



AGD Equipment Limited

SALES • RENTAL • SERVICE • PARTS

MINI CRANES

CRAWLER CRANES

TELESCOPIC CRANES

**PILING RIGS
AND EQUIPMENT**

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Sennebogen 6103E Specification

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SENEBOGEN

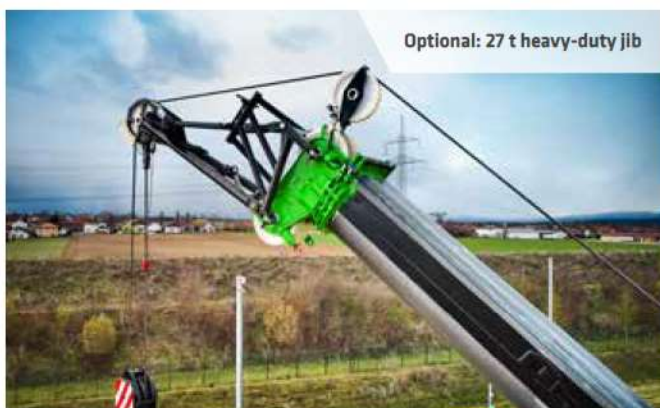


100 t TELESCOPIC CRAWLER CRANE

 186 kW /  100 t /  46.8 m + 15 m /  **MAX CAB**

Stage V

TECHNICAL DATA, EQUIPMENT



EQUIPMENT

BOOM	5-section telescopic boom made from high-strength fine-grain steel, consisting of a basic boom and 4 telescopic sections, 1 telescopic cylinder, can be hydraulically telescoped under partial load. Length: 12.5 m to 46.8 m; tipping from 0-80° in 50 seconds; complete telescoping in 420 seconds.
CRANE SAFETY	Latest generation of load moment monitoring with event recorder, clear operations panel showing all important data via the SENCON display, lifting limit switch, cable exit protection, pressure relief valves and pipe fracture protection SENtrack telemetry system
CYLINDERS	Hydraulic cylinders with high-quality sealing and guide elements
OPTIONS	8 m fly jib, load capacity 15 t at 0°, tiltable (0°, 20°, 40°), can be set up without additional equipment, can be bolted to basic boom when not in use Fly jib extension to 15 m, 7 m extension, load capacity 5.9 t, tiltable (0°, 20°, 40°), can be bolted to basic boom when not in use Auxiliary jib: 9 t load capacity, 1-strand 27 t heavy-duty jib Electro-hydraulic emergency unit Radio remote control Programmable working limit Additional load charts accepted for 4° incline position

TECHNICAL DATA, EQUIPMENT

UNDERCARRIAGE



DESIGN	Crawler undercarriage T107/419 with removable traveling tracks
DRIVE	Travel drive with axial piston hydraulic engine, directly attached automatically functioning brake valve and compact planetary gears on each running gear side
PARKING BRAKE	Spring-loaded multi-disk brake
TRAVELING GEAR	Maintenance-free tractor traveling gear with hydraulic track tension. Crawler carrier with 800 mm triple grouser shoes
SPEED	0 – 2.5 km/h
OPTIONS	Multi Base: Asymmetric track width adjustment Track shoes in the following equipment: - 800 mm flat track shoes - 900 mm triple grouser shoes - 900 mm flat track shoes

OPERATING WEIGHT



MASS	approx. 107,000 kg with telescopic boom 46.8 m, 15 m fly jib, 63 t hook, triple grouser shoes 800 mm, 2 hoist winches, with hydraulic telescoping undercarriage, 28.2 t rear ballast, 17 t undercarriage ballast
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NOTE	Operating weight varies by model and equipment. Subject to technical changes.
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WINCH



The winches are driven via high-pressure-regulated adjustable hydraulic engines, so there is always optimal pulling force speed control. Hydraulic lowering brake valves for sensitive, wear-free braking. Strong oil bath planetary gears, low-maintenance. Holding brakes spring-loaded, maintenance-free, low-wear, designed as multiple disc brakes running in oil bath, oil-cooled

100 kN tensile force (3rd position), cable speed 0-125 m/min., cable diameter 22 mm, max. cable length 205 m

SAFETY BRAKE Spring-loaded multi-disk brake

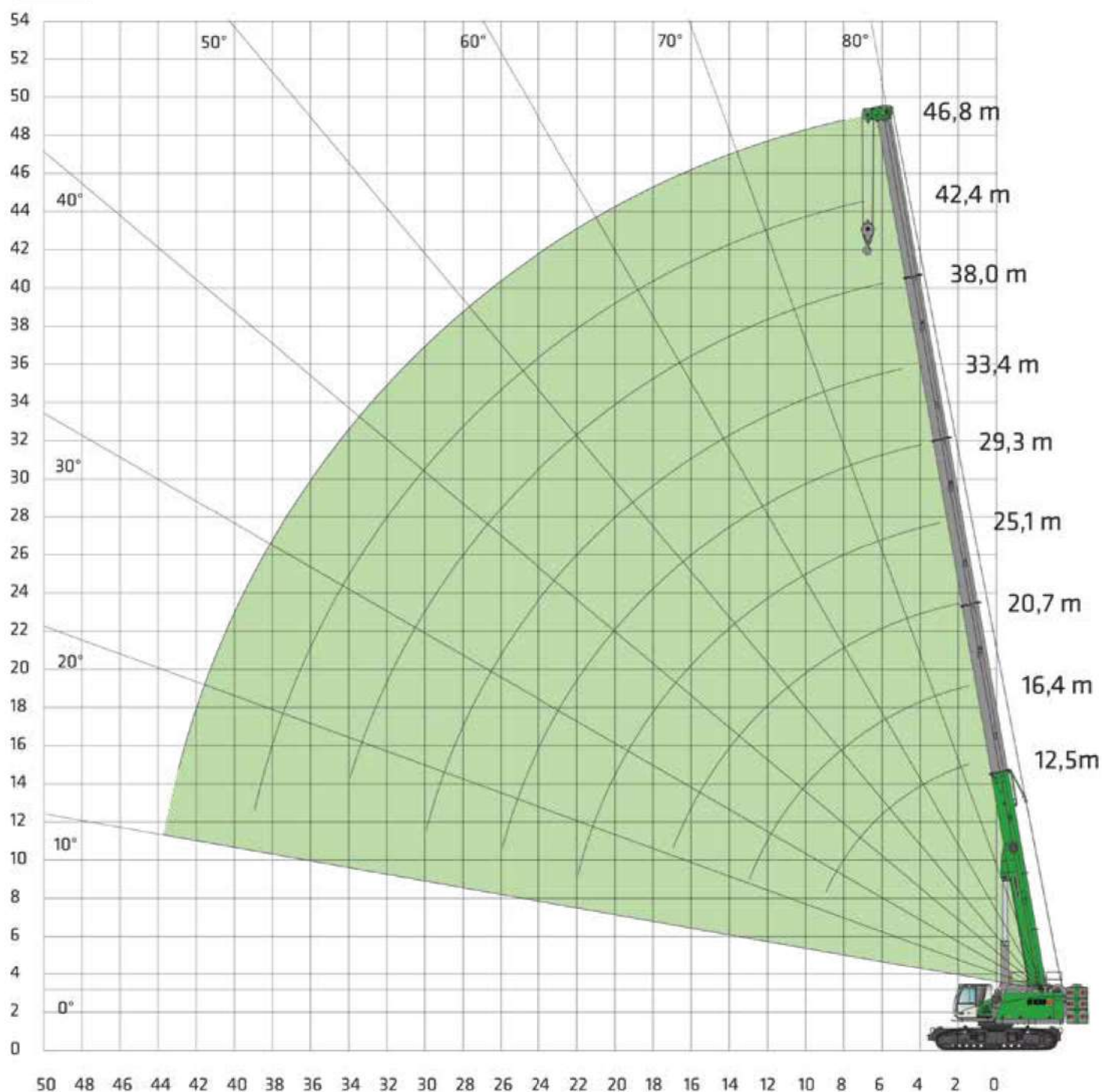
OPTIONS 2nd winch: 100 kN tensile force (3rd position), cable speed 0-125 m/min., cable diameter 22 mm, max. cable length 205 m



CRANE EQUIPMENT



MAIN BOOM
HA 46.8 m



LOAD RATINGS



MAIN BOOM
HA 46.8 m



BALLAST
28.2 t



TRACK WIDTH
4.2 m



MAX. INCLINATION
0.6 °



UNDERCARRIAGE BALLAST
17.0 T

BOOM LENGTH [m]

RADIUS [m]	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5	100.0	65.0	61.5						
3.0	97.0	65.0	60.0	54.0					
4.0	85.0	65.0	58.0	50.0	40.5				
5.0	75.0	63.0	54.6	46.5	38.0	30.4			
6.0	65.0	58.9	50.2	43.5	35.7	28.7	23.0		
7.0	51.5	52.6	46.5	40.5	33.7	27.0	21.5	15.5	
8.0	41.5	42.8	42.9	38.0	31.8	25.5	20.1	15.5	12.0
9.0	35.0	35.9	36.0	34.7	30.1	24.5	18.9	15.2	12.0
10.0		31.3	31.6	30.2	28.0	23.3	17.9	14.8	12.0
12.0		24.1	24.3	23.8	22.5	20.7	16.0	13.4	11.8
14.0		18.6	19.7	19.4	18.4	17.0	14.4	12.0	11.2
16.0			16.0	16.0	15.4	14.0	12.5	10.9	10.6
18.0			12.8	13.4	13.2	11.9	10.7	9.9	9.7
20.0				11.8	11.4	10.2	9.3	9.0	9.0
22.0				10.7	9.8	9.4	8.4	8.0	8.3
24.0					9.0	8.7	7.6	7.0	7.7
26.0					7.9	8.0	7.0	6.2	7.1
28.0						7.1	6.4	5.6	6.5
30.0						6.3	5.9	5.1	5.7
32.0							5.5	4.6	5.0
34.0							5.0	4.3	4.4
36.0								4.0	3.8
38.0								3.7	3.3
40.0									2.9
42.0									2.4
Number of falls	12	8	8	8	6	4	4	2	2

Tab.no.: 6103R-75_270_28.2+17.0_03.21_HA_0.6°

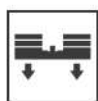
Notes:

- Load ratings are given in tonnes.
- The weight of the load handling equipment (hooks, suspension gear) should be deducted from the load capacities.
- The load ratings apply for the bolted boom.
- Load capacities must be limited or reduced in adverse conditions such as soft or uneven ground, slopes, wind, side loads, swinging loads, jolts or sudden stopping of loads, personnel and operators not experienced in handling loads.
- Permissible cable pull per strand in crane mode for cable diameter 22 mm - 9,000 kg.
- The load ratings and boom lengths given are for reference only. Please refer to the charts in the operating instructions for the relevant applicable load ratings and boom lengths.
- Load charts for inclines > 1.5° should be requested separately.
- The specifications on p. 20 for the reduction of the load capacity with the 15 m fly jib folded to the side apply to all HA charts. Capacity reductions for other equipment options should be requested separately.

LOAD RATINGS



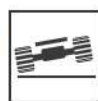
MAIN BOOM
HA 46.8 m



BALLAST
28.2 t



TRACK WIDTH
4.2 m



MAX. INCLINATION
1.5 °



UNDERCARRIAGE BALLAST
17.0 T

RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5	80.0	47.0	39.0						
3.0	75.0	48.3	44.3	39.0					
4.0	65.0	47.0	42.2	36.8	28.9				
5.0	59.0	46.7	39.5	34.5	27.6	22.7			
6.0	55.0	46.0	37.0	32.8	26.4	21.8	17.3		
7.0	50.4	43.2	34.8	31.1	25.2	20.9	16.8	11.7	
8.0	41.0	40.2	32.8	29.5	23.8	20.2	16.2	11.7	8.6
9.0	34.1	35.3	31.0	28.1	22.8	19.4	15.7	11.7	8.6
10.0		30.5	29.1	26.8	21.8	18.7	15.2	11.5	8.6
12.0		23.4	23.2	22.3	20.1	16.4	14.3	10.9	8.6
14.0		17.5	19.1	18.5	17.3	14.7	13.0	10.4	8.5
16.0			15.7	15.1	14.5	12.2	10.9	10.0	8.1
18.0			12.5	13.2	12.4	10.5	9.6	9.0	7.8
20.0				11.3	10.8	9.3	8.4	8.0	7.4
22.0				10.2	9.6	8.4	7.4	6.9	7.1
24.0					8.7	7.7	6.7	6.1	6.7
26.0					7.6	7.1	6.1	5.5	6.3
28.0						6.8	5.7	5.0	6.0
30.0						6.1	5.4	4.5	5.6
32.0							5.0	4.2	4.9
34.0							4.6	3.9	4.2
36.0								3.7	3.7
38.0								3.5	3.2
40.0									2.7
42.0									2.3
Number of falls	10	6	6	6	4	4	2	2	2
The load ratings must be reduced if there's a 15 m fly jib folded to the side of the main boom.									
Load capacity reduction [kg]	719	548	434	358	307	269	236	212	192

Tab.no.: 6103R-75_2170_28.2+17.0_07.20_HA_1.5°

LOAD RATINGS



MAIN BOOM
HA 46.8 m



BALLAST
14.3 t



TRACK WIDTH
4.2 m



MAX. INCLINATION
1.5 °



EN



360°



UNDERCARRIAGE BALLAST
17.0 T

RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5	80.0	47.0	39.0						
3.0	73.0	48.3	44.3	39.0					
4.0	68.8	47.0	42.2	36.8	28.9				
5.0	61.9	46.7	39.5	34.5	27.6	22.7			
6.0	48.6	46.0	37.0	32.8	26.4	21.8	17.3	11.7	
7.0	37.5	38.6	34.8	31.1	25.2	20.9	16.8	11.7	8.6
8.0	30.1	31.7	32.0	29.5	23.8	20.2	16.2	11.7	8.6
9.0	24.9	26.4	26.9	26.4	22.8	19.4	15.7	11.7	8.6
10.0		22.4	23.0	23.0	21.8	18.7	15.2	11.5	8.6
12.0		16.9	17.4	17.4	17.4	16.4	14.3	10.9	8.6
14.0		11.7	13.8	14.4	14.0	13.3	13.0	10.4	8.5
16.0			11.5	11.7	11.6	11.8	10.9	10.0	8.1
18.0			8.5	9.7	10.1	9.8	9.6	9.0	7.8
20.0				8.2	8.4	8.3	8.4	8.0	7.4
22.0				7.0	7.1	7.0	6.9	6.5	7.1
24.0					6.1	6.0	5.9	5.6	5.8
26.0					5.3	5.2	5.1	4.8	5.0
28.0						4.5	4.4	4.1	4.1
30.0						3.8	3.7	3.4	3.4
32.0							3.2	2.8	2.8
34.0							2.7	2.3	2.3
36.0								1.9	1.9
38.0								1.5	1.4
40.0									1.1
42.0									0.8
Number of falls	10	6	6	6	4	4	2	2	2

Tab.no.: 6103R-75_2170_14.3+17.0_09.20_JA_1.5°

CRANE EQUIPMENT

LOAD RATINGS



MAIN BOOM
HA 46.8 m



BALLAST
28.2 t



TRACK WIDTH
3.44 m



MAX. INCLINATION
1.5 °



UNDERCARRIAGE BALLAST
17.0 T

CRANE EQUIPMENT

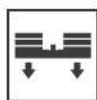
RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5									
3.0									
4.0									
5.0									
6.0	52.1								
7.0	41.1	41.0	34.2						
8.0	33.6	35.1	32.1	27.3					
9.0	28.2	29.6	30.2	25.9	22.8	19.4			8.6
10.0		25.5	26.0	26.0	21.8	18.7		11.5	8.6
12.0		19.6	20.1	20.0	19.7	17.5	14.3	10.9	8.6
14.0		14.1	16.1	16.0	16.5	15.9	13.0	10.4	8.5
16.0			13.2	13.6	13.7	13.2	10.9	10.0	8.1
18.0			10.4	11.6	11.5	11.1	9.6	9.0	7.8
20.0				9.9	9.8	9.4	8.4	8.0	7.4
22.0				8.5	8.4	8.4	7.4	6.9	7.1
24.0					7.8	7.7	6.7	6.1	6.7
26.0					6.6	6.5	6.1	5.5	5.9
28.0						5.7	5.7	5.0	5.1
30.0						5.9	4.9	4.5	4.4
32.0							4.3	4.2	3.7
34.0							3.8	3.4	3.2
36.0								2.9	2.7
38.0								2.5	2.2
40.0									1.8
42.0									1.5
Number of falls	6	6	4	4	4	4	2	2	2

Tab. no.: 6103R-75_1790_28.2+17.0_09.20_HA_1.5°

LOAD RATINGS



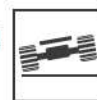
MAIN BOOM
HA 46.8 m



BALLAST
14.3 t



TRACK WIDTH
3.44 m



MAX. INCLINATION
1.5 °



UNDERCARRIAGE BALLAST
17.0 T

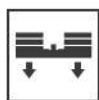
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RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5	80.0	47.0	39.0						
3.0	73.0	48.3	44.3	39.0					
4.0	66.7	47.0	42.2	36.8	28.9				
5.0	49.8	46.7	39.5	34.5	27.6	22.7			
6.0	38.1	38.4	36.5	32.8	26.4	21.8	17.3	11.7	
7.0	29.8	31.3	30.5	28.9	25.2	20.9	16.8	11.7	8.6
8.0	24.1	25.6	25.9	24.6	23.8	20.2	16.2	11.7	8.6
9.0	19.9	21.4	21.9	21.4	20.4	19.4	15.7	11.7	8.6
10.0		18.2	18.7	19.4	17.7	16.7	15.2	11.5	8.6
12.0		13.7	14.6	14.8	14.1	14.8	13.2	10.9	8.6
14.0		9.2	11.5	11.8	11.9	11.7	11.3	10.4	8.5
16.0			9.3	9.5	9.7	9.6	9.2	8.6	8.1
18.0			6.7	7.9	8.0	7.9	7.7	7.0	6.8
20.0				6.6	6.7	6.6	6.4	5.8	5.6
22.0				5.5	5.7	5.6	5.4	4.9	4.7
24.0					4.8	4.7	4.6	4.1	3.9
26.0					4.1	4.0	3.9	3.4	3.2
28.0						3.3	3.2	2.9	2.6
30.0						2.8	2.7	2.3	2.1
32.0							2.2	1.9	1.6
34.0							1.7	1.4	1.2
36.0								1.0	0.8
38.0								0.7	
40.0									
42.0									
Number of falls	10	6	6	6	4	4	2	2	2

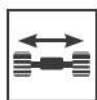
LOAD RATINGS



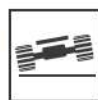
MAIN BOOM
HA 46.8 m



BALLAST
14.3 t



TRACK WIDTH
2.68 m



MAX. INCLINATION
1.5 °



EN



360°



UNDERCARRIAGE BALLAST
17.0 T

CRANE EQUIPMENT

RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5									
3.0									
4.0	49.9	45.9	41.4						
5.0	37.9	36.9	33.8	30.9					
6.0	29.3	29.8	28.5	26.9	24.7	20.5			
7.0	23.1	24.5	23.9	23.4	21.8	20.4	16.8	11.7	8.6
8.0	18.7	20.1	20.8	20.1	18.6	18.4	16.2	11.7	8.6
9.0	15.5	16.9	17.7	17.5	17.0	16.2	15.0	11.7	8.6
10.0		14.4	15.2	15.4	15.0	14.3	13.6	11.5	8.6
12.0		10.8	11.6	11.8	11.8	11.3	10.7	10.0	8.6
14.0		6.8	9.1	9.3	9.4	9.0	8.5	7.9	7.5
16.0			7.3	7.5	7.7	7.3	6.9	6.3	6.0
18.0			4.9	6.1	6.3	6.0	5.6	5.0	4.8
20.0				5.0	5.2	5.0	4.6	4.1	3.9
22.0				4.1	4.3	4.2	3.8	3.3	3.1
24.0					3.5	3.4	3.2	2.6	2.4
26.0					2.9	2.8	2.6	2.1	1.8
28.0						2.2	2.1	1.6	1.3
30.0						1.7	1.6	1.2	0.9
32.0							1.2	0.9	
34.0							0.8	0.5	
36.0									
38.0									
40.0									
42.0									
Number of falls	6	6	6	4	4	4	2	2	2

Tab. no.: 6103R-75_1410_14.3+17.0_09.20_HA_1.5°



MAIN BOOM
HA 46.8 m



BALLAST
0.0 t



TRACK WIDTH
3.44 m



MAX. INCLINATION
1.5 °



UNDERCARRIAGE BALLAST
0.0 T

Tab. no.: 6103R-75_1790_0.0+0.0_10.20_HA_1.5°

RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5	72.5	47.0	39.0						
3.0	50.9	47.0	42.1	37.7					
4.0	33.4	32.3	30.6	28.2	28.0				
5.0	24.1	24.0	23.3	21.9	20.6				
6.0	18.3	18.7	18.5	17.6	16.7				
7.0	14.1	15.0	14.9	14.4	13.8				
8.0	10.9	12.2	12.1	11.8	11.5				
9.0	8.6	10.0	10.1	9.8	9.5				
10.0		8.2	8.5	8.2	8.0				
12.0		5.7	6.1	6.0	5.8				
14.0		2.1	4.6	4.5	4.3				
16.0			3.4	3.4	3.2				
18.0			1.3	2.6	2.4				
20.0				1.9	1.8				
22.0				1.2	1.3				
24.0					0.9				
Number of falls	10	6	6	6	4				



MAIN BOOM
HA 46.8 m



BALLAST
0.0 t



TRACK WIDTH
4.2 m



MAX. INCLINATION
1.5 °



UNDERCARRIAGE BALLAST
0.0 T

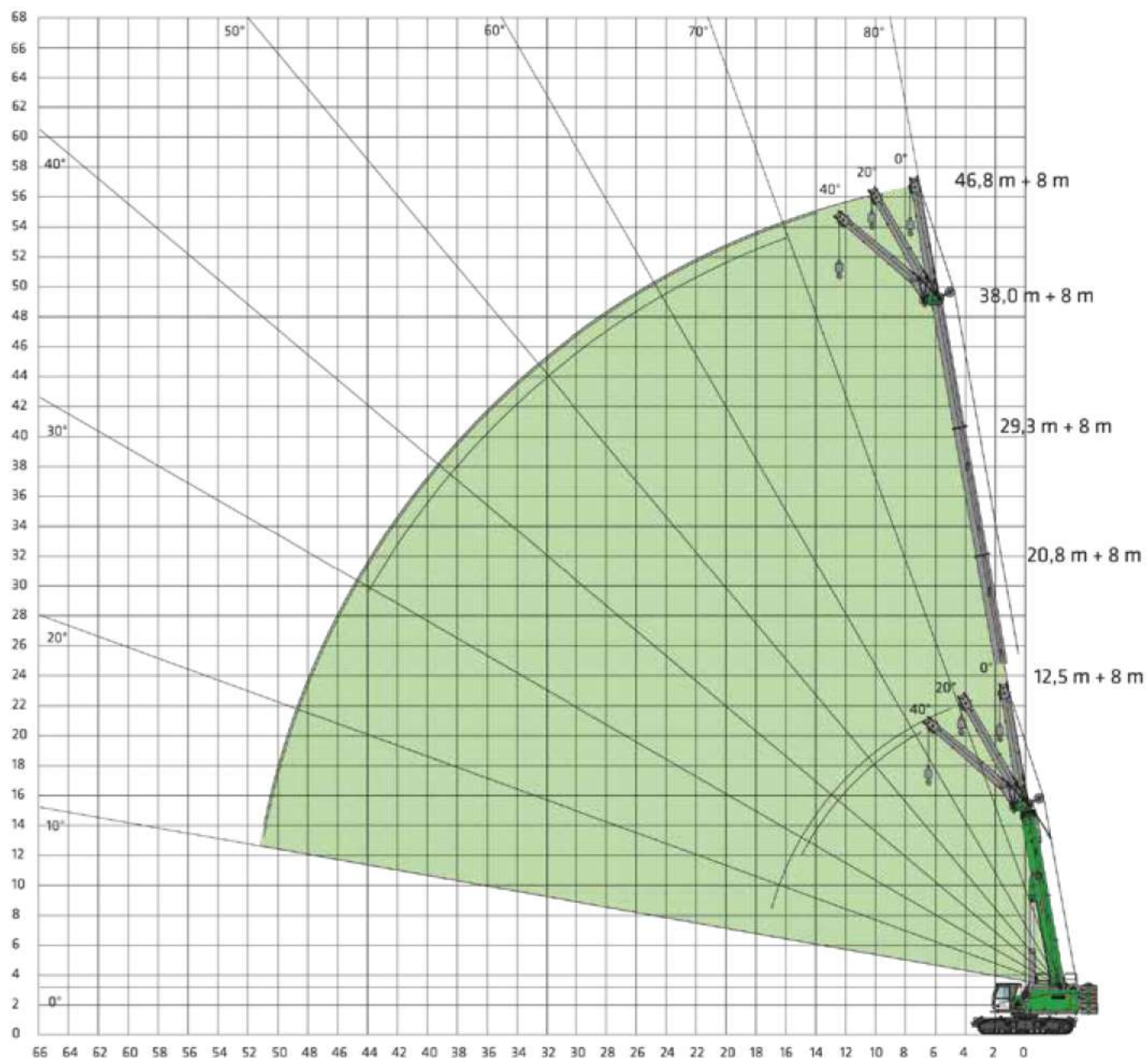
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RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
2.5	80.0	47.0	39.0						
3.0	73.0	48.3	44.3	39.0					
4.0	46.1	43.6	40.1	36.8	28.9				
5.0	32.6	31.9	30.0	28.7	26.6				
6.0	24.7	24.7	24.2	22.9	22.0				
7.0	18.8	19.8	19.7	18.8	18.1				
8.0	14.6	16.1	16.2	15.7	15.2				
9.0	11.6	13.1	13.5	13.2	12.9				
10.0		10.8	11.4	11.1	10.9				
12.0		7.7	8.5	8.3	8.1				
14.0		3.8	6.4	6.3	6.2				
16.0			4.9	5.0	4.8				
18.0			2.5	3.9	3.8				
20.0				3.0	3.0				
22.0				2.2	2.4				
24.0					1.8				
26.0					1.2				
Number of falls	10	6	6	6	4				

CRANE EQUIPMENT



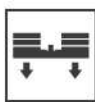
FLY JIB
SA 8 m



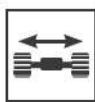
LOAD RATINGS



FLY JIB
SA 8 m



BALLAST
28.2 t



TRACK WIDTH
4.2 m



MAX. INCLINATION
0.6 °



EN



360°



UNDERCARRIAGE BALLAST
17.0 T

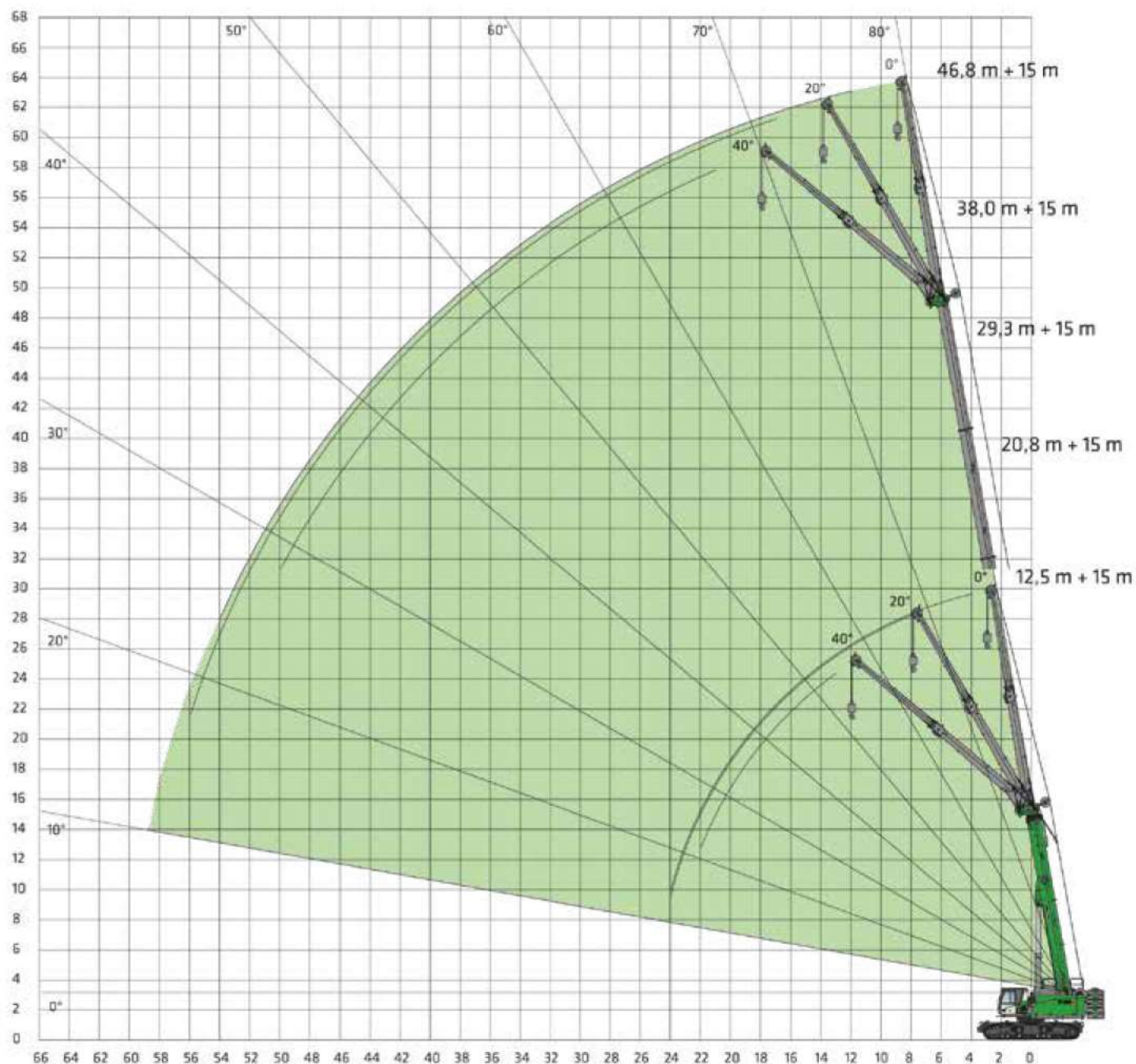
RADIUS [m]	BOOM LENGTH [m]														
	12.5			20.8			29.3			38.0			46.8		
	8.0			8.0			8.0			8.0			8.0		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
4.0	15.0			15.0											
5.0	14.0	10.2		14.5											
6.0	12.9	9.6		13.7	9.8		12.8								
7.0	11.9	9.0	7.2	12.9	9.4		12.3								
8.0	10.9	8.5	6.9	12.2	9.0	6.9	11.8			10.4					
9.0	10.2	8.0	6.7	11.5	8.6	6.7	11.3	8.6		10.2					
10.0	9.5	7.6	6.5	10.9	8.3	6.5	10.9	8.3		10.0			7.0		
12.0	8.2	6.9	6.1	9.9	7.7	6.2	10.1	7.9	6.4	9.5	7.7		7.0		
14.0	7.2	6.4	5.8	9.0	7.2	6.0	9.4	7.4	6.1	9.1	7.3	6.0	7.0	6.9	
16.0	6.4	6.1	5.6/15 m	8.2	6.7	5.8	8.8	7.0	5.9	8.6	7.0	5.8	7.0	6.7	5.6
18.0	6.0/17 m	6.0/17 m		7.5	6.4	5.6	8.0	6.7	5.7	8.1	6.7	5.7	7.0	6.5	5.5
20.0				6.9	6.1	5.4	7.3	6.4	5.5	7.4	6.5	5.5	7.0	6.3	5.4
22.0				6.4	5.9	5.2	6.7	6.1	5.4	6.7	6.2	5.4	6.7	6.1	5.2
24.0				6.0	5.7		6.2	5.9	5.2	6.1	6.0	5.2	6.2	5.9	5.1
26.0				5.8/25 m	5.6/25 m		5.7	5.6	5.1	5.6	5.6	5.1	5.8	5.7	5.0
28.0							5.3	5.2	5.1	5.2	5.2	5.0	5.5	5.4	4.9
30.0							4.9	4.8	5.0/29 m	4.8	4.8	4.8	5.1	5.1	4.8
32.0							4.2	4.5		4.4	4.4	4.5	4.8	4.7	4.7
34.0							3.9/33 m	4.0/33 m		4.0	4.1	4.1	4.5	4.5	4.5
36.0										3.4	3.8	3.7	3.8	4.2	4.2
38.0										2.8	3.0		3.3	3.5	3.9
40.0										2.4	2.5		2.9	3.0	3.2
42.0										2.0	2.1		2.5	2.6	2.7
44.0													2.1	2.2	2.3
46.0													1.8	1.9	
48.0													1.4	1.5	
50.0													1.2	1.2	
52.0													1.0/51 m	1.0/51 m	
Number of falls	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Tab.no.: 6103R-75/2170/28.2+17.0/05.20 SA8

CRANE EQUIPMENT



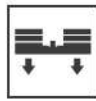
FLY JIB
SA 15 m



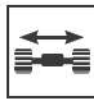
LOAD RATINGS



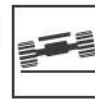
FLY JIB
SA 15 m



BALLAST
28.2 t



TRACK WIDTH
4.2 m



MAX. INCLINATION
0.6 °



UNDERCARRIAGE BALLAST
17.0 T

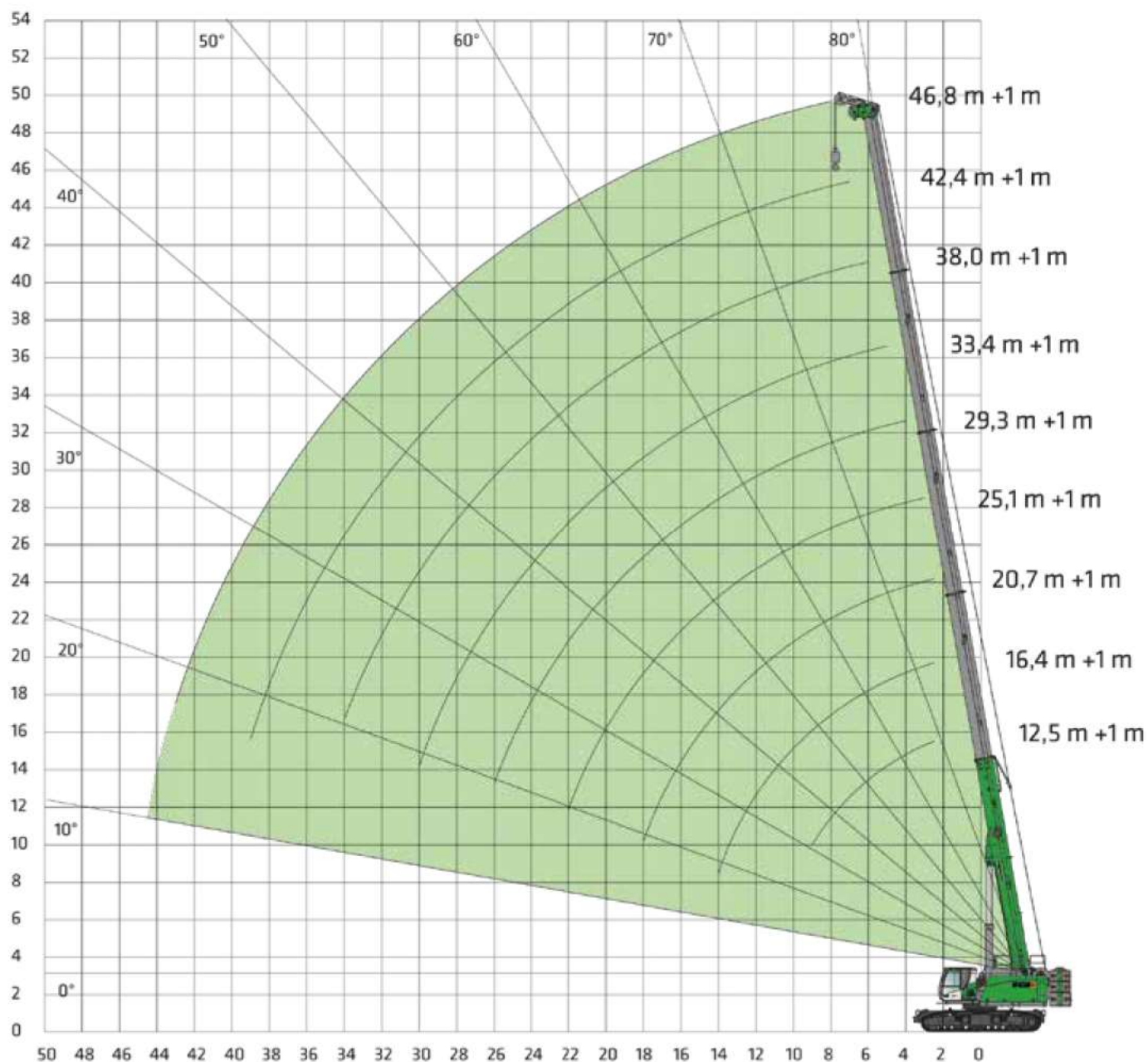
RADIUS [m]	BOOM LENGTH [m]														
	12.5			20.8			29.3			38.0			46.8		
	15.0			15.0			15.0			15.0			15.0		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
4.0	5.9														
5.0	5.7			5.3											
6.0	5.4			5.2											
7.0	5.1			5.1			4.7								
8.0	4.8	3.8		5.0			4.6								
9.0	4.5	3.7		4.8			4.5			4.0					
10.0	4.2	3.5		4.6	3.5		4.5			4.0					
12.0	3.7	3.2	2.6/13 m	4.2	3.3		4.3	3.3/13 m		4.0			3.1		
14.0	3.4	3.0	2.5	3.8	3.0	2.5	4.1	3.2		3.9	3.0/15 m		3.1		
16.0	3.1	2.8	2.4	3.5	2.9	2.4	3.8	3.0	2.5	3.8	3.0		3.1	2.9/17 m	
18.0	2.8	2.6	2.3	3.2	2.7	2.4	3.6	2.9	2.4	3.6	2.9	2.3	3.1	2.8	
20.0	2.6	2.5	2.2	3.0	2.6	2.3	3.3	2.8	2.3	3.5	2.7	2.3	3.1	2.7	2.2/21 m
22.0	2.4	2.4	2.2	2.8	2.5	2.2	3.1	2.6	2.2	3.3	2.6	2.3	3.1	2.6	2.2
24.0	2.2	2.2		2.6	2.4	2.2	3.0	2.5	2.2	3.1	2.5	2.2	3.0	2.5	2.2
26.0				2.5	2.3	2.1	2.8	2.4	2.1	3.0	2.5	2.2	2.9	2.4	2.1
28.0				2.3	2.2	2.1	2.7	2.3	2.1	2.8	2.4	2.1	2.9	2.4	2.1
30.0				2.2	2.2		2.5	2.3	2.1	2.7	2.3	2.1	2.8	2.3	2.1
32.0				2.1/31 m	2.1		2.4	2.2	2.1	2.6	2.2	2.0	2.7	2.2	2.0
34.0							2.3	2.1	2.1	2.5	2.2	2.0	2.6	2.2	2.0
36.0							2.2	2.1	2.1	2.4	2.1	2.0	2.5	2.1	2.0
38.0							2.1	2.1		2.3	2.1	2.0	2.4	2.1	1.9
40.0							2.1	2.1		2.2	2.0	2.0	2.3	2.0	1.9
42.0										2.1	2.0	2.0	2.2	2.0	1.9
44.0										2.1	2.0		2.1	2.0	1.9
46.0										2.0	2.0		2.1	1.9	1.9
48.0										1.5	1.7		2.0	1.9	1.9
50.0										1.4/49 m			1.5	1.9	1.9
52.0													1.3	1.5	
54.0													1.0	1.2	
56.0														0.9	
Number of falls	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Tab.no.: 6103R-75/2170/28.2+17.0/05.20 SA15

CRANE EQUIPMENT



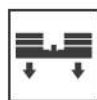
AUXILIARY JIB
HA-S



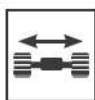
LOAD RATINGS



AUXILIARY JIB
HA-S



BALLAST
28.2 t



TRACK WIDTH
4.2 m



MAX. INCLINATION
0.6 °



UNDERCARRIAGE BALLAST
17.0 T

RADIUS [m]	BOOM LENGTH [m]								
	12.5	16.5	20.8	25.1	29.3	33.5	38.0	42.4	46.8
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5	9.0	9.0	9.0						
3.0	9.0	9.0	9.0	9.0	9.0				
4.0	9.0	9.0	9.0	9.0	9.0	9.0			
5.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0		
6.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	
7.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
8.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
10.0		9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
12.0		9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
14.0		9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
16.0			9.0	9.0	9.0	9.0	9.0	9.0	9.0
18.0			9.0	9.0	9.0	9.0	9.0	9.0	9.0
20.0				9.0	9.0	9.0	9.0	9.0	9.0
22.0				9.0	9.0	9.0	8.4	8.0	8.3
24.0					9.0	8.7	7.6	7.0	7.7
26.0					7.9	8.0	7.0	6.2	7.1
28.0						7.1	6.4	5.6	6.5
30.0						6.3	5.9	5.1	5.7
32.0							5.5	4.6	5.0
34.0							5.0	4.3	4.4
36.0								4.0	3.8
38.0								3.7	3.3
40.0									2.9
42.0									2.4
Number of falls	1	1	1	1	1	1	1	1	1

Tab. no.: 6103R-75_2170_28.2+17.0_0720_HA-S_0.6°

LOAD CAPACITY SCHEDULES

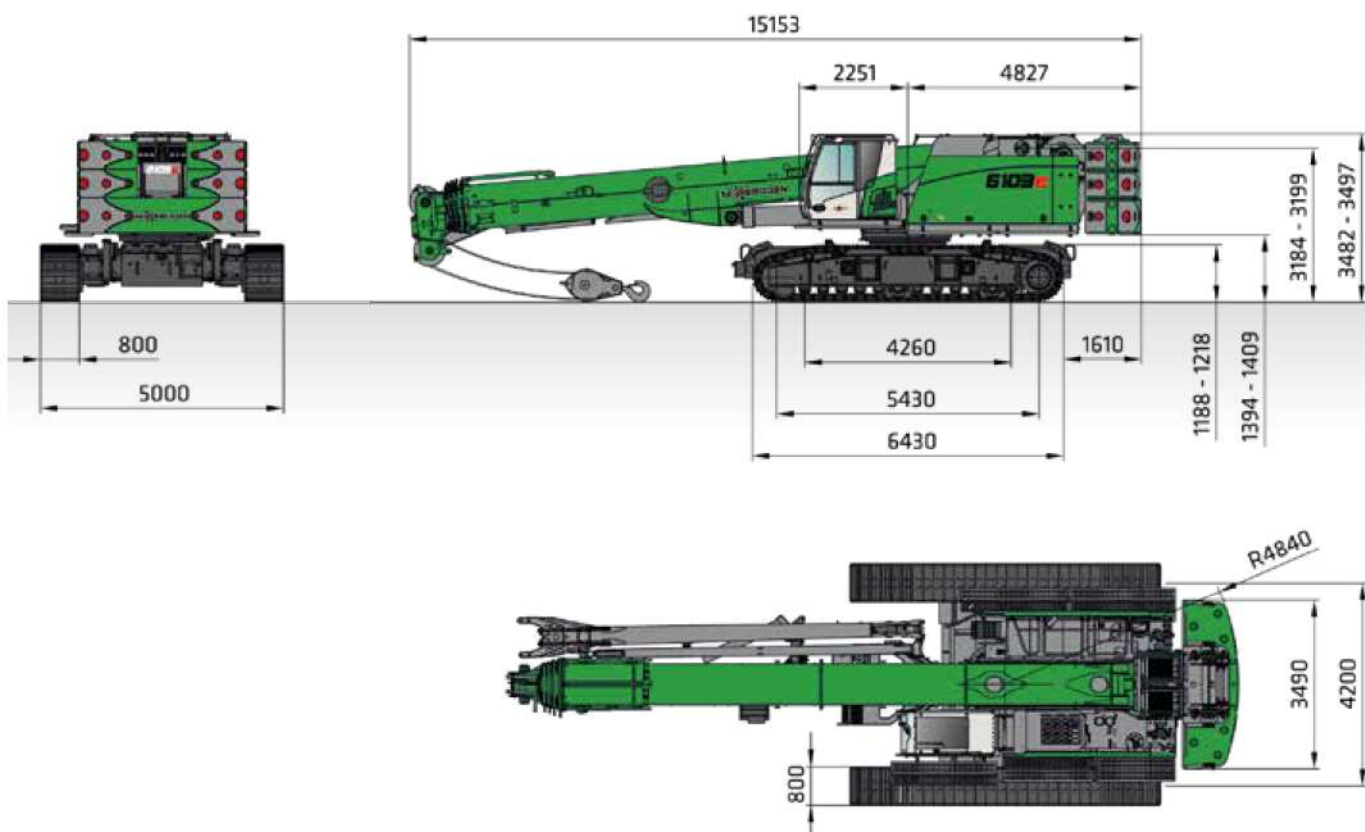
			MAIN BOOM HA			AUXILIARY JIB HA-S			HEAVY DUTY JIB SLS		
											
UNDERCARRIAGE TRACK WIDTH			 4.2 m	 3.44 m	 2.68 m	 4.2 m	 3.44 m	 2.68 m	 4.2 m	 3.44 m	 2.68 m
Ballast [t]		Undercarriage ballast [t]									
 28.2 t	 17.0 t			-			-			-	
 14.3 t	 17.0 t										
 0 t	 0 t										

CRANE EQUIPMENT

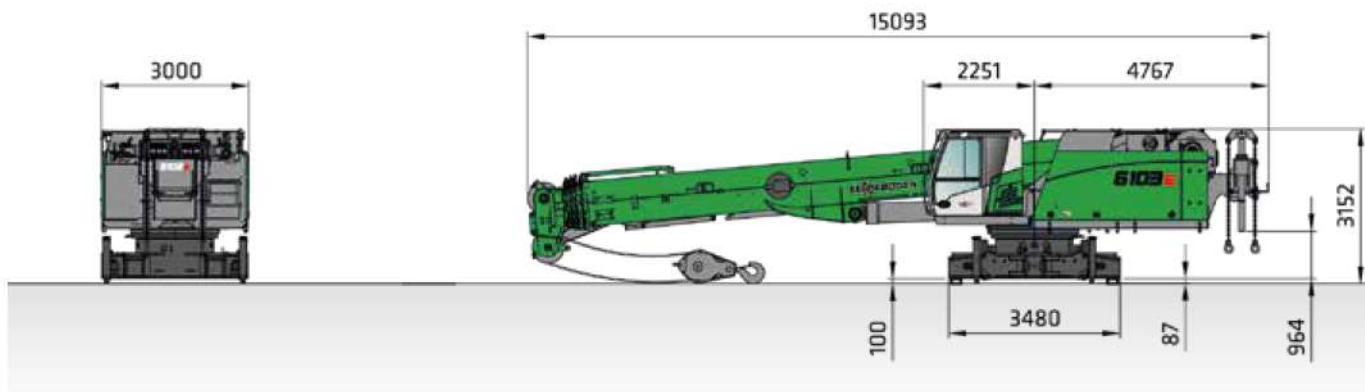
			FLY JIB SA 8m			FLY JIB SA 15m		
								
UNDERCARRIAGE TRACK WIDTH			 4.2 m	 3.44 m	 2.68 m	 4.2 m	 3.44 m	 2.68 m
Ballast [t]	Undercarriage ballast [t]							
 28.2 t	 17.0 t	 360°	-	-	-	 360°	-	-
 14.3 t	 17.0 t	-	-	-	-	-	-	-
 0 t	 0 t	-	-	-	-	-	-	-

TRANSPORT DIMENSIONS

i **Weight:** approx. 106.9 t (2 winches, 15 m fly boom, 63 t hook, 17 t central ballast, 28.2 t ballast)
Dimensions: 15.2 m x 3.5 m x 3.5 m



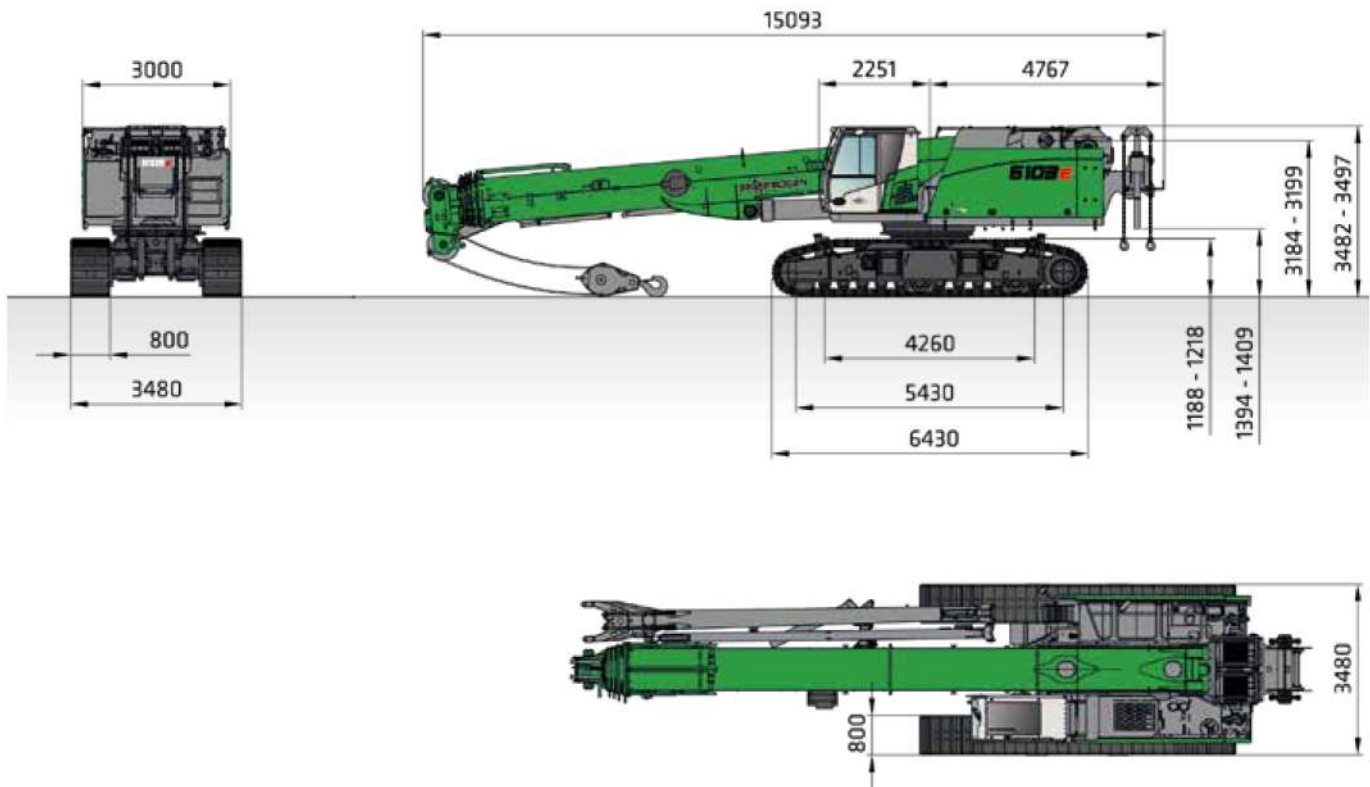
i **Weight:** approx. 42.3 t (2 winches, 15 m fly jib, 63 t hook, without ballast, without crawler tracks, without platform)
Dimensions: 15.1 m x 3.0 m x 3.2 m



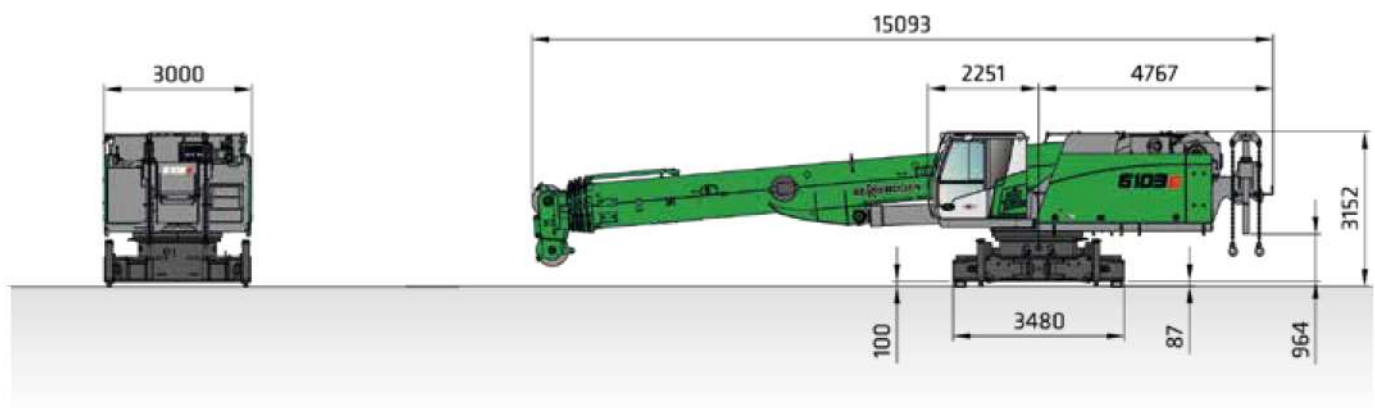
Dimensions in [mm]

TRANSPORT DIMENSIONS

- i** **Weight:** approx. 61.0 t (2 winches, 15 m fly jib, 63 t hook, without crawler tracks, without platform)
Dimensions: 15.1 m x 3.5 m x 3.5 m



- i** **Weight:** approx. 39.9 t (1 winch, without 15 m fly jib, without 63 t hook, without ballast, without crawler tracks, without platform)
Dimensions: 15.1 m x 3.0 m x 3.2 m



Dimensions in [mm]

TRANSPORT DIMENSIONS

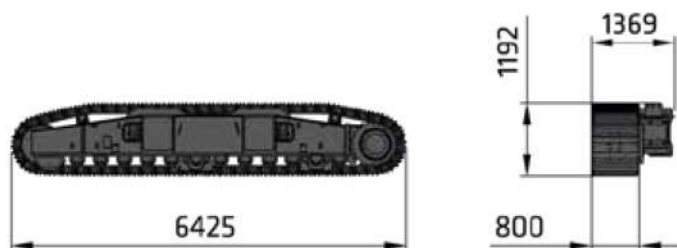
CENTRAL BALLAST 2 X

i **Weight:**
8500 kg each



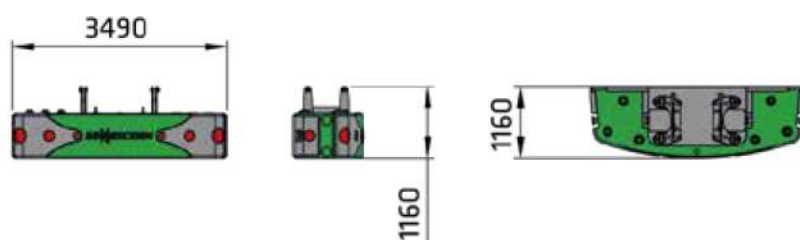
CRAWLER 2 X

i **Weight:**
9790 kg (800 mm / triple grouser)
10660 kg (800 mm / flat)
10140 kg (900 mm / triple grouser)
11090 kg (900 mm / flat)



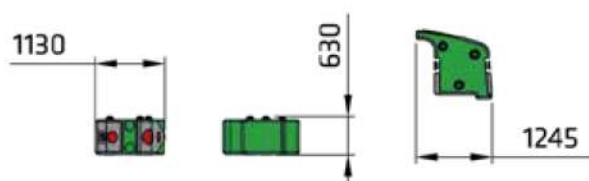
BALLAST BASE PLATE

i **Weight:** 14150 kg



BALLAST PLATE 4 X

i **Weight:** 3500 kg each

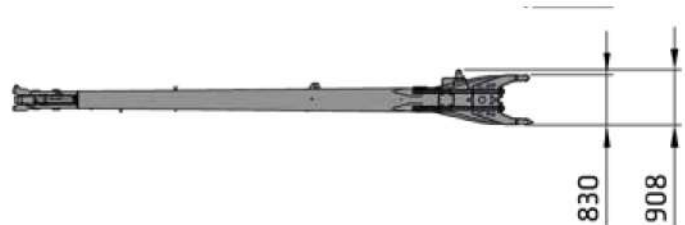
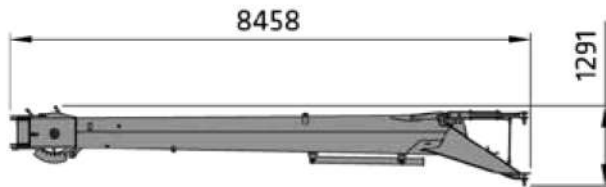


Dimensions in [mm]

TRANSPORT DIMENSIONS

FLY JIB 8 m SA80.2

i Weight: 920 kg



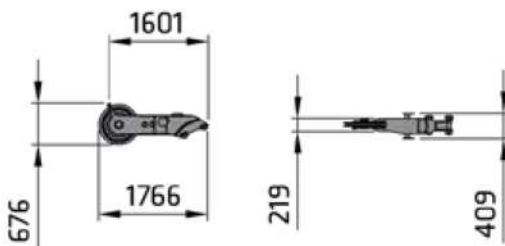
FLY JIB EXTENSION 7 m SAV70.2

i Weight: 300 kg



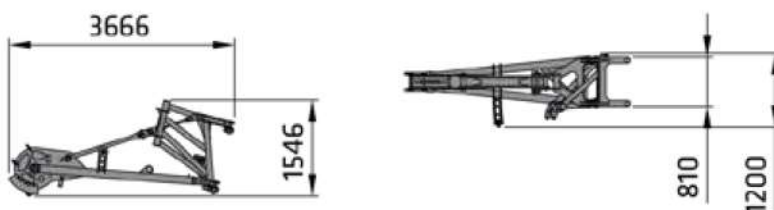
AUXILIARY JIB S10

i Weight: 160 kg



HEAVY-DUTY JIB S36.3

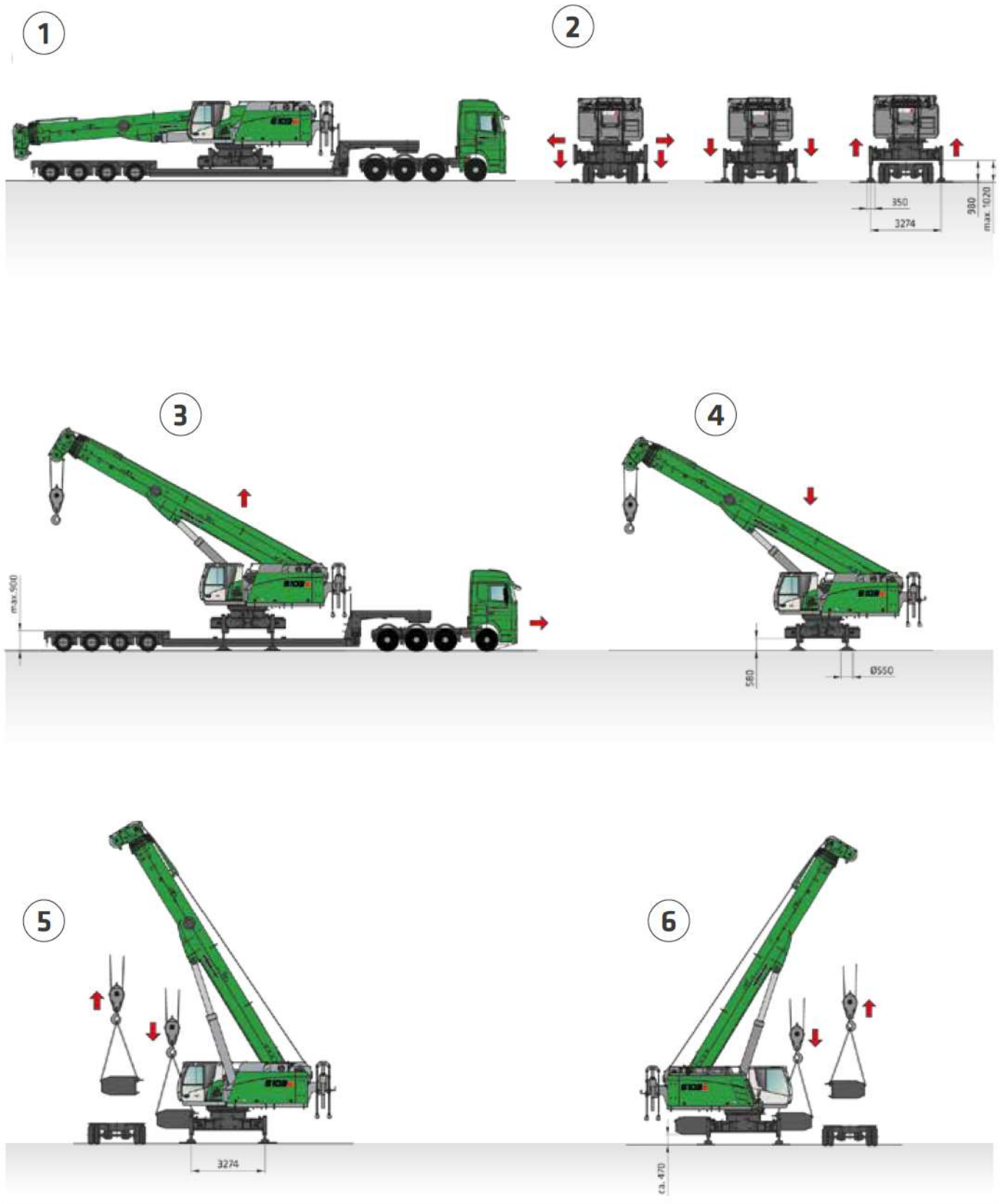
i Weight: approx. 700 kg

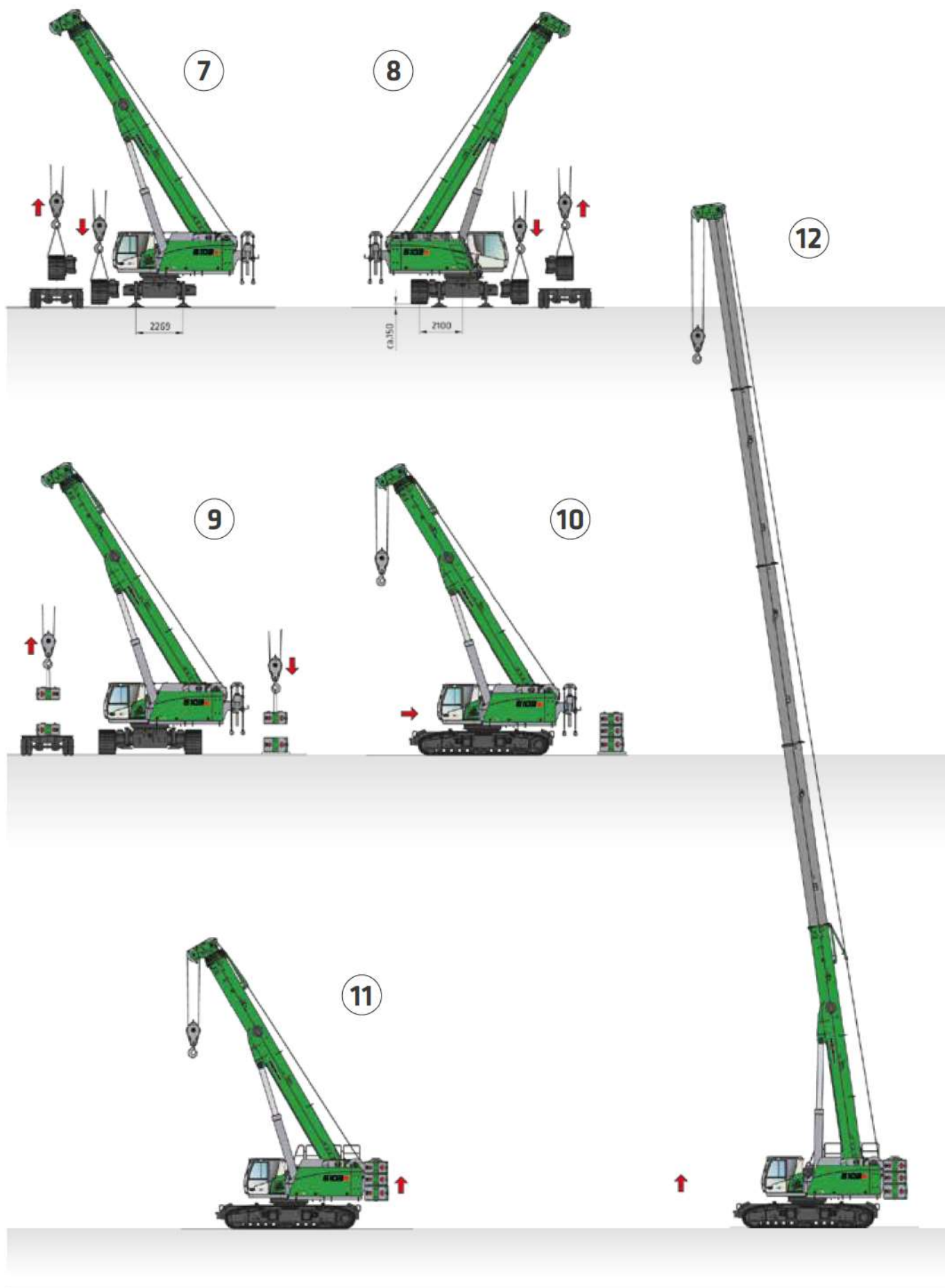


Dimensions in [mm]

SELF-ASSEMBLY SYSTEM WITH REMOVED CRAWLER TRACKS

i Transport width: 3.0 m

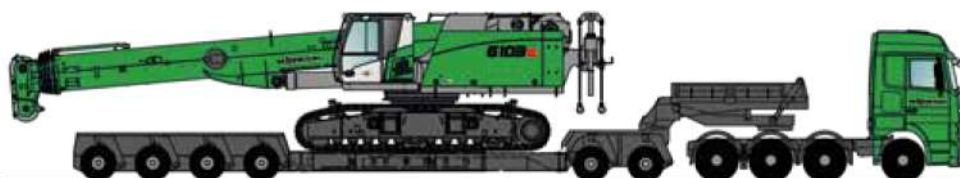




SELF-ASSEMBLY SYSTEM WITH MOUNTED CRAWLER TRACKS

i Transport width: 3.5 m

1



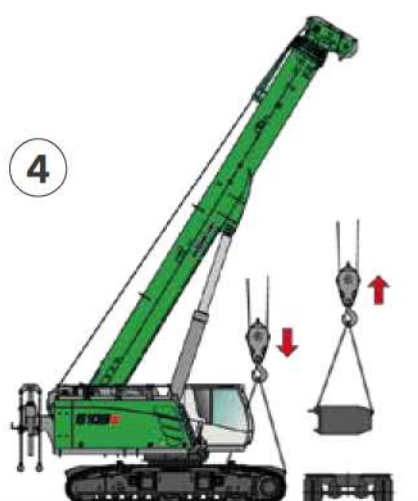
2



3



4





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