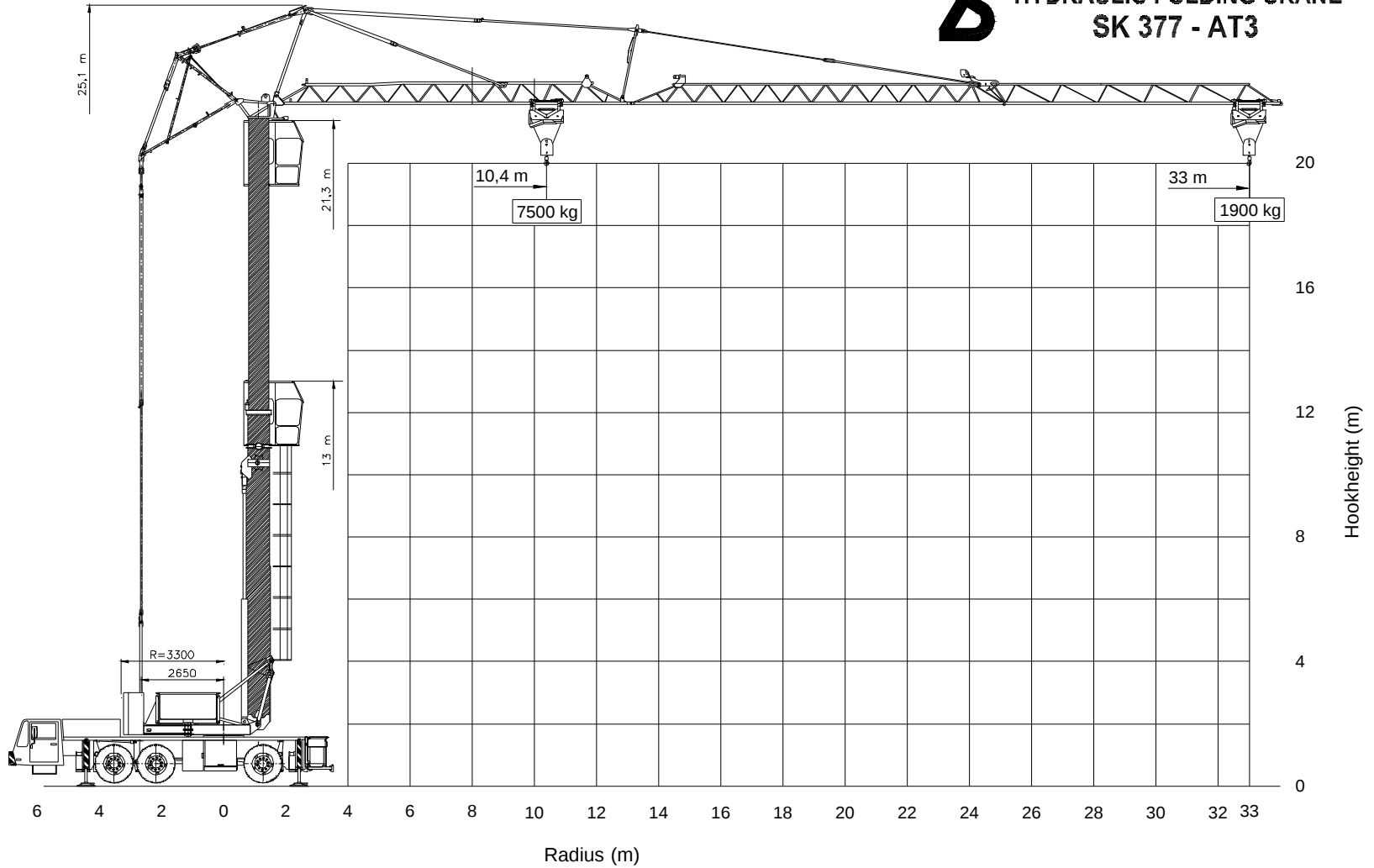
SK 377 - AT3

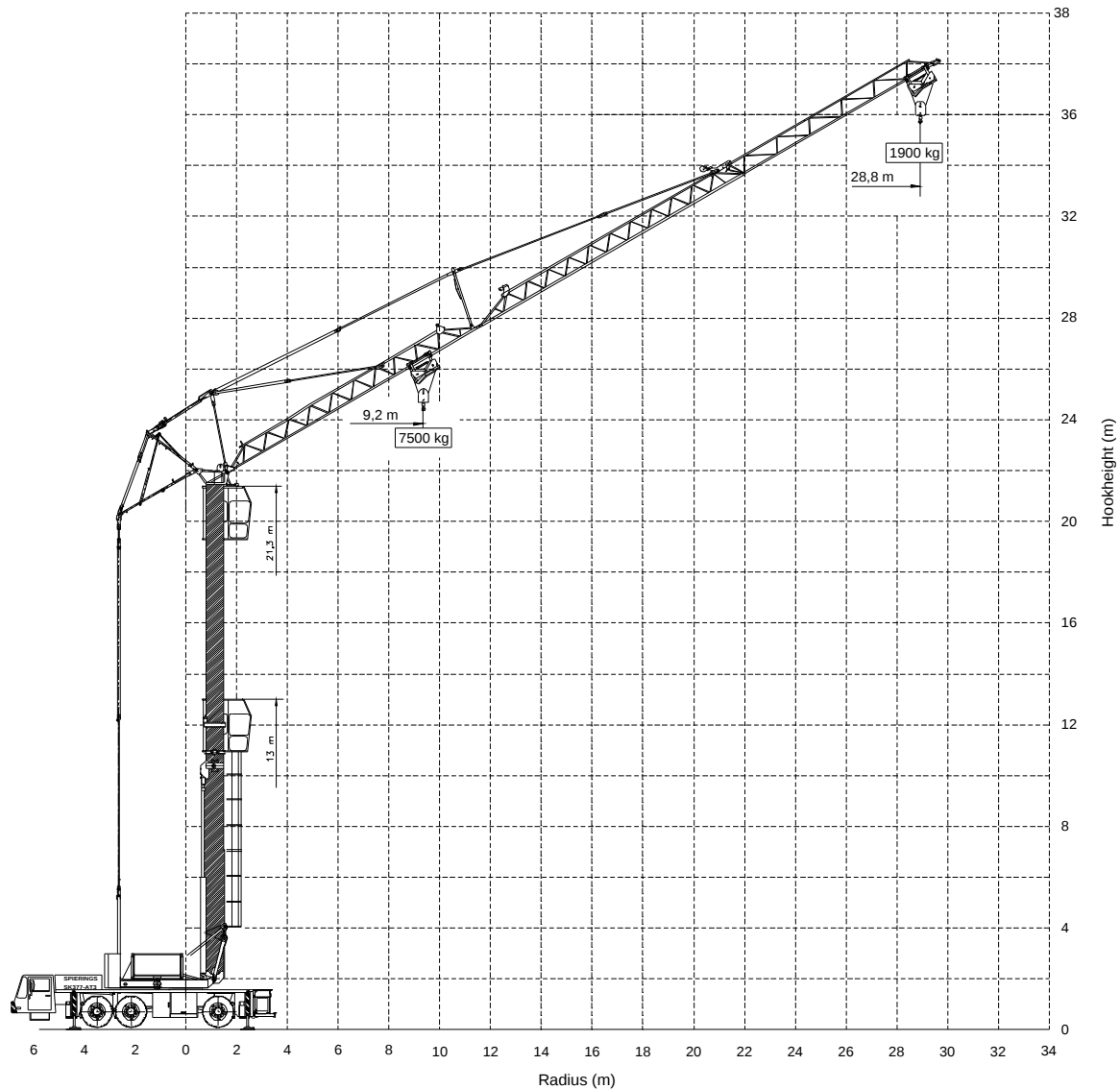


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SK 377 - AT3

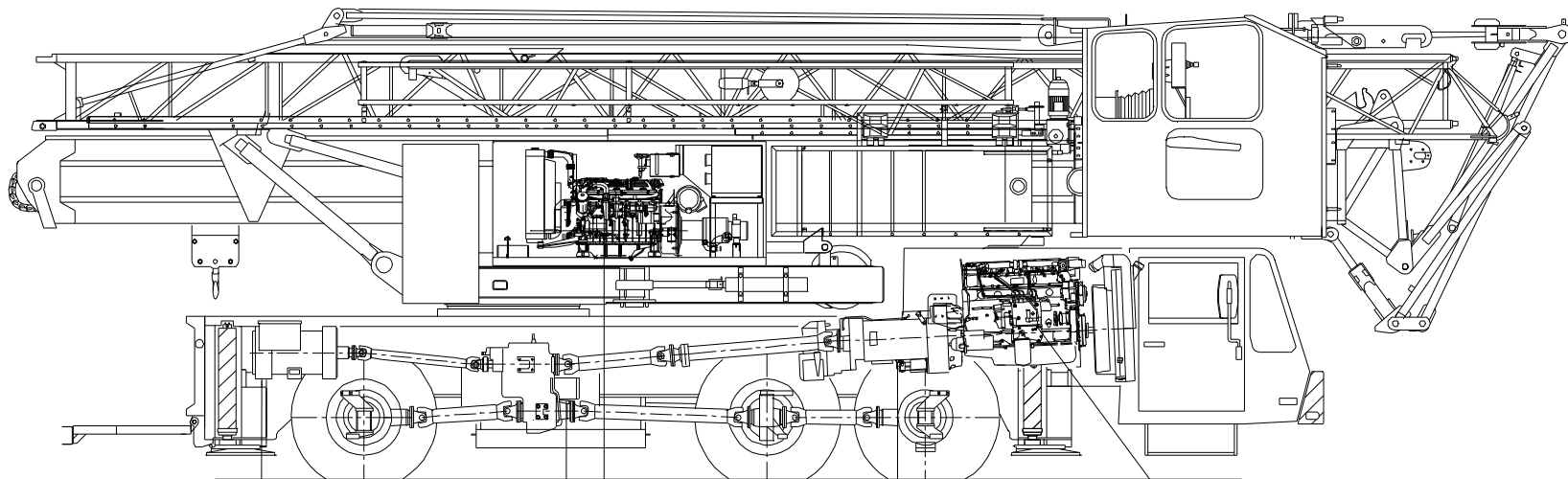




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Axle 3

Transferbox:
STEYR VG1600/396 with PTO
Road gear: $i=0,89$
Off road gear: $i=1,54$

Generator:
LSA 43.2 L7 - 70kVA

Axle 2

Option:
Crane diesel engine
DETROIT VM D706 IE2
Power: 96 kW (2600 tpm)
Torque: 480 Nm (1300 tpm)

Axle 1

Gearbox:
ZF 16S151
Manually operated with
air power assistance
+ dry plate clutch

Carrier diesel engine:
Euro III
DAF PE 265C (9,6 ltr)
Power: 265 kW (2080 tpm)
Torque: 1450 Nm (1500 tpm)

Axle 1 : steer drive axle ($i=7,58$)

Axle 2 : axle, (not steering, not driven)

Axle 3 : steer drive axle ($i=7,58$)

Suspension: hydro-pneumatic on all axles; stroke cyl. : 247 mm

Tyres : 445/75 R22,5

Max. speed carrier 85 km/uur

Min. speed carrier (engine at 1000 rpm) 1,8 km/uur

Overall weight 36000 kg

Drive train Spierings Folding Crane SK377-AT3

Changes subject to modifications



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