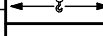
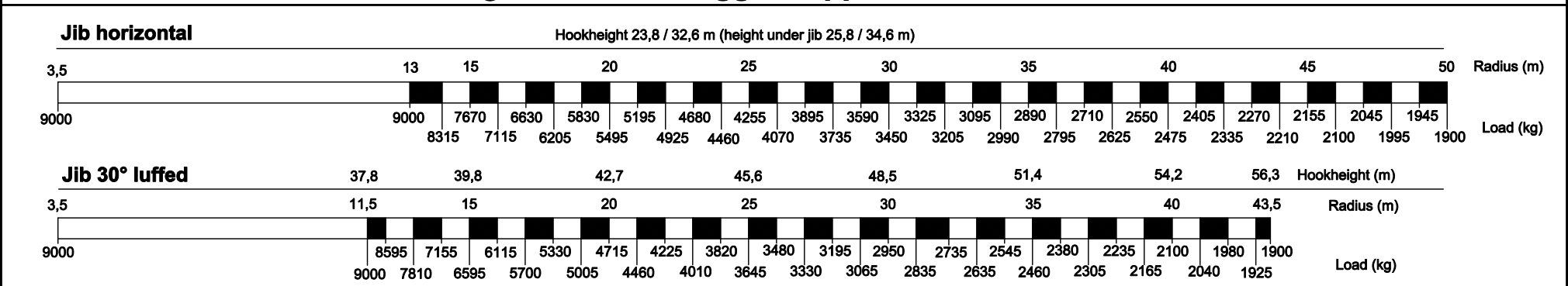


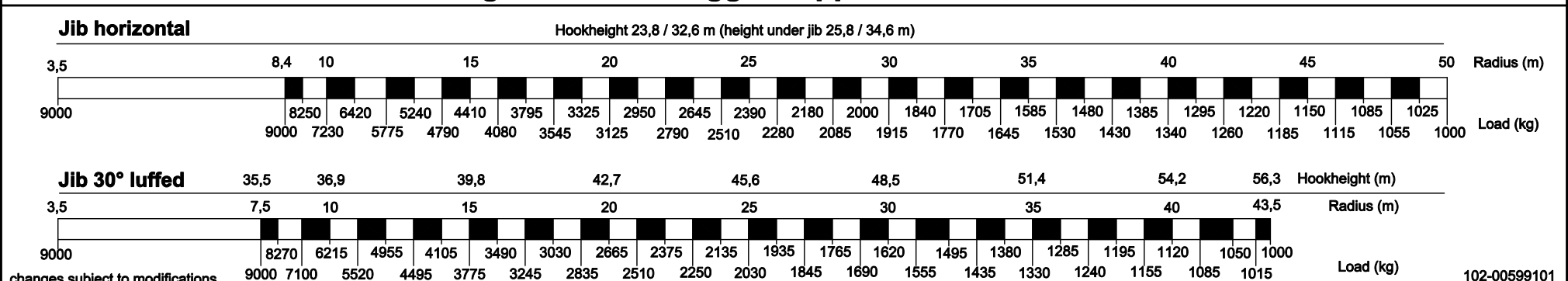
Crane specification

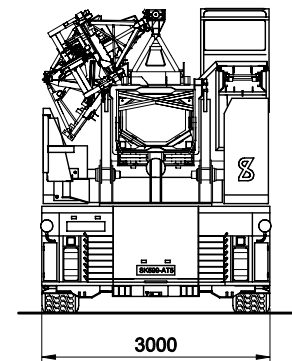
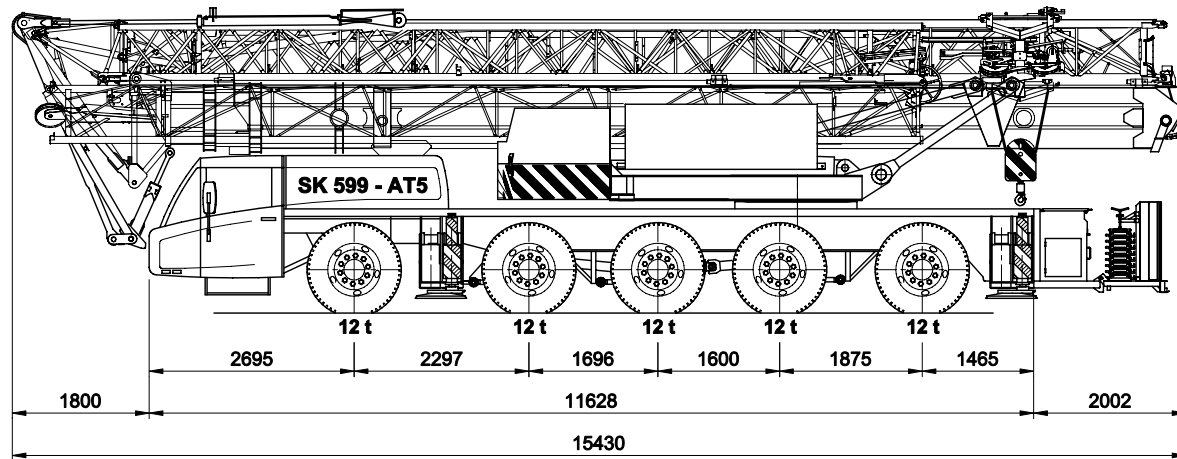
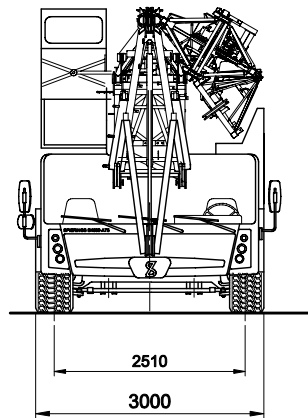
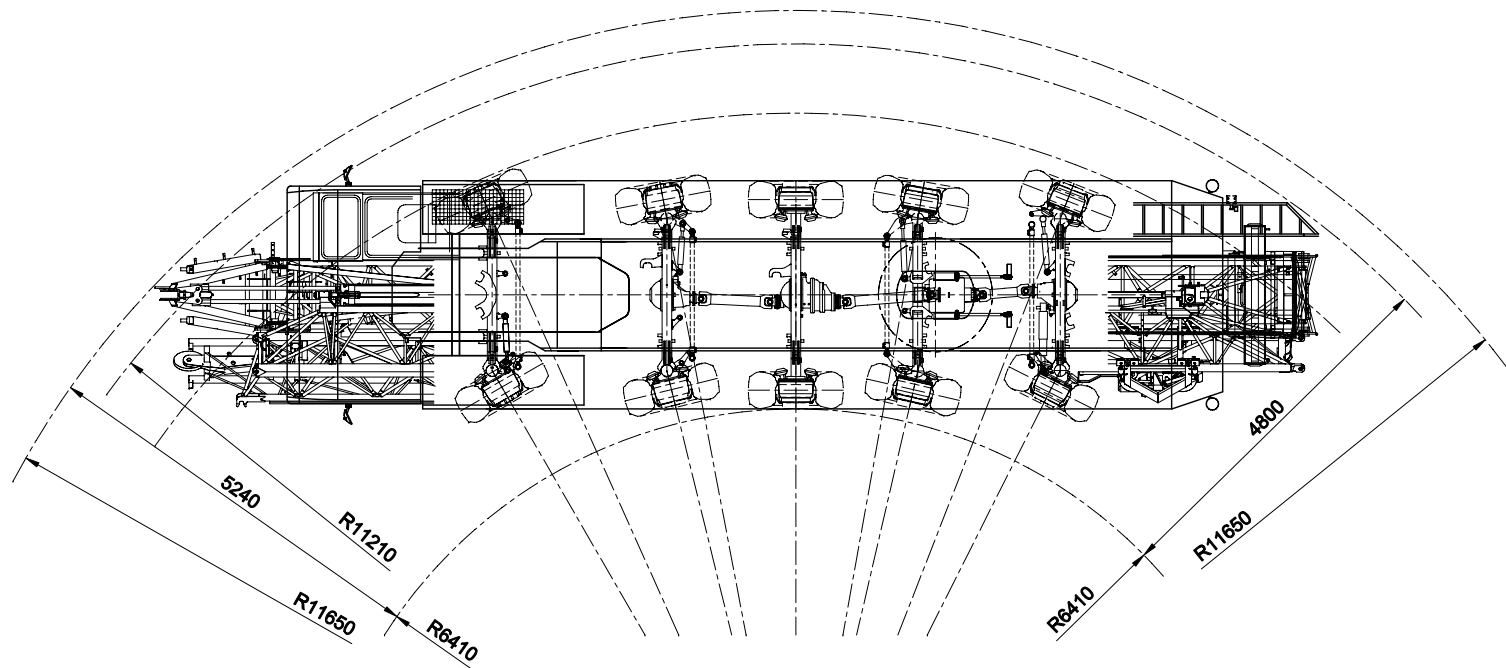
Serial number		Crane group : A3 as per FEM 1.001 Loadspectrum : Q1 as per FEM 1.001 Classification : U4 as per FEM 1.001 Stability : as per FEM 1.001		Max. load	Max.radius with max. load	Max. capacity	Max. jib length
Year of construction				9,0 tonne	13 m	117 tm	50 m
Speeds		Jib horizontal / jib 30° luffed		All motions with hydraulic proportional controls. Luffing the jib 30° can be controlled from crane cab or by remote control. The crane should be folded in at wind force 9 (Bf) (21 m/sec) or when not in use for a longer period.		Counterweight crane: 10380 kg. Continues slewing (360°) with outriggers out and support pads down. Crane can be driven in its erected position under special conditions (refer user guide).	
	m/min	kg		0 - 70 m/min		Rated lift capacity is net capacity. Always two parts of line. Max. line pull force: 4500 kg. Operating temperature range from: -15°C till + 40°C. Sail area of the load max.: 1,0 m²/ ton.	
	20	9000		0 - 0,9 rpm		Outrigger positioned according to lifting chart Outrigger support base : 7,50 m x 7,66 m. Operation allowed up to wind force 8 Bf (17 m/sec). Outrigger support base : 7,50 m x 5,72 m. Operation allowed up to wind force 8 Bf (17 m/sec). Max. outrigger force: 440kN.	
	32	4500					
	50	2250					
	75	0					

Lifting chart Outrigger support base 7,50 m x 7,66 m



Lifting chart Outrigger support base 7,50 m x 5,72 m





Spierings Hydraulic Folding Crane **SK 599 - AT5**

Total weight: 60000 kg
 changes subject to modifications

SPIERINGS
 MOBILE CRANES

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 Tel. +31 (0)412-626964
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102-00599102

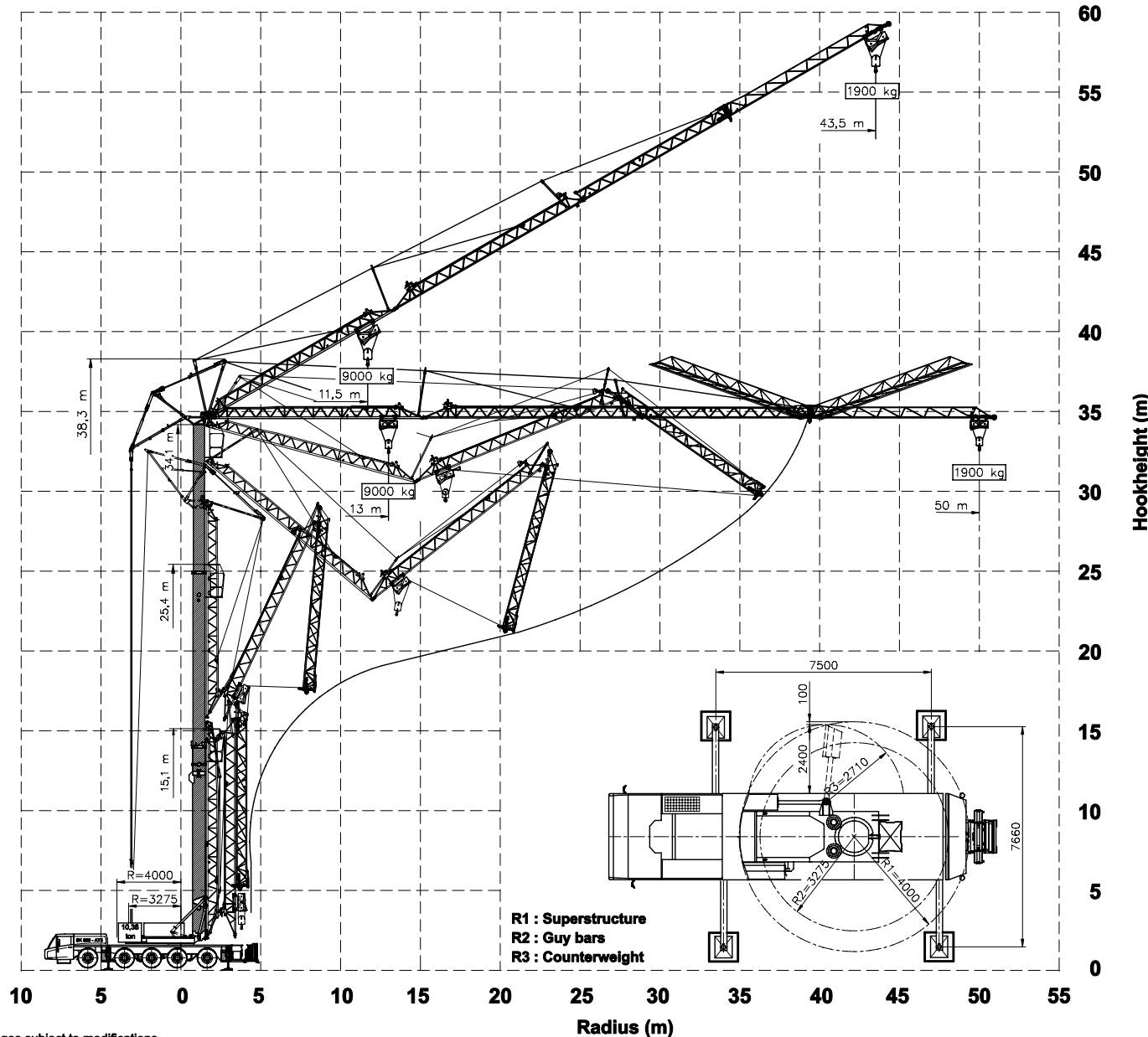
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HYDRAULIC FOLDING CRANE

SK599-AT5

Erection procedure of the crane

Max. outrigger force : 440 kN
 Outrigger support pads : 750x600 mm
 Ground pressure : 1,00 N/mm²
 Jib can be unfolded through 360°
 Luffing the jib 30° can be controlled from
 the crane cab or remote control
 Outrigger support plates : 1000x1000 mm
 surface : 1,00 m²
 Ground pressure : 0,44 N/mm²



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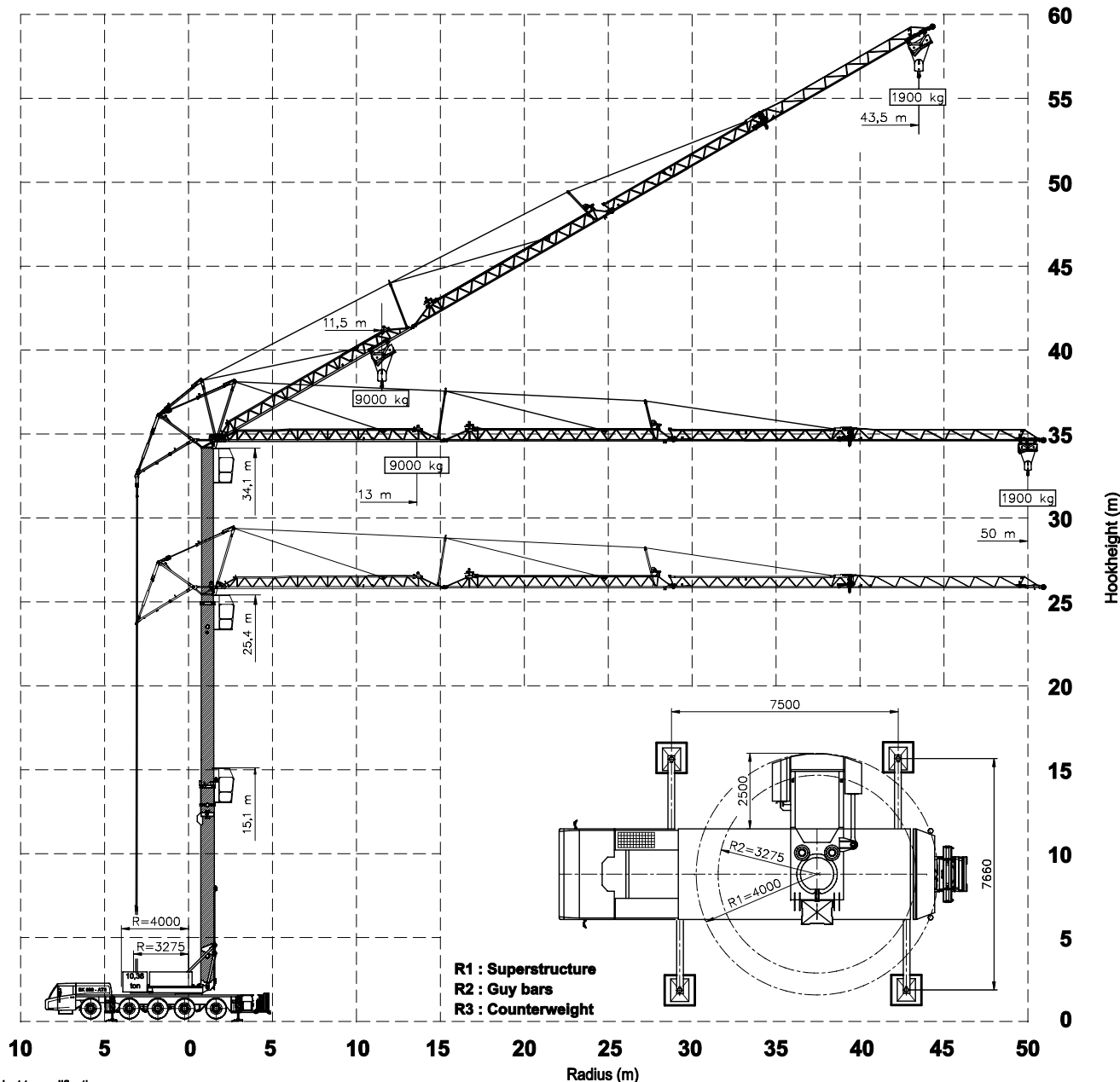
HYDRAULIC FOLDING CRANE

SK599-AT5

Hoisting Specifications

Outrigger support base

7,50 m x 7,66 m



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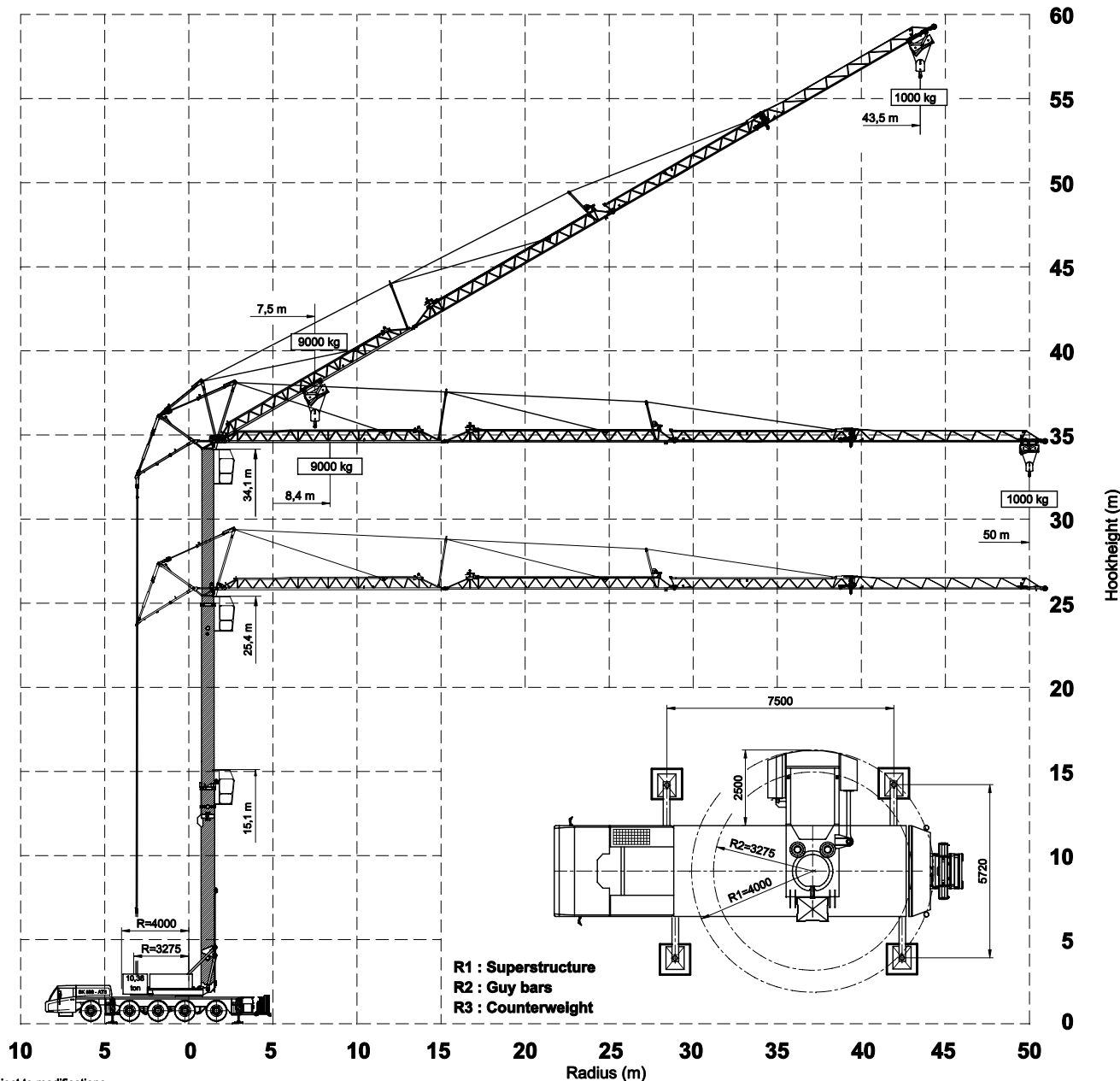
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HYDRAULIC FOLDING CRANE

SK599-AT5

Hoisting Specifications

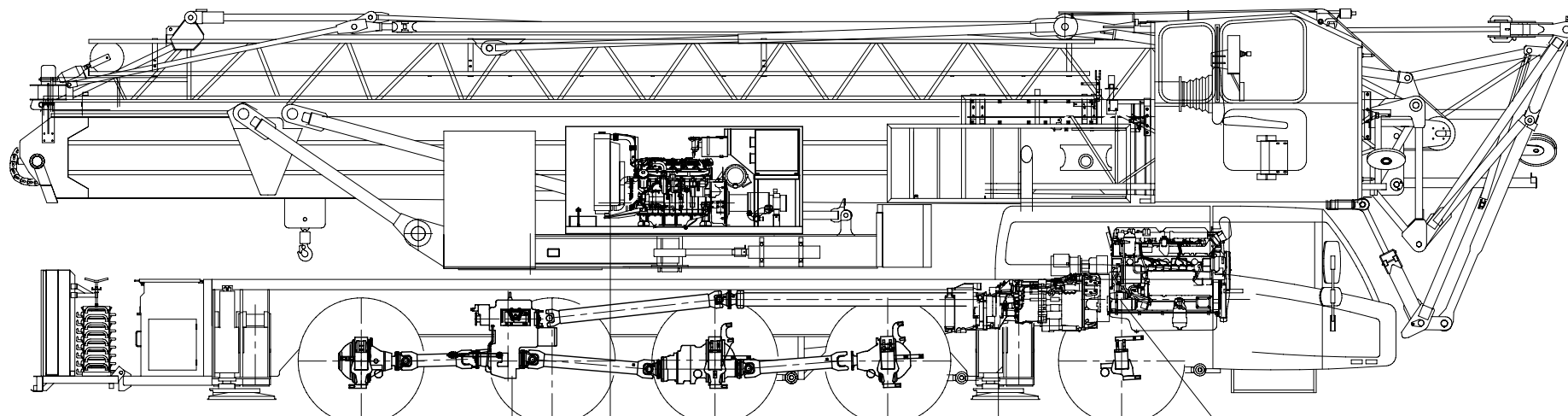
**Outrigger support base
7,50 m x 5,72 m**



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Transfer box:
STEYR VG2001/396

Road gear $i=0,89$
Off road gear $i=1,54$

Crane diesel engine:
John Deere 4045HF475
Power: 129 kW (2200 rpm)
Torque: 700 Nm (1400 rpm)

Gearbox:
ZF 16AS2601
Automatic
Dry plate clutch
+ retarder

Carrier diesel engine:
Euro IV
DAF: MX 375 (12,9 ltr)
Power: 375 kW (1900 rpm)
Torque: 2500 Nm (1000-1410 rpm)

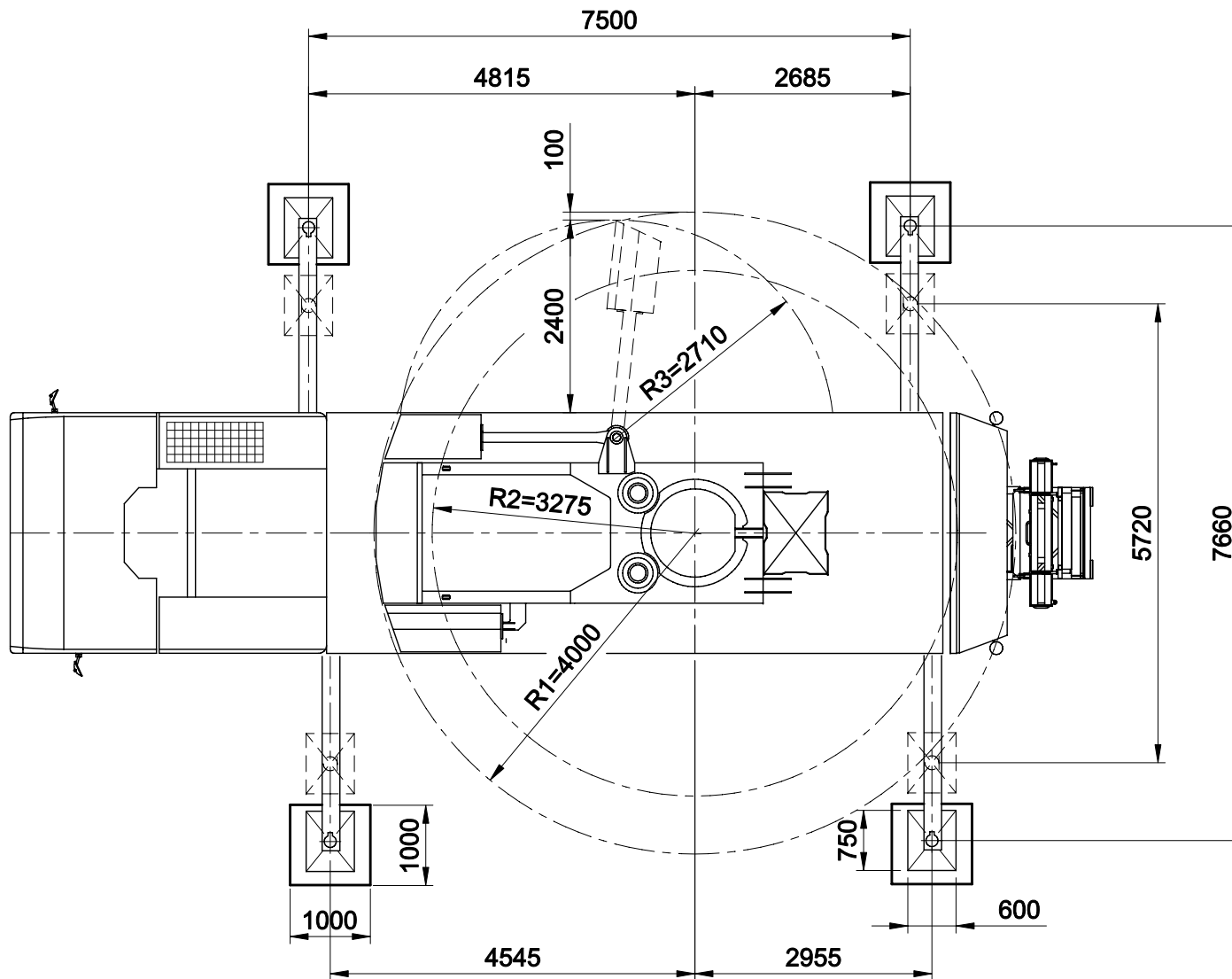
Axle 1 : Steer axle
Axle 2 : Steer drive axle (end reduction $i=7,29$)
Axle 3 : Drive axle , non steered (end reduction $i=7,29$)
Axle 4 : Steer axle
Axle 5 : Steer drive axle (end reduction $i=7,29$)

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

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R1 : Superstructure
 R2 : Guy bars
 R3 : Counterweight

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HYDRAULIC FOLDING CRANE

SK 599 - AT5

Outrigger support base

Max. outrigger force	440 kN
Outrigger support pads	750x600 mm
Ground pressure	1,00 N/mm ²
Outrigger support plates	1000x1000 mm
Surface	1,00 m ²
Ground pressure	0,44 N/mm ²

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