

**SPIERINGS
KRANEN**Mark: **SPIERINGS** Type: **SK488-AT4****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

Identifacation-
number**93 tm**

Max. load

8,0 tonneMax. radius
with max. load**12,76 m**

Max. capacity

102 tm

Max. jib lenght

40m**Speeds**

Jib horizontal / jib 30° luffed

m/min

kg

18 8000

27 4000

40 2000

75 0

0 - 70 m/min

0-0,9 rpm

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

Operation allowed up to a wind force :
7 on the Beaufort scale (wind speed 17m/sec)

Outrigger position : 7,95 x 7,66 m
7 on the Beaufort scale (wind speed 17m/sec)
Outrigger position : 7,95 x 5,72 m
6 on the Beaufort scale (wind speed 14m/sec)

Sail area of the load max. 1,0 m² / tonne at a
windforce of 7 on the Beaufortscale.

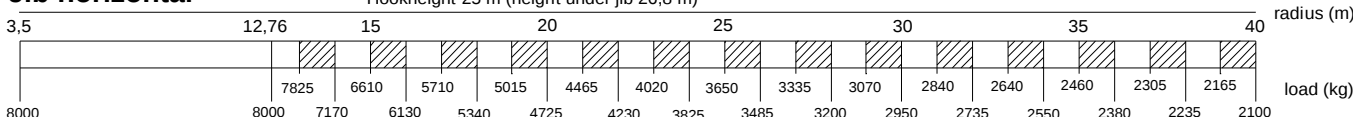
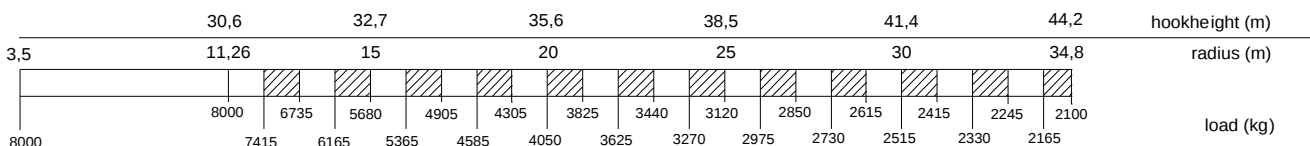
Operating temperature range from -15° to 40° C.
In all cases 2 parts of line

Max. line pull force 4000 kg

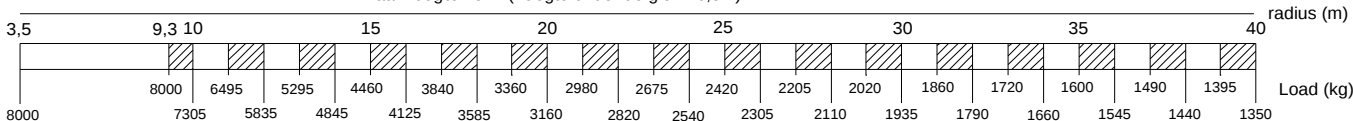
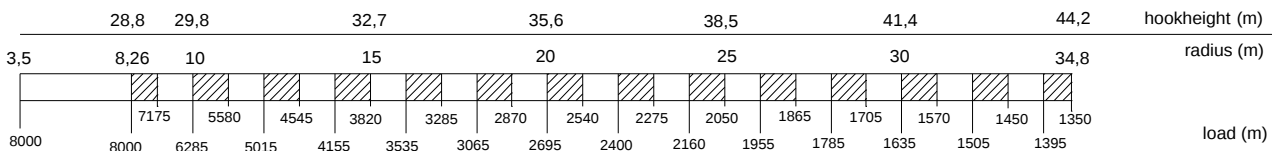
The crane should be folded in at a windforce >9
(21m/sec) or when not in use for a longer period

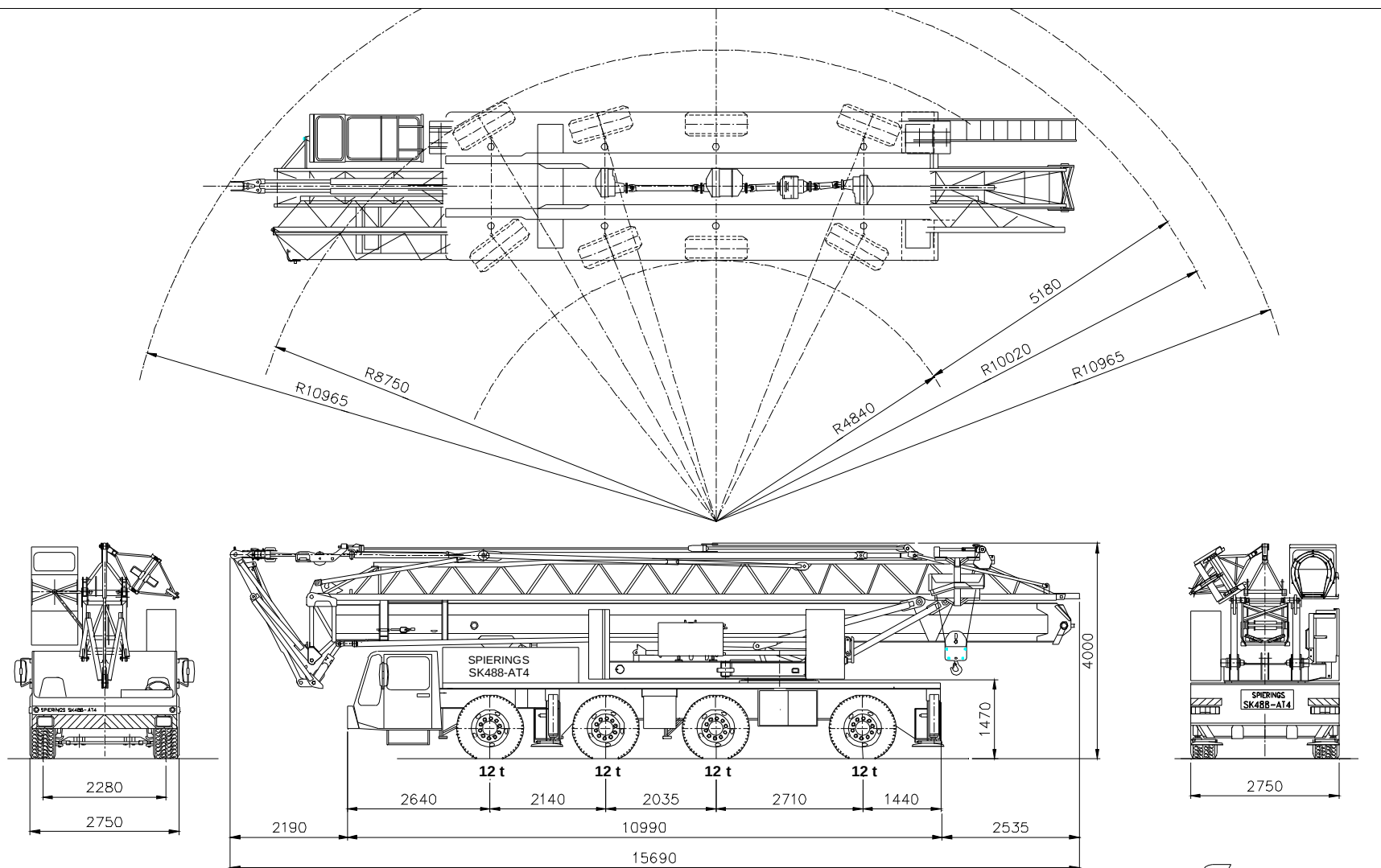
LIFTING CHART Outrigger spread 6,90 m x 6,84 m (up to wind force 7 on the beaufort scale)**Jib horizontal**

Hookheight 25 m (height under jib 26,8 m)

**Jib 30° luffed****LIFTING CHART Outrigger spread 6,90 m x 5,15 m (up to wind force 6 on the beaufort scale)****Jib horizontal**

haakhoogte 25 m (hoogte onder de giek 26,8m)

**Jib 30° luffed**



SPIERINGS HYDRAULIC FOLDING CRANE

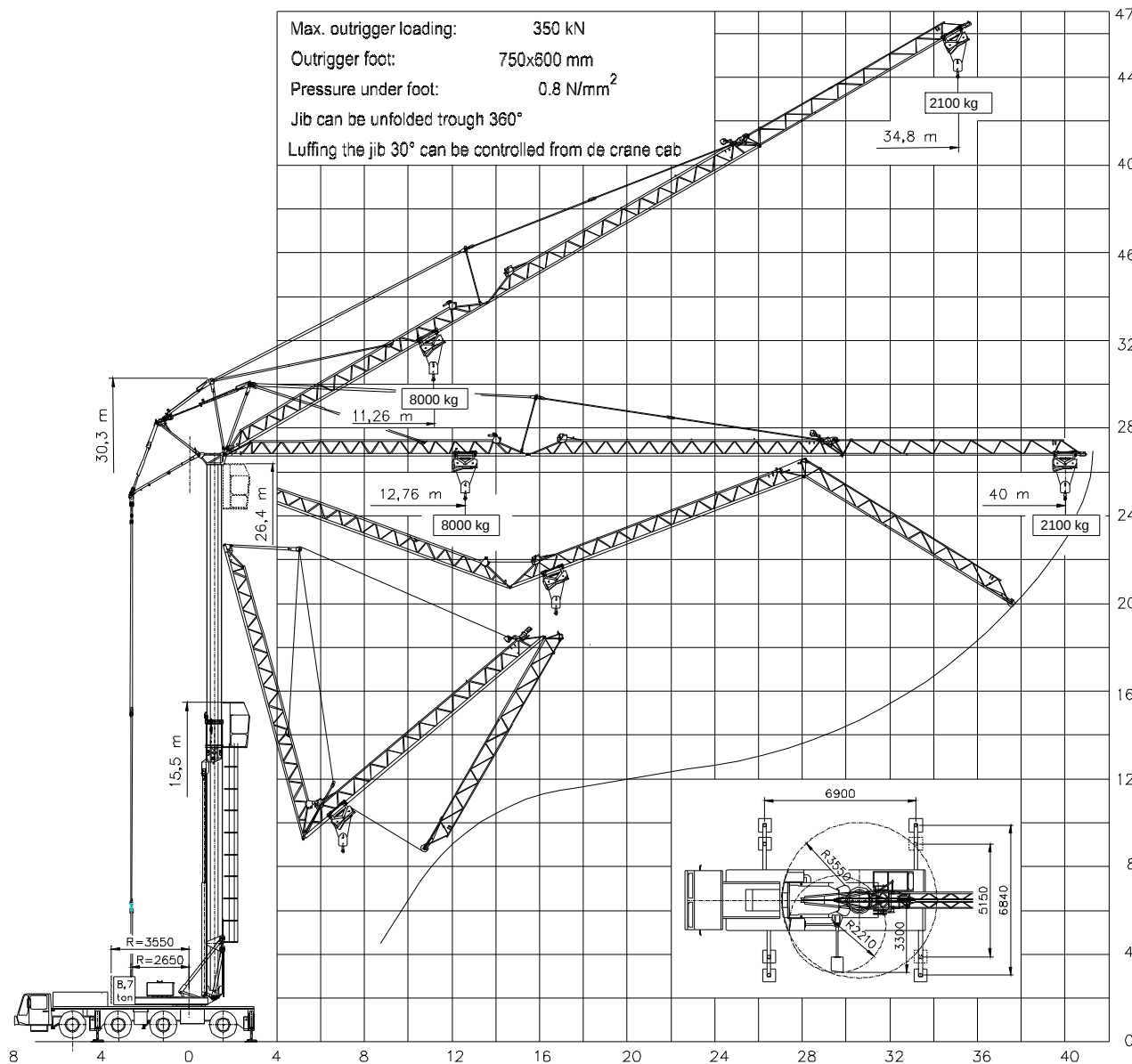
SK 488 - AT4

Total weight: 4800 kg



**SPIERINGS
KRANEN bv**

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



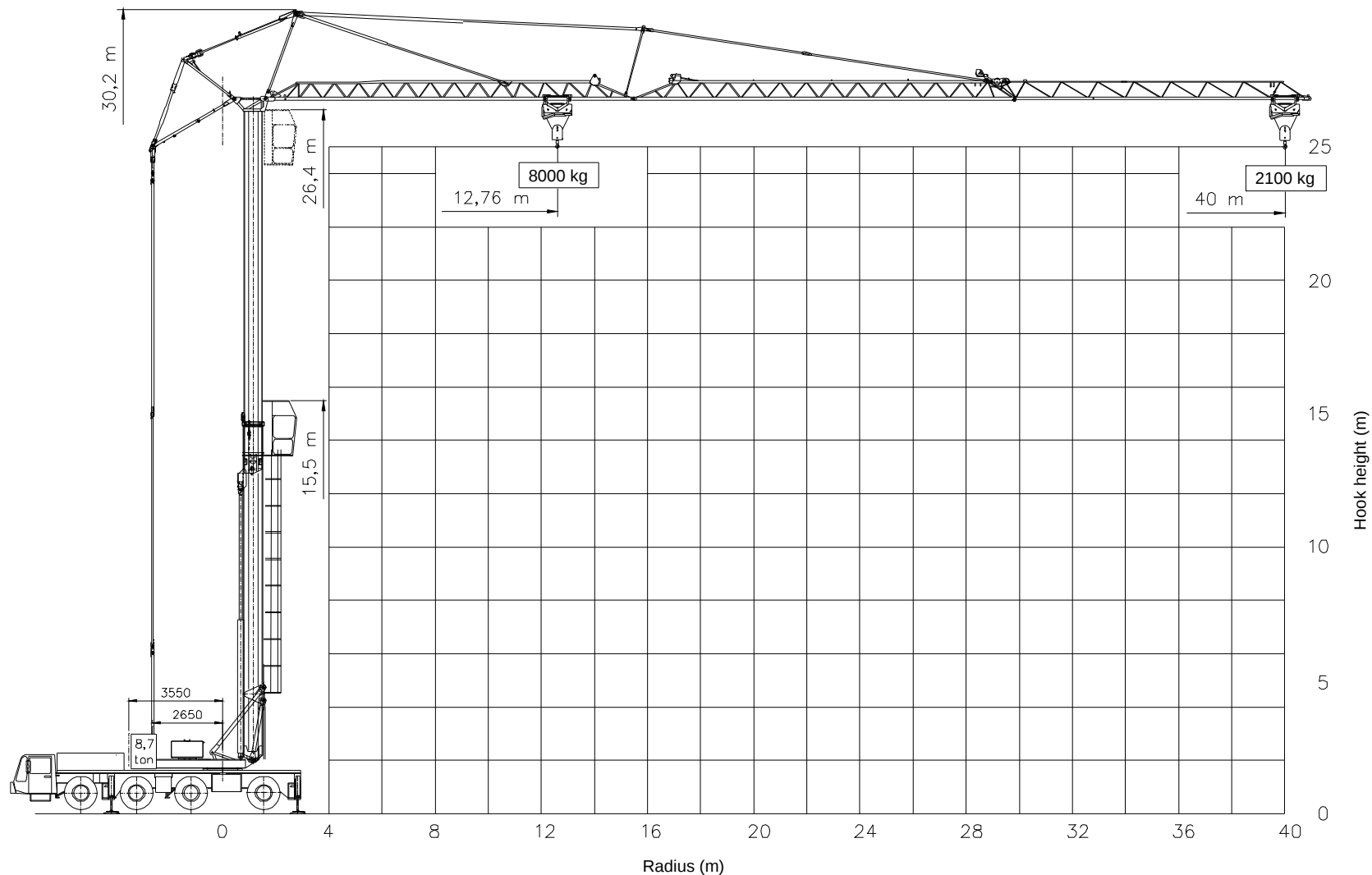
SPIERINGS HYDRAULIC FOLDING CRANE SK 488 - AT4



Merwedestraat 15
 5347 KZ Oss NL
 Tel. (31) 412 626964
 Fax (31) 412 645299



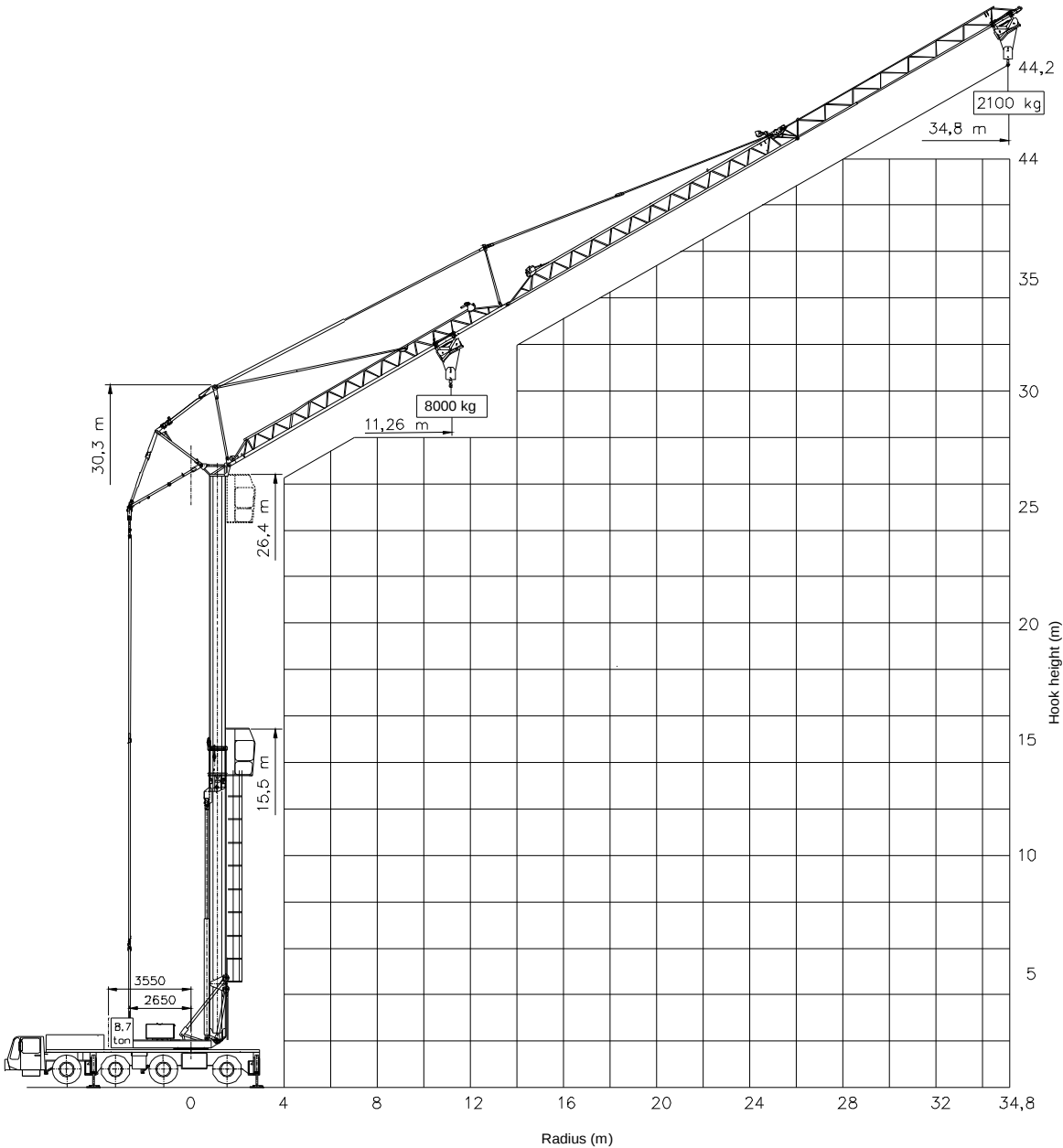
SPIERINGS HYDRAULIC FOLDING CRANE SK 488 - AT4

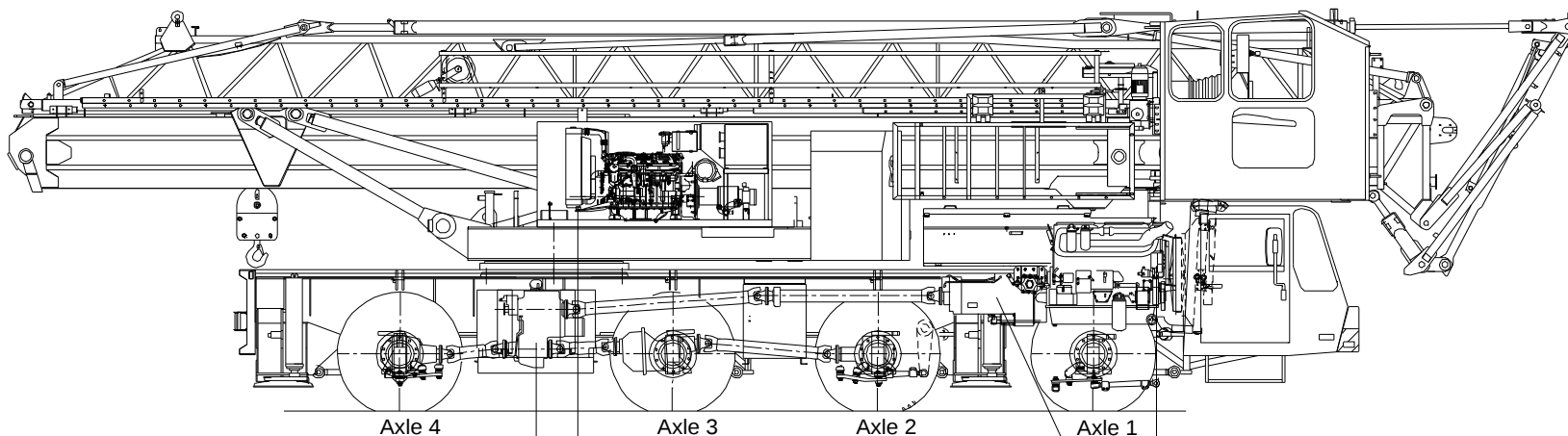




SPIERINGS HYDRAULIC FOLDING CRANE

SK 488 - AT4





Transferbor:
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 16S151
Manually operated
+ air power assistance
+ dry plate clutch

Carrier diesel engine:
DAF XE 280 C (EURO 3)
Power: 280 kW (1900 rpm)
Torque: 1750 Nm (1500 rpm)

Axle 1 : Steer axle
Axle 2 : Steer drive axle (end reduction $i=6,57$)
Axle 3 : Drive axle, not steering (end reduction $i=6,57$)
Axle 4 : Steer drive axle (end reduction $i=6,57$)

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 : 48.000 kg.

Drive train Spierings Folding Crane SK488-AT4