

TECH. SPEC.***B-775 Specification***

Crane capacity	Capacity:	7,5 t x 2,5 m
Max. working radius	max.:	18,6 m (with extension 20,0 m)
Max. lifting height	approx.:	19,5 m (with boom extension 25,0 m)
Dimensions	folded:	5610 mm (l) x 1670 mm (w) x 2185 mm (h)
Weight	unladen:	8310 kg
Point loadings	Due to many variables, point loadings are only available on request	
Hook speed	ca.:	11 m / min (4-falls)
Telescopic system	boomlength :	4,8 ~ 19,2 m
	telescoping speed :	14,40 m / 52 seconds
	Boom type:	6 section hydraulically telescoping boom, hexagonal box section construction
Derricking angle/speed	approx.:	0 bis 80 °/ 16 seconds
Slew angle/speed	approx:	360° (continous) 2,5 U/min-1
Jib system	5,0 m boom extension with head sheave, (offset 20 °) 2,1 m assembly jib with swivel hook , (offset 0°,20°,40°,60°)	
Traction system	hydrostatic continuously variable: forward and backward Travel speed: max. 3 km/h gradeability : max. 23° track ground length: 2240 mm track width: 400 m track ground pressure: ca. 0,45 kg/cm ²	
Engine	fuel : diesel maximal output : 23,5 kW (32PS) / 2500 U/min starting method : electric tank capacity: 74 liter additional engine : Electric 380V /AC 50/60 Hz) power: 7,5 kw	
Standard equipment	electronic safe load indicator, intelligent voice warning system, radio remote control, electric drive 380V, German hoist rope, 2-sheaves hook block, max. capacity 7,5 t, Single line hook, max. capacity 1,1 t, working lights , black rubber drive tracks, driver´s seat	
Optional equipment	gray-white rubber tracks, track-protectors-coatings, underlay-protection plates	

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2,1 m assembly jib with svivel hook 0° / 20° 40° / 60° offset



with max. outriggers 5,9 x 5,9 m, working range 360°

m working radius	19,2 m main boom				
	2,1 m assembly jib				
	60°	40°	20°	0°	
6,0	0,80	0,80			
7,0	0,80	0,80			
8,0	0,80	0,80			
9,0	0,80	0,80			
10,0	0,80	0,80			
10,5	0,80	0,80			
11,0	0,65	0,65	0,65		
11,5	0,55	0,55	0,55		
12,0	0,47	0,47	0,47		
13,0	0,33	0,33	0,33		
14,0	0,26	0,26	0,26		
15,0	0,21	0,21	0,21		
16,0	0,17	0,17	0,17		0,17
17,0	0,13	0,13	0,13		0,13
18,0	0,10	0,10	0,10	0,10	
svivel hook					

load chart (t)

remarks referring to load charts

The lifting capacities (stability margin) DIN are as laid down in DIN 15019, part 2.

Lifting capacities are given in metric tons.

The weight of the hook blocks and hooks must be deducted from the lifting capacities.

The assembly jib with 0 / 20° offset can only be used with a boom angel of 40 / 60°.

Otherwise the lifting load will hit the boom

Subject to modification of lifting capacities, all data without any warranty

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load chart 5,0 m boom extension

20° offset

with max. outriggers, working range 360°

m working radius	5,0 m boom extension		
	main boom length		
	13,5 m	16,3 m	19,2 m
6,0	1,10	1,10	1,10
7,0	1,10	1,10	1,10
8,0	1,10	1,10	1,10
9,0	1,10	1,10	1,10
10,0	1,10	1,10	1,10
11,0	0,95	0,95	0,95
12,0	0,85	0,85	0,85
13,0	0,70	0,70	0,70
14,5	0,65	0,65	0,65
15,5	0,55	0,55	0,55
16,5		0,45	0,45
18,0		0,35	0,35
19,0			0,20
20,0			0,10
single line hook			

load chart (t)

remarks referring to load charts

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Subject to modification of lifting capacities, without any warranty

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load chart main boom

with minimal outriggers, working range 360°

m working radius	main boom length					
	4,8 m	7,7 m	10,6 m	13,5 m	16,3 m	19,2 m
2,5	6,60	6,60				
3,0	6,60	6,60	5,00			
3,5	6,00	5,88	5,00	3,02		
4,0	5,00	5,11	5,00	3,02	2,14	
5,0		2,80	2,91	3,02	2,14	1,21
6,0		1,81	1,87	2,03	2,14	1,21
6,5		1,53	1,59	1,73	1,70	1,21
7,0		1,26	1,32	1,43	1,25	1,21
8,0			0,93	1,10	1,15	1,21
9,0			0,71	0,82	0,88	1,00
10,0			0,49	0,60	0,71	0,77
11,0				0,47	0,55	0,63
12,0				0,36	0,44	0,50
13,0				0,26	0,33	0,40
14,0					0,25	0,31
15,0					0,19	0,25
16,0					0,14	0,19
17,0						0,15
18,0						0,10
18,6						0,07

hook block 2-sheaves

load chart (t)

remarks referring to load charts

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Subject to modification of lifting capacities, without any engagement

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load chart main boom

with medium outriggers, working range 360°

m working radius	main boom length					
	4,8 m	7,7 m	10,6 m	13,5 m	16,3 m	19,2 m
2,5	6,60					
3,0	6,60	6,60				
3,5	6,00	5,88	5,00			
4,0	5,33	5,22	5,00	3,24		
5,0		4,12	4,01	3,24	2,58	
6,0		2,69	3,24	2,80	2,58	1,48
6,5		2,28	2,58	2,40	2,10	1,48
7,0		1,87	1,92	2,03	1,65	1,48
8,0			1,53	1,54	1,65	1,48
9,0			1,04	1,21	1,26	1,29
10,0			0,77	0,93	1,04	1,10
11,0				0,71	0,82	0,90
12,0				0,60	0,66	0,71
13,0				0,44	0,55	0,60
14,0					0,44	0,50
15,0					0,33	0,42
16,0					0,27	0,33
17,0						0,27
18,0						0,22
18,6						0,16

hook block 2-sheaves

load chart (t)

remarks referring to load charts

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Lifting capacities are given in metric tons.

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Subject to modification of lifting capacities, without any engagement

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load chart main boom

with max. outriggers, working range 360°

m working radius	boom length					
	4,8 m	7,7 m	10,6 m	13,5 m	16,3 m	19,2 m
2,5	7,50					
3,0	7,20	6,90				
3,5	6,30	6,10	5,20			
4,0	5,50	5,40	5,20			
5,0		4,30	4,20	3,40		
6,0		3,40	3,40	3,00	2,80	
6,5		3,00	3,10	2,70	2,60	
7,0		2,60	2,80	2,50	2,30	
8,0			2,10	2,20	2,00	1,60
9,0			1,60	1,80	1,70	1,40
10,0			1,20	1,40	1,40	1,20
11,0				1,10	1,20	1,10
12,0				0,96	1,00	0,98
13,0				0,60	0,85	0,86
14,0					0,75	0,75
15,0					0,63	0,62
16,0					0,45	0,50
17,0						0,41
18,0						0,32
18,6						0,25
hook block 2-sheaves						

load charts (t)

remarks referring to load charts

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Lifting capacities are given in metric tons.

The weight of the hook blocks and hooks must be deducted from the lifting capacities.

Subject to modification of lifting capacities, without any engagement