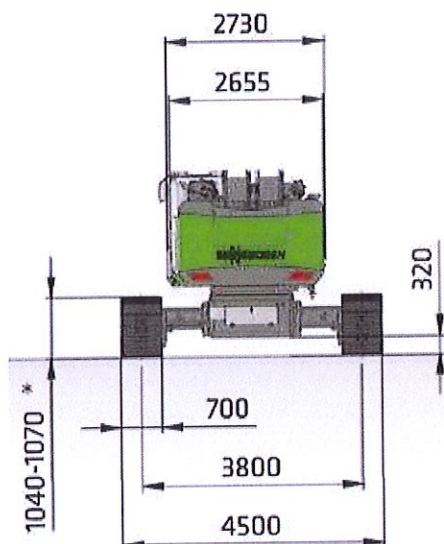


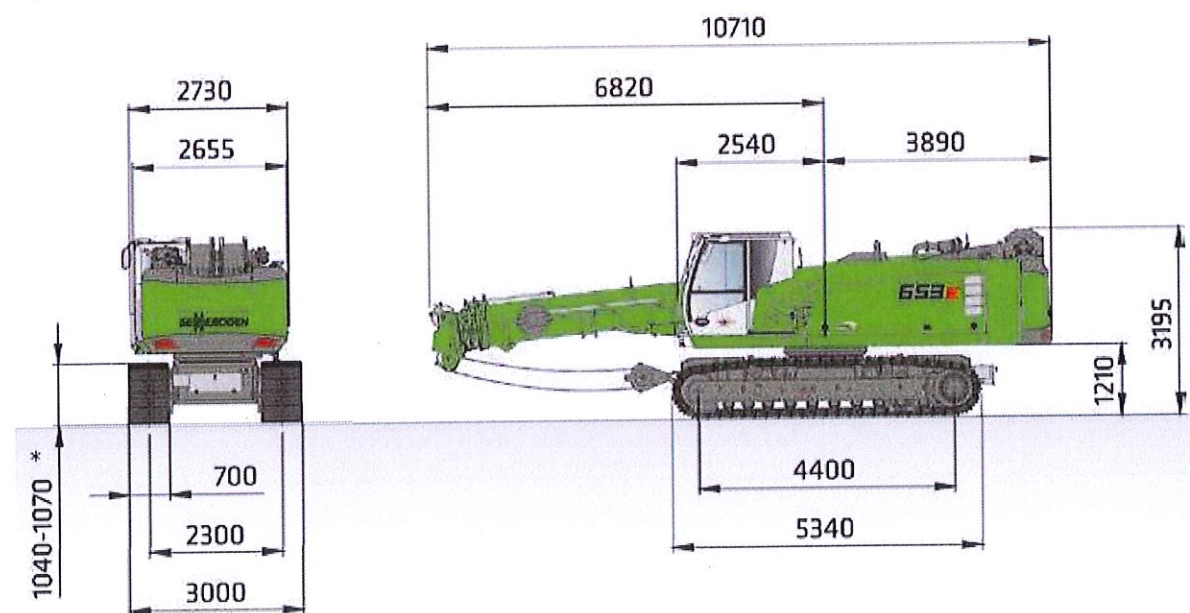
TRANSPORT DIMENSIONS



BASE PLATES	MIN. TRANSPORT WIDTH
700 mm	3000 mm
800 mm	3300 mm
900 mm	3400 mm

i **Operating weight:** approx. 50,200 kg (13 m fly jib, 2 hoisting winches, 8.9 t counterweight and 5.5 t undercarriage ballast and 35 t hook)

653 WITH T41/380 UNDERCARRIAGE T41/380 AND 700 mm TRIPLE GROUSER SHOES



i **Transport weight:** approx. 44,700 kg (13 m fly jib, 2 hoisting winches, without undercarriage ballast)
approx. 50,200 kg (13 m fly jib, 2 hoisting winches, with undercarriage ballast)

Dimensions in [mm]

* depending on base plate
Subject to technical changes.

CRANE EQUIPMENT

MAIN BOOM
HA 30.4 m



**UNDERCARRIAGE
BALLAST**
5.5 T



BALLAST
8.9 t

EN



MAX. INCLINATION
0.3°

RADIUS [m]	BOOM LENGTH [m]																				
	9.4			12.8			16.3			19.8			23.3			26.8			30.4		
Undercarriage track width [m]	3.8	3.0	2.3	3.8	3.0	2.3	3.8	3.0	2.3	3.8	3.0	2.3	3.8	3.0	2.3	3.8	3.0	2.3	3.8	3.0	2.3
2.0	50.0	40.0		31.0	31.0		28.0	26.0		15.6	15.6		14.5	14.5							
3.0	45.0	40.0		31.0	31.0		25.0	24.4		15.6	15.6		14.5	14.5		12.7	12.7				
4.0	38.0	30.0	24.0	31.0	30.0	22.7	22.0	21.7	20.0	15.6	15.6	15.6	14.5	14.5	14.5	12.6	12.6	12.6	9.2	9.2	9.2
5.0	30.0	22.5	17.0	28.0	22.6	17.3	19.3	19.3	16.0	15.6	15.6	15.5	14.2	14.2	14.2	12.4	12.4	12.4	9.2	9.2	9.2
6.0	22.0	17.0	13.0	22.5	17.0	13.2	16.9	16.6	12.8	14.9	14.9	12.6	13.6	13.6	12.3	11.9	11.9	11.9	9.2	9.2	9.2
7.0	18.9 / 6.7m	14.5 / 6.7m	11.2 / 6.7m	17.5	13.4	10.4	15.0	13.3	10.3	13.6	13.4	10.4	12.5	12.5	10.2	11.1	11.1	10.0	9.1	9.1	9.1
8.0				14.2	10.9	8.4	13.5	10.8	8.3	12.2	11.2	8.7	11.2	11.2	8.7	10.3	10.3	8.6	8.7	8.7	8.4
9.0				11.7	9.0	7.0	11.7	8.9	6.9	11.1	9.3	7.3	10.2	9.6	7.5	9.4	9.4	7.4	8.2	8.2	7.3
10.0				9.9	7.5	5.8	9.9	7.5	5.8	10.1	7.9	6.1	9.3	8.2	6.4	8.6	8.3	6.4	7.8	7.8	6.4
11.0							8.5	6.4	4.9	8.9	6.8	5.2	8.5	7.0	5.5	8.0	7.2	5.6	7.3	7.3	5.6
12.0							7.4	5.5	4.1	7.7	5.9	4.5	7.9	6.1	4.7	7.3	6.3	4.9	6.8	6.4	5.0
13.0							6.4	4.7	3.5	6.8	5.1	3.9	7.1	5.4	4.1	6.8	5.5	4.3	6.4	5.7	4.4
14.0							6.2 / 13.5m	4.6 / 13.5m	3.4 / 13.5m	6.0	4.5	3.4	6.2	4.7	3.6	6.3	4.9	3.8	5.9	5.0	3.9
15.0										5.4	3.9	2.9	5.6	4.2	3.2	5.8	4.4	3.3	5.6	4.5	3.5
16.0										4.8	3.5	2.5	5.0	3.7	2.8	5.2	3.9	2.9	5.2	4.0	3.1
17.0										4.5	3.3	2.4	4.5	3.3	2.4	4.7	3.5	2.6	4.9	3.6	2.7
18.0													4.1	2.9	2.1	4.3	3.1	2.3	4.4	3.2	2.4
19.0													3.7	2.6	1.8	3.9	2.8	2.0	4.1	2.9	2.1
20.0													3.3	2.3	1.5	3.6	2.5	1.7	3.7	2.6	1.9
21.0													3.3 / 20.5m	2.2 / 20.5m	1.5 / 20.5m	3.3	2.2	1.5	3.4	2.4	1.6
22.0																3.0	2.0	1.3	3.1	2.1	1.4
23.0																2.7	1.8	1.1	2.9	1.9	1.2
24.0																2.6	1.7	1.1	2.6	1.7	1.1
25.0																			2.4	1.5	0.9
26.0																			2.2	1.3	0.7
27.0																			0.3 / 27.5m	0.3 / 27.5m	0.3 / 27.5m
Number of falls	10	8	8	7	7	6	6	6	5	4	4	4	3	3	3	3	3	3	2	2	2
I		0 %			50 %			100 %			100 %			100 %			100 %			100 %	
II		0 %			0 %			0 %			25 %			50 %			75 %			100 %	
III		0 %			0 %			0 %			25 %			50 %			75 %			100 %	
The load ratings must be reduced if there's a 13 m fly jib folded to the side of the main boom.																					
Load capacity reduction [kg]	580			420			330			270			230			200			180		

Tab. no.: 653R-75/1977/8.9+5.5/10.14 HA 0.3°
Tab. no.: 653R-75/1577/8.9+5.5/10.14 HA 0.3°
Tab. no.: 653R-75/1227/8.9+5.5/10.14 HA 0.3°

Subject to technical changes. See page 29 for notes on load charts.

CRANE EQUIPMENT



MAIN BOOM
HA 30.4 m



UNDERCARRIAGE
BALLAST
5.5 T



MAX. INCLINATION
2°



BALLAST
8.9 t



TRACK WIDTH
3.8 m

CRANE EQUIPMENT

RADIUS [m]	BOOM LENGTH [m]						
	9.4	12.8	16.3	19.8	23.3	26.8	30.4
2.0	40.0	24.8	22.4	12.5	11.6		
3.0	36.0	24.8	20.0	12.5	11.6	10.2	
4.0	30.4	24.8	17.6	12.5	11.6	10.1	6.0
5.0	24.0	22.4	15.4	12.5	11.4	9.9	6.0
6.0	17.6	18.0	13.5	11.9	10.9	9.5	6.0
7.0		14.0	12.0	10.9	10.0	8.9	6.0
8.0		11.4	10.8	9.8	9.0	8.2	6.0
9.0		9.4	9.4	8.9	8.2	7.5	6.0
10.0			7.9	8.1	7.4	6.9	5.9
11.0			6.8	7.1	6.8	6.4	5.7
12.0			5.9	6.2	6.3	5.8	5.4
13.0			5.1	5.4	5.7	5.4	5.1
14.0				4.8	5.0	5.0	4.7
15.0				4.3	4.5	4.6	4.5
16.0				3.8	4.0	4.2	4.2
17.0					3.6	3.8	3.8
18.0					3.3	3.4	3.2
19.0					3.0	3.0	2.6
20.0					2.6	2.6	2.1
21.0						2.1	1.7
22.0						1.7	1.3
23.0						1.3	0.9
24.0							0.6
Number of falls	10	8	6	4	4	4	4
I	0 %	50 %	100 %	100 %	100 %	100 %	100 %
II	0 %	0 %	0 %	25 %	50 %	75 %	100 %
III	0 %	0 %	0 %	25 %	50 %	75 %	100 %
The load ratings must be reduced if there's a 13 m fly jib folded to the side of the main boom.							
Load capacity reduction [kg]	580	420	330	270	230	200	180

Tab. no.: 653R-75/1977/8-9+5.5/0215 HA 2°

CRANE EQUIPMENT

MAIN BOOM
HA 30.4 m

EN



**UNDERCARRIAGE
BALLAST**
5.5 T



MAX. INCLINATION
4°



BALLAST
8.9 t



TRACK WIDTH
3.8 m

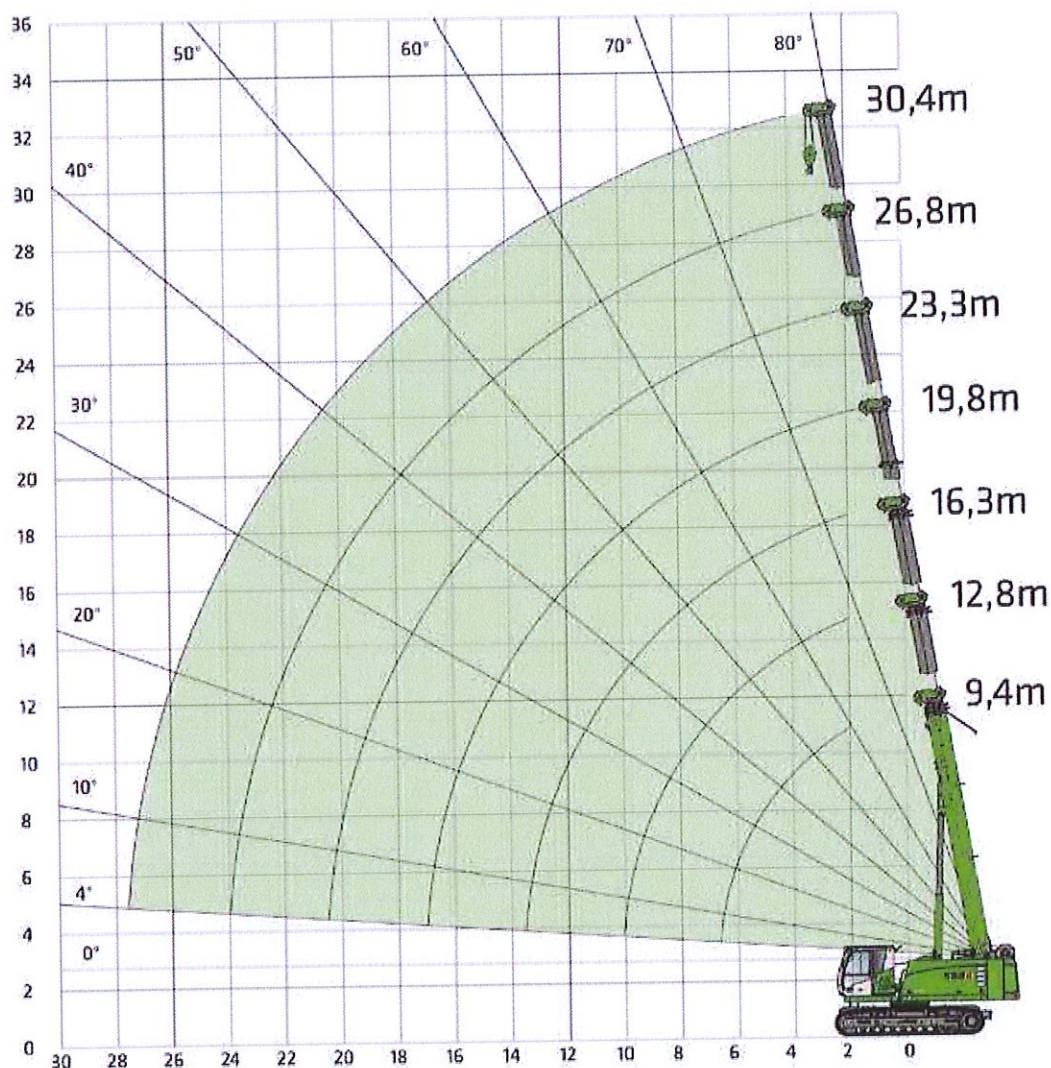
RADIUS [m]	BOOM LENGTH [m]						
	9.4	12.8	16.3	19.8	23.3	26.8	30.4
2.0	32.0	19.8	17.9	10.0	9.3		
3.0	28.8	19.8	16.0	10.0	9.3	7.0	
4.0	24.3	19.8	14.1	10.0	9.3	7.0	4.4
5.0	19.2	17.9	12.4	10.0	9.1	7.0	4.4
6.0	14.1	14.4	10.8	9.5	8.7	7.0	4.4
7.0		11.2	9.6	8.7	8.0	7.0	4.4
8.0		9.1	8.6	7.8	7.2	6.6	4.4
9.0		7.5	7.5	7.1	6.5	6.0	4.4
10.0			6.3	6.5	6.0	5.5	4.4
11.0			5.4	5.7	5.4	5.1	4.4
12.0			4.7	4.9	5.1	4.7	4.4
13.0			4.1	4.4	4.5	4.4	4.1
14.0				3.8	4.0	4.0	3.8
15.0				3.5	3.6	3.7	3.5
16.0				3.1	3.2	3.1	3.0
17.0					2.7	2.7	2.5
18.0					2.3	2.2	2.0
19.0					1.9	1.8	1.6
20.0					1.6	1.5	1.3
21.0						1.2	1.0
22.0						0.9	0.7
23.0						0.6	
Number of falls	10	8	6	4	4	4	4
I	0 %	50 %	100 %	100 %	100 %	100 %	100 %
II	0 %	0 %	0 %	25 %	50 %	75 %	100 %
III	0 %	0 %	0 %	25 %	50 %	75 %	100 %
The load ratings must be reduced if there's a 13 m fly jib folded to the side of the main boom.							
Load capacity reduction [kg]	580	420	330	270	230	200	180

Tab. no.: 653R-75/1977/8.9+5.5/0215 HA 4°

CRANE EQUIPMENT

CRANE EQUIPMENT

MAIN BOOM
HA 30.4 m



HOOK

CAPACITY [t]	WEIGHT [kg]	CABLE REEVING AND MAX. LOAD CAPACITY									
		10	9	8	7	6	5	4	3	2	1
5 t	80 kg										5,000 kg
15 t (1-roll)	190 kg								15,000 kg	10,000 kg	5,000 kg
35 t (3-roll)	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-roll)	540 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