



BRYN THOMAS CRANES

Lifting Capacity: **117tm**

Crane Model: Spierings SK599-AT5 – 50 Metre



DEPOT LISTINGS ON REVERSE

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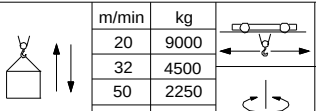
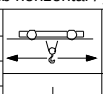
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Make: **SPIERINGS** Type: **SK599-AT5**

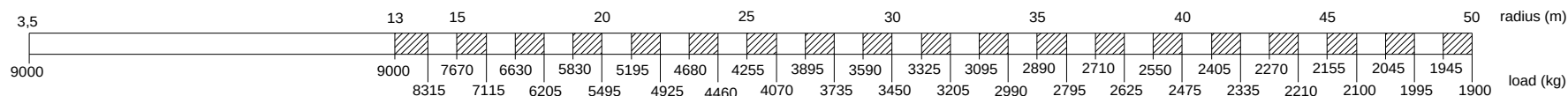
Crane specification

Serial number <div></div>		Crane group : A3 as per FEM 1.001		Max. load	Max.radius with max. load	Max. capacity	Max. jib length
Year of construction <div></div>		Loadspectrum : Q1 as per FEM 1.001					
		Classification : U4 as per FEM 1.001		9,0 tonne	13 m	117 tm	50 m
		Stability : as per FEM 1.001					
Speeds Jib horizontal / jib 30° luffed				All motions with hydraulic proportional controls Luffing the jib 30° can be controlled from crane cab or via remote control The crane should be folded in at a wind force of 9 on the Beaufort scale (wind speed 21 m/min) or when not in use for a longer period	Crane equipped with full counterweight: 11300 kg 360° continuous slewing : with outriggers out and down Operating temperature : range from -15° to 40° C.	Rated lifting capacity is net capacity In all cases 2 parts of line Max. line pull force : 4500 kg Sail area of the load : max. 1,0 m ² / tonne Max. outrigger loading: 440 kN	Outrigger position : 7,50 x 7,66 m Operation allowed up to a wind force of 7 on the Beaufort scale (wind speed 14 m/sec) Outrigger position : 7,50 x 5,72 m Operation allowed up to a wind force of 7 on the Beaufort scale (wind speed 14 m/sec)
	m/min	kg					
	20	9000					
	32	4500					
	50	2250					
	75	0		0 - 0,9 rpm			

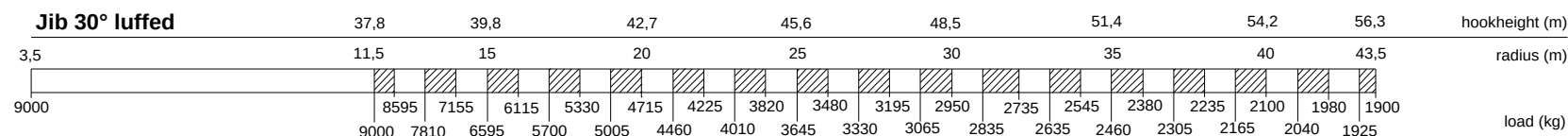
Lifting chart Outrigger spread 7,50 m x 7,66 m

Jib horizontal

Hookheight 23,8 / 32,6 m (height under jib 25,8 / 34,6 m)



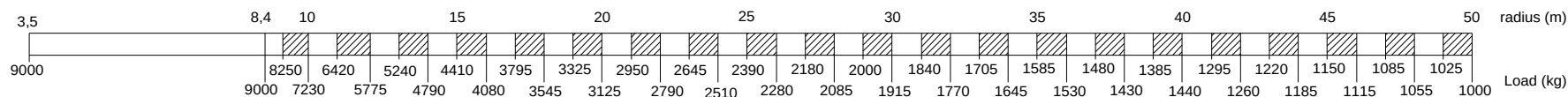
Jib 30° luffed



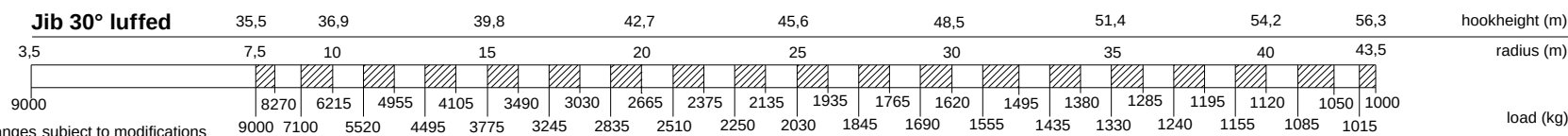
Lifting chart Outrigger spread 7,50 m x 5,72 m

Jib horizontal

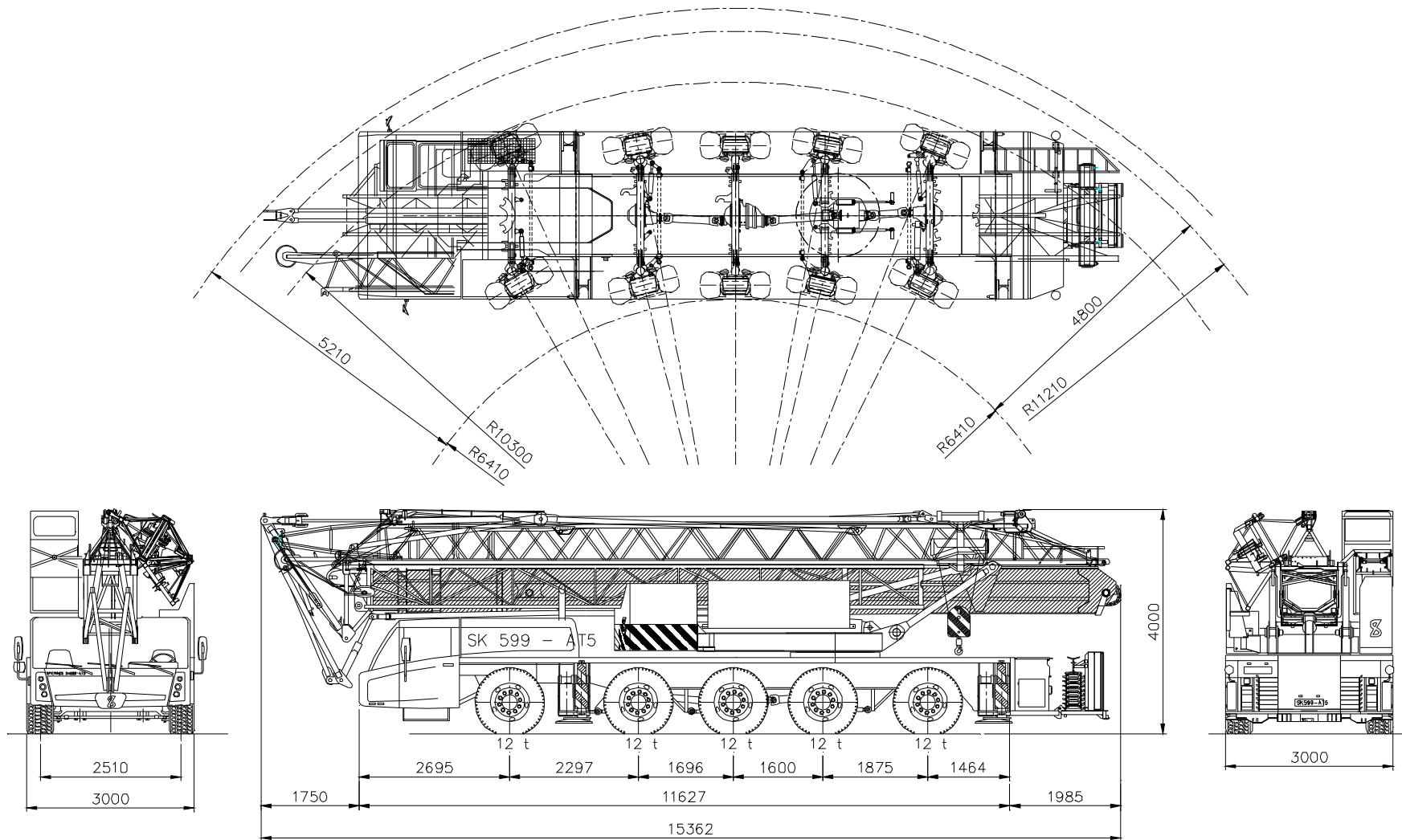
Hookheight 23,8 / 32,6 m (height under jib 25,8 / 34,6 m)



Jib 30° luffed



changes subject to modifications

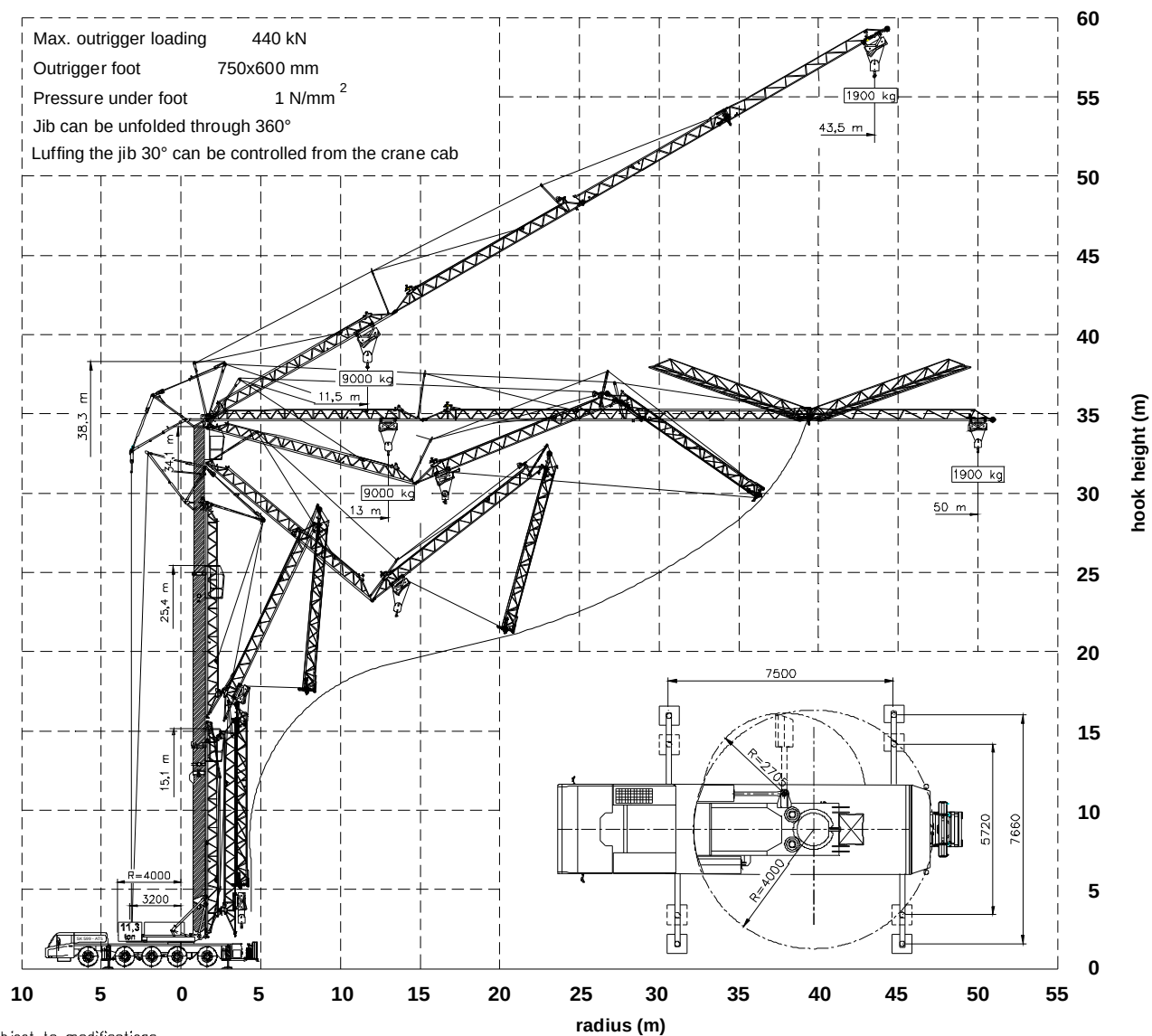


Total weight: 60000 kg
changes subject to modifications

Spierings Hydraulic Folding Crane SK 599 - AT5

**SPIERINGS
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Merwedestraat 15
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Tel. +31 (0)412-626964
Fax +31 (0)412-645299

Max. outrigger loading 440 kN
 Outrigger foot 750x600 mm
 Pressure under foot 1 N/mm²
 Jib can be unfolded through 360°
 Luffing the jib 30° can be controlled from the crane cab



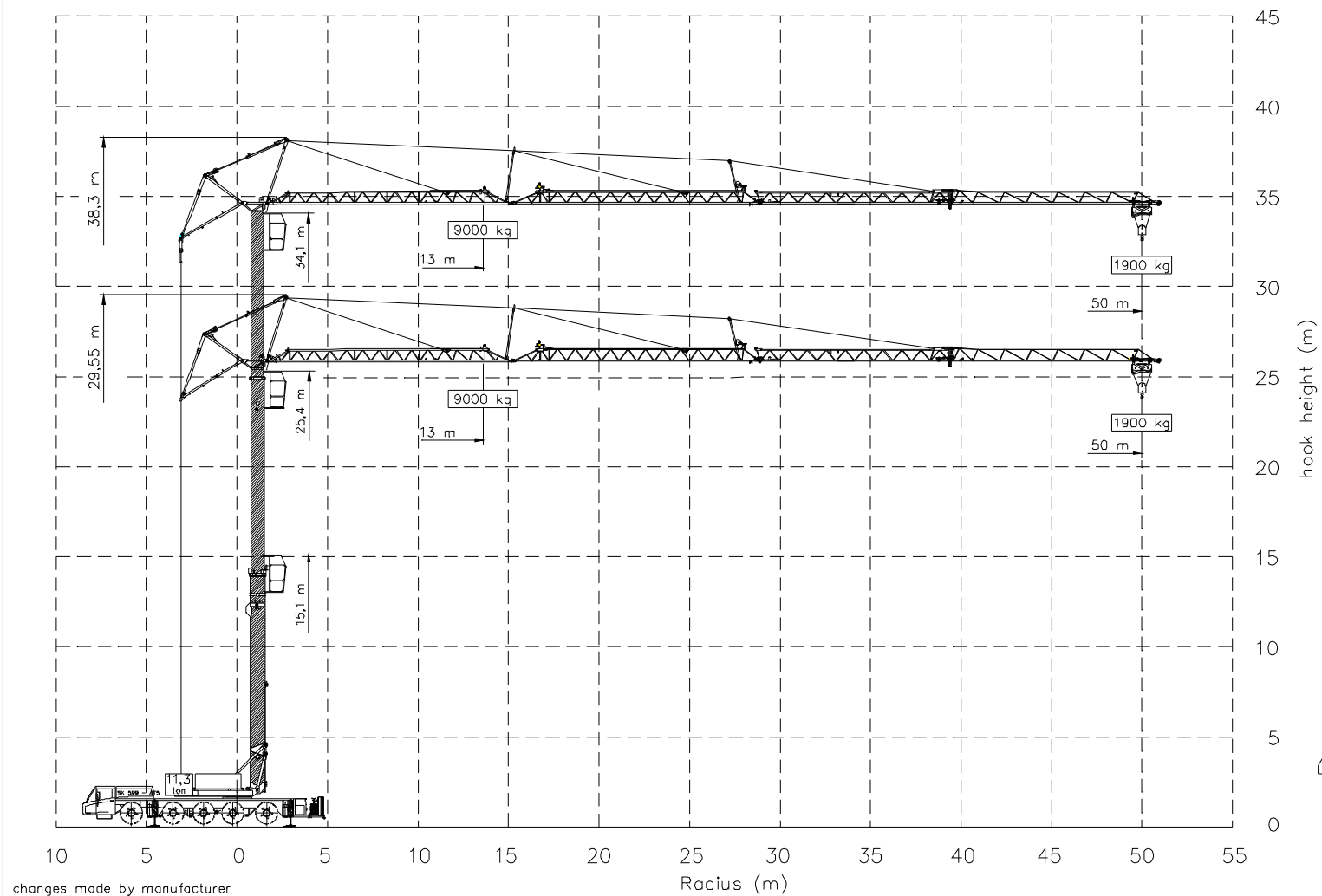
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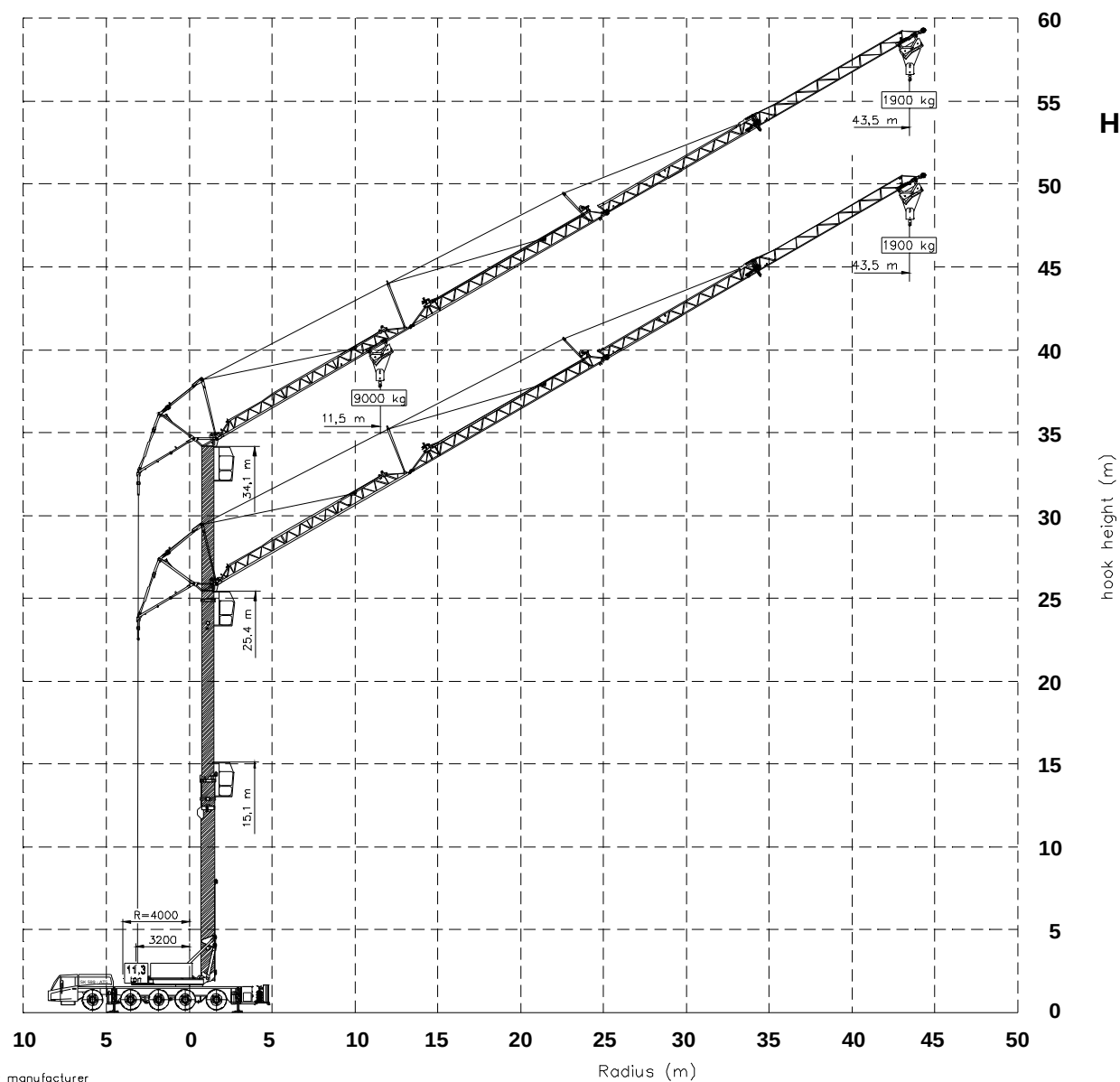
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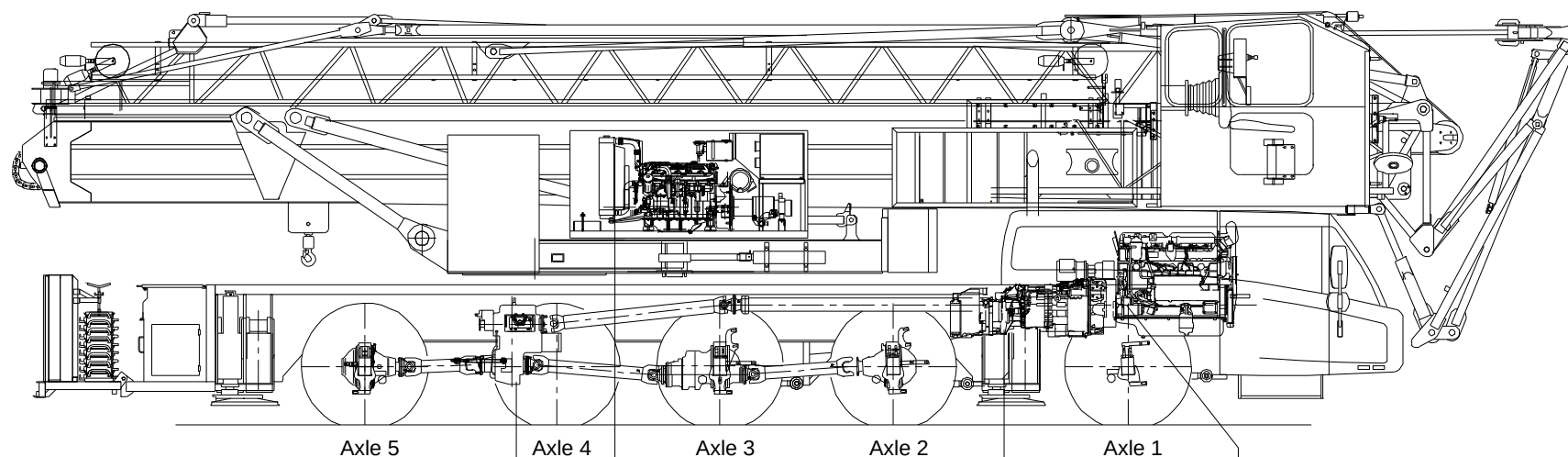
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SPIERINGS **HYDRAULIC FOLDING CRANE** **SK599-AT5**



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changes made by manufacturer



Transfer box:
STEYR VG2001/396
Road gear $i=0,89$
Off road gear $i=1,54$

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

Gearbox:
ZF 16AS2601
Automatic
Dry plate clutch
+ retarder

Carrier diesel engine:
DAF XE 390 C (EURO 3)
Power: 390 kW (1900 rpm)
Torque: 2300 Nm (1500 rpm)

Axle 1 : Steer axle
Axle 2 : Steer drive axle (end reduction $i=6,35$)
Axle 3 : Drive axle , non steered (end reduction $i=6,35$)
Axle 4 : Steer axle
Axle 5 : Steer drive axle (end reduction $i=6,35$)

Tyres : 445/75 R22,5
Suspension: hydro-pneumatic on all axles; stroke cyl. : 247 mm
Max. speed carrier : 85 km/h
Min. speed carrier (engine at 1000 rpm) : 1,6 km/h
Overall weight : 60.000 kg.

Drive train Spierings Folding Crane SK 599 - AT5

Changes subject to modifications



“Raising the Game in Safe Lifting”

Flint Depot: 01352 733984

Manchester Depot: 0161 777 8765

Durham Depot: 0191 460 0072



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- **MOBILE TOWER CRANE SERVICES**
- **CONTRACT LIFTING SERVICES**
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