

SENEBOGEN



164 kW (stage IIIa)

168 kW (stage IV)



70 t



36 m



MAXCAB

673E

Telescopic crawler crane

Exhaust level IV

673E Further developed. The E-Series



1978: Telescopic crane TX10

The characteristics of the E-Series

- More than 20 years experience in the design and construction of highly-specialized telescopic crawler cranes
- Uncompromising high-performance in all areas
- Technology that can be mastered: High-quality components and avoidance of over-engineering
- Long product service life and high value retention

Your most important advantages:

1

Green Efficiency

Save fuel - lower operating costs
Quiet work - easy on the operator and on the environment



2

Power at the highest level

Robust boom system - work to a 4° incline
2 equivalent crane winches - high rope speed

3

Maximum operating convenience

Comfortable Maxcab - relaxed work
SENCON - easy selection of the work programs



4

Flexible implementation

Moving under load - minimum space requirements
Strong undercarriage traction - excellent all-terrain mobility

5

Easy transport

Telescopic undercarriage - quickly ready for operation
Ballast placement system - fast set-up time

6

Maintenance and service made easy

SENNEBOGEN Control System - easy fault diagnosis
Easy maintenance - clear labeling

7

Consultation and support in your area

3 production locations - 2 subsidiaries
120 Sales Partners - more than 300 service locations



**Emissions standard
TIER IV**

- Modern, powerful engine
- Saves a lot of fuel
- Clean exhaust

673E Powerful. Effective

Strong telescopic boom for demanding applications

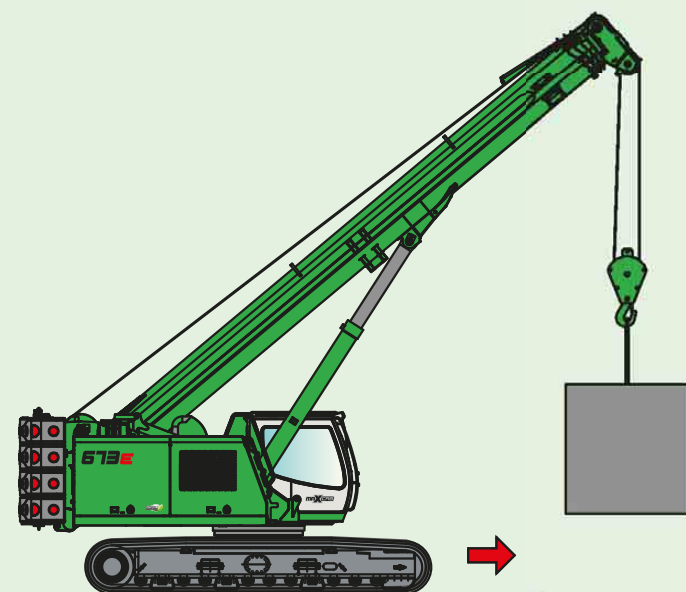
- Maintenance-free telescopic system thanks to multi-cylinder system. Maintenance-free rope drive or chain drive
- Work to a maximum 4° incline is possible*
- Telescoping under load

Large operating range

- 36 m boom length
- Can be extended with fly boom to 44 m or 51 m

Easy and effective work - saves money

- Hydraulic variable - quickly telescopes to any boom length
- Can be controlled intuitively via joystick
- Quickly ready for operation even in changing work heights
- Always the optimal boom length



Unique flexibility on the construction site

- Machine movement to 100% of the safe working load
- Excellent maneuverability thanks to strong undercarriage traction
- Easy, inexpensive transport and short set-up time thanks to self-assembly system

Telescopic undercarriage

- Maximum stability through extremely long and telescopic crawler track running gear with a large outrigger area
- Low ground pressure thanks to wide base plates, safe stance even when performing dynamic tasks
- Robust tractor running gear and large dimensioned travel drives for maximum all-terrain movement



673E Modern. Flexible



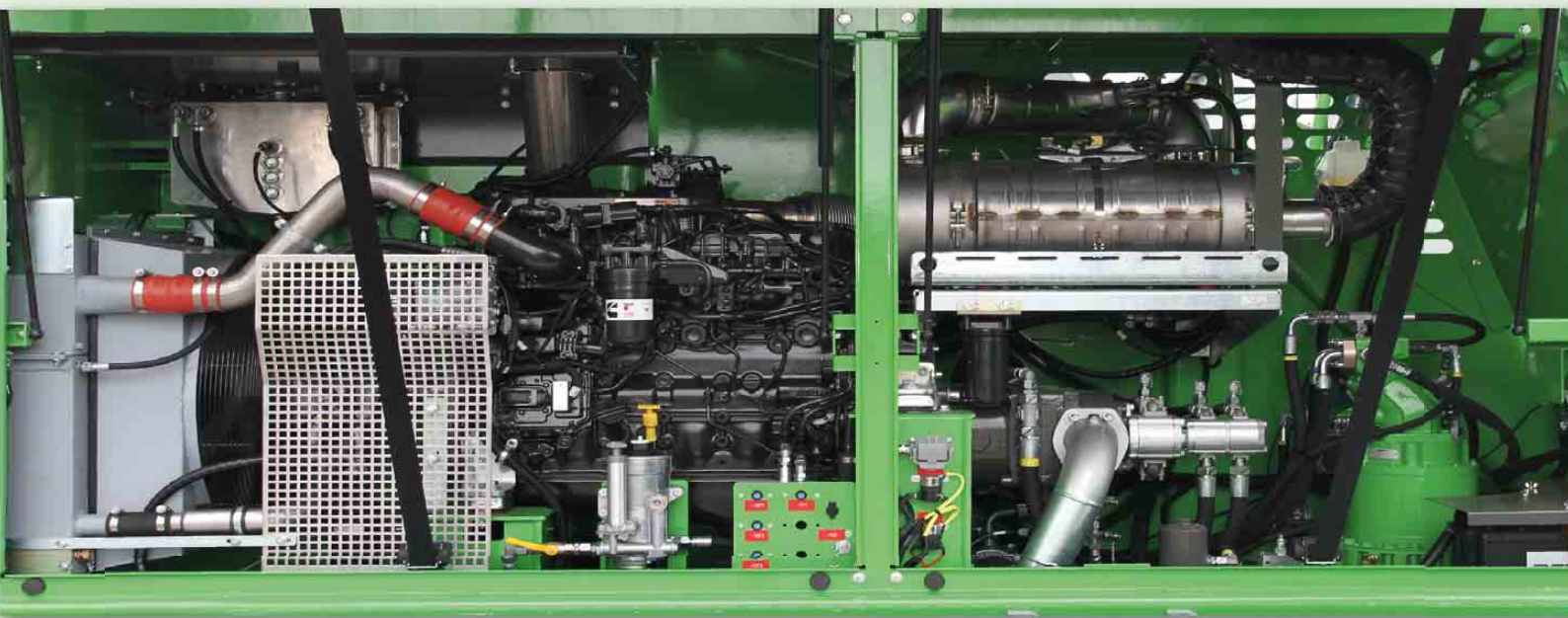
Hoisting winches

- Two hoisting winches arranged next to each other
- Compact machine with small rear radius

Elevating work platform

- Unfolds to inner dimensions of 4 m x 1.25 m
- Payload of up to 1,000 kg is possible
- 360° infinite rotation

1,000 kg elevating work platform



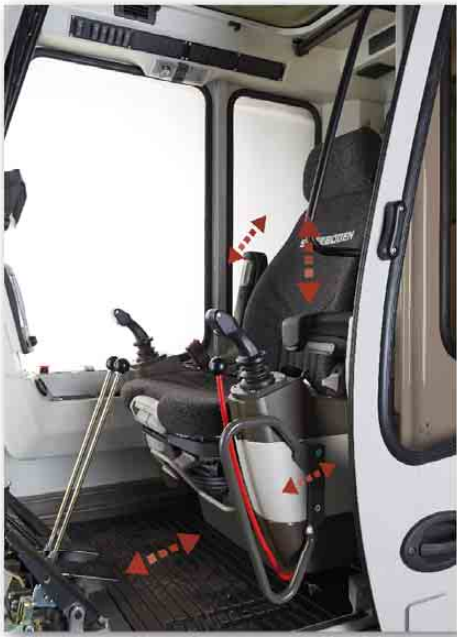
Quiet work

- Uniformly quiet working machine thanks to decoupled engine suspension and sound proofing
- Sound pressure level in accordance with 2000/14/EC as much as 2 dB lower than required

Clearly arranged engine compartment

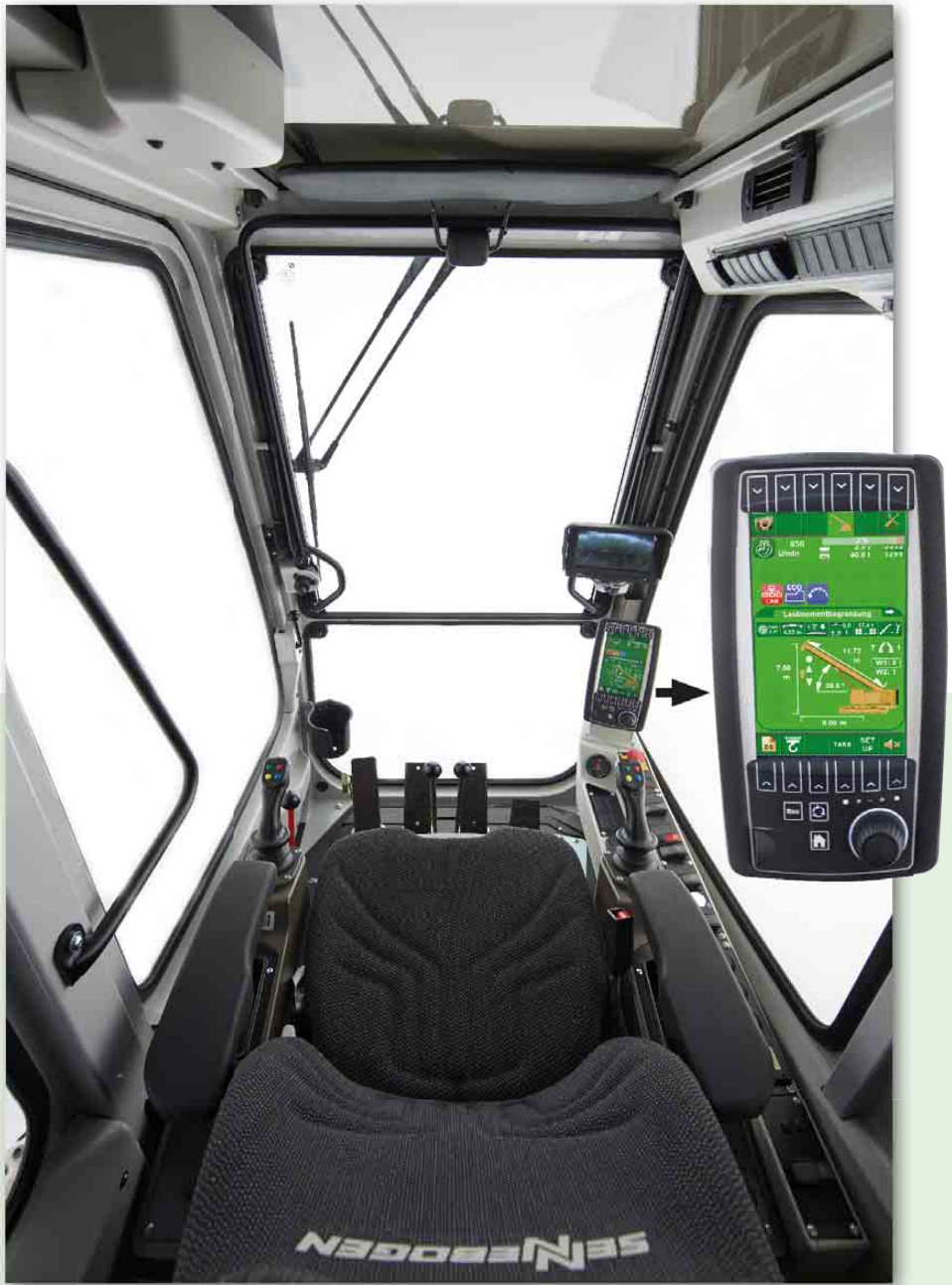
- Service friendly design
- Engine variant with stage IIIa emission standard
- Engine variant with stage IV emission standard including AdBlue supply

673E Comfort redefined



Air conditioning automation

- Work climate is always pleasant in the cab, thanks to 10 uniformly distributed fan nozzles
- Easy control via central operating elements



Comfortable Maxcab

- Air-suspension comfort seat, with seat heater
- Convenient joystick control
- Hinged front window
- Sliding door, step grid in front of cab
- Color monitor for up to 4 cameras
- Cab can be tilted 20°

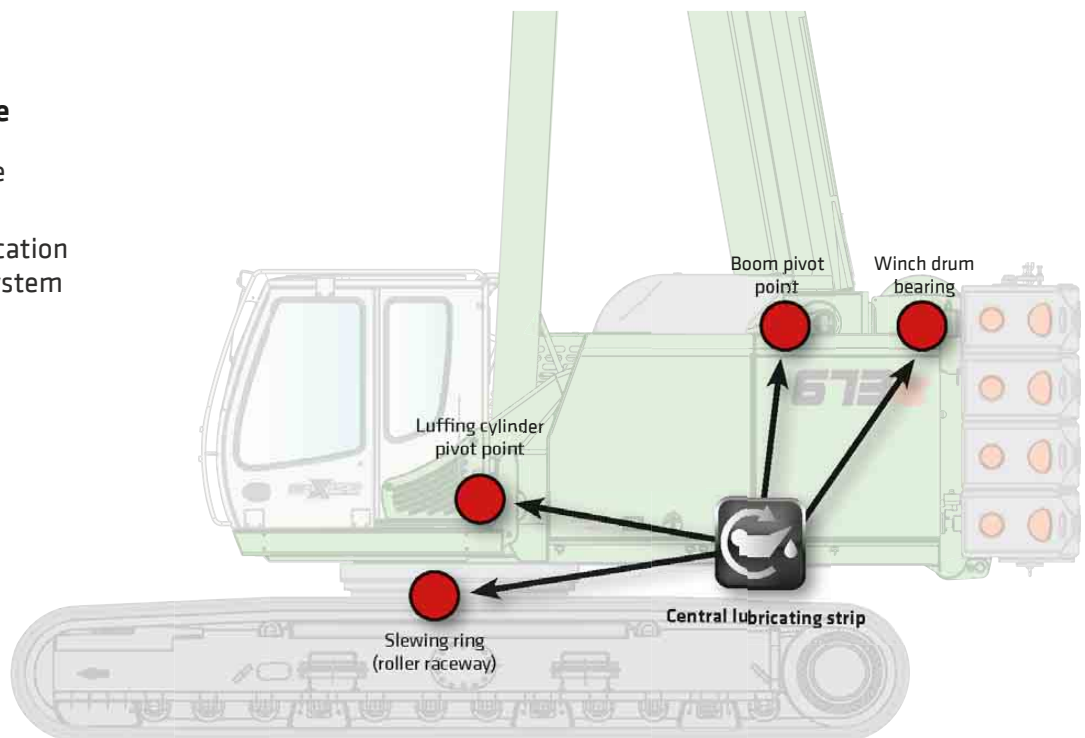
Control: SENCON

- Clearly arranged menu control
- Individual fine adjustment, optimal machine performance
- Integrated load moment limitation with capacity utilization indicator
- Fast troubleshooting thanks to detailed information

673E Maintenance and service made easy

Maximum ease of service

- Central, easily accessible lubricating strip
- Option: Automatic lubrication via central lubrication system



HydroClean*

- Optimal protection of hydraulic components thanks to 3 µm micro-filter
- Cleaner hydraulic oil, extended oil service life



Walkways on both sides

- Step grid in front of and next to the cab for more safety when entering and exiting the cab
- Step grids right and left along the uppercarriage enable safe maintenance



Maintenance-optimized

- Fast and easy fault diagnostics through the effectively designed and clearly labeled electrical distributor
- Easy accessibility to all service points of the machine

*Option

673E Technical data - equipment

MACHINE TYPE

Model (type) **673**

ENGINE

Model	Cummins diesel engine QSB 6.7 164 kW / 223 HP at 2000 rpm Emission in accordance with emission stage 3a Cummins diesel engine QSB 6.7 168 kW / 228 HP at 2000 rpm Emission in accordance with emission stage 4f Direct injection, turbo-charged, charge air cooling, emission reduced
Cooling	Water-cooled
Diesel filter	with water separator and heater
Air filter	Dry filter with integrated pre-separator, automatic dust discharge, main element and safety element, contamination indicator
Fuel tank	540 l
AdBlue tank	38 l
Electr. system	24 V
Batteries	2 x 155 AH battery disconnect switch
Options	■ Low-temperature package with engine pre-heating and heated diesel filter from implementation temperatures under -20 °C ■ Electric fuel pump

UPPERCARRIAGE

Design	Torsion-resistant box design, precision crafted, steel bushings for boom bearing arrangement. Service-friendly concept, engine installed in the longitudinal direction
Electrical	Central electrical distributor, battery disconnect switch
Cooling system	3-circuit cooling system with high cooling output, thermostatically regulated fan drive for oil cooler, electronically regulated water and charge air cooler
Safety	Camera monitoring of the rear area and right side, lighting package with LED
Options	■ Supplemental LED headlights ■ Up to 2 additional cameras ■ Maritime varnishing as corrosion protection ■ Low-temperature package for work deployments at temperatures under -20°C

Options

- Automatic central lubrication for boom pivot point, luffing cylinder, slewing gear raceway, and winch drum bearing
- Pinion tooth lubrication for slewing ring
- Upper-carriage railing

HYDRAULIC SYSTEM

Load sensing / LUDV hydraulic system, electro-hydraulic pilot-controlled work functions, load limit sensing control	
Pump type	Variable-displacement piston pump in swashplate design, load pressure-independent flow distribution for simultaneous, independent control of work functions
Pump control	Zero-stroke control, on-demand flow-control - the pumps only pump as much oil as will actually be used, pressure purging, load limit sensing control
Delivery rate	maximum 375 l / min
Operating pressure	to 330 bar
Filtration	High-performance filtration with long-term change interval
Hydraulic tank	765 l
Control system	Proportional, precision elektrohydraulisch activation of work movements, 2 electric servo joysticks for work functions, including winch movement indicator via vibration transducer, supplemental functions via switches and foot pedals
Safety	Hydraulic circuits with safety valves pipe fracture safety valve for luffing cylinder and telescoping cylinders
Options	■ Bio-oil filling - ecologically worthwhile ■ 3 µm hydraulic micro-filter SENNEBOGEN HydroClean ■ Electrical hydraulic tank pre-warming at temperatures under -20°

SLEWING DRIVE

Gearbox	Compact planetary gear with slant axis hydraulic motor, integrated brake valves
Parking brake	Spring-loaded disk brake
Slewing ring	Externally geared slewing ring, sealed
Slewing speed	0-2 rpm, variable

673E Technical data - equipment

CAB

MPX CAB

Cab type	Spacious Maxcab, 20° tiltable
Cab equipment	Sliding door, excellent ergonomics, climate automation, seat heater, air-suspension comfort seat, fresh air filter / circulating air filter, 12 V / 24 V connections, SENCON, sun-blind for roof window
Options	- Hydraulically elevating cab E270, can be elevated 2.70 m and tilted 30° - Auxiliary heating system with timer - Cab active charcoal filter - Sliding window in the operator door - Armored glass windshield - Armored glass roof window - Protective roof grating - FOPS protective roof grating - Radio with CD player

ATTACHMENTS

Design	Decades of experience, state-of-the-art computer simulation, highest level of stability, longest service life, large-dimensioned, low-maintenance bearing points, sealed special bearing bushes, precision-crafted
Telescopic boom	4-piece with roller head, hydraulic continuously telescopic from 11-36 m
Hoisting winch	Drive via slant axis hydraulic motor with compact planetary gear, pulling force 50 kN (4th position), rope speed 0 - 115 m/min, rope diameter 16 mm, 205 m rope length. Winch movement display via vibration transducers in the joysticks
Safety brake	Spring-loaded disk brake
Crane safety	Latest generation of load moment monitoring, clearly organized panel with display of all important data via SENCON display, lifting limit switch, cable exit protection, excess pressure valves, and pipe fracture safety device with Eventrecorder
Cylinders	Hydraulic cylinders with high-quality sealing and guide elements
Options	- Fly jib 8 m, safe working load 10 t, tiltable (0°, 20°, 40°) set-up is extremely fast and easy without auxiliary devices, locked on the basic boom when not in use - Fly jib extension to 15 m (7 m extension), safe working load 5 t, tiltable (0°, 20°, 40°), must be transported separately - Auxiliary jib: 5 t safe working load, 1-strand

Options

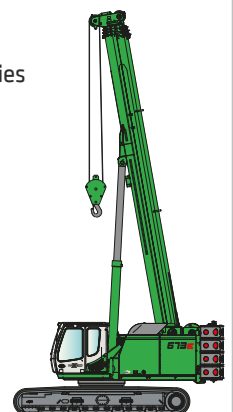
- 2nd crane winch: Pulling force 50 kN (4th position), rope speed 0 - 115 m/min, rope diameter 16 mm, 205 m rope length
- Supplemental acceptance of load charts with 2°/4° incline position
- Operation with elevating work platform with up to 4 m width and 1,000 kg payload
- Electro-hydraulic emergency unit 3 kW
- Remote radio control

UNDERCARRIAGE

Design	Crawler undercarriage T73/410 with hydraulically extendable track width. Stable welded construction.
Drive	Hydraulic travel drive for each running gear side, 2-stage hydraulic traction motors
Parking brake	Spring-loaded, hydraulically venting, spring-loaded, hydraulically venting disk brake, activated via foot pedal
Traveling gear	700 mm 3-grouser base plates, maintenance-free crawler B6
Speed	0 - 2.7 km/h
Options	Base plates with the following equipment: 800 mm 3-grouser base plate 900 mm 3-grouser base plates 700 mm flat base plates 800 mm flat base plates

OPERATING WEIGHT

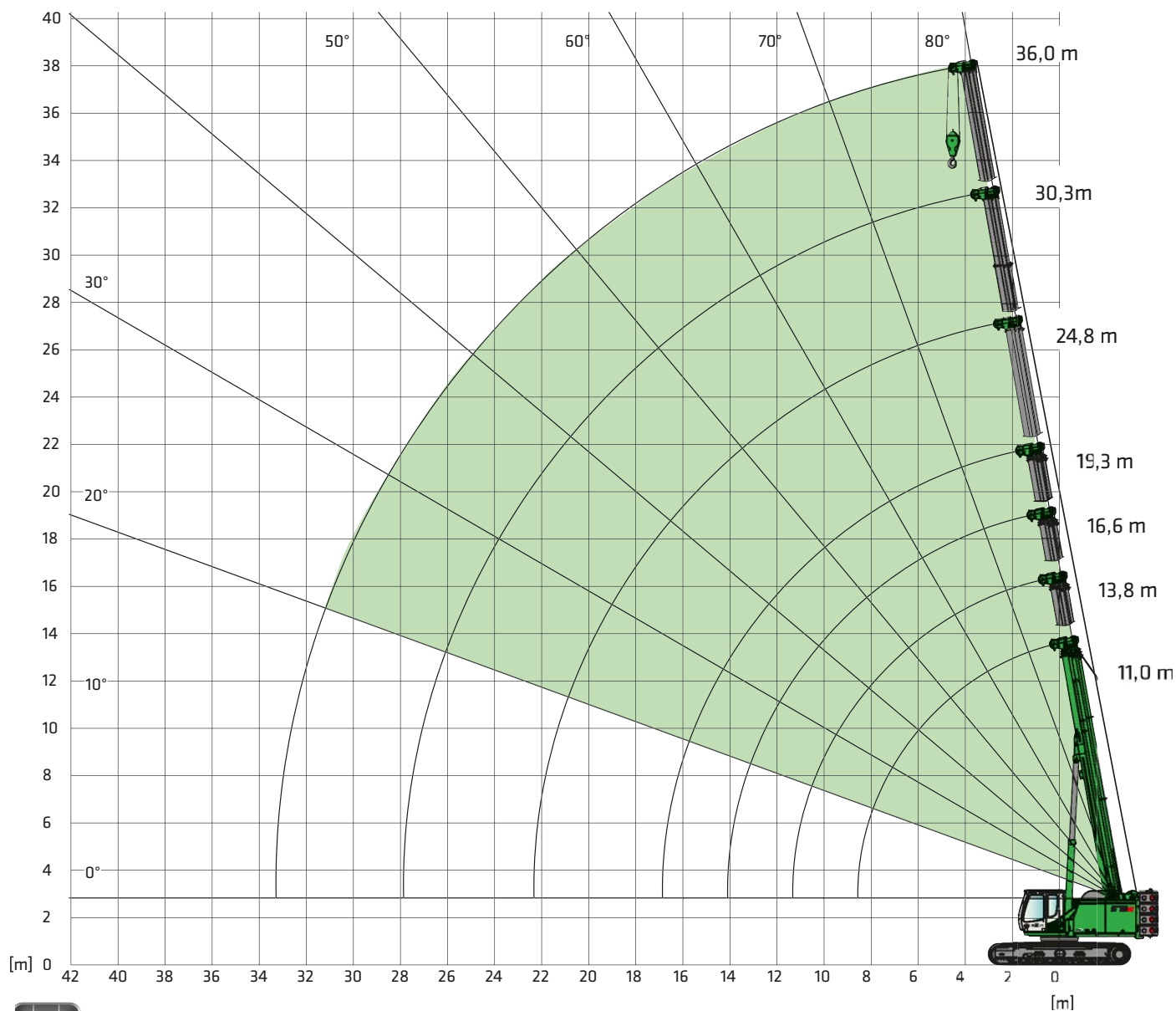
Mass	approximately 69,800 kg with telescopic boom 36 m, fly boom 8 m, 35 t hook, 3-grouser base plates 700 mm, 2 hoisting winches, hydraulically telescoping undercarriage, ballast 17.4 t, undercarriage ballast 8 t
Note	The operating weight varies depending on model.



673E Crane equipment



Telescopic boom 36 m



Hooks

Capacity	Weight	Cable reeving and maximum safe working load											
		12	11	10	9	8	7	6	5	4	3	2	1
5 t	80 kg												5,000 kg
15 t 1-pulley	190 kg										15,000 kg	10,000 kg	5,000 kg
35 t 3-pulley	260 kg						35,000 kg	30,000 kg	25,000 kg	20,000 kg	15,000 kg	10,000 kg	5,000 kg
60 t 6-pulley	540 kg	60,000 kg	55,000 kg	50,000 kg	45,000 kg	40,000 kg	35,000 kg	30,000 kg	25,000 kg	20,000 kg	15,000 kg	10,000 kg	5,000 kg

673E Load ratings



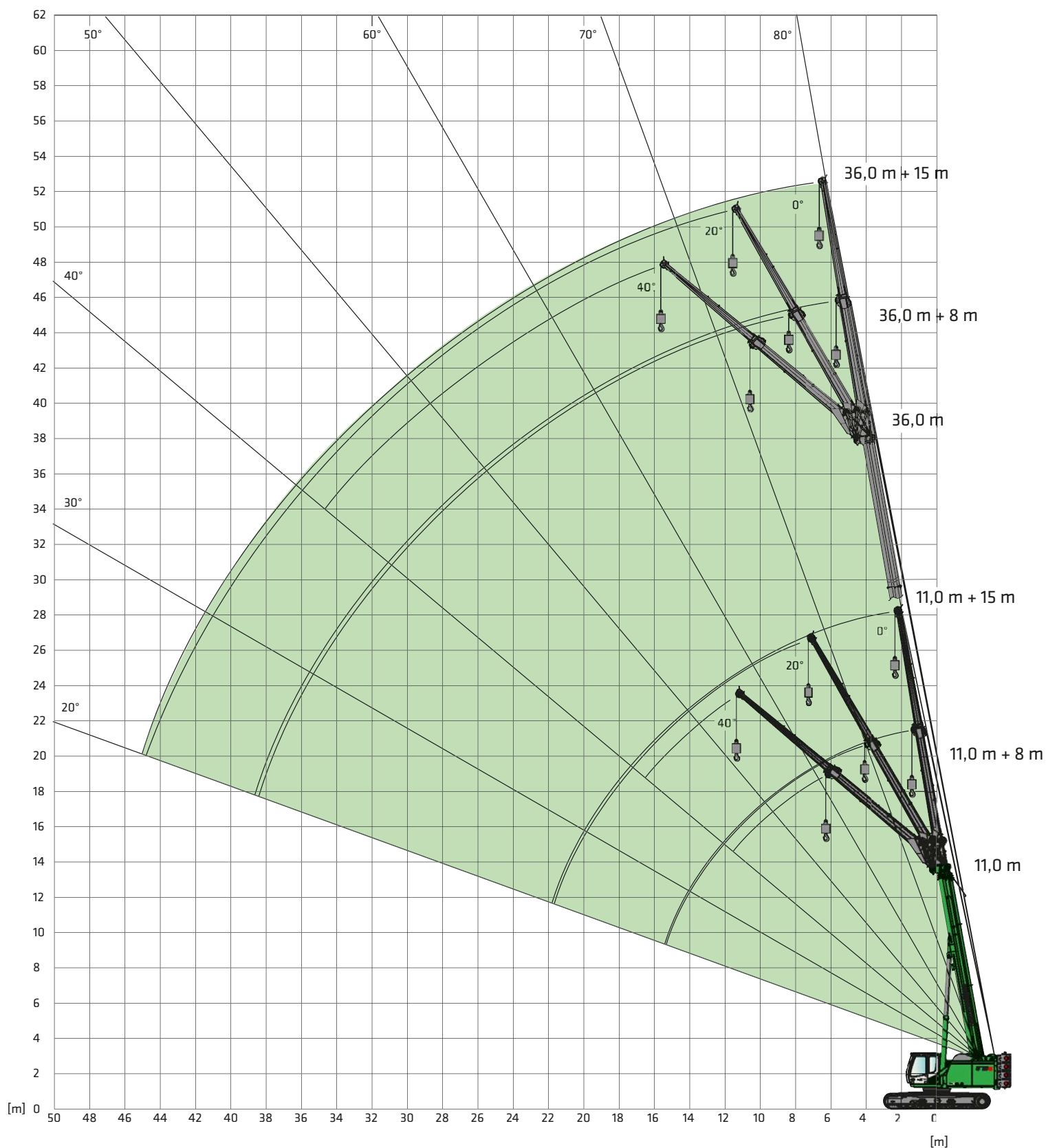
Main boom

	Boom length [m]																				
	11.0			13.8			16.6			19.3			24.8			30.3			36.0		
Counterweight [t]	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9
Carbody counterweight [t]	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Undercarriage track width [m]	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1
Working radius [m]																					
2.0	70.0		50.0																		
2.5	69.5		50.0																		
3.0	67.2		50.0	61.0		50.0	44.0		44.0	37.8		37.8	22.5		22.5						
4.0	56.0		50.0	53.6		50.0	37.7		37.7	32.6		32.6	22.5		22.5	21.0		21.0			
5.0	44.9	41.2	42.0	44.5	37.0	39.0	32.9	32.9	32.9	28.5	28.5	28.5	22.5	22.5	22.5	20.1	20.1	20.1	14.5	14.5	14.5
6.0	37.3	31.0	31.0	36.9	30.0	30.5	29.1	28.0	29.1	25.1	25.1	25.1	22.1	22.1	22.1	18.4	18.4	18.4	14.5	14.5	14.5
7.0	31.4	24.5	24.0	30.8	24.0	23.6	26.1	23.5	23.3	22.5	22.5	22.4	19.8	19.8	19.8	16.9	16.9	16.9	14.2	14.2	14.2
8.0	25.5	20.0	19.3	25.0	19.5	19.0	23.6	19.6	18.7	20.3	19.1	18.5	17.9	17.9	17.9	15.4	15.4	15.4	13.4	13.4	13.4
9.0				20.8	16.5	15.7	20.5	16.4	15.4	18.4	16.2	15.2	16.4	15.8	15.6	14.1	14.1	14.1	12.6	12.6	12.6
10.0				17.6	14.0	13.2	17.4	13.9	13.0	16.8	13.8	12.8	15.0	14.0	13.4	12.9	12.9	12.9	11.8	11.8	11.8
12.0				15.2 / 11.0 m	12.0 / 11.0 m	11.3 / 11.0 m	13.1	10.5	9.5	13.0	10.3	9.4	12.8	10.9	10.0	11.0	11.0	10.3	10.2	10.2	10.2
14.0							11.5 / 13.0 m	9.0 / 13.0 m	8.3 / 13.0 m	10.2	8.0	7.1	10.7	8.3	7.7	9.5	8.6	8.0	8.7	8.5	8.2
16.0										8.1	6.1	5.4	8.6	6.6	6.0	8.3	6.9	6.4	7.5	7.1	6.6
18.0													7.1	5.3	4.8	7.3	5.6	5.2	6.5	5.8	5.4
20.0													5.9	4.2	3.8	6.2	4.6	4.2	5.8	4.8	4.4
22.0													5.3 / 21.0 m	3.8 / 21.0 m	3.3 / 21.0 m	5.2	3.7	3.4	5.2	4.0	3.6
24.0																4.4	3.0	2.7	4.7	3.4	2.9
26.0																3.7	2.5	2.0	4.0	2.8	2.4
28.0																			3.4	2.3	1.9
30.0																			2.8	1.8	1.5
32.0																			2.4	1.4	1.0
34.0	Tab. no.: 673R-75/2068/17.4+8.0/05.13 HA36 0,3°																				
36.0	Tab. no.: 673R-75/1671/17.4+8.0/02.15 HA36 0,3°																				
	Tab. no.: 673R-75/2068/8.9+8.0/09.13 HA36 0,3°																				
Parts reeving	14	9	10	13	8	10	9	7	9	8	6	8	5	5	5	5	5	5	3	3	3
I	0%	0%	0%	33%	33%	33%	66%	66%	66%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
II	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	33%	33%	66%	66%	66%	100%	100%	100%
III	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	33%	33%	66%	66%	66%	100%	100%	100%
The lifting capacities must be reduced with the fly boom mounted on the basic body.																					
Reduction of load [kg]	770			610			510			430			340			280			240		

673E Crane equipment



Fly boom length 8 m or 15 m



673E Load ratings



Fly boom 8 m

		Telescopic boom length [m]														
		11.0			19.3			24.8			30.3			36.0		
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
17.4 t	8.0 t															
4.1 m		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
Working radius [m]																
2.0	10.0															
3.0	10.0															
4.0	9.7	7.7			10.0											
5.0	9.2	6.9			9.6			10.0								
6.0	9.0	6.7	4.1		9.0	5.9		9.4			8.1					
7.0	7.7	6.2	3.9		8.5	5.6		8.5	5.8		8.0			6.4		
8.0	7.2	5.9	3.7		7.9	5.3		8.2	5.5		7.9	5.6		6.4		
9.0	6.7	5.2	3.6		7.3	5.0	3.8	7.8	5.2		7.8	5.4		6.4		
10.0	6.5	5.0	3.5		6.8	4.8	3.7	7.4	5.0	3.8	7.6	5.2	3.8	6.3	5.1	
11.0	5.5	4.7	3.3		6.5	4.4	3.5	6.7	4.6	3.6	7.2	4.8	3.6	6.1	4.8	3.7
12.0	5.2	4.6	3.2		5.5	4.2	3.4	6.4	4.4	3.5	6.9	4.7	3.6	6.0	4.6	3.6
13.0	4.9	4.5	3.1		5.2	4.0	3.3	6.0	4.2	3.4	6.7	4.5	3.5	5.8	4.5	3.5
14.0	4.7	4.4			4.9	3.8	3.2	5.7	4.1	3.4	6.4	4.3	3.4	5.6	4.4	3.4
15.0		4.3			4.6	3.7	3.2	5.3	4.0	3.3	6.1	4.2	3.4	5.4	4.2	3.3
16.0		3.2			4.4	3.5	3.1	5.1	3.9	3.2	5.9	4.1	3.3	5.2	4.2	3.3
17.0					4.2	3.4	3.1	4.9	3.8	3.2	5.6	4.0	3.3	5.0	4.1	3.3
18.0					4.0	3.3	3.1	4.6	3.7	3.1	5.3	3.9	3.3	4.8	4.0	3.2
19.0					3.9	3.2	3.0	4.4	3.6	3.1	5.1	3.8	3.2	4.6	3.9	3.2
20.0					3.7	3.1		4.2	3.5	3.1	4.9	3.7	3.1	4.3	3.8	3.2
21.0					3.6	3.1		4.1	3.4	3.0	4.7	3.6	3.1	4.2	3.7	3.2
22.0					3.4	3.1		3.9	3.3	3.0	4.4	3.5	3.1	3.9	3.6	3.1
23.0					3.2	3.0		3.8	3.2	2.9	4.3	3.5	3.0	3.7	3.5	3.1
24.0								3.7	3.1		4.1	3.4	3.0	3.5	3.3	3.1
25.0								3.6	3.1		3.7	3.3	3.0	3.3	3.2	3.1
26.0								3.3	3.1		3.4	3.3	2.9	3.1	3.0	3.1
27.0								3.0	3.0		3.1	3.2	2.8	3.0	2.7	3.0
28.0								2.7			2.7	3.1		2.9	2.6	2.9
29.0								2.4			2.5	2.8		2.5	2.4	2.8
30.0											2.2	2.3		2.2	2.2	2.4
32.0											1.9	2.0		1.9	2.0	
34.0														1.5	1.6	
36.0														1.2	1.3	
38.0														0.9		
40.0																
42.0	Tab. no.: 673R-75/2068/174+8.0/11.12 SA8 0,3°															
44.0																
Parts reeving		2	2	1	2	2	1	2	2	1	2	2	1	2	2	1
I		0%			100%			100%			100%			100%		
II		0%			0%			33%			66%			100%		
III		0%			0%			33%			66%			100%		

673E Load ratings



Fly boom 15 m

		Telescopic boom length [m]														
17.4 t	8.0 t	11.0			19.3			24.8			30.3			36.0		
4.1 m		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
Working radius [m]																
2.0	5.0															
3.0	5.0															
4.0	5.0															
5.0	4.8				4.6											
6.0	4.5				4.5			4.3								
7.0	4.3	3.6			4.3			4.3			3.9					
8.0	4.1	3.4			4.2			4.2			3.9			3.4		
9.0	4.0	3.2			4.0			4.1			3.8			3.4		
10.0	3.6	3.0			3.8	2.9		4.0	2.9		3.7			3.4		
11.0	3.4	2.9	2.3		3.7	2.8		3.9	2.8		3.7			3.3		
12.0	3.3	2.8	2.2		3.5	2.7		3.7	2.8		3.6	2.8		3.3	2.7	
13.0	3.1	2.8	2.1		3.4	2.6		3.6	2.7		3.5	2.7		3.3	2.7	
14.0	3.0	2.8	2.0		3.2	2.5	2.0	3.5	2.6	2.1	3.4	2.6		3.2	2.6	
15.0	2.9	2.6	1.9		3.0	2.4	1.9	3.3	2.5	2.0	3.4	2.5		3.1	2.6	
16.0	2.8	2.5	1.9		2.9	2.3	1.9	3.2	2.4	2.0	3.3	2.4	2.0	3.1	2.5	2.0
17.0	2.7	2.4	1.8		2.8	2.3	1.9	3.0	2.3	1.9	3.2	2.4	2.0	3.0	2.5	2.0
18.0	2.6	2.3	1.8		2.6	2.1	1.9	2.9	2.3	1.9	3.1	2.3	1.9	3.0	2.4	1.9
19.0	2.6	2.2	1.8		2.5	2.1	1.9	2.8	2.2	1.9	3.0	2.2	1.9	2.9	2.4	1.9
20.0	2.5	2.2	1.8		2.4	2.0	1.8	2.7	2.1	1.8	2.9	2.2	1.9	2.8	2.3	1.9
21.0	2.4	2.1	1.8		2.3	1.9	1.8	2.6	2.1	1.8	2.8	2.1	1.9	2.8	2.2	1.9
22.0	2.3	2.1			2.2	1.9	1.7	2.5	2.0	1.8	2.7	2.1	1.9	2.7	2.2	1.9
23.0					2.1	1.8	1.6	2.4	2.0	1.8	2.6	2.0	1.8	2.6	2.1	1.8
24.0					2.0	1.8	1.6	2.3	1.9	1.7	2.5	2.0	1.8	2.6	2.1	1.8
25.0					2.0	1.8	1.6	2.2	1.9	1.7	2.5	2.0	1.8	2.5	2.0	1.8
26.0					1.9	1.7	1.6	2.2	1.8	1.7	2.4	1.9	1.7	2.5	2.0	1.8
27.0					1.8	1.7		2.2	1.8	1.7	2.3	1.9	1.7	2.4	1.9	1.8
28.0					1.8	1.7		2.1	1.8	1.7	2.2	1.9	1.7	2.4	1.9	1.8
29.0					1.7	1.7		2.1	1.8	1.7	2.2	1.9	1.7	2.3	1.9	1.8
30.0					1.7	1.7		2.0	1.8	1.7	2.1	1.8	1.7	2.3	1.8	1.7
32.0								2.0	1.7		2.0	1.8	1.7	2.2	1.8	1.7
34.0								1.9	1.7		1.9	1.8	1.7	1.9	1.7	1.7
36.0								1.7			1.6	1.7		1.6	1.7	1.6
38.0											1.3	1.5		1.3	1.6	1.6
40.0											1.0	1.2		1.0	1.3	1.0
42.0	Tab. no.: 673R-75/2068/17.4+8.0/11.12 SA15 0,3°													0.8	1.0	
44.0														0.6	0.7	
Parts reeving		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
I		0%			100%			100%			100%			100%		
II		0%			0%			33%			66%			100%		
III		0%			0%			33%			66%			100%		

673E Load ratings



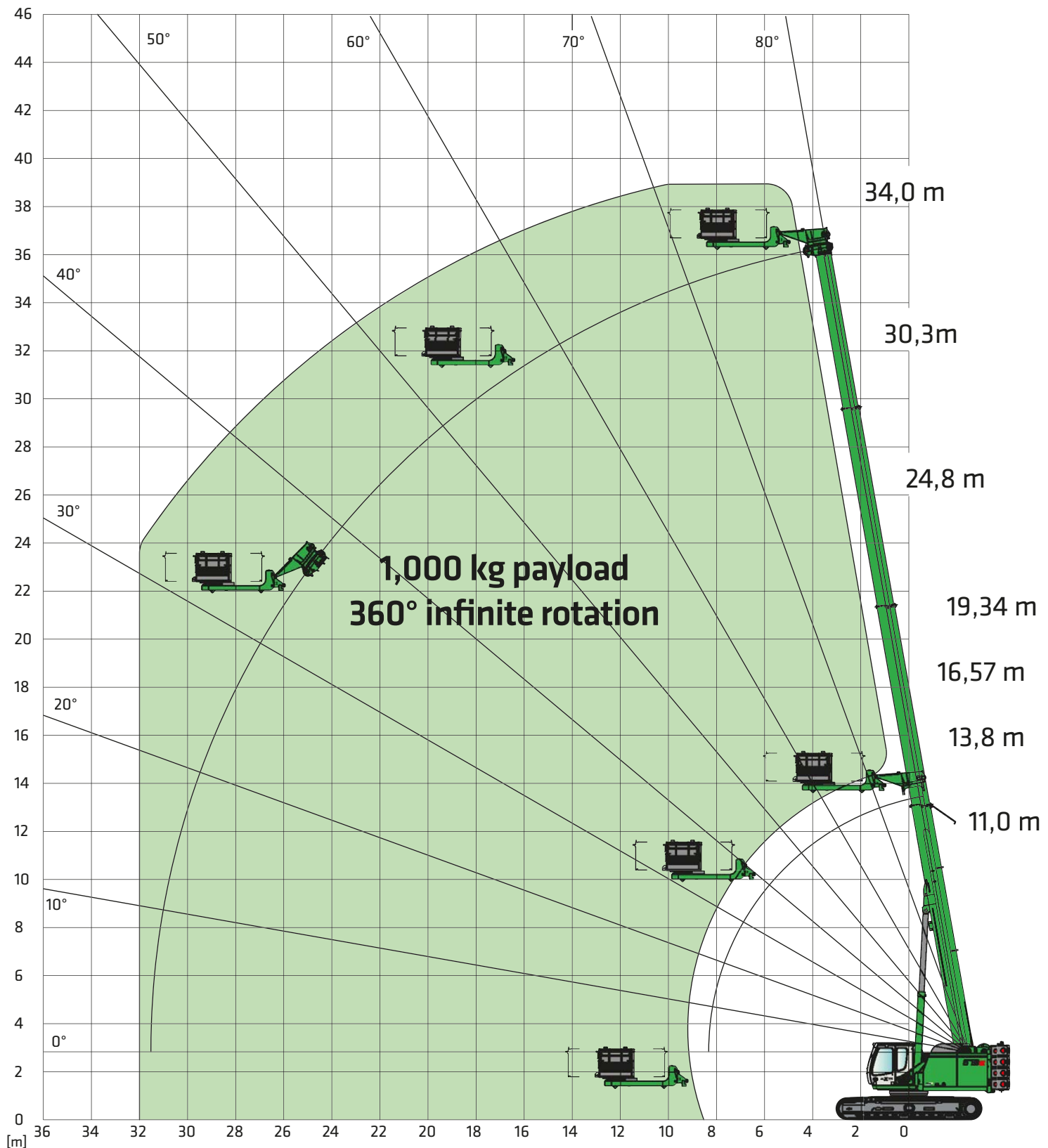
Auxiliary jib

	Boom length [m]																				
	11.0			13.8			16.6			19.3			24.8			30.3			36.0		
Counterweight [t]	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9	17.4	17.4	8.9
Carbody counterweight [t]	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Undercarriage track width [m]	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1	4.1	3.2	4.1
Working radius [m]																					
2.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0									
2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0									
3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0						
4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0			
5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
8.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
9.0				5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
10.0				5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
12.0				5.0 / 11.0 m	5.0 / 11.0 m	5.0 / 11.0 m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
14.0							5.0 / 13.0 m	5.0 / 13.0 m	5.0 / 13.0 m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
16.0										5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
18.0													5.0	5.0	4.7	5.0	5.0	4.9	5.0	5.0	5.0
20.0													5.0	4.1	3.7	5.0	4.5	4.1	5.0	4.9	4.3
22.0													4.6 / 21.0 m	3.7 / 21.0 m	3.2 / 21.0 m	4.6	3.6	3.3	4.8	3.9	3.5
24.0																3.7	2.9	2.6	4.0	3.3	2.8
26.0																3.0	2.4	1.9	3.3	2.7	2.3
28.0																			2.7	2.2	1.8
30.0																			2.2	1.7	1.4
32.0																			1.8	1.3	0.9
34.0	Tab. no.: 673R-75/2068/174+8.0/05.13 HA-S 0,3° Tab. no.: 673R-75/1671/174+8.0/09.13 HA-S 0,3° Tab. no.: 673R-75/2068/8.9+8.0/09.13 HA-S 0,3°																				
36.0																					
Parts reeving	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
I	0%	0%	0%	33%	33%	33%	66%	66%	66%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
II	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	33%	33%	66%	66%	66%	100%	100%	100%
III	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	33%	33%	66%	66%	66%	100%	100%	100%
The lifting capacities must be reduced with the fly boom mounted on the basic body.																					
Reduction of load [kg]	770			610			510			430			340			280			240		

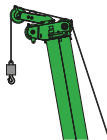
673E Crane equipment



Elevating work platform type 4000/1000



673E Safe working load programs

		Main boom		Auxiliary jib 5 t		Fly boom 8 m		Fly boom 15 m	
									
Undercarriage track width		 4.1 m	 3.2 m	 4.1 m	 3.2 m	 4.1 m	 3.2 m	 4.1 m	 3.2 m
Counterweight [t]	Carbody counter-weight (t)								
 17.4 t	 8.0 t	360° 	360° 	360° 	360° 	360° 	—	360° 	—
 8.9 t	 8.0 t	360° 	360° 	360° 	360° 	—	—	—	—
 8.9 t	 0 t	360° 	—	360° 	—	—	—	—	—
 0 t	 0 t	360° 	—	360° 	—	—	—	—	—

Comment:

Safe working loads are also available for 2° and 4° incline, as well as 0 t counterweight and 0 t undercarriage ballast.

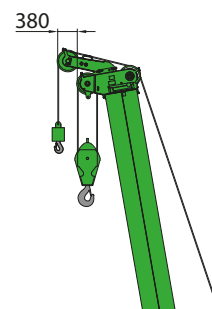
1. The specified safe working load values apply for level ($\pm 0.3^\circ$) and stable stance of the machine.
2. The safe working load values are specified in tons (t) and apply for 360 degrees.
3. The safe working loads are in accordance with EN 13000.
4. The weight of the load handling devices (e.g. hook, rope) must be subtracted from the safe working load values.
5. The working load values must be limited or reduced in order to take unfavorable conditions into account, such as soft or uneven ground, inclined slopes, wind, lateral forces, swinging loads, jerking or sudden stopping of the load, inexperience of the personnel or driving with a load.
6. Permissible rope winch per strand in crane operation for rope diameter 16 mm - 5,000 kg.
7. The specified safe working load values are only for orientation. See the tables in the operating manual for the respectively valid safe working loads.

673E Fly jib

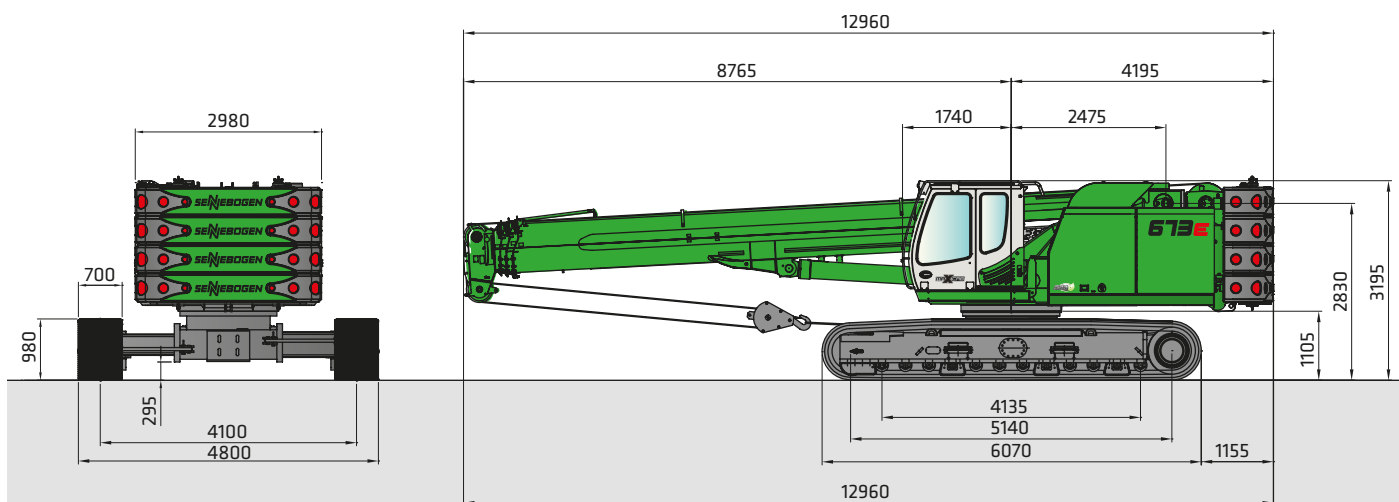


Fly jib variants

- Fly jib 8 m*
10 t safe working load, maximum 2-strand, possible offset angle 0°/20°/40°
- Fly jib 15 m*
with 7 m extension, 5 t safe working lead, maximum 1-strand, Offset angle 0°/20°/40°
- Auxiliary jib
5 t safe working load, 1-strand

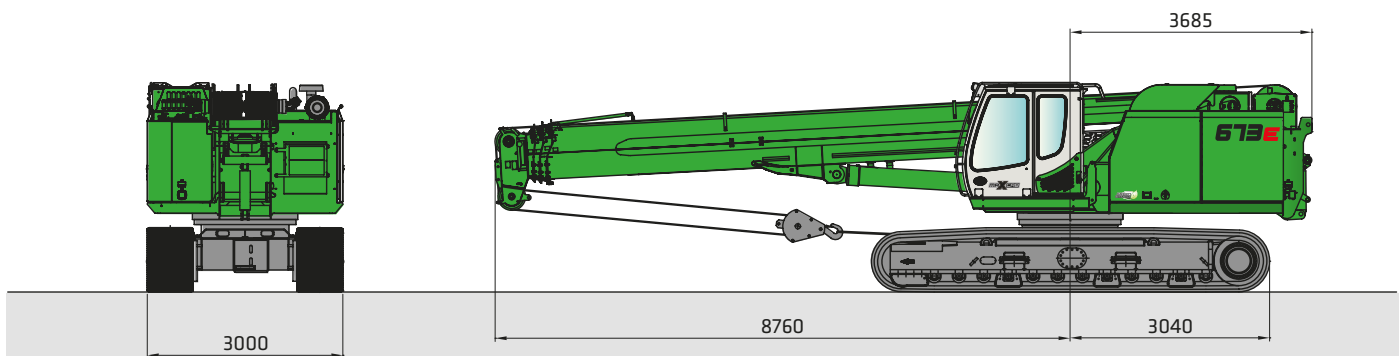


673E Transport dimensions and weights



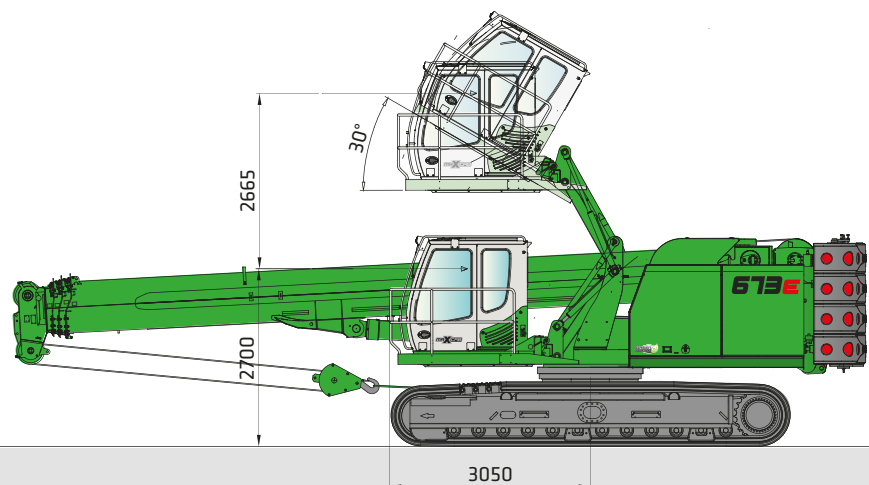
673 R with undercarriage T73/ 410 undercarriage and 700 mm 3-grouser base plates

Operating weight: approximately 69,800 kg (with 8 m fly boom, 2 hoisting winches, counterweight and undercarriage ballast)



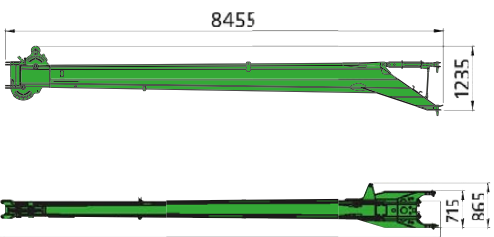
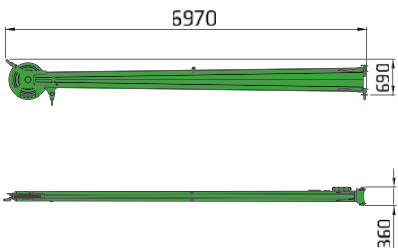
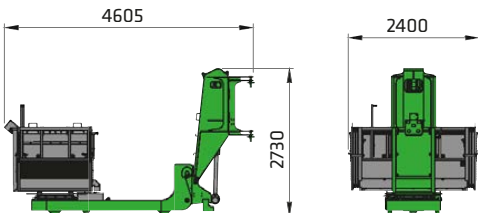
Transport weight: approximately 45,500 kg (8 m fly boom, 2 hoisting winches, without counterweight, without undercarriage ballast)

Transport weight: approximately 53,600 kg (8 m fly boom, 2 hoisting winches, with counterweight, without undercarriage ballast)



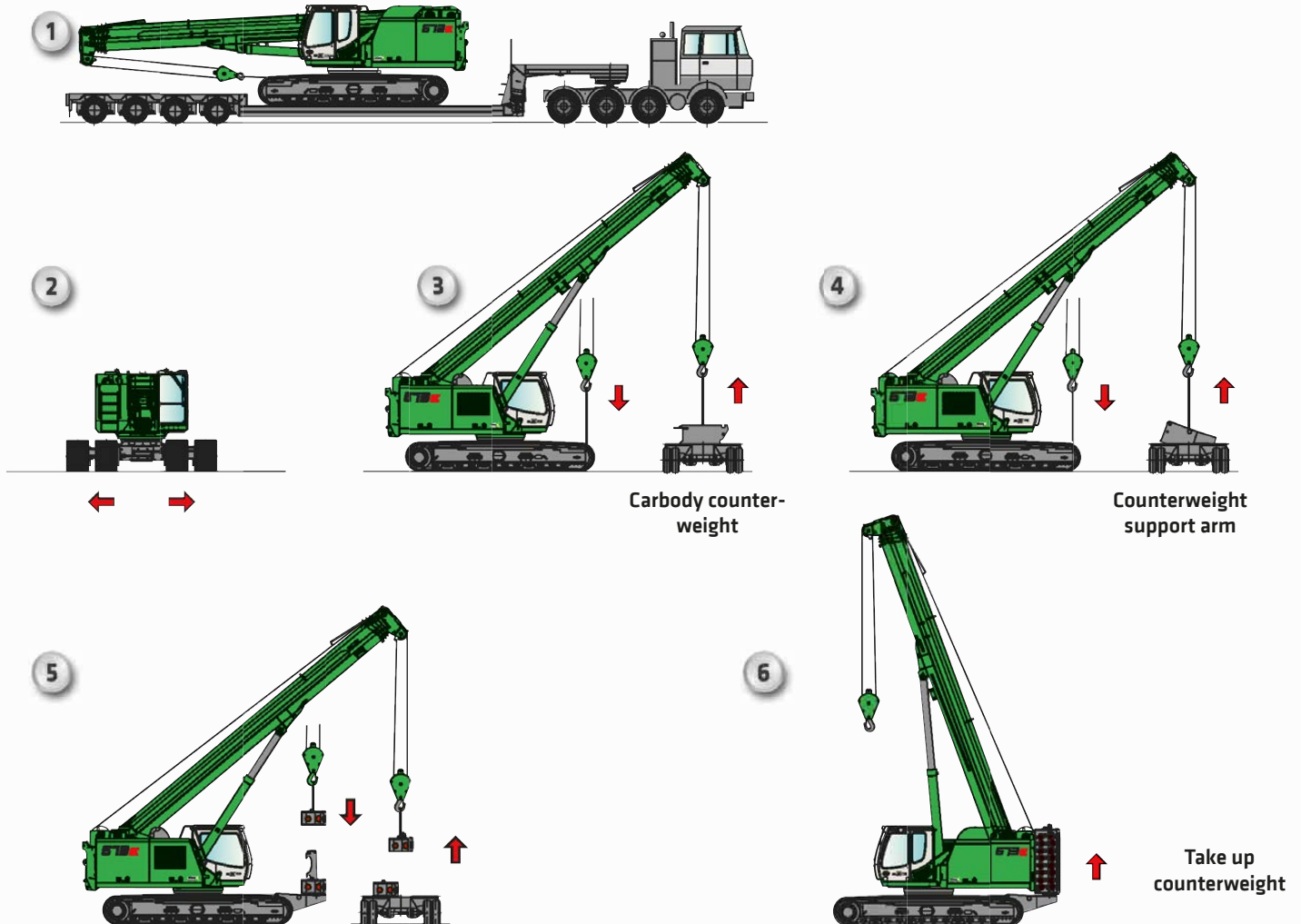
Option: 2.7 m hydraulically elevating cab E270, additional weight: approximately 1,200 kg

673E Transport dimensions and weights

	Carbody counterweight	2x	4000 kg
	Counterweight support arm	1x	590 kg
	Base plate for counterweight	1x	440 kg
	Counterweight	4x	4250 kg
	Fly jib 8 m		730 kg
	Fly jib extension 7 m		305 kg
	Auxiliary jib 5 t		50 kg
	Working platform incl. adapter, width: 2.4 m		2300 kg

673E R

Self assembly system



This catalog describes machine models, the scope of equipment of individual models, and configuration possibilities (standard equipment and optional equipment) of the machines delivered by SENNEBOGEN Maschinenfabrik. Machine illustrations can contain optional equipment and supplemental equipment. Depending on the country in which the machines are delivered, deviations from the equipment are possible, particularly with regard to standard equipment and optional equipment.

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