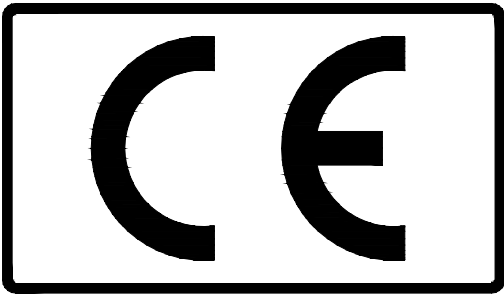




MICK VOLENDAM

Make: SPIERINGS

Type: SK597-AT4



Operation allowed up to wind force 7 Bf (14 m/sec).  
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: 8855 kg.  
Max. outrigger force: 360 kN.

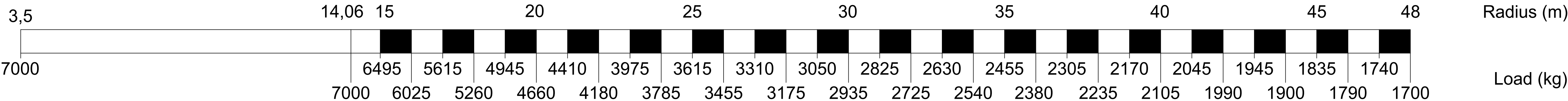
Serial number:

Year of construction: 2018

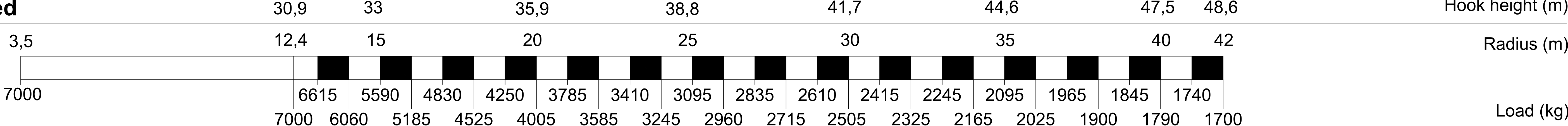
Lifting chart outrigger support base 6,925 m x 7,0 m

Jib horizontal

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



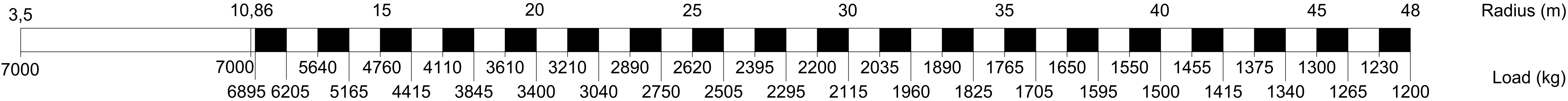
Jib 30° luffed



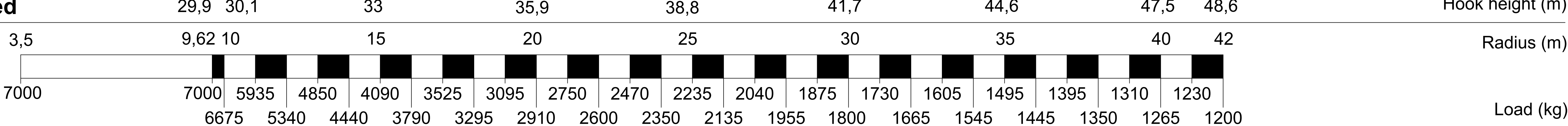
Lifting chart outrigger support base 6,925 m x 5,85 m

Jib horizontal

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



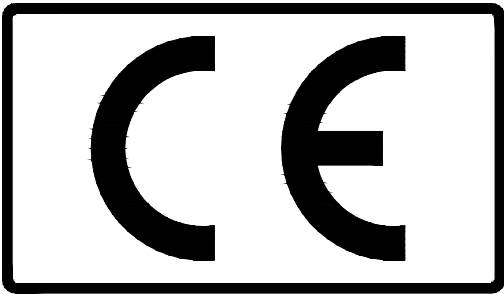
Jib 30° luffed





Make: **SPIERINGS**

Type: **SK597-AT4**

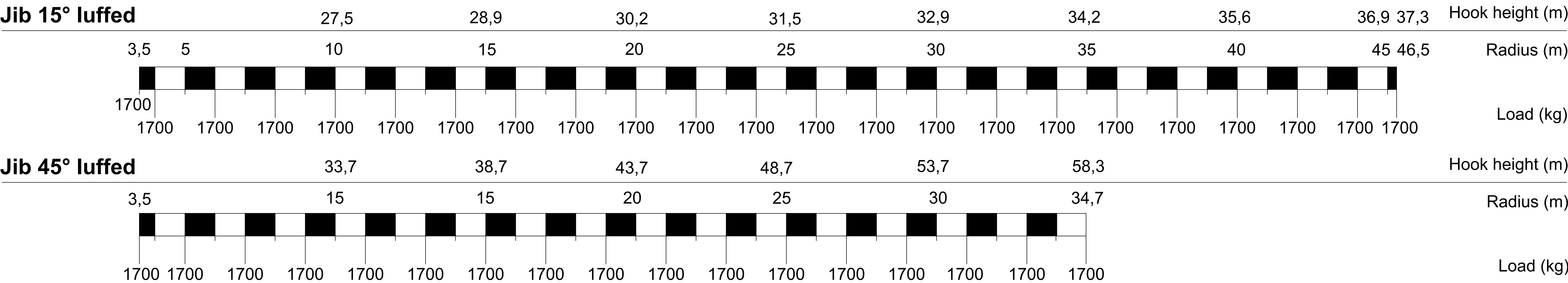


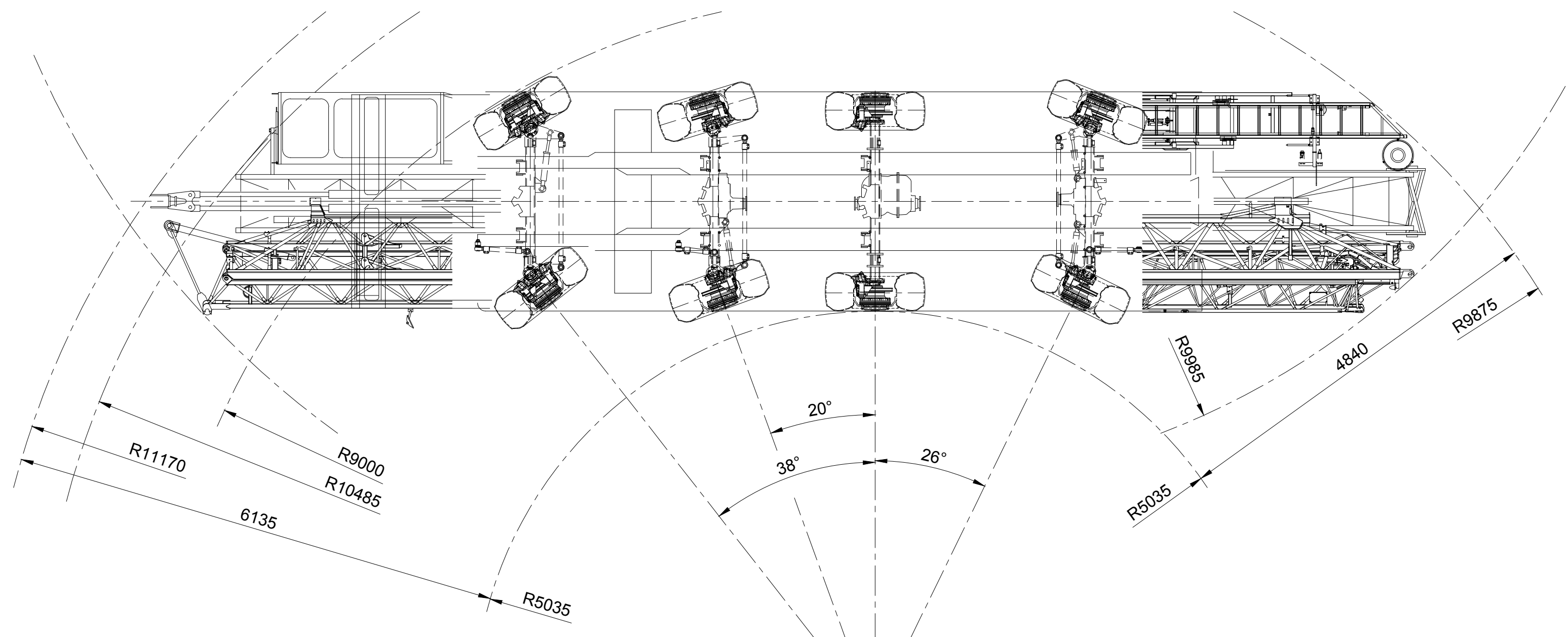
Operation allowed up to wind force 7 Bf (14 m/sec).  
The crane should be folded in at wind force 9 Bf (21 m/sec)  
or when not in use for a longer period  
Counterweight crane: 8855 kg.  
Max. outrigger force: 360 kN.

Serial number:

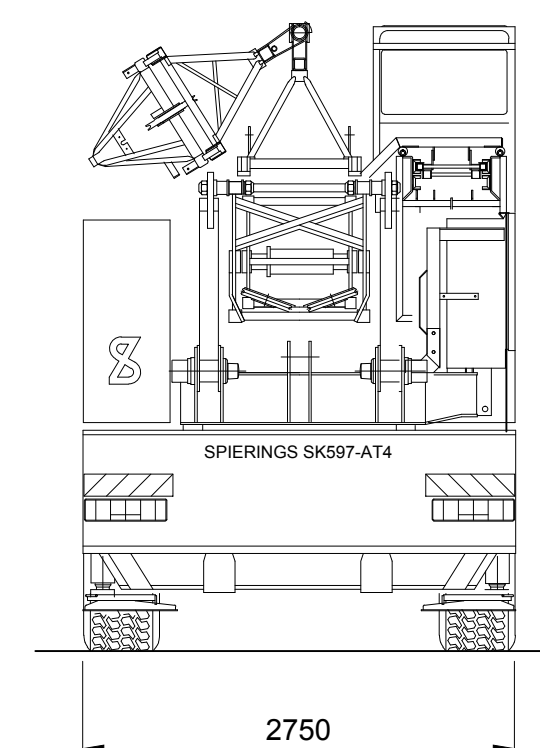
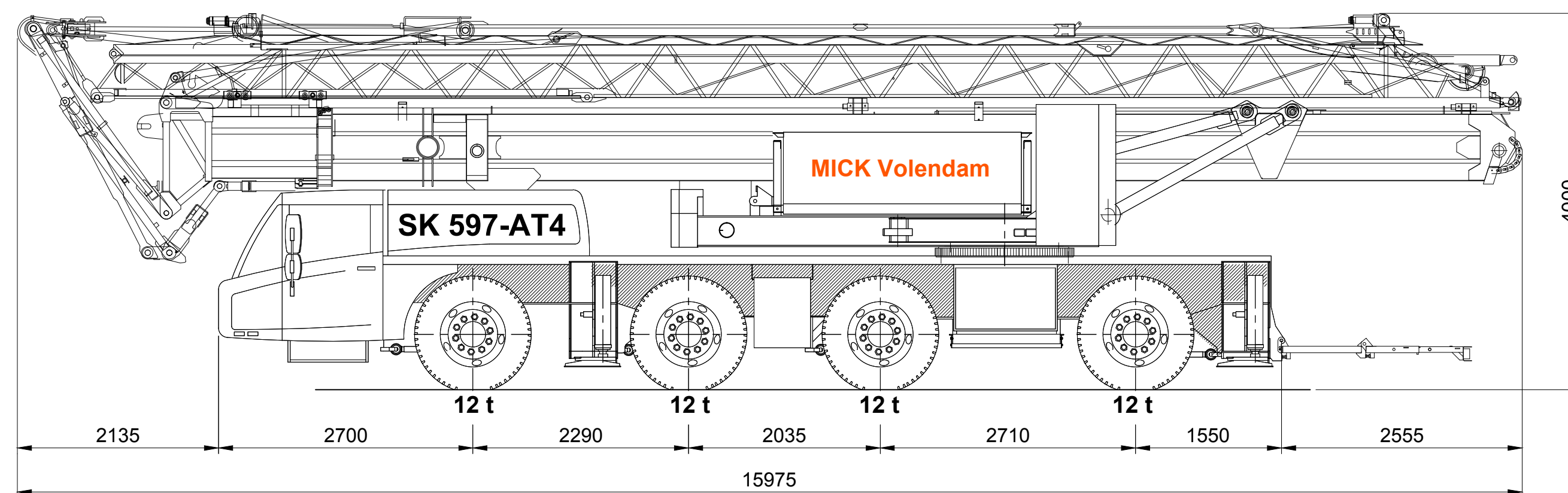
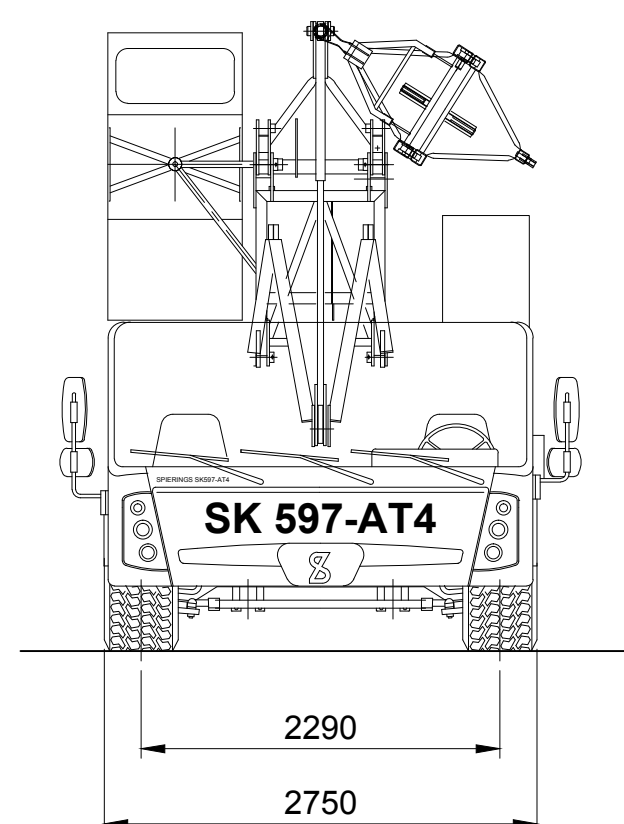
Year of construction: **2018**

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





2018



# SPIERINGS HYDRAULIC FOLDING CRANE

SK597 - AT4

MICK VOLENDAM

**SPIERINGS**  
MOBILE CRANES

Overall weight: 48000 kg

Specifications subject to modifications



**SPIERINGS**  
**HYDRAULIC FOLDING CRANE**  
**SK 597 - AT4**

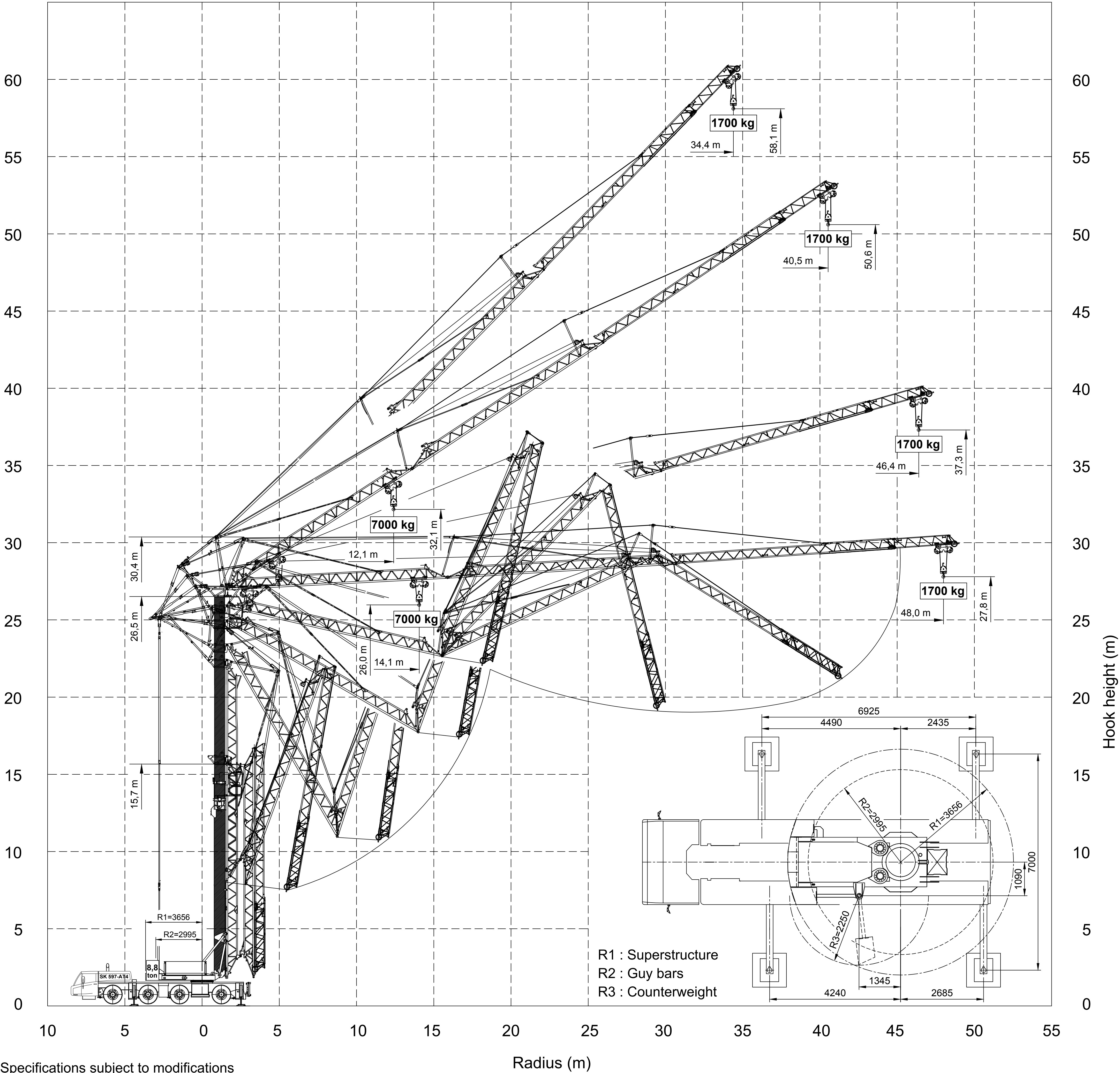
**Erection procedure of the crane**

- Max. outrigger force : 360 kN
- Outrigger support pads : 750x600 mm
- Ground pressure : 0,80 N/mm<sup>2</sup>
- Jib can be unfolded through 360°
- Operating temperature range  
from -15°C till +40°C
- Luffing the jib 30° can be controlled from  
the crane cabin or remote control
- Outrigger support plates : 1100x1100 mm
- Surface : 1,21 m<sup>2</sup>
- Ground pressure : 0,30 N/mm<sup>2</sup>

2018

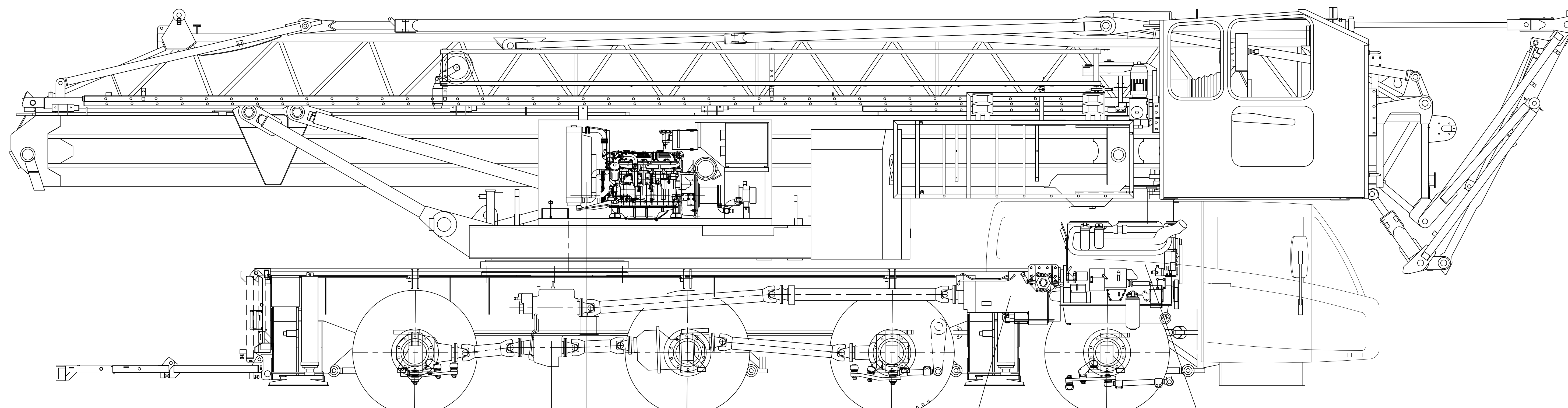


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Specifications subject to modifications





| Axle 4                                                                        | Axle 3                                                                                                                   | Axle 2                                                                    | Axle 1                                                                                                                       |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Transfer box:<br>STEYR VG2001/396<br>Road gear i=0,89<br>Off road gear i=1,54 | Crane diesel engine:<br>John Deere: 4045HFG82<br>Constant speed<br>Power: 103 kW (1500 rpm)<br>Torque: 656 Nm (1500 rpm) | Gearbox:<br>ZF 12AS2531 SO<br>Automatic<br>Dry plate clutch<br>+ intarder | Carrier diesel engine:<br>Euro VI<br>DAF: MX11-291 (10,8 ltr)<br>Power: 291 kW (1700 rpm)<br>Torque: 1900 Nm (1000-1400 rpm) |

|                                |                                               |                                         |                                |
|--------------------------------|-----------------------------------------------|-----------------------------------------|--------------------------------|
| Axle 1 :                       | Steer axle                                    | Tyres                                   | : 445/75 R22,5                 |
| Axle 2 :                       | Steer drive axle (end reduction i=7,29)       | Suspension                              | : Hydro-pneumatic on all axles |
| Axle 3 :                       | Non steered drive axle (end reduction i=7,29) | Stroke suspension cylinder              | : 247 mm                       |
| Axle 4 :                       | Steer drive axle (end reduction i=7,29)       | Max. speed carrier                      | : 83 km/h                      |
| Kessler-axles with disc brakes |                                               | Min. speed carrier (angine at 1000 rpm) | : 1,6 km/h                     |
|                                |                                               | Overall weight                          | : 48.000 kg                    |



Drive train Spierings Folding Crane

SK597-AT4

MICK VOLENDAM

Changes subject to modifications



**SPIERINGS**  
**HYDRAULIC FOLDING CRANE**  
**SK 597 - AT4**

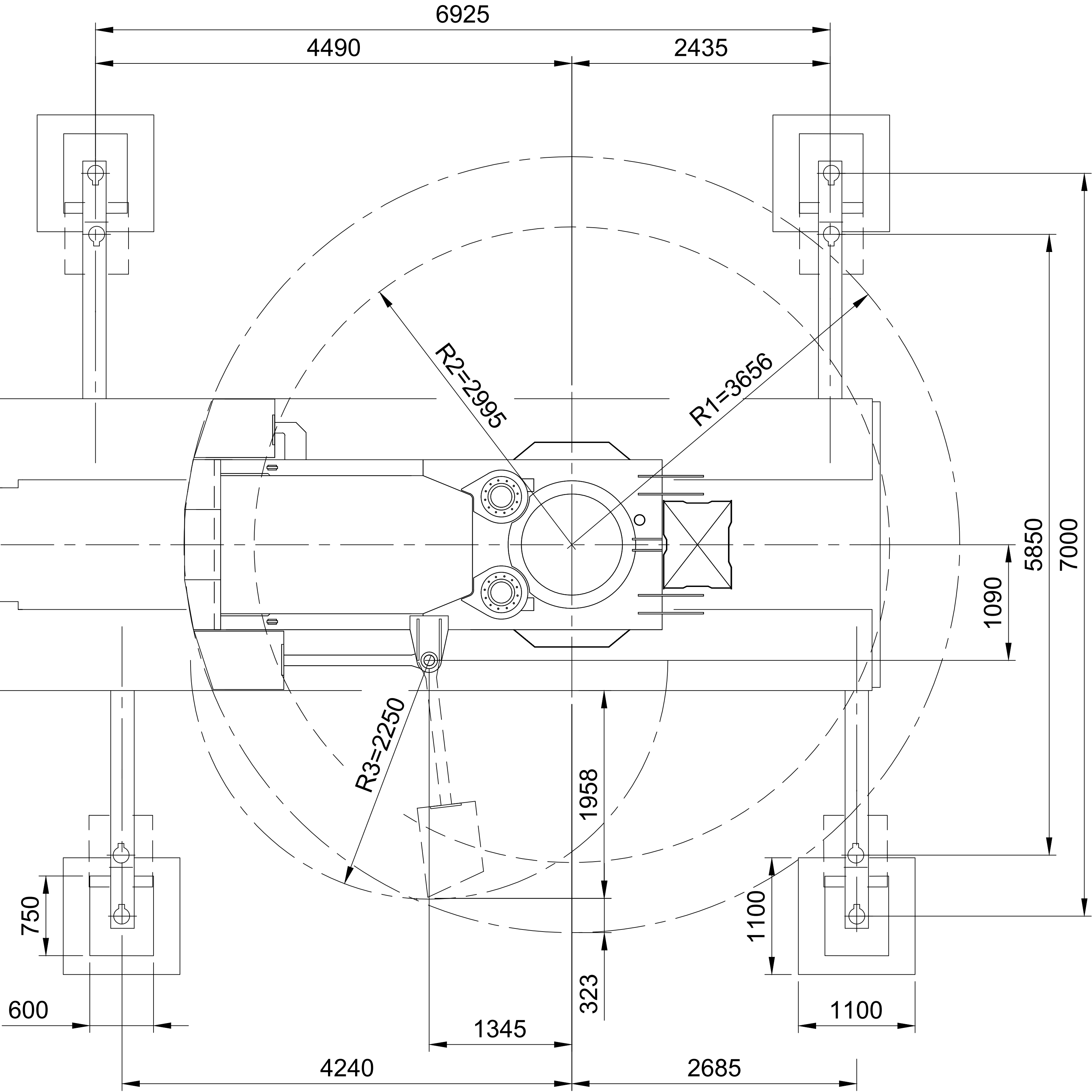
| Outrigger support base   |              |
|--------------------------|--------------|
| Max. outrigger force     | 360 kN       |
| Outrigger support pads   | 750x600 mm   |
| Ground pressure          | 0,80 N/mm²   |
| Outrigger support plates | 1100x1100 mm |
| Surface                  | 1,21 m²      |
| Ground pressure          | 0,30 N/mm²   |

2018



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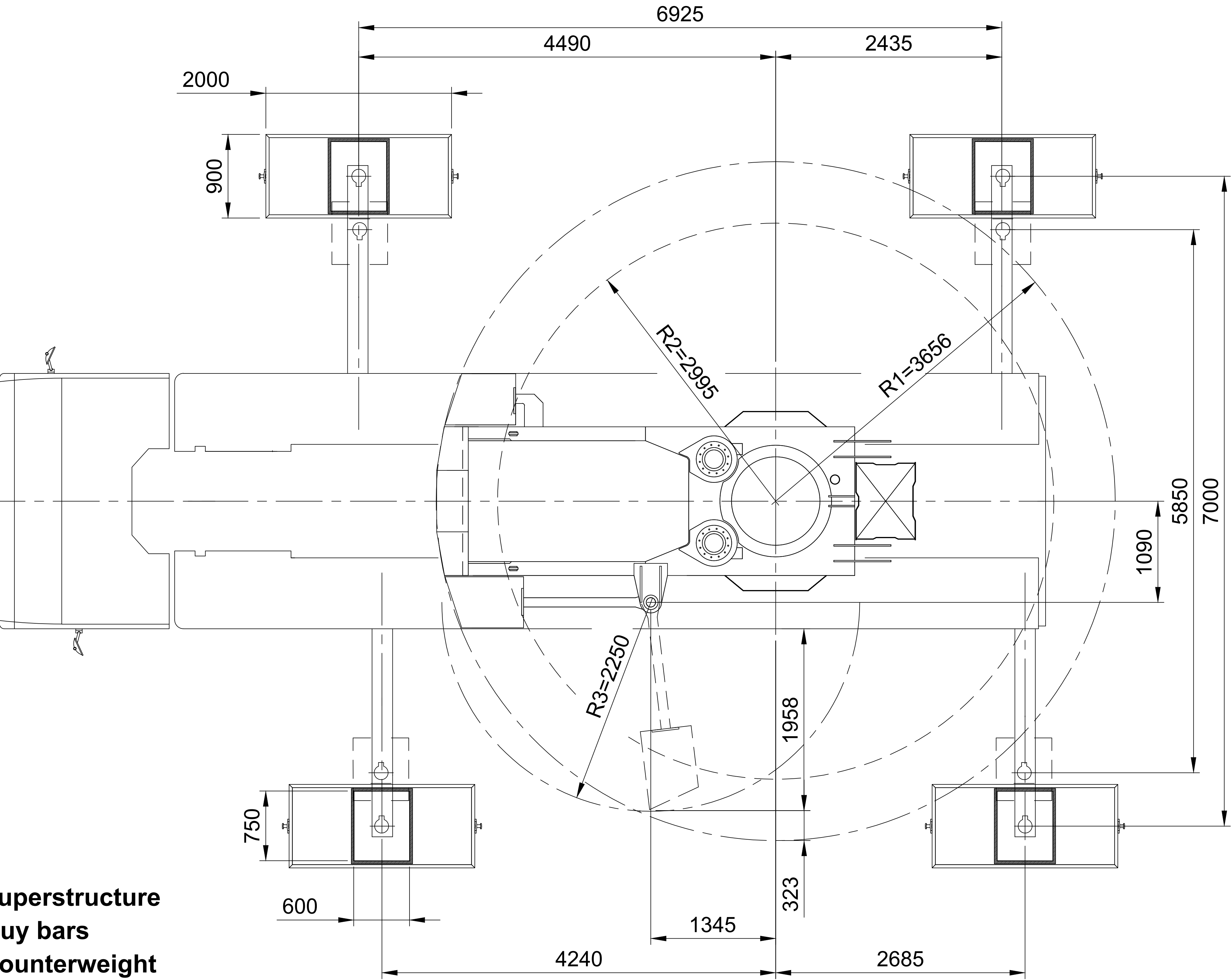
**R1 : Superstructure**  
**R2 : Guy bars**  
**R3 : Counterweight**



Specifications subject to change



**SPIERINGS**  
**HYDRAULIC FOLDING CRANE**  
**SK 597 - AT4**



**R1 : Superstructure**  
**R2 : Guy bars**  
**R3 : Counterweight**

| Outrigger support base   |                        |
|--------------------------|------------------------|
| Max. outrigger force     | 360 kN                 |
| Outrigger support pads   | 750x600 mm             |
| Ground pressure          | 0,80 N/mm <sup>2</sup> |
| Outrigger support plates | 2000x900 mm            |
| Surface                  | 1,8 m <sup>2</sup>     |
| Ground pressure          | 0,20 N/mm <sup>2</sup> |

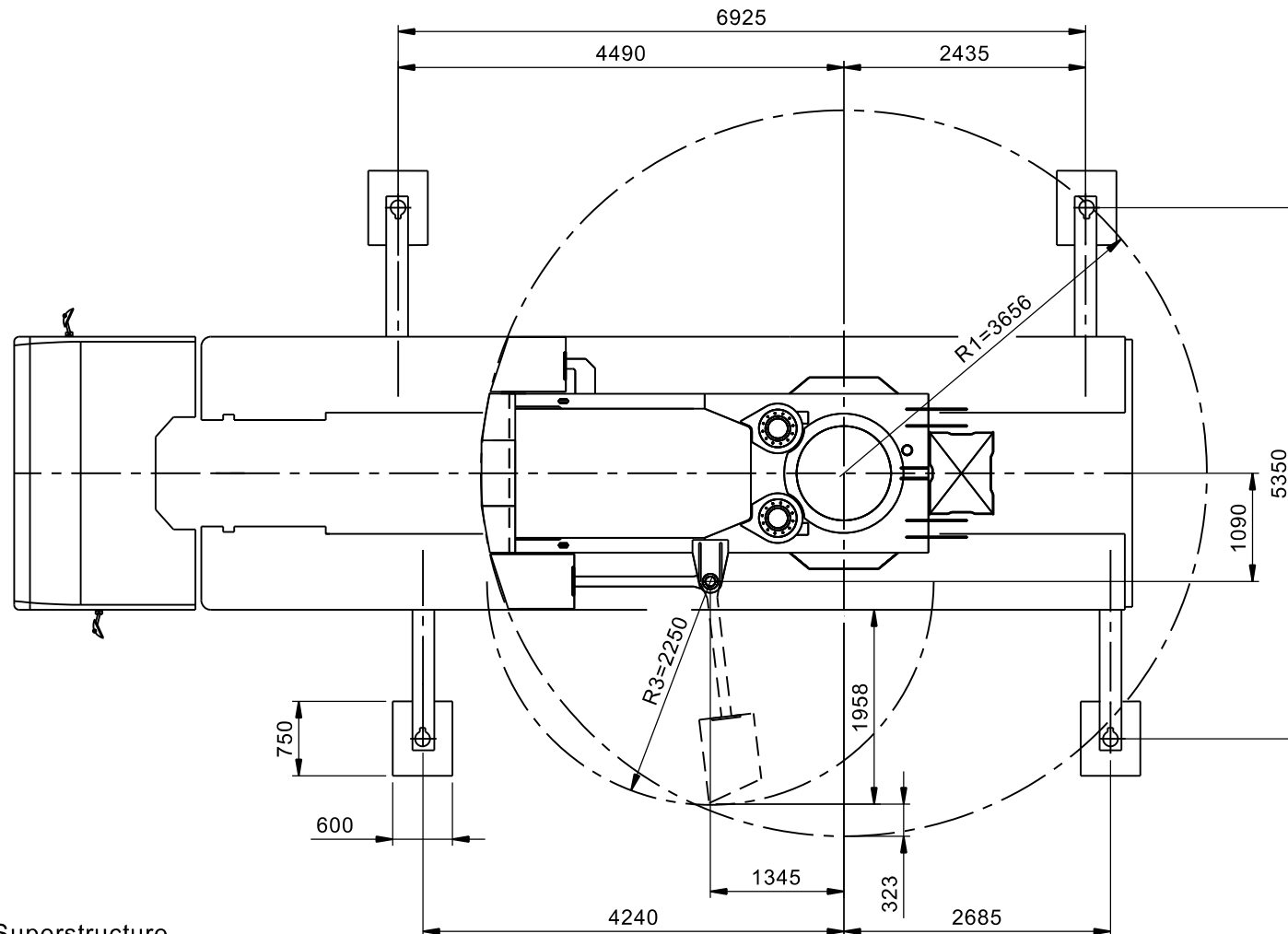
2018

**SPIERINGS**  
MOBILE CRANES

**MICK VOLENDAM**

SPIERINGS  
HYDRAULIC FOLDING CRANE  
SK 597 - AT4

Outrigger support base  
Outrigger width 5350 only to be used if  
crane is not fully erected.



R1 : Superstructure  
R3 : Counterweight

**MICK Volendam**