



Merwedestraat 15, Oss Holland

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.

Make: **SPIERINGS**

Type: **SK597-AT4**



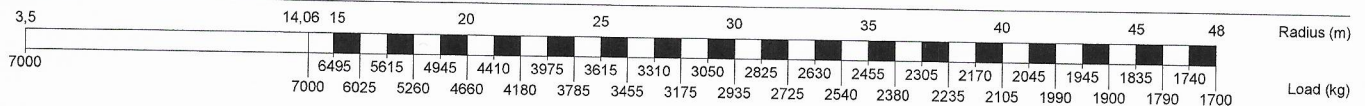
Serial number:

Year of construction: **2018**

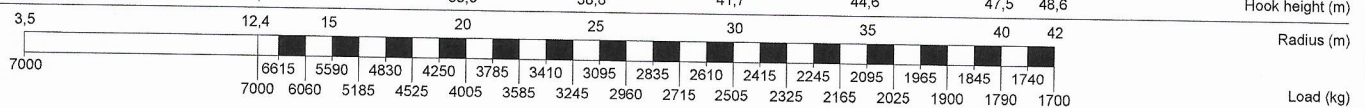
Lifting chart outrigger support base 6,925 m x 7,0 m

Jib horizontal

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



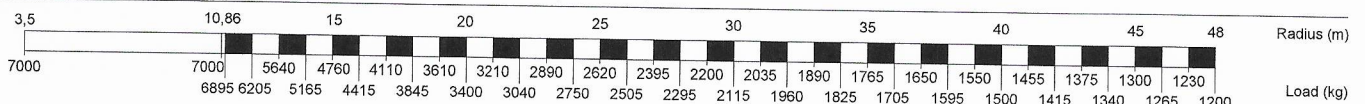
Jib 30° luffed



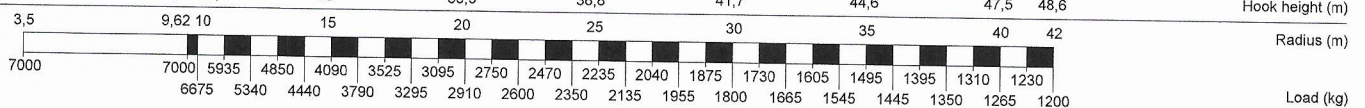
Lifting chart outrigger support base 6,925 m x 5,85 m

Jib horizontal

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



Jib 30° luffed



Specifications subject to modifications

84-00597101

SPIERINGS
MOBILE CRANES

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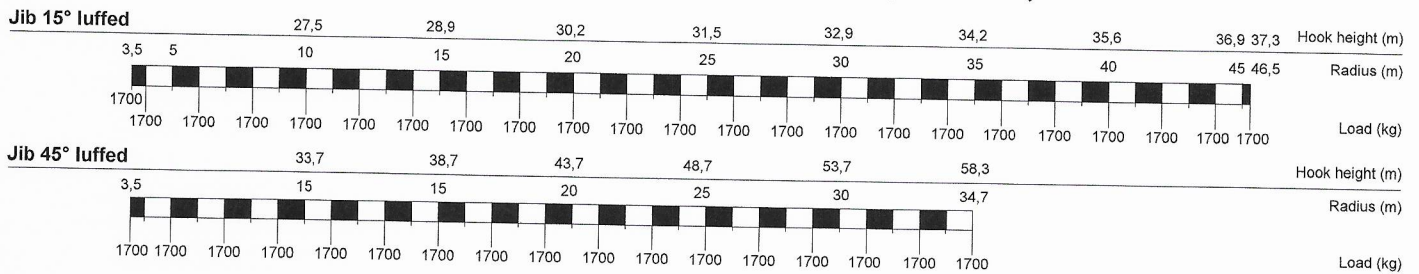
Type: **SK597-AT4**



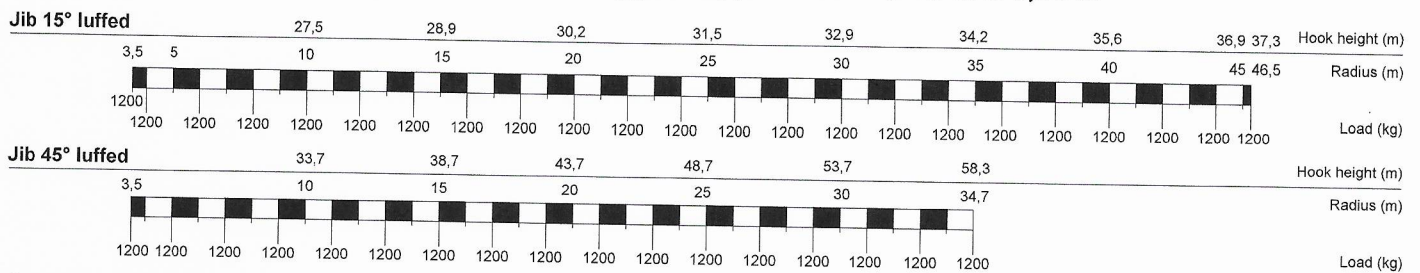
Serial number:

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

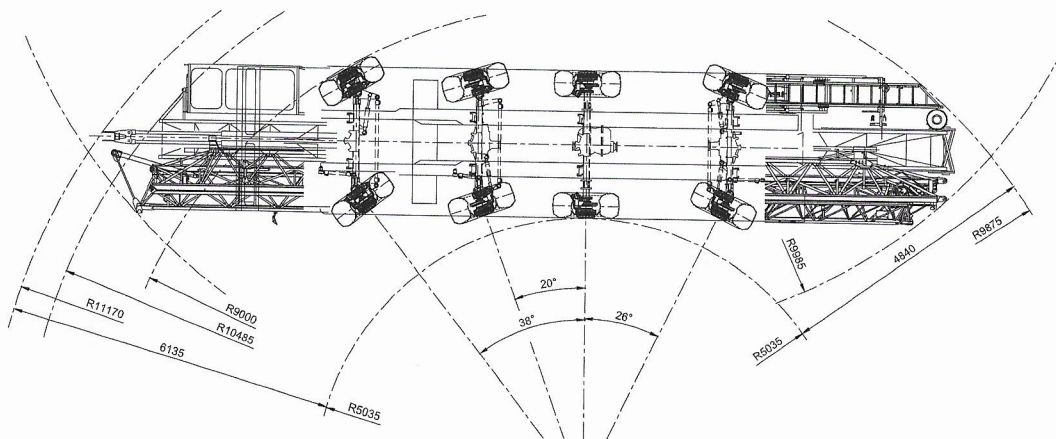


Lifting chart outrigger support base 6,925 m x 5,85 m

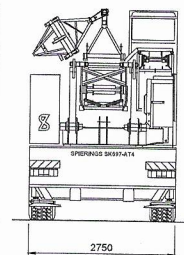
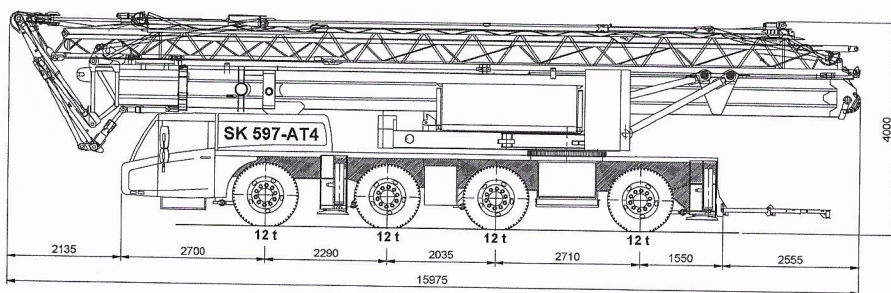
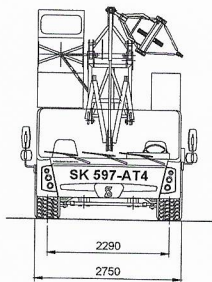


Specifications subject to modifications

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2018



SPIERINGS HYDRAULIC FOLDING CRANE

SK597 - AT4

Overall weight: 48000 kg

Specifications subject to modifications

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MOBILE CRANES

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www.spierscranes.com
84-00597102

SPIERINGS HYDRAULIC FOLDING CRANE SK 597 - AT4

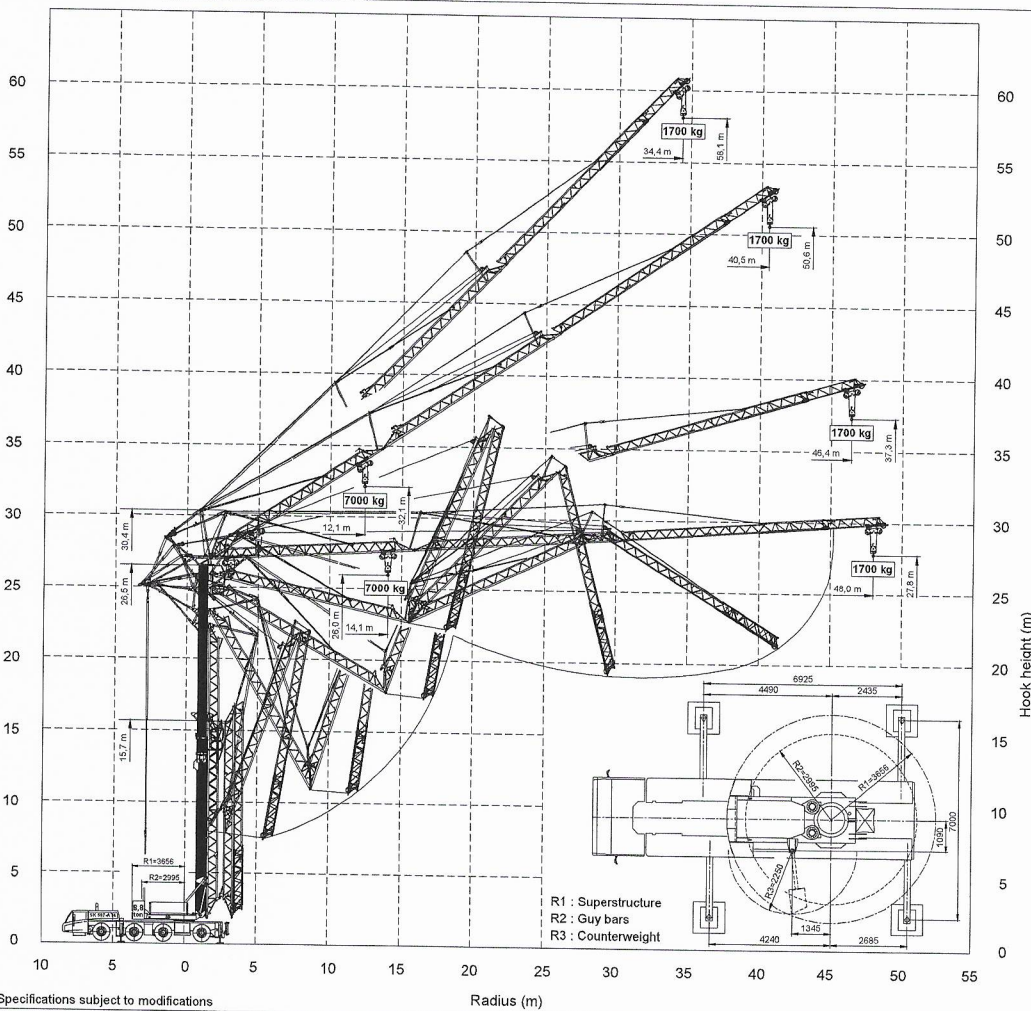
Erection procedure of the crane

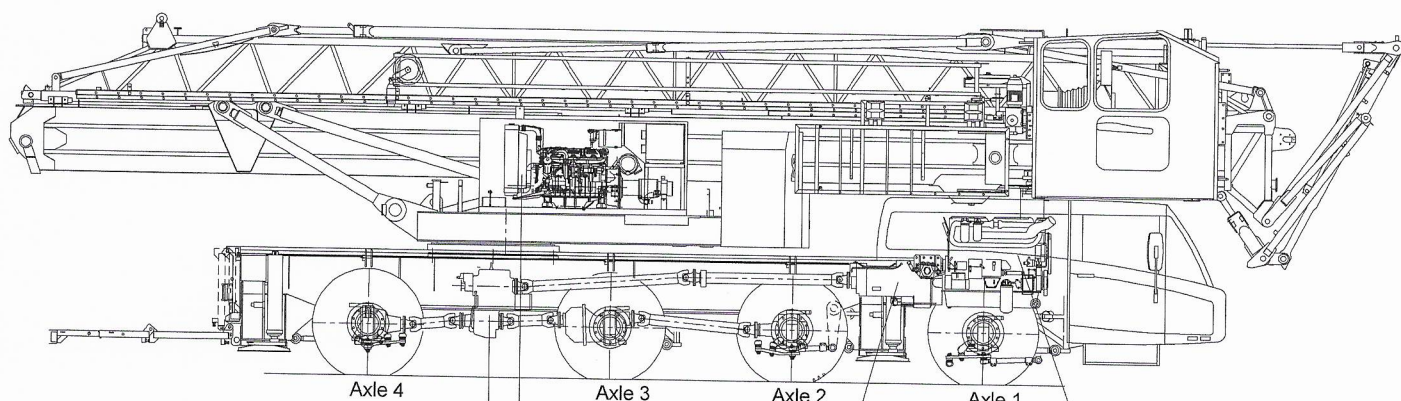
Max. outrigger force : 360 kN
 Outrigger support pads : 750x600 mm
 Ground pressure : 0,80 N/mm²
 Jib can be unfolded through 360°
 Operating temperature range
 from -15°C till +40°C
 Luffing the jib 30° can be controlled from
 the crane cabin or remote control
 Outrigger support plates : 1100x1100 mm
 Surface : 1,21 m²
 Ground pressure : 0,30 N/mm²

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

Crane diesel engine:
John Deere: 4045HFG82
Constant speed
Power: 103 kW (1500 rpm)
Torque: 656 Nm (1500 rpm)

Gearbox:
ZF 12AS2531 SO
Automatic
Dry plate clutch
+ interarder

Carrier diesel engine:
Euro VI
DAF: MX11-291 (10,8 ltr)
Power: 291 kW (1700 rpm)
Torque: 1900 Nm (1000-1400 rpm)

Axle 1 : Steer axle

Axle 2 : Steer drive axle (end reduction $i=7,29$)

Axle 3 : Non steered drive axle (end reduction $i=7,29$)

Axle 4 : Steer drive axle (end reduction $i=7,29$)

Kessler-axles with disc brakes

Tyres

Suspension

Stroke suspension cylinder

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

: 1,6 km/h

: 48.000 kg

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Drive train Spierings Folding Crane SK597-AT4

Changes subject to modifications

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HYDRAULIC FOLDING CRANE
SK 597 - AT4

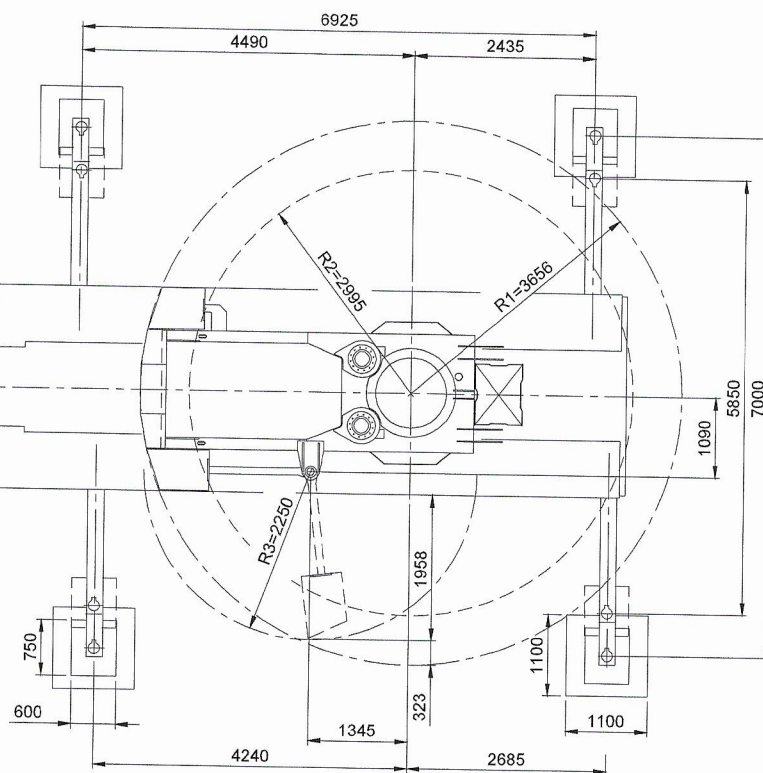
Outrigger support base	
Max. outrigger force	360 kN
Outrigger support pads	750x600 mm
Ground pressure	0,80 N/mm ²
Outrigger support plates	1100x1100 mm
Surface	1,21 m ²
Ground pressure	0,30 N/mm ²

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R1 : Superstructure
R2 : Guy bars
R3 : Counterweight



Specifications subject to change

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HYDRAULIC FOLDING CRANE
SK 597 - AT4

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

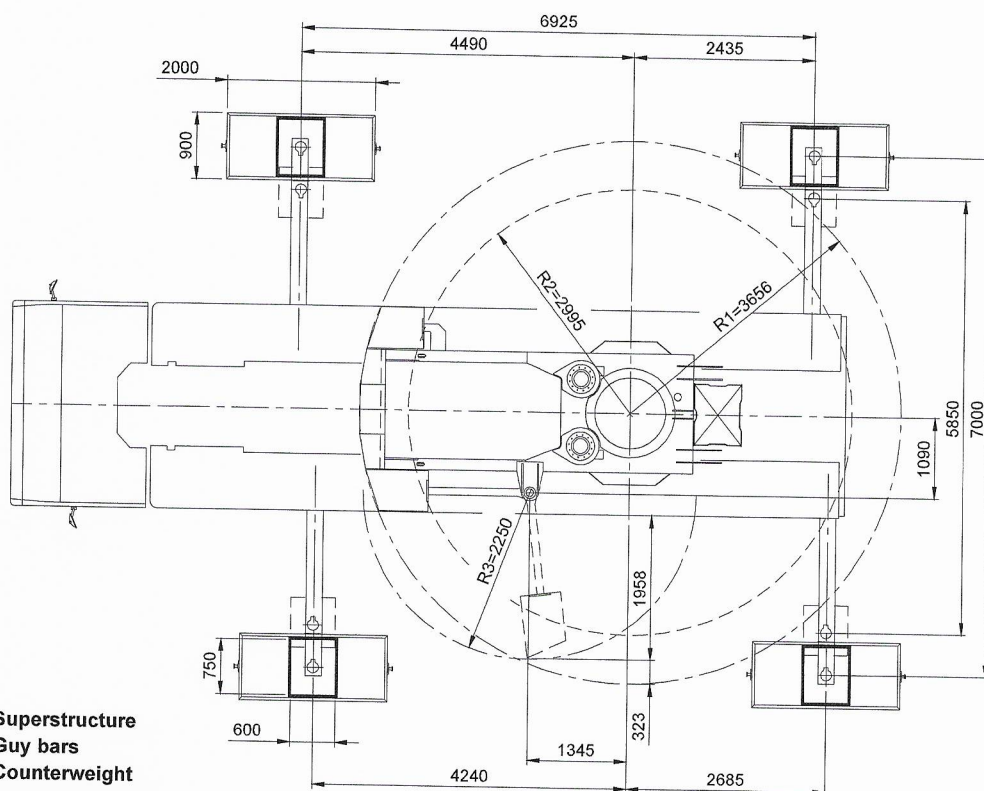
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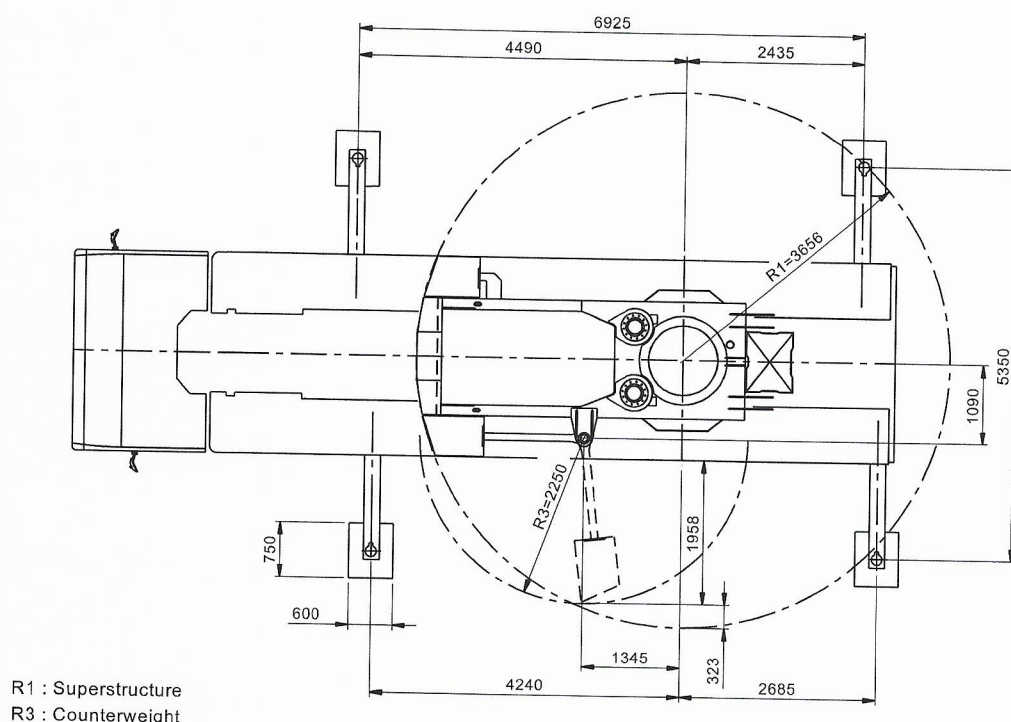
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HYDRAULIC FOLDING CRANE
SK 597 - AT4

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

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