

Merwedestraat 15, Oss Holland

Operation allowed up to wind force 7 Bft (17 m/sec).
The crane should be folded in at wind force 8 Bft
(21 m/sec) or when not in use for a longer period.

Counterweight crane: 8102 kg.
Max. outrigger force: 360 kN.

Brand: **SPIERINGS**

Type: **SK597-AT4 eLift**



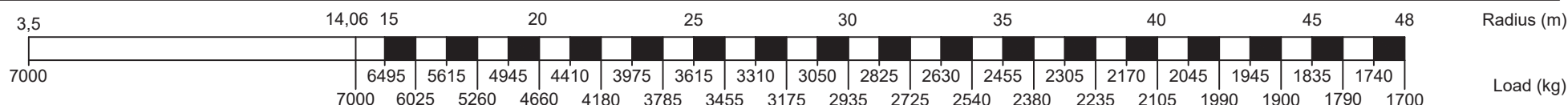
Serial number:

Year of construction:

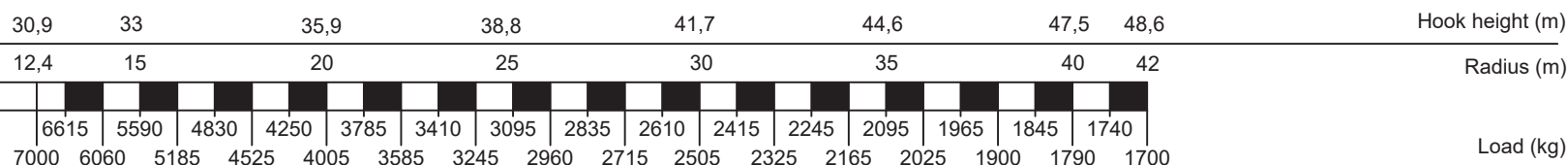
Lifting chart outrigger support base 6,925 m x 7,0 m

Jib horizontal

Height under the jib 26,9 / 29,7 m



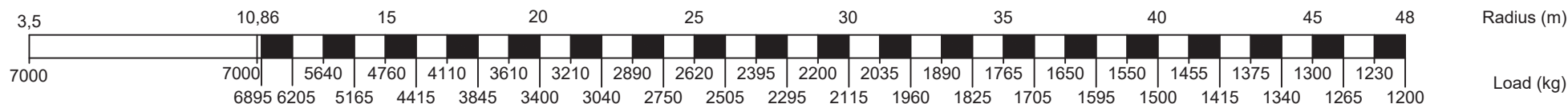
Jib 30° luffed



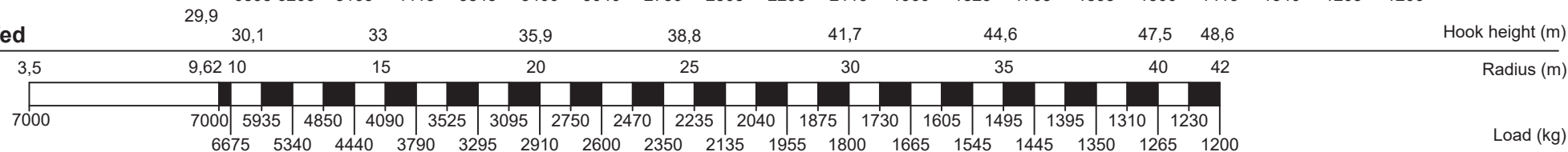
Lifting chart outrigger support base 6,925 m x 5,85 m

Jib horizontal

Height under the jib 26,9 / 29,7 m



Jib 30° luffed



Specifications subject to modifications

TC: 10072919-A

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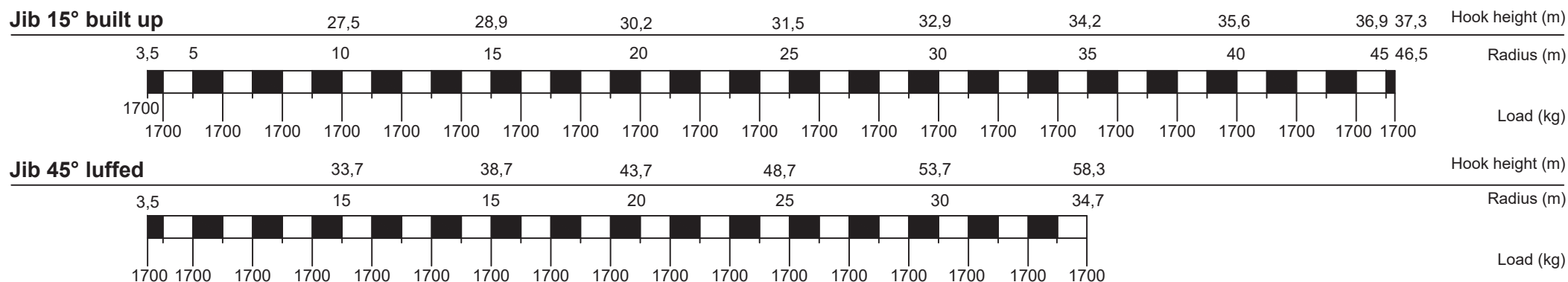
Type: **SK597-AT4 eLift**



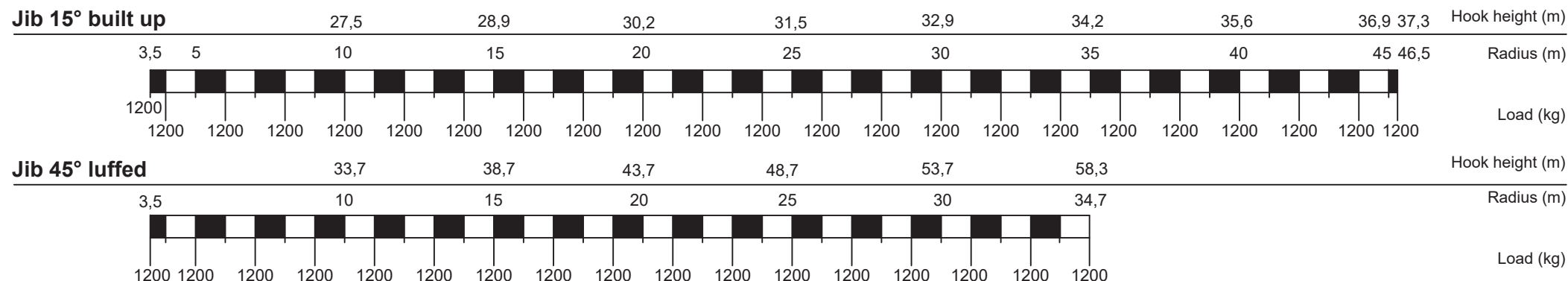
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Specifications subject to modifications

TC: 10072919-A

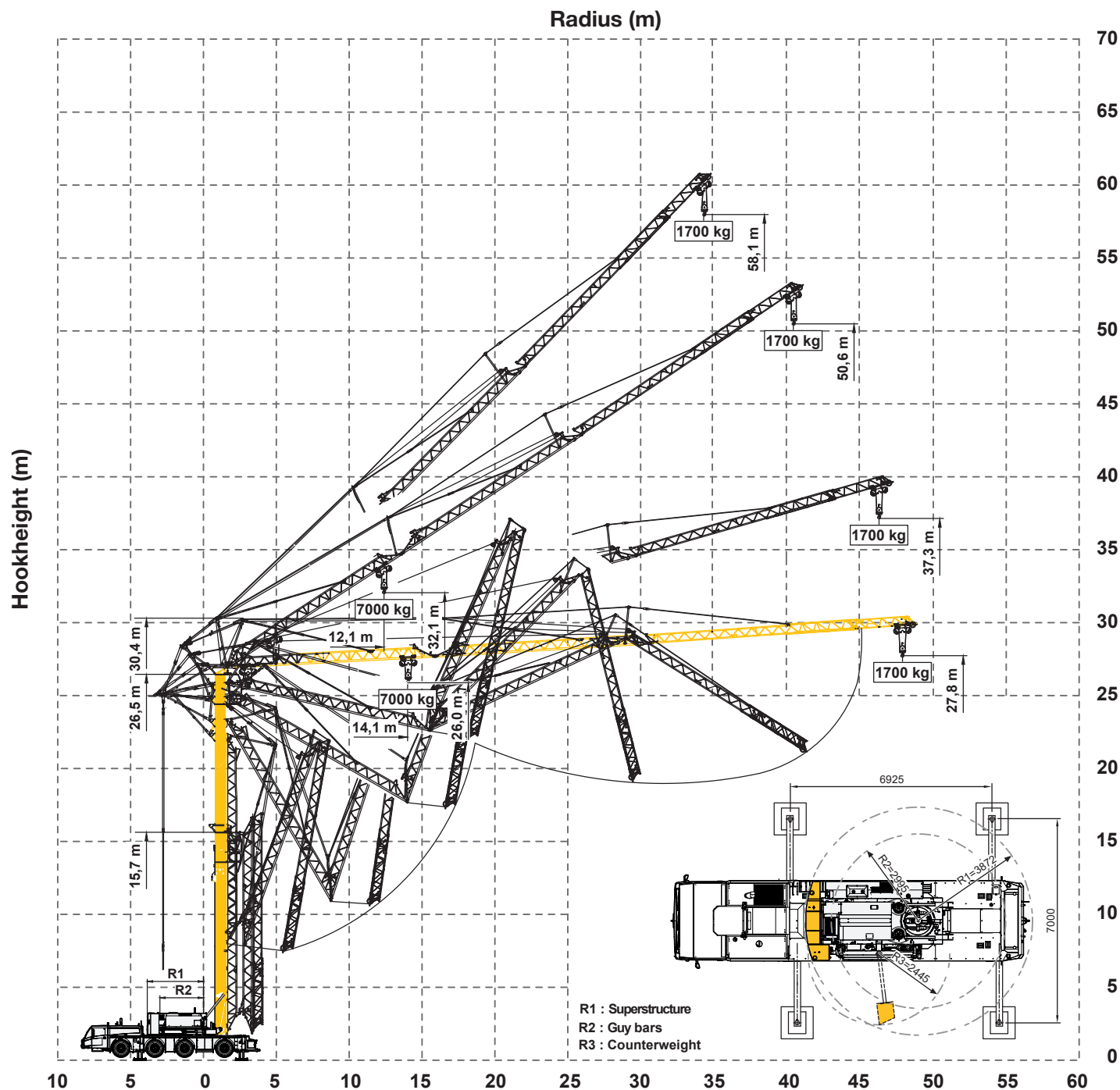
SK597-AT4 eLift

Erecting procedure of the crane 48 m configuration

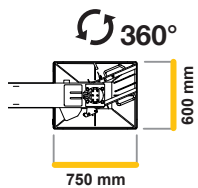
Max. Outrigger
support pads : 360 kN
Outrigger support pads : 750x600 mm
Ground pressure : 0,80 N/mm²

Jib can be unfolded through 360°
Luffing the jib 30° can be controlled from
the crane cab or remote control

Fibre glass pads : 1100x1100 mm
Surface area : 1,21 m²
Ground pressure : 0,30 N/mm²

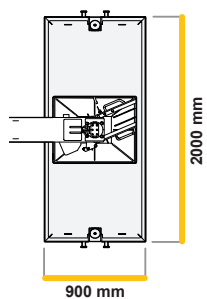


1



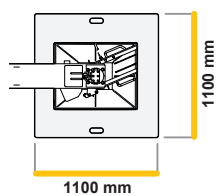
Surface area: 0.45 m²
Ground pressure: 0.80 N/mm²

2



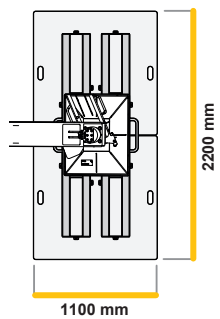
Surface area: 1.80 m²
Ground pressure: 0.20 N/mm²

3



Surface area: 1.21 m²
Ground pressure: 0.30 N/mm²

4



Surface area: 2.42 m²
Ground pressure: 0.15 N/mm²

Overview of outrigging

Max. outrigger pressure: 360 kN

1 = Outrigger support pads

2 = Steel outrigger plate

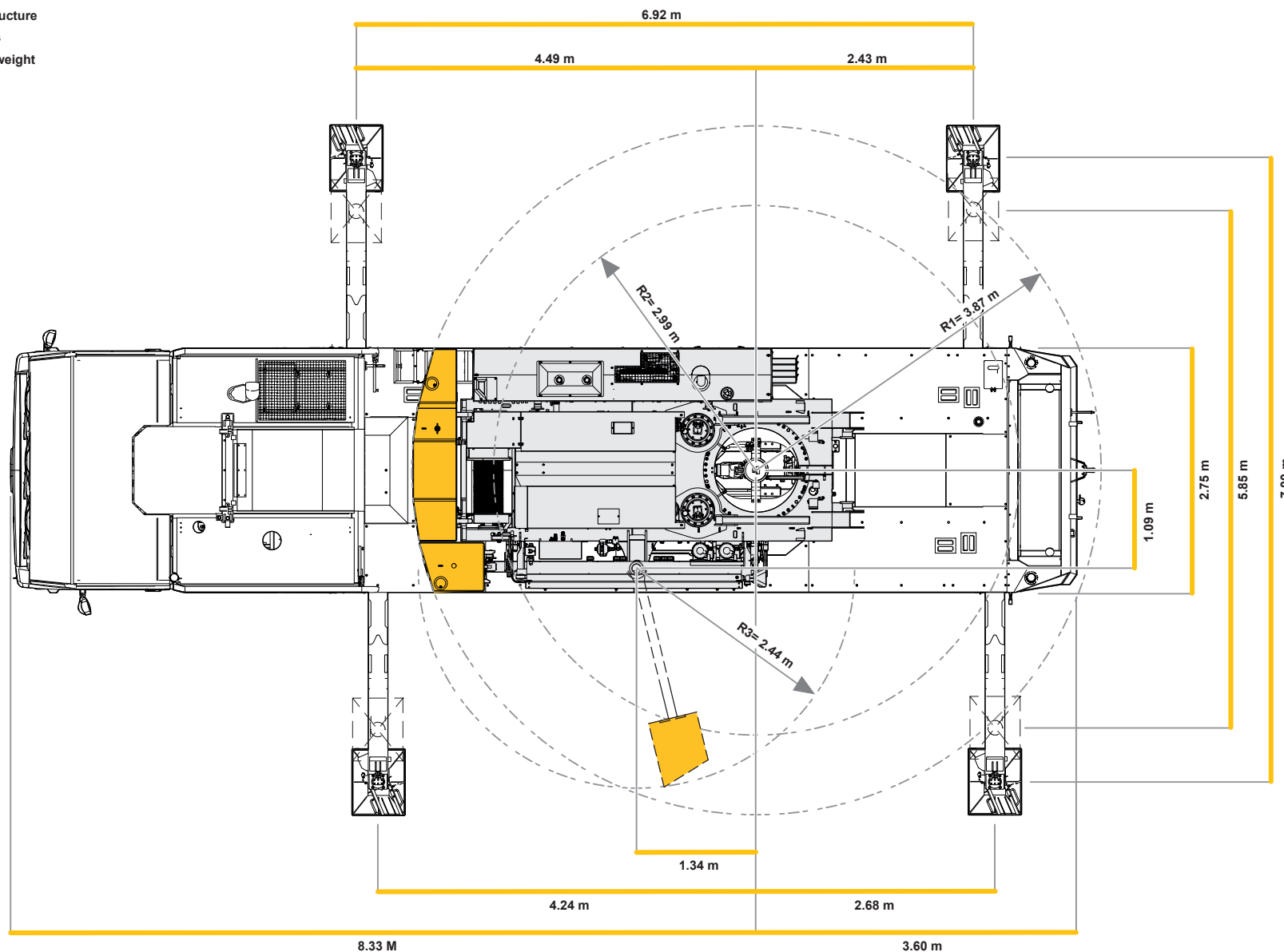
3 = fibre glass pads

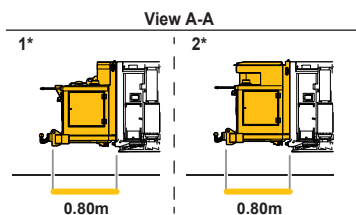
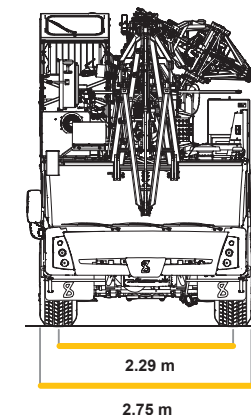
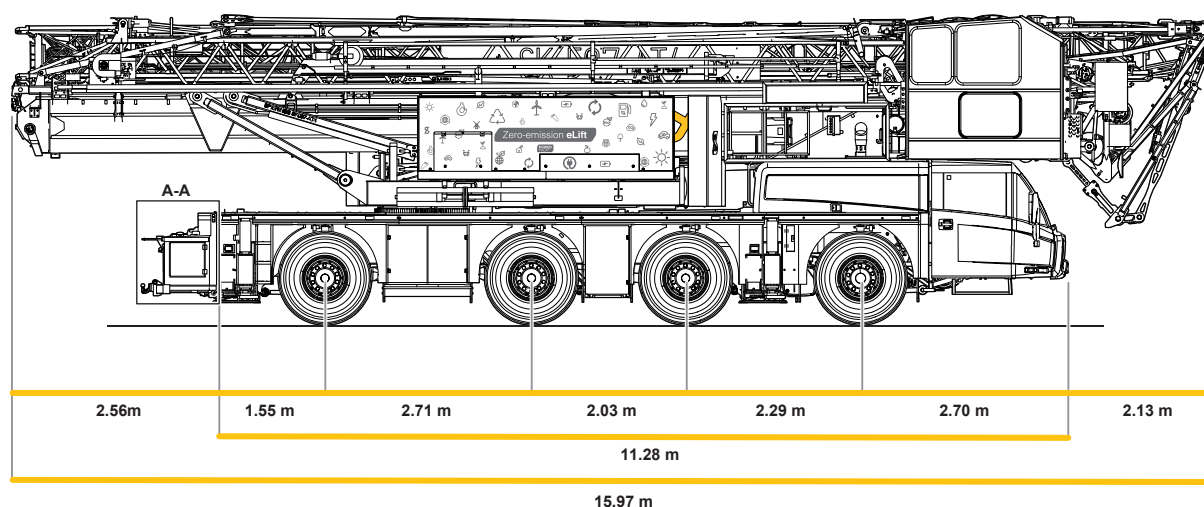
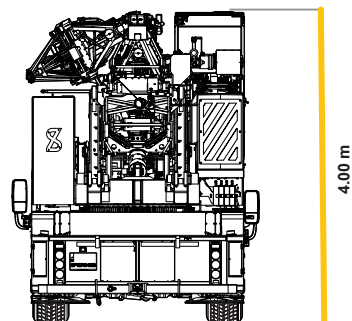
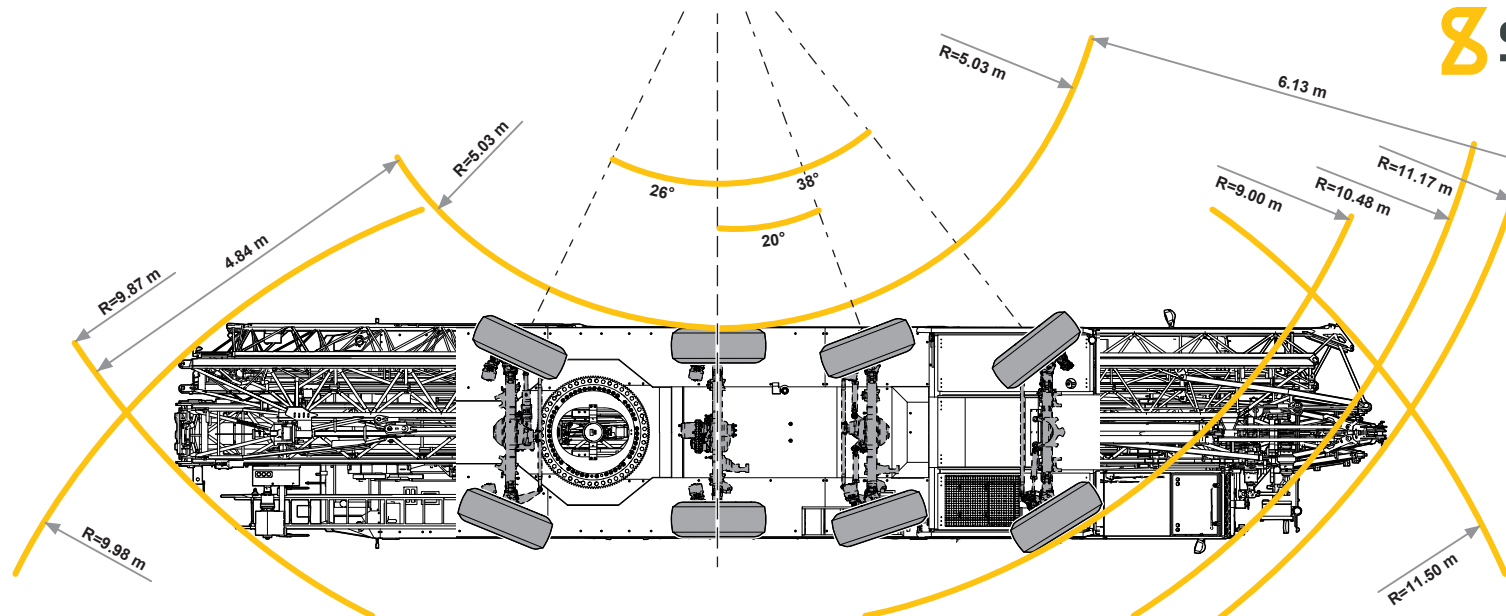
4 = fibre glass pads with steel frame

R1 : Superstructure

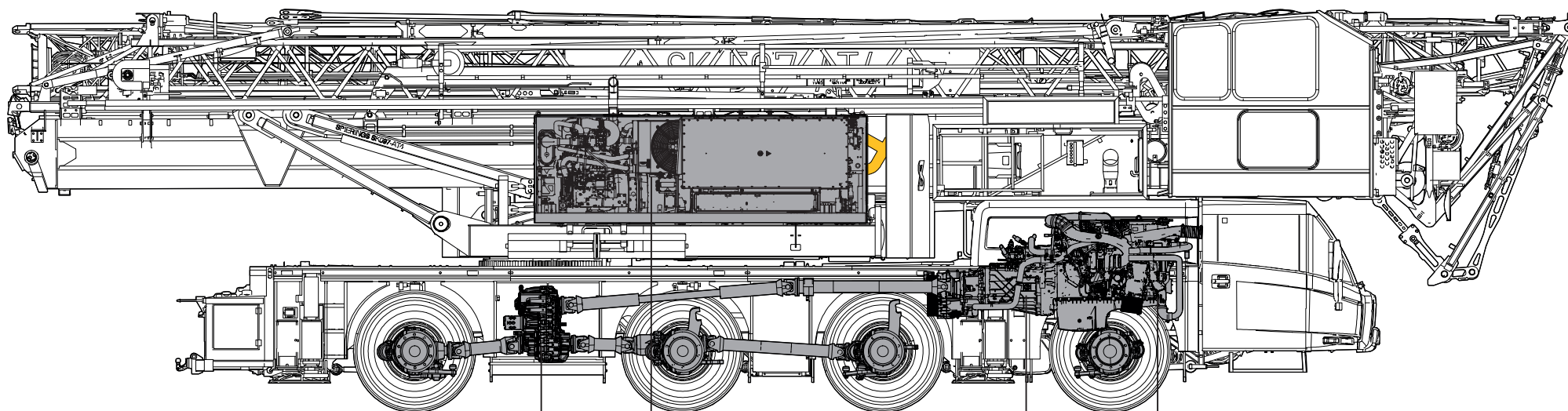
R2 : Guy bars

R3 : Counterweight





Option Rear Box:
1* = Rear box with Steel outrigger plate
2* = Rear box with lid



Axle 4

Axle 3

Axle 2

Axle 1

Transfer box:
ZF TC 27

Road gear $i=0,87$
Off-road gear $i=1,54$

Hybrid Powerpack:

Diesel engine: John Deere 3029HI530

Power: 55 kW (2400 rpm)

Torque: 292 Nm (1600 rpm)

Battery:

Nom. voltage: 666 V DC

Capacity: 48 Ah

Energy: 31,97 kWh

Motor/generator: Danfoss EM-PMI375-T500

Power: 130 kW (2300 rpm)

Torque: 538 Nm (2300 rpm)

Gearbox:

ZF Traxon 12TX2611 SO
Automatic + Intarder
Dry plate clutch

Carrier diesel engine:

DAF: MX11-330 Euro VI (10,8 ltr)

Power: 330 kW (1600 rpm)

Torque: 2300 Nm (900-1125 rpm)

Axle 1 : Steer axle

Axle 2 : Steer drive axle (end reduction $i=6,35$)

Axle 3 : Non Steered drive axle (end reduction $i=6,35$)

Axle 4 : Steer drive axle (end reduction $i=6,35$)

Kessler-axes with disc brakes

Tyres

Suspension

Stroke suspension

Max. speed carrier

Min. speed carrier (engine at 1000 rpm)

Overall weight

: 445/75 R22,5

: Hydro-pneumatic on all axles

: 247 mm

: 83 km/h

: 1,4 km/h

: 48.000 kg