



**SPIERINGS  
KRANEN**

Mark: **SPIERINGS** Typ: **SK345-AT3**

**Crane identification**

|                                               |                                                                                                                                          |                                           |                               |                                              |                                 |                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------|----------------------------------------------|---------------------------------|----------------------------------|
| Serial number:<br><input type="text"/>        | Crane group : 3 as per NEN 2018<br>Loadspectrum : 2 as per NEN 2018<br>Classification : A as per NEN 2018<br>Stability : as per NEN 2022 | Identification-<br>number<br><b>41 tm</b> | Max. load<br><b>5,0 tonne</b> | Max.radius<br>with max. load<br><b>9,3 m</b> | Max. capacity<br><b>46,5 tm</b> | Max. jib lenght<br><b>30,4 m</b> |
| Year of construction:<br><input type="text"/> |                                                                                                                                          |                                           |                               |                                              |                                 |                                  |

**Speeds**

Jib horizontal / jib 30° luffed

|  | m/min | kg   |
|--|-------|------|
|  | 11    | 5000 |
|  | 18    | 2500 |
|  | 35    | 1700 |
|  | 50    | 0    |

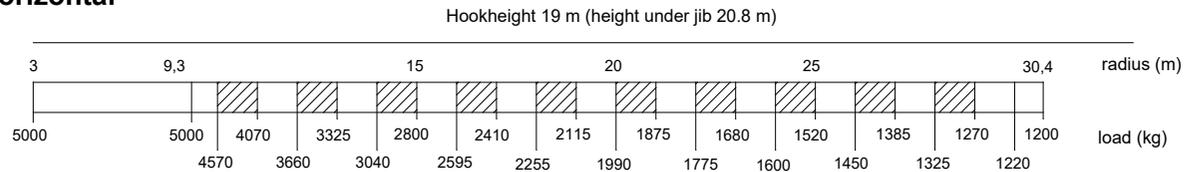
|  |              |
|--|--------------|
|  | 0 - 40 m/min |
|--|--------------|

|  |             |
|--|-------------|
|  | 0 - 0,9 rpm |
|--|-------------|

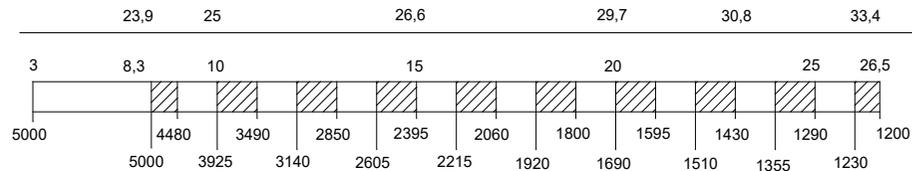
All motions with hydraulic proportional controls  
Luffing the Jib 30° can be controlled from crane cab or via remote control  
Driving with erected tower and jib, only with the jib horizontal and positioned over the front carriage, platform locked to the carrier and the outriggers fully extended (max. inclination 2°)  
Rated lifting capacity is net capacity  
Crane equipped with full counterweight: 7080 kg  
360° continuous slewing, with outriggers out and down  
2 Outriggers positions: 6,90 x 5,40 m  
6,90 x 3,80 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 2500 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 5,40 m**

**Jib horizontal**

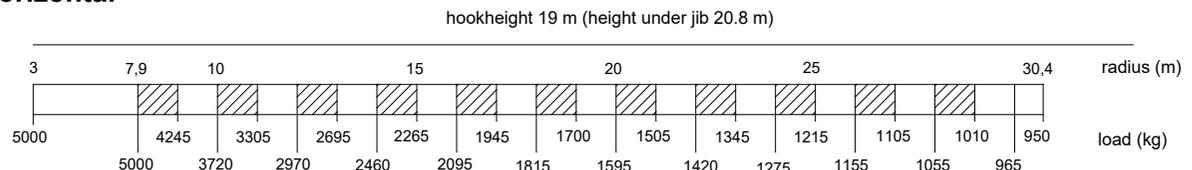


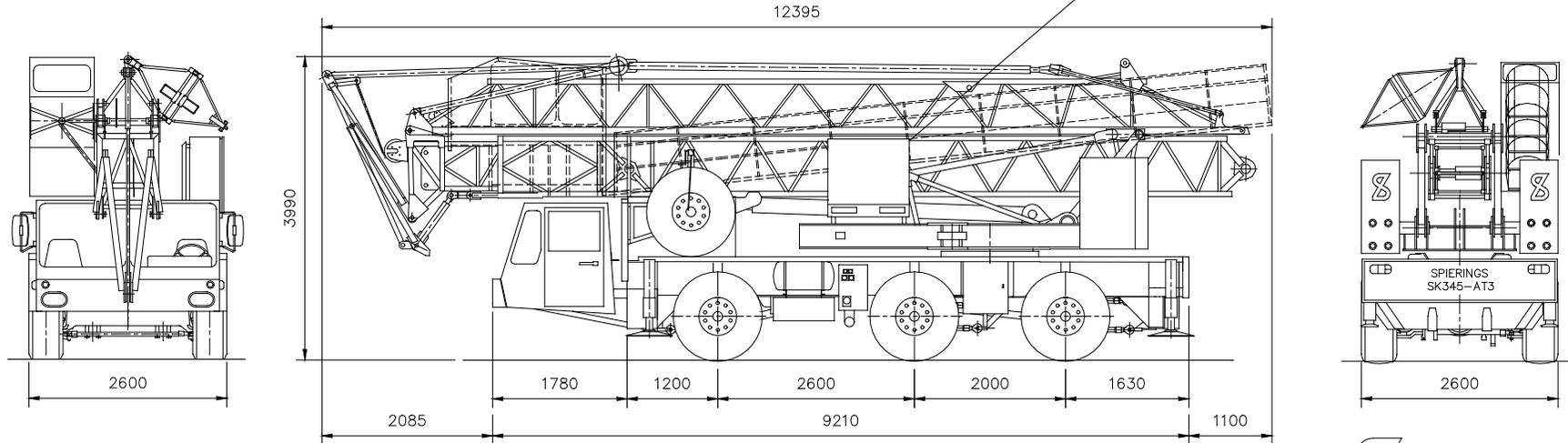
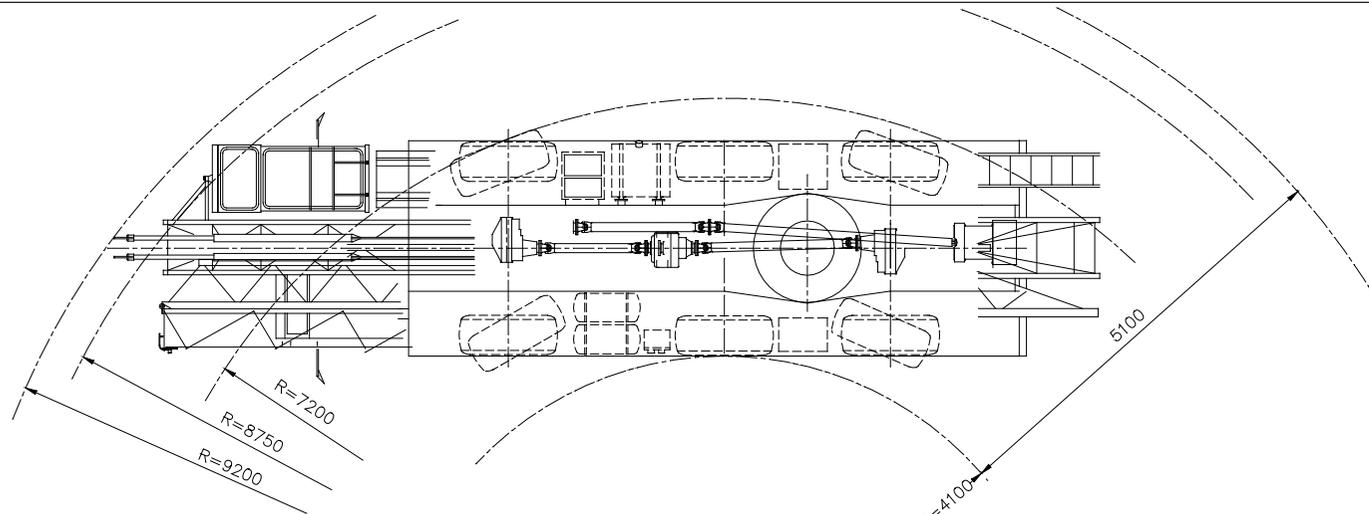
**Jib offset +30°**



**LIFTING CHART Outrigger spread 6,90 m x 3,20 m**

**Jib horizontal**





**SPIERINGS HYDRAULIC FOLDING CRANE  
SK345-AT3**

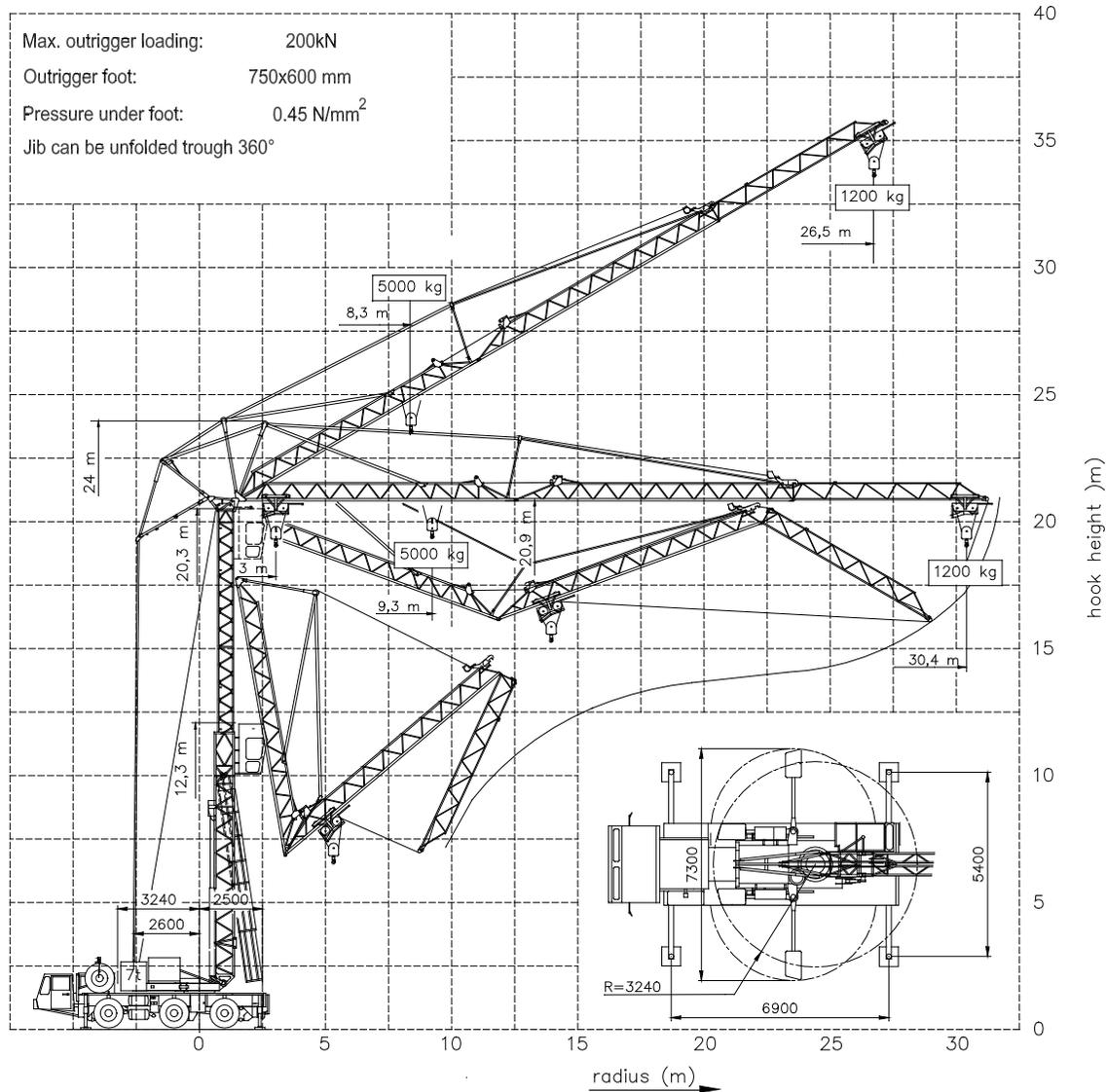
**Total weight: 36000 kg**



**SPIERINGS  
KRANEN**

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

Max. outrigger loading: 200kN  
 Outrigger foot: 750x600 mm  
 Pressure under foot: 0.45 N/mm<sup>2</sup>  
 Jib can be unfolded trough 360°

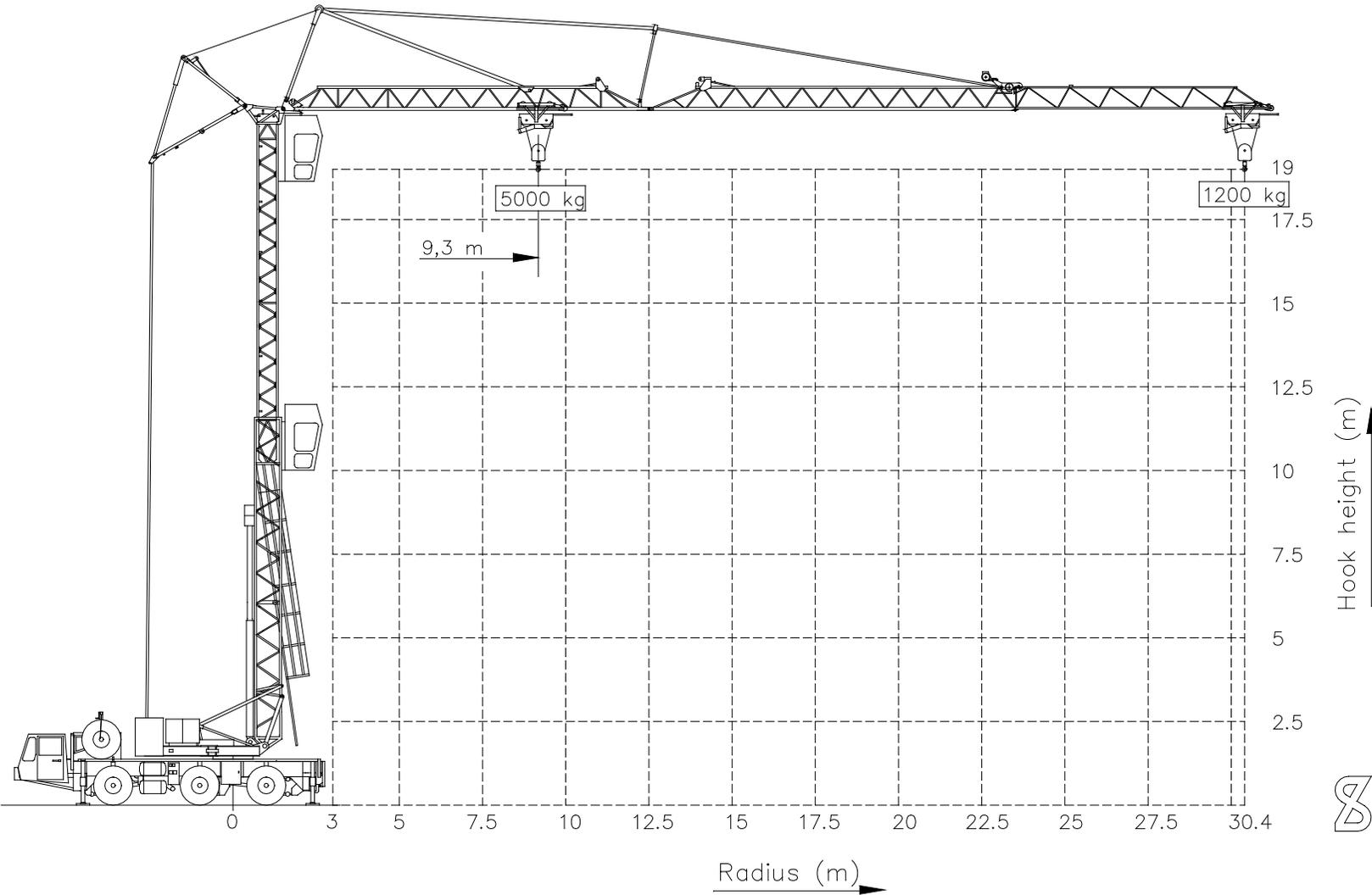


# SPIERINGS HYDRAULIC FOLDING CRANE SK 345 - AT3

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

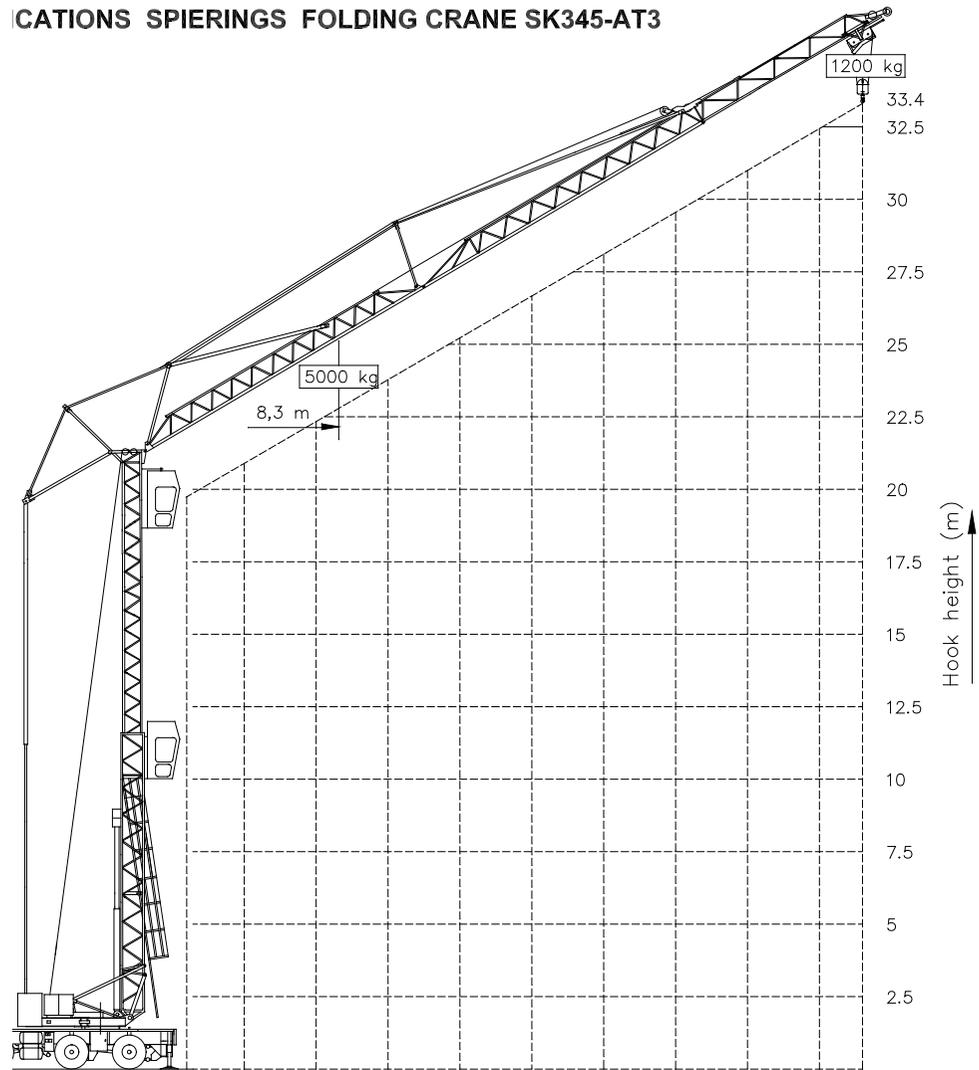
Changes subject to modifications

# HOISTING SPECIFICATIONS SPIERINGS FOLDING CRANE SK345-AT3



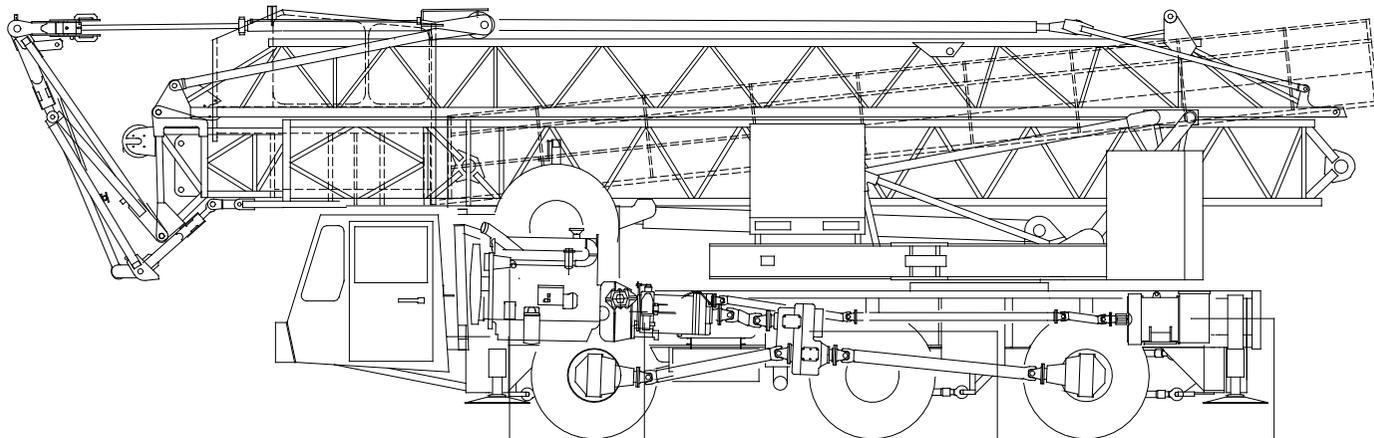
**SPIERINGS  
KRANEN**  
Merwedestraat 15  
5347 KZ Oss NL  
Tel. 0412-626964  
Fax 0412-645299

**CATIONS SPIERINGS FOLDING CRANE SK345-AT3**



**SPIERINGS  
KRANEN**  
Merwedestraat 15  
5347 KZ Oss NL

## Drive train SPIERINGS SK345-AT3



Engine:  
DAF DHS 825 L (8,25 ltr.)  
Power: 195 Kw (2400 rpm)  
Torque: 932 Nm (1500 rpm)

Axle 1

Gear box ZF S6-90  
Manually operated with air power ass.  
+ dry plate clutch

Axle 2

Transfer case:  
STEYR VG1600/300  
Road gear  $i=1:0,89$   
Off-road gear  $i=1:1,54$

Axle 3

Generator;  
LSA 44.1M3 - 75kVA

Axles 1 and 3 : O&K (/FAUN) axles with differential and end reduction

Axle 2 : O&K (/FAUN) axle, not driven

Suspension: hydro-pneumatic on all axles, stroke ram 160 mm

Max. speed carrier : 80 km/h

Min speed carrier (diesel engine 1000 rpm) : 1,7 km/h

SPIERINGS FOLDING CRANE  
Type SK345-AT3



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

subject to modifications