

**SPIERINGS  
KRANEN**Mark: **SPIERINGS** Type: **SK598-AT5****Crane identification**

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

Identification-  
number**92 tm**

Max. load

**8,0 tonne**Max. radius  
with max. load**12,8 m**

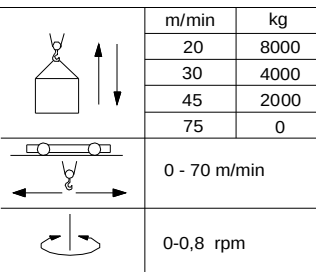
Max. capacity

**103 tm**

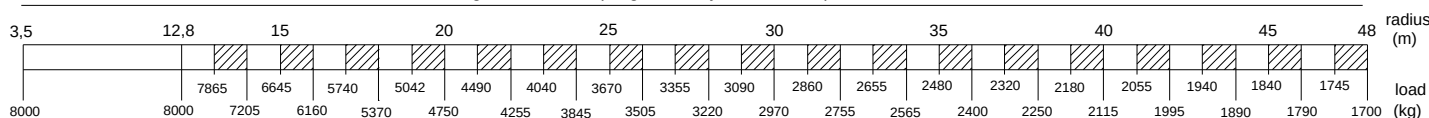
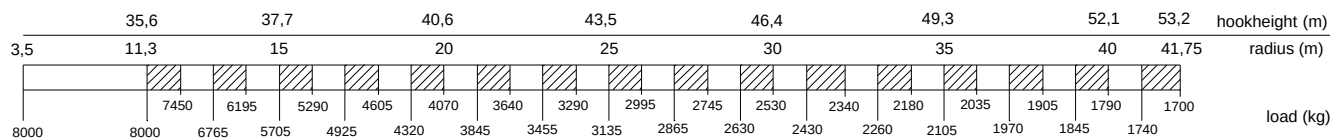
Max. jiblength

**48 m****Speeds****LIFTING CHART Outrigger spread 7,20 m x 7,20 m**

Jib horizontal / jib 30° luffed

**Jib horizontal**

hookheight 23,8 / 30 m (height under jib 25,8 / 32 m)

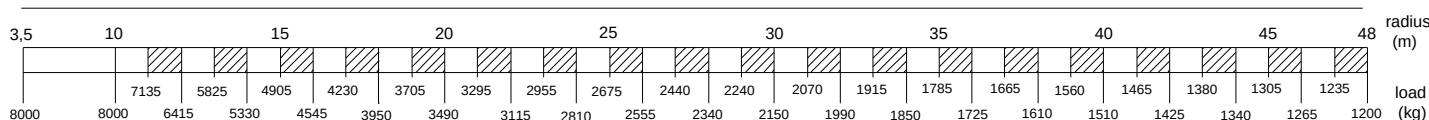
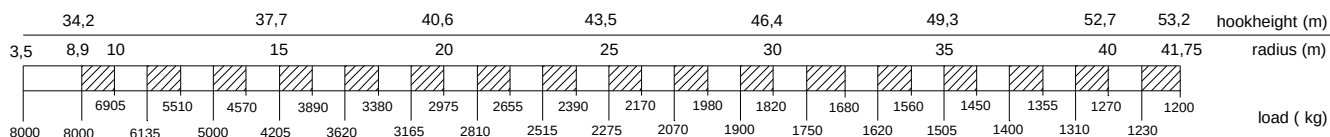
**Jib 30° luffed**

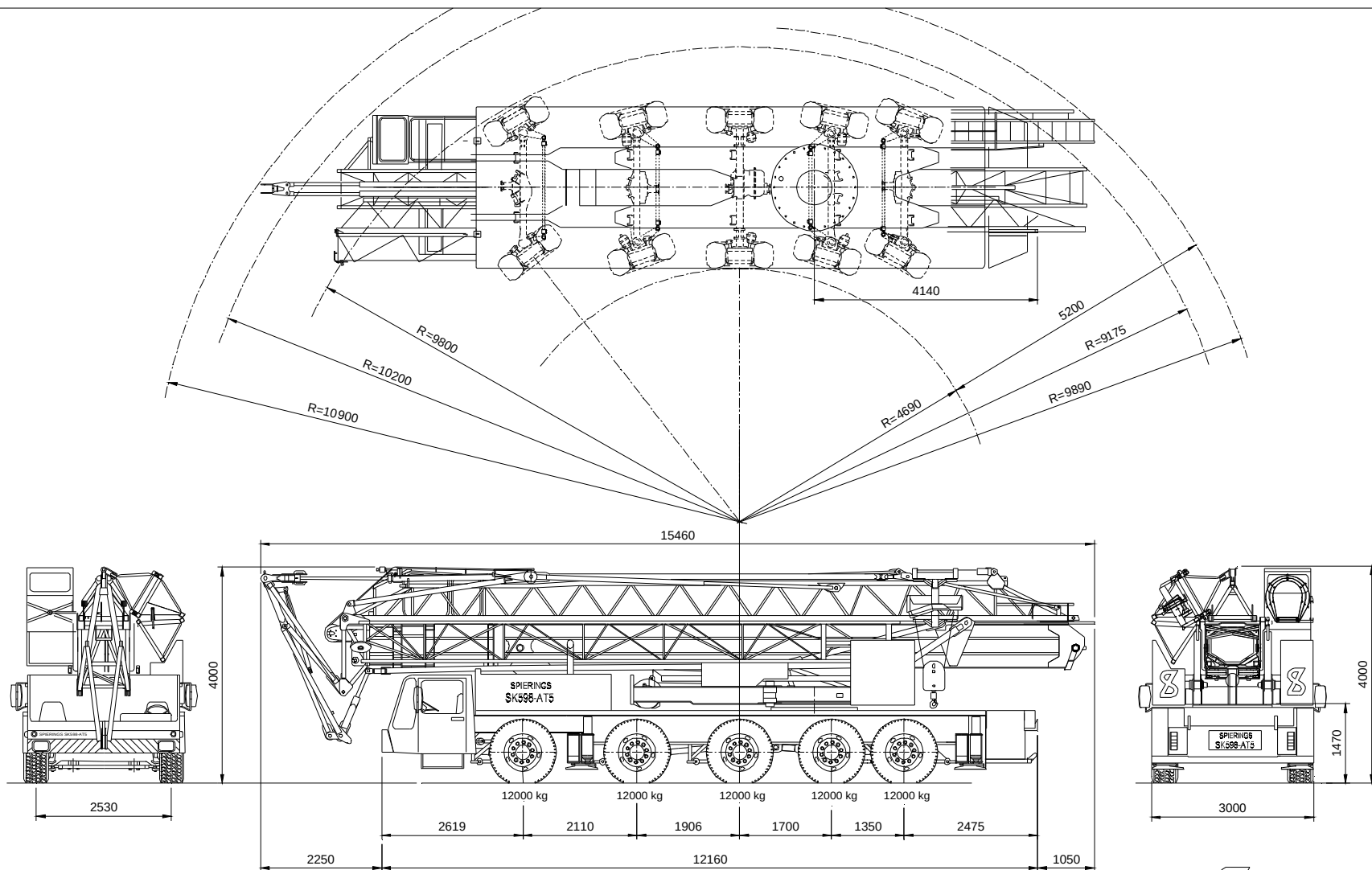
All motions with hydraulic proportional controls  
Luffing the jib 30° can be controlled from crane cab or via remote control  
Driving with erected tower and jib, only with the jib horizontal and positioned over the front carriage, platform locked to the carrier and the outriggers fully extended (max. inclination 2°)  
Rated lifting capacity is net capacity  
Crane equipped with full counterweight: 8700 kg  
360° continuous slewing, with outriggers out and down  
2 Outriggers positions: 7,20 x 7,20 m  
7,20 x 5,65 m

Operation allowed up to a windforce of 8 on the Beaufortscale. (wind speed 20 m/sec.)  
Sail area of the load max. 1,0 m<sup>2</sup> / tonne at a windforce of 8 on the Beaufortscale.  
Operating temperature range from -15° to 40° C.  
In all cases 2 parts of line  
Max. line pull force 4000 kg  
The crane should be folded in at a windforce >10 (24m/sec) or when not in use for a longer period

**LIFTING CHART Outrigger spread 7,20 m x 5,65 m****Jib horizontal**

hookheight 23,8 / 30 m (height under jib 25,8 / 32 m)

**Jib 30° luffed**



## SPIERINGS HYDRAULIC FOLDING CRANE

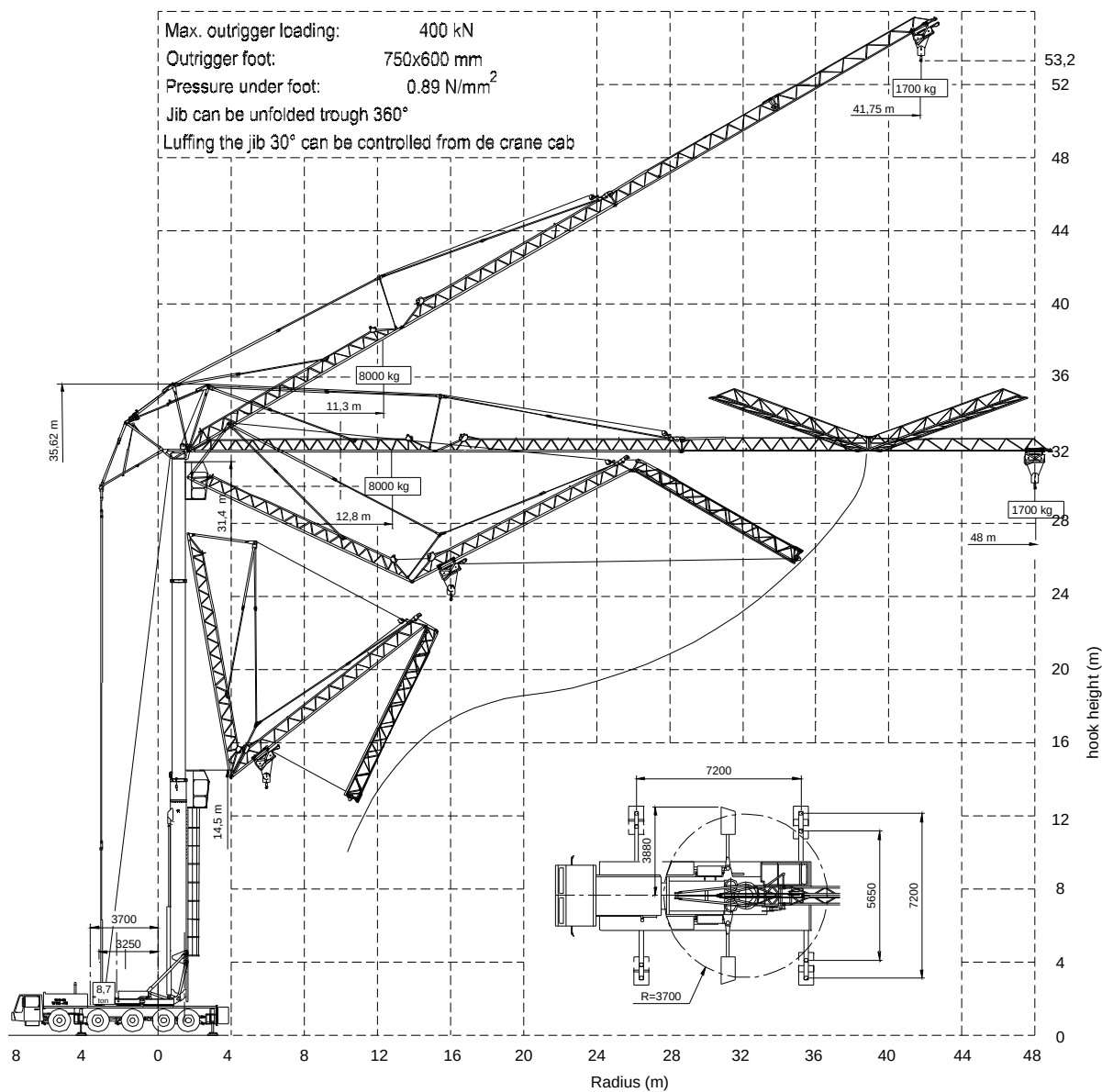
**SK 598 - AT5**

Total weight: 60000kg

Changes subject to modifications

**SPIERINGS  
KRANEN bv**

Merwedestraat 15/  
5347 KZ Oss NL  
Tel. 0412-626964  
Fax 0412-645299



## SPIERINGS HYDRAULIC FOLDING CRANE SK 598 - AT5



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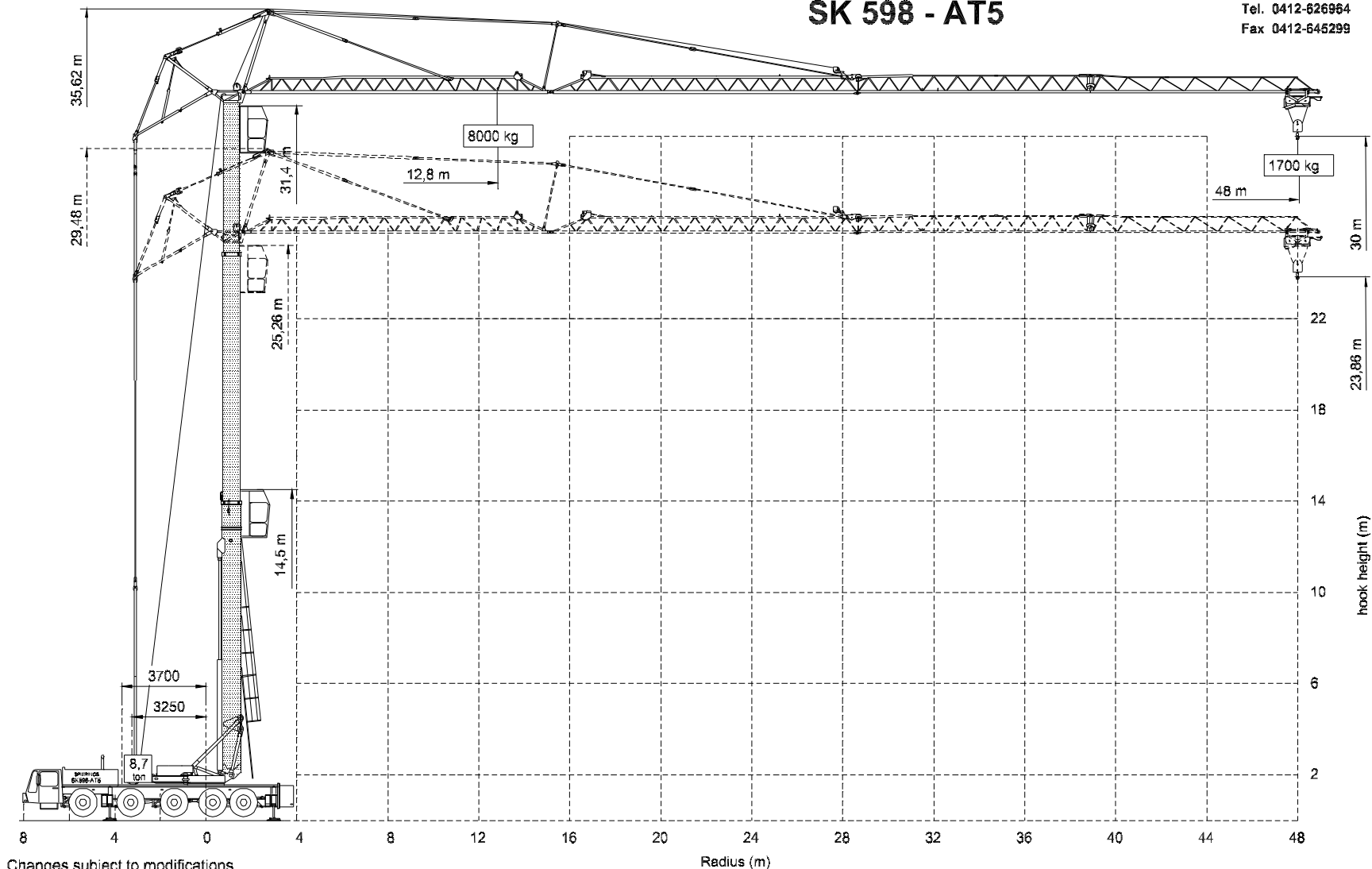
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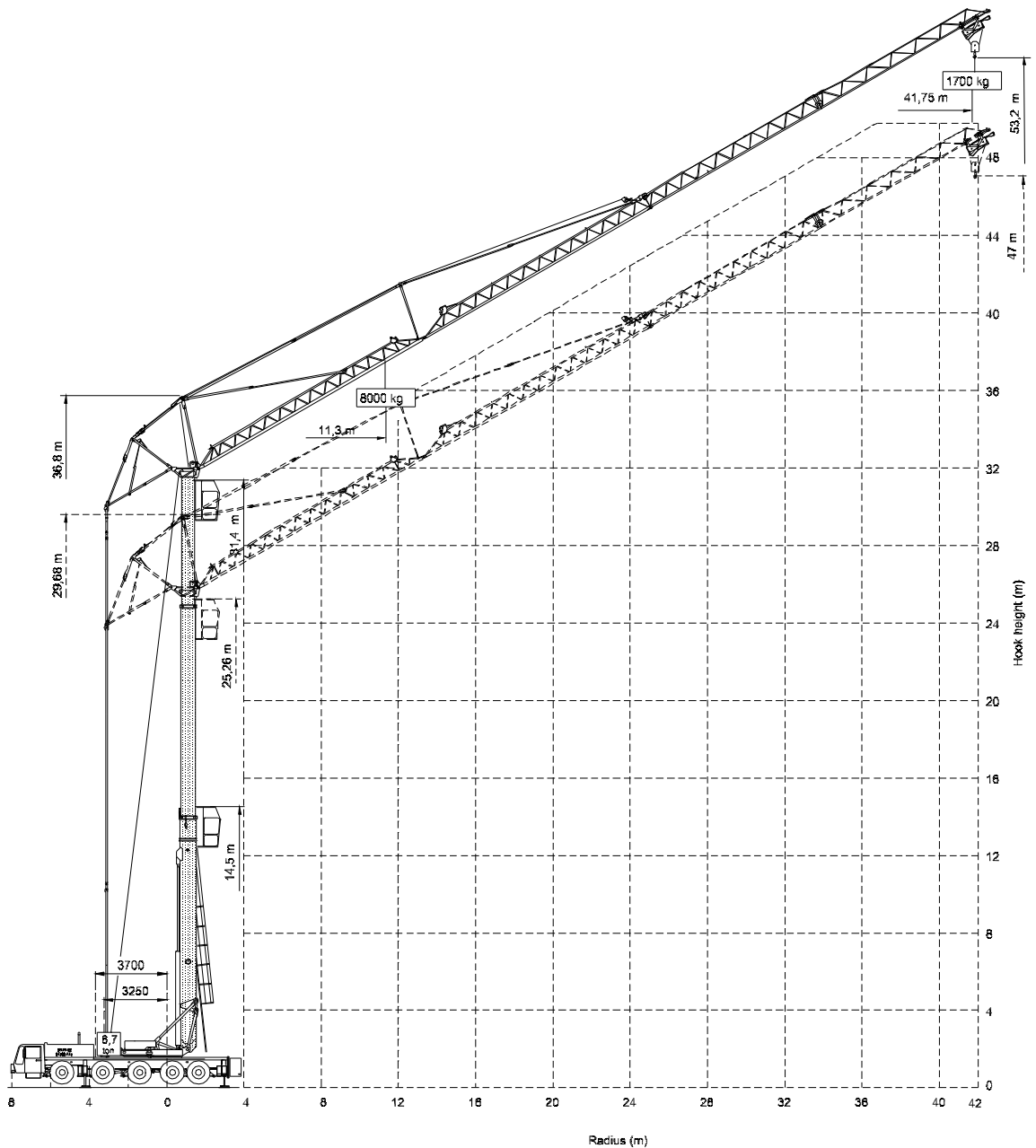
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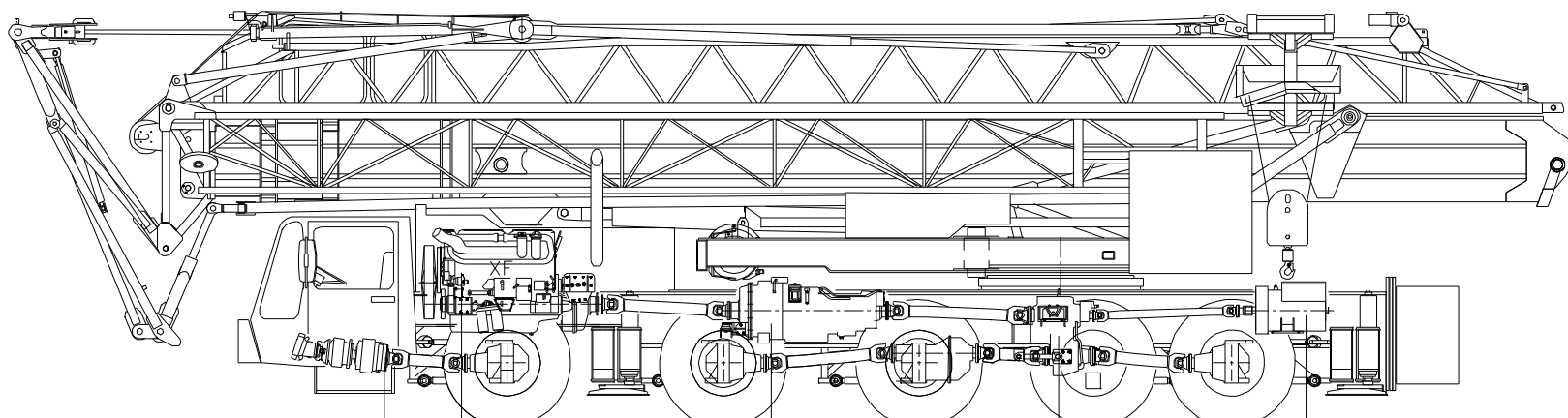
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HYDRAULIC FOLDING CRANE  
SK 598 - AT5**



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## Drive train SPIERINGS SK598-AT5



Hydraulic front axle drive  
HYDRAUDINE hydro-adj. motor A6VM  
BREVINI planetary gearbox:  
ED 2090 FE / 14,3

Axle 1

Axle 2

Axle 3

Axle 4

Axle 5

Diesel engine :  
DAF XF 315M  
Power: 315 Kw (2000 rpm)  
Torque: 1900 Nm (1050 rpm)

Gearbox  
ZF 16S221 + WSK400  
Manually operated with air power ass.  
+ Dry plate clutch  
+ interarder

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

Generator;  
LSA 44.1M4 - 85kVA

Axles 1,2,3 and 5 : GINAF axles with DAF drive components

Axle 4 : GINAF axle, not driven

Suspension: Hydro-pneumatic on all axles, stroke ram 210 mm

Max. speed carrier : 80 km/h

Min. speed carrier (engine speed 1000 rpm) : 1,6 km/h

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