SPIERINGS
MOBILE CRANES

Make: SPIERINGS **Type:** SK498-AT4

Crane specification

Serial Number: 498042

Year of Construction: 2009

Crane group	: 3 as per NEN 2018	Max. load	Max. radius with max. load	Max. capacity	Max. jib length
Loadspectrum	: 2 as per NEN 2018				
Classification	: A as per NEN 2018				
Stability	: as per NEN 2022	8,0 ton	12,85 m	103 tm	44 m

Speed — Jib horizontal / jib 30° luffed

m/min	kg	
18	8000	0 - 70 m/min
27	4000	
40	2000	0-0,9 rpm
60	0	

All motions with hydraulic proportional controls.
Luffing the jib 30° can be controlled from crane cab or by remote control.
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: 9500 kg.
Continues slewing (360°) with outriggers out and support pads down.
Crane can be driven in its erected position under special conditions (refer user guide).

Rated lift capacity is net capacity.
Always two parts of line.
Max. line pull force: 4000 kg.
Operating temperature range from: -15°C till + 40°C.
Sail area of the load max.: 1,0 m²/ ton.

Outrigger positioned according to lifting chart
Outrigger support base : 6,925 m x 6,85 m.
Operation allowed up to wind force 8 Bf (17 m/sec).
Outrigger support base : 6,925 m x 5,15 m.
Operation allowed up to wind force 8 Bf (17 m/sec).
Max. outrigger force: 360 kN.

LIFTING CHART outrigger support base 6,925 m x 6,85 m

up to wind force 8 on the Beaufort scale (17 m/sec)

Jib horizontal — Hook height 25,3 m (height under the jib 27,3 m)

Radius (m)	3,5	12,85	15	20	25	30	35	40	44
Load (kg)	8000	7890	6665	5760	5065	4510	4060	3690	3375	3105	2875	2670	2495	2335	2195	2070	1955
		8000	7225	6180	5390	4770	4275	3865	3525	3235	2985	2770	2580	2410	2265	2130	2010	1900

Jib 30° luffed

Hook height (m)	30,9	33	35,9	38,8	41,7	44,6	46,5
Radius (m)	3,5	11,34	15	20	25	30	35	38,3
Load (kg)	8000	8000	6790	5730	4950	4345	3865	3475	3155	2880	2650	2450	2275	2120	1985	1900
		7475	6220	5315	4630	4090	3660	3310	3010	2760	2545	2360	2195	2050	1920	

LIFTING CHART outrigger support base 6,925 m x 5,15 m

up to wind force 8 on the Beaufort scale (17 m/sec)

Jib horizontal — Hook height 25,3 m (height under the jib 27,3 m)

Radius (m)	3,5	9,27	10	15	20	25	30	35	40	44
Load (kg)	8000	8000	6470	5285	4450	3830	3355	2980	2675	2420	2205	2020	1865	1725	1605	1495	1400	1315	1235
		7280	5820	4830	4120	3580	3160	2820	2540	2310	2110	1940	1795	1665	1550	1450	1355	1275	1200

Jib 30° luffed

Hook height (m)	29,1	30,1	33	35,9	38,8	41,7	44,6	46,5
Radius (m)	3,5	8,24	10	15	20	25	30	35	38,3
Load (kg)	8000	7150	5565	4535	3815	3280	2865	2540	2275	2055	1870	1710	1575	1455	1350	1255	1200
		8000	6265	5000	4145	3525	3060	2695	2400	2160	1960	1785	1640	1510	1400	1300	1215

Specifications subject to change

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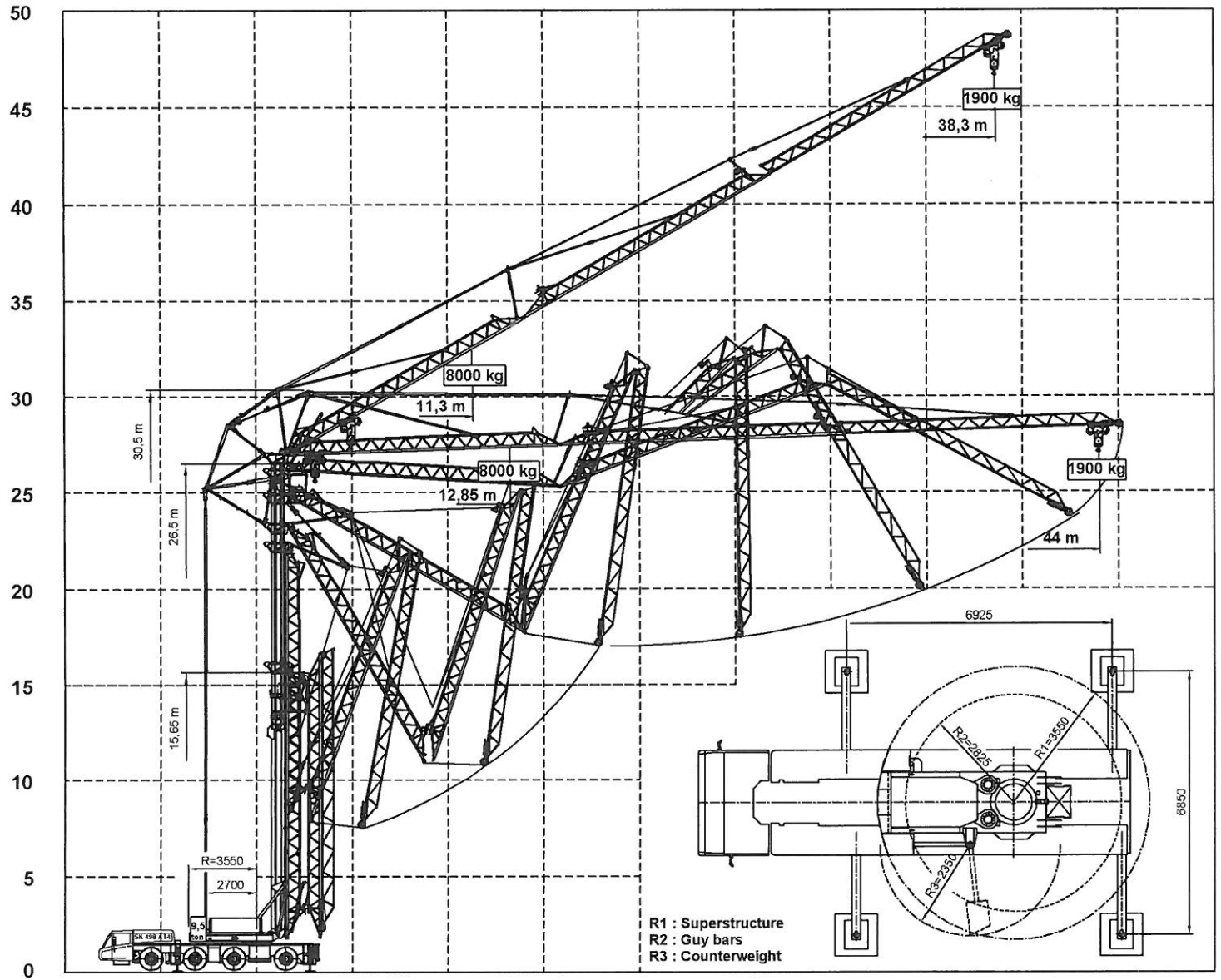
SPIERINGS
HYDRAULIC FOLDING CRANE
SK498-AT4

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°
Luffing the jib 30° can be controlled from the crane cab or remote control

Outrigger support plates : 1100x1100 mm
surface : 1,21 m²
Ground pressure : 0,30 N/mm²

Specifications subject to change

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Merwedestraat 15
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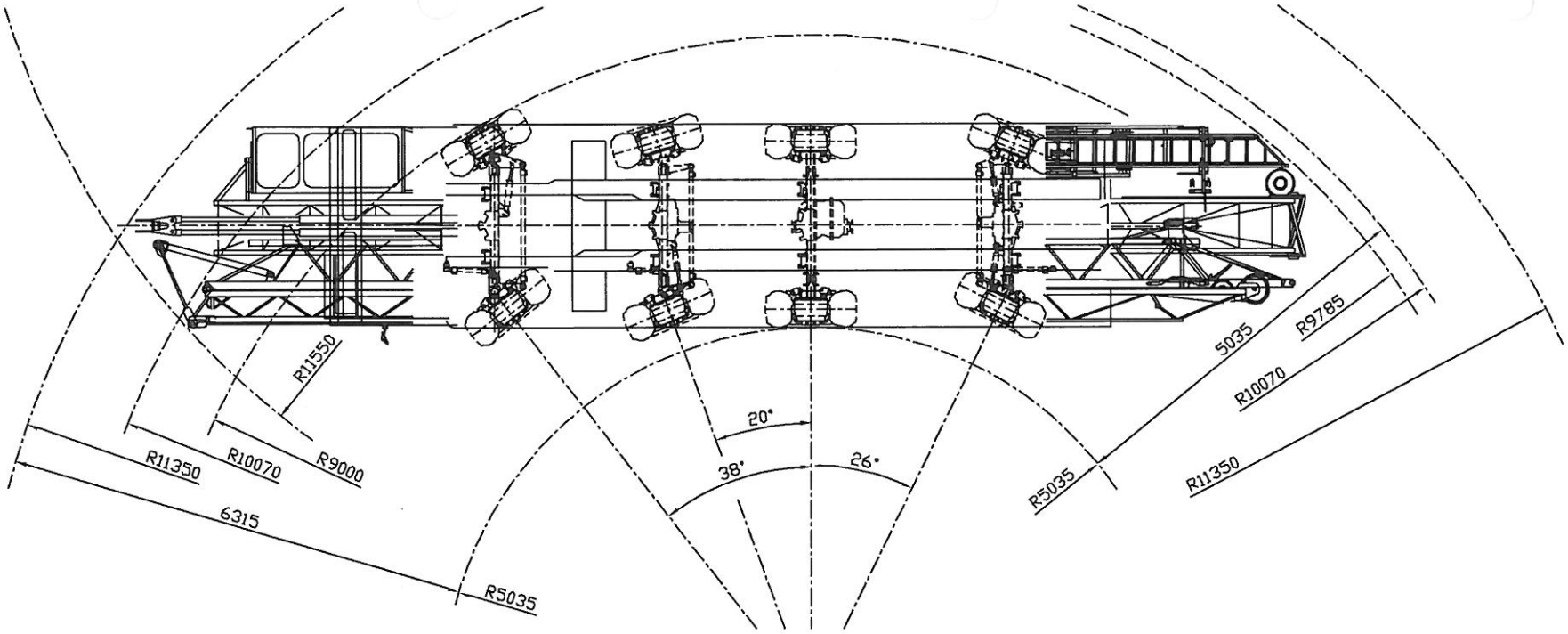
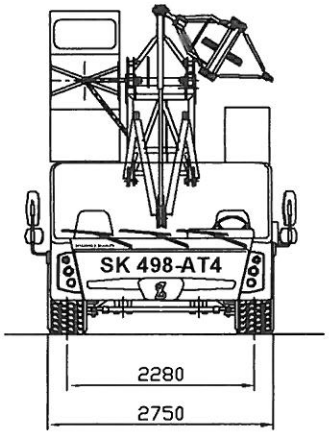
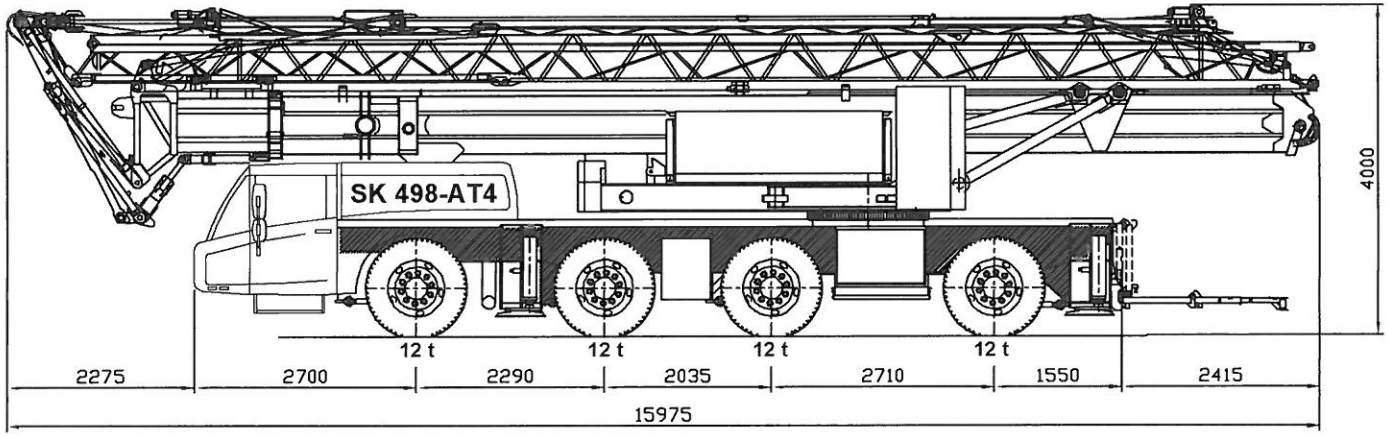
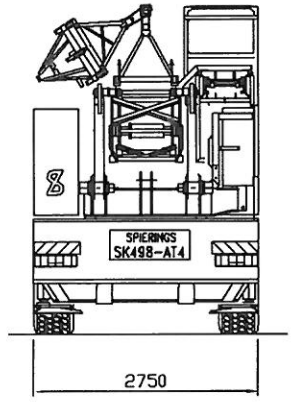
www.spieringscranes.com









SPIERINGS HYDRAULIC FOLDING CRANE

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Overall weight: 48000 kg

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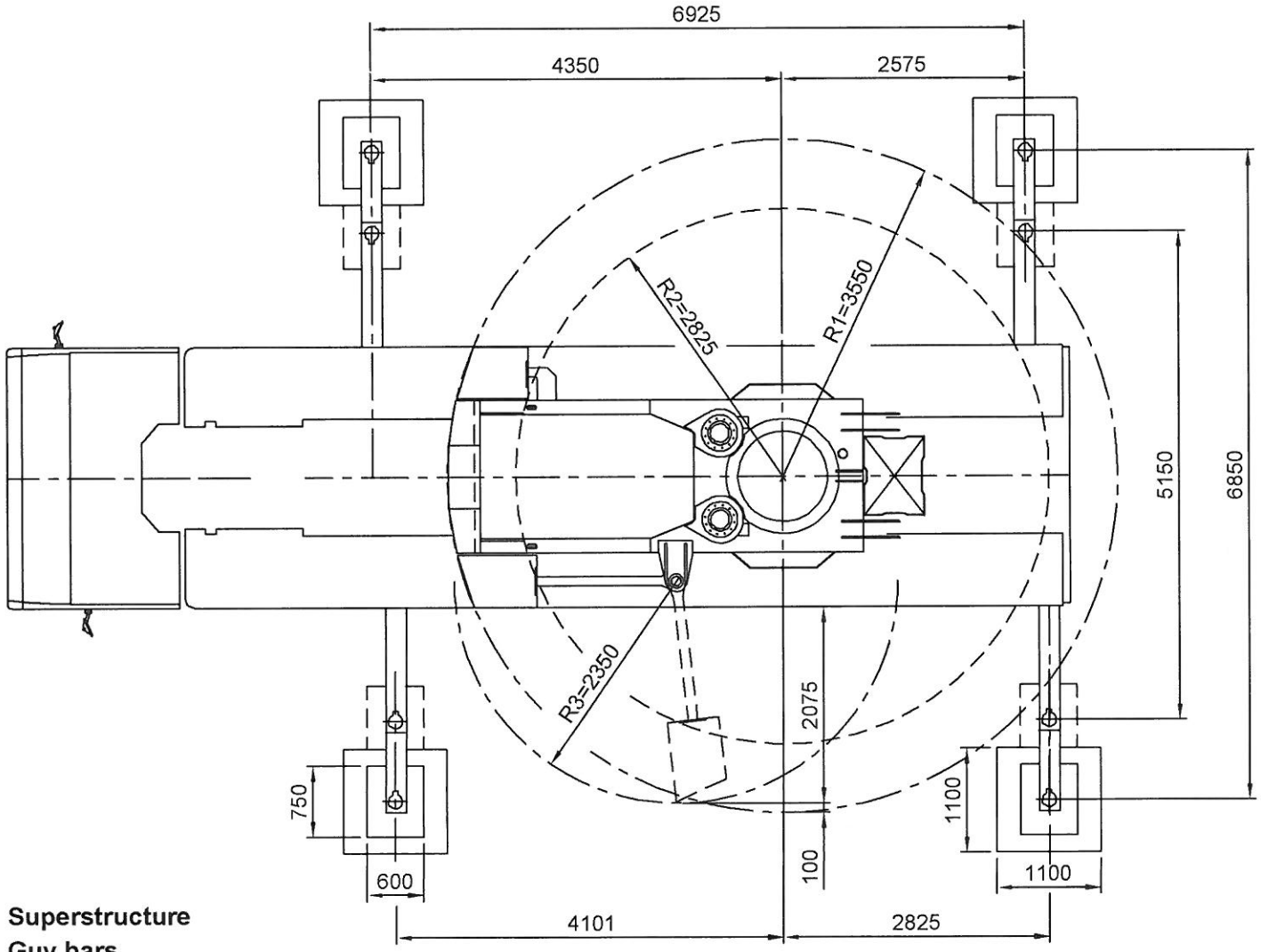

Overzicht afstempeling	
Max. outrigger force	360 kN
Outrigger support pads	750x600 mm
Ground pressure	0,80 N/mm²
Outrigger support plates	1100x1100 mm
Surface	1,21 m²
Ground pressure	0,30 N/mm²

R1 : Superstructure
R2 : Guy bars
R3 : Counterweight

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