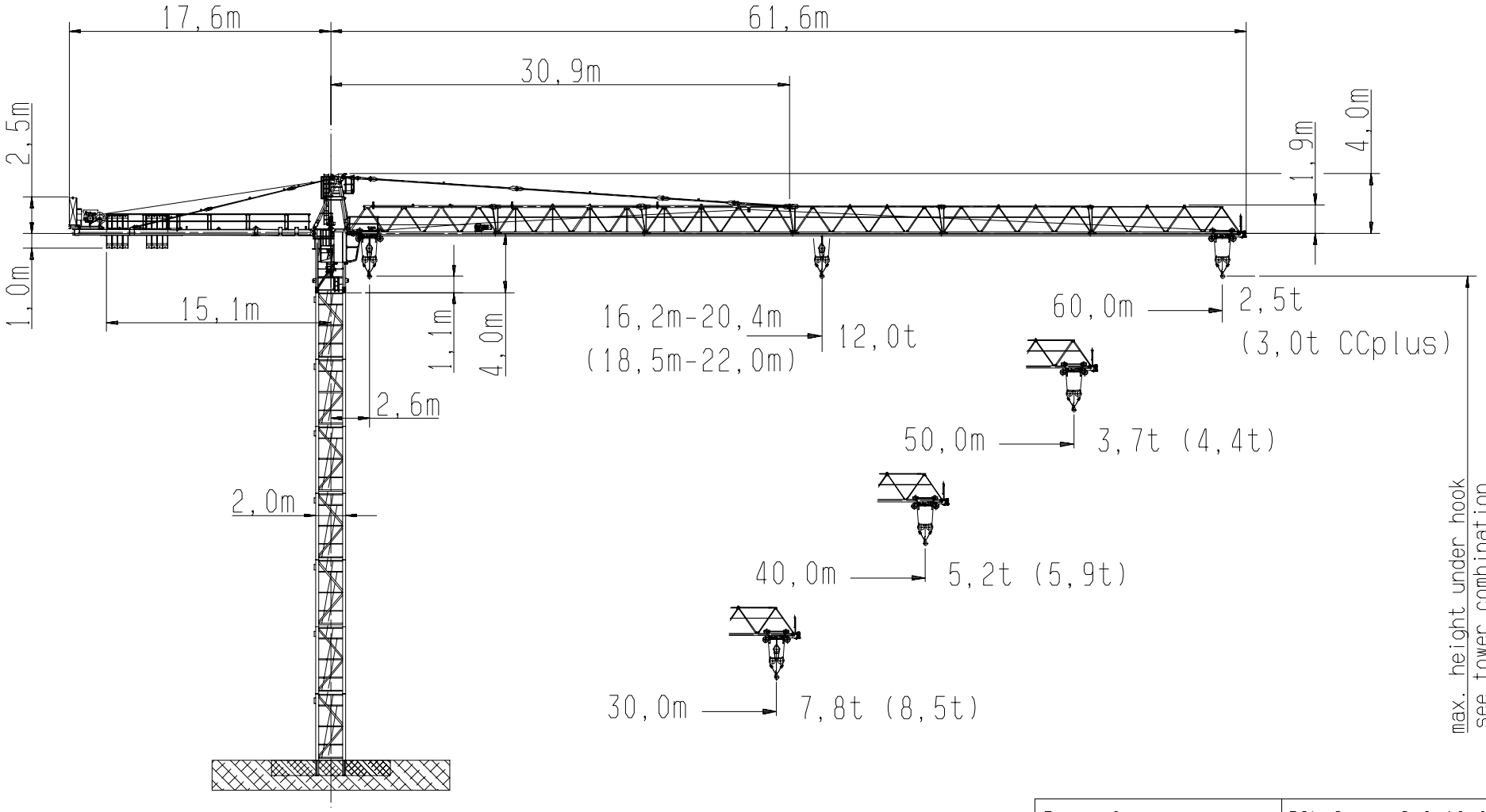
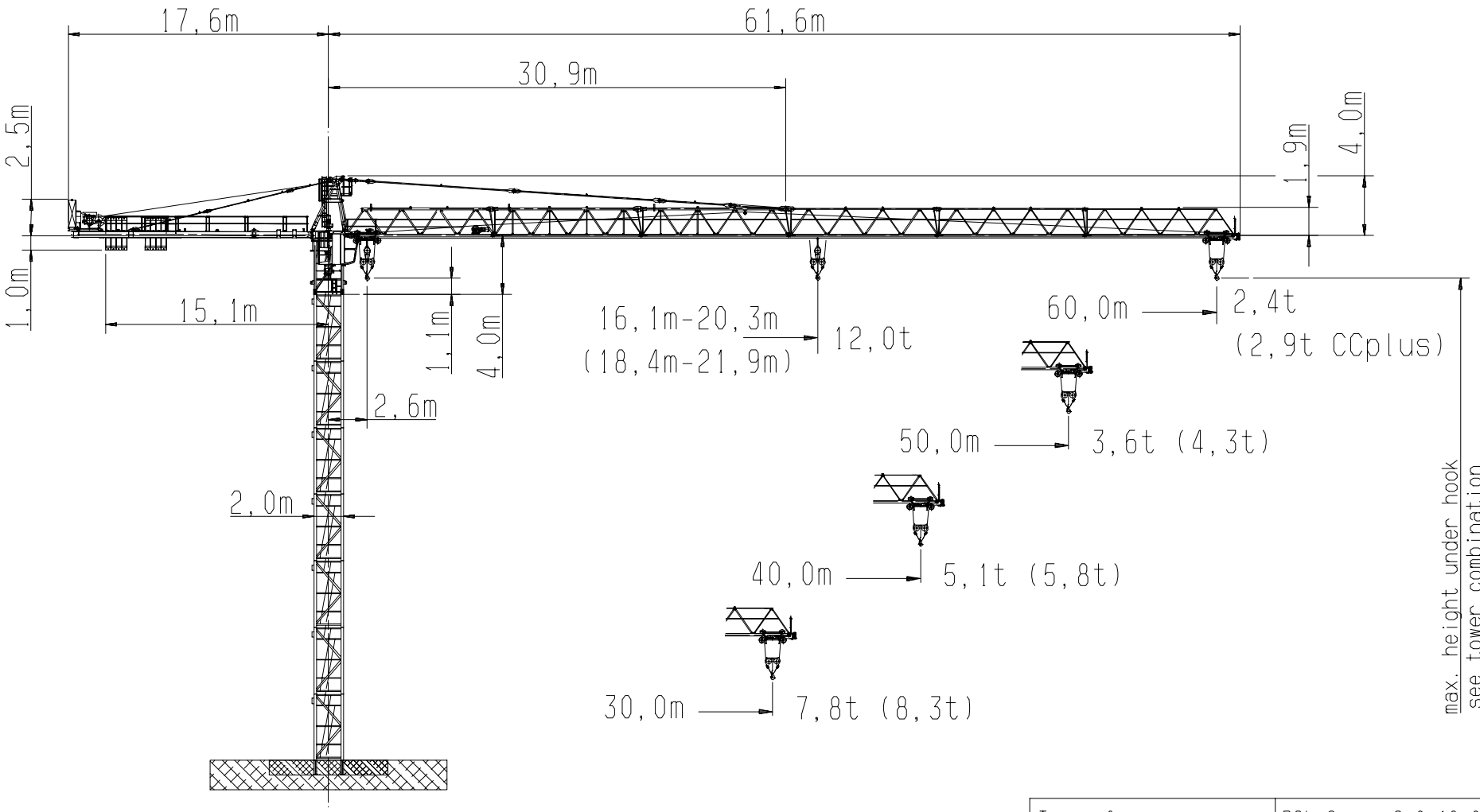


Type of crane	:	BGL-Group C.0.10.0200
Kind of crane	:	Tower crane with trolley jib, top slewing, self climbing
Installation	:	stationary or travelling
Calculation base	:	FEM-HC1 / A3
Load moment	:	max.2465 kNm

PLANING DIAGRAM 6028.12 *compact*

962-3-026598E

(Hw 645 FU / Hw 675 FU)

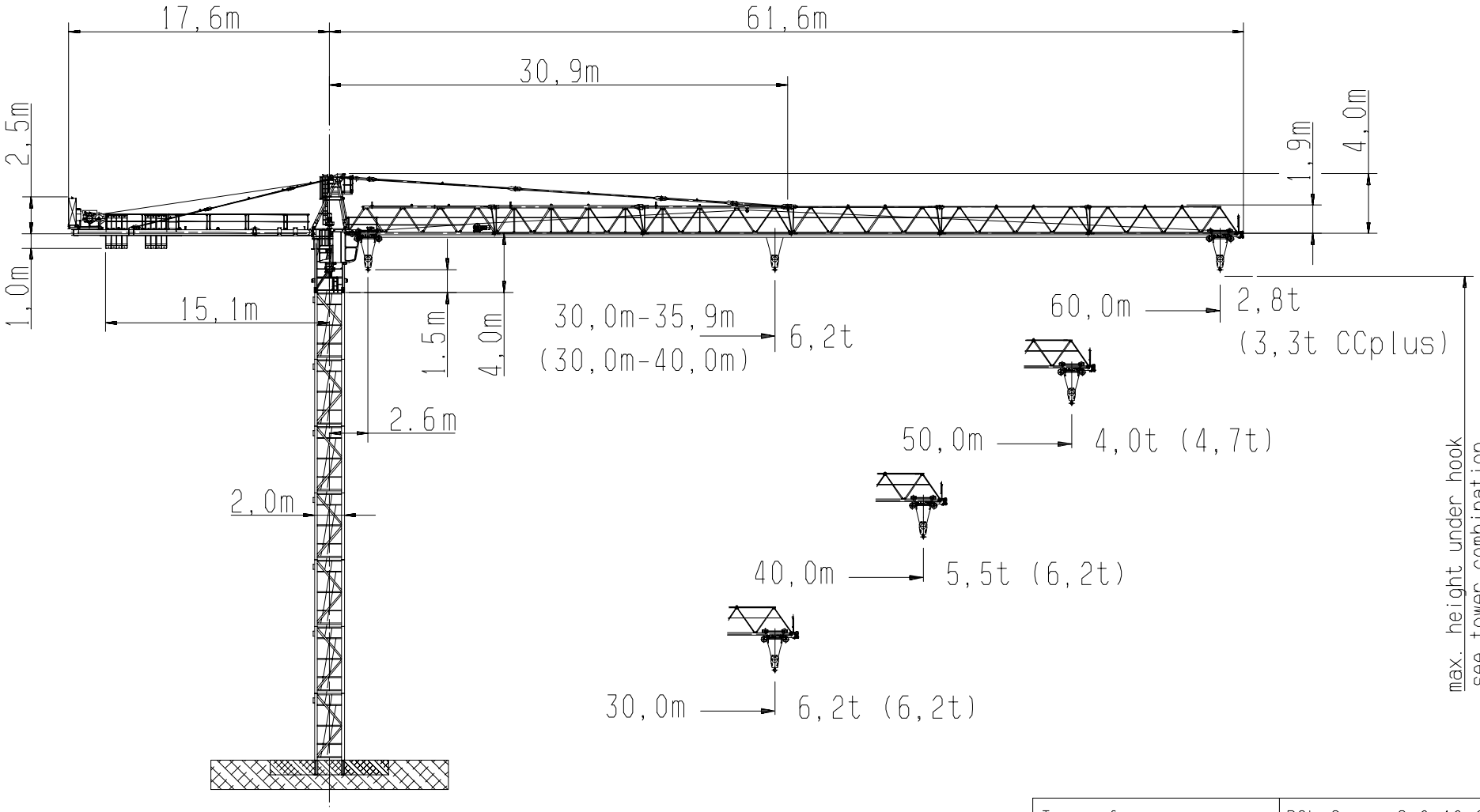


Type of crane	:	BGL-Group C.0.10.0200
Kind of crane	:	Tower crane with trolley jib, top slewing, self climbing
Installation	:	stationary or travelling
Calculation base	:	FEM-HC1 / A3
Load moment	:	max.2465 kNm

PLANING DIAGRAM 6028.12 *compact*

962-3-026599E

(Hw 845 FU / Hw 875 FU)

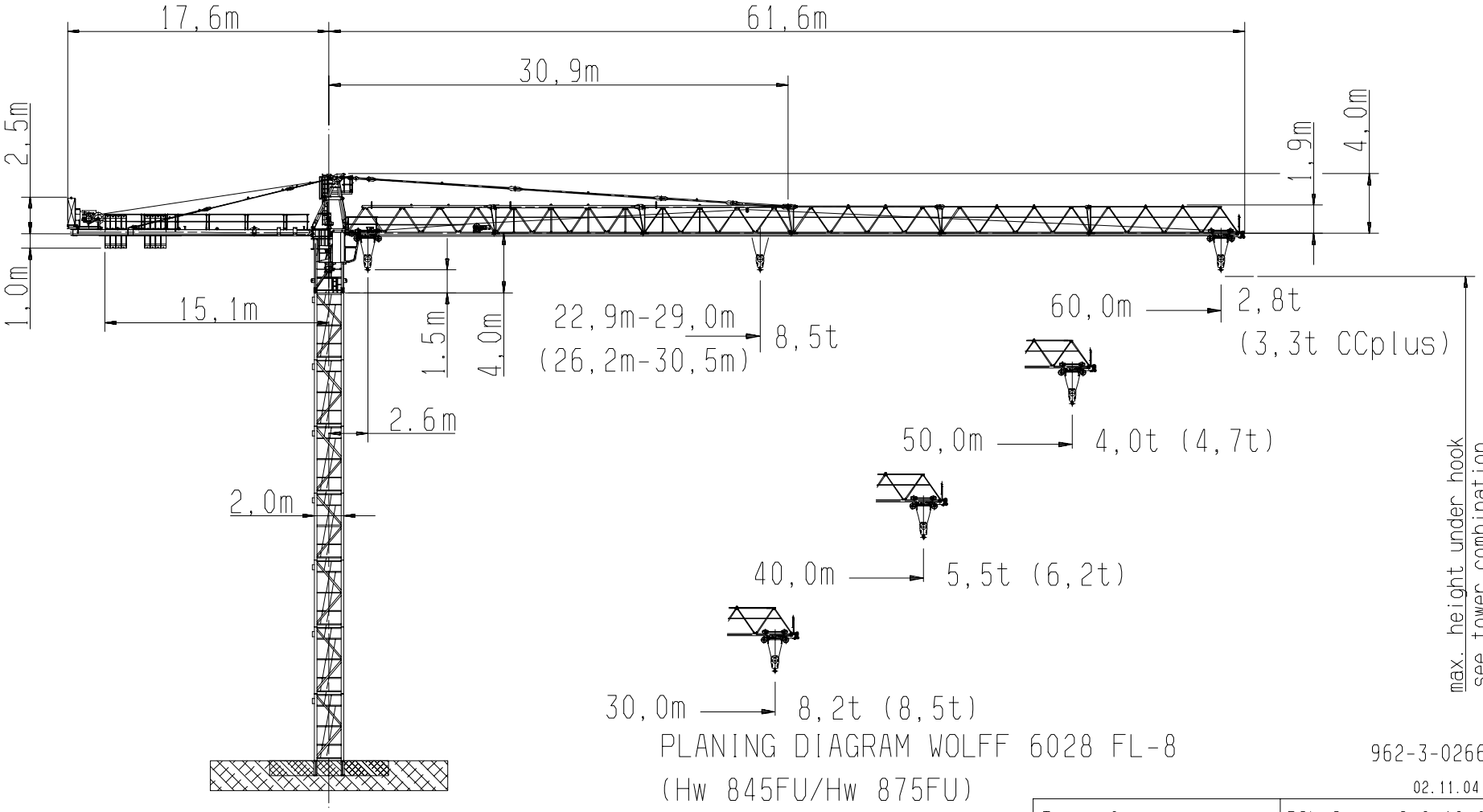


Type of crane	:	BGL-Group C.0.10.0200
Kind of crane	:	Tower crane with trolley jib, top slewing, self climbing
Installation	:	stationary or travelling
Calculation base	:	FEM-HC1 / A3
Load moment	:	max.2465 kNm

PLANING DIAGRAM 6028.6 *compact*

962-3-026600E

(Hw 645 FU / Hw 675 FU)



PLANING DIAGRAM WOLFF 6028 FL-8
(Hw 845FU/Hw 875FU)

962-3-026601E

02.11.04 Groß

Type of crane	:	BGL-Group C.0.10.0200
Kind of crane	:	Tower crane with trolley jib, top slewing, self climbing
Installation	:	stationary or travelling
Calculation base	:	FEM-HC1 / A3
Load moment	:	max.2465 kNm

PLANING DIAGRAM 6028.8 *compact*

962-3-026601E

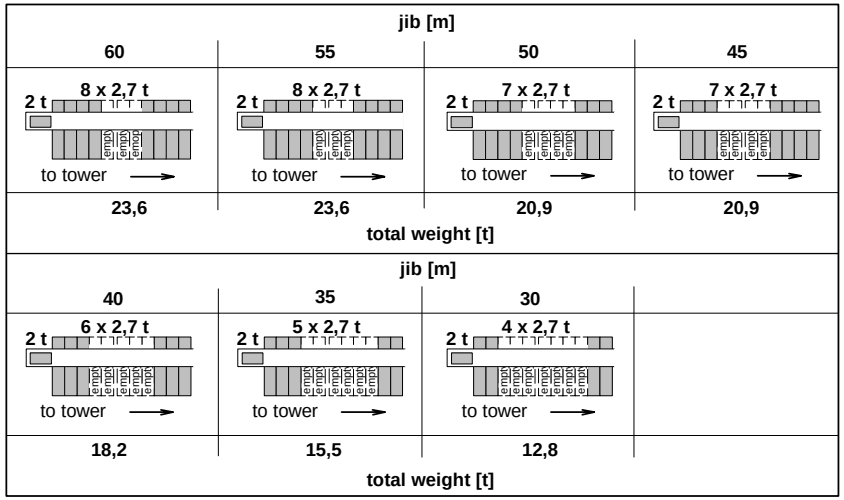
(Hw 845 FU / Hw 875 FU)

2.2.1.1 **Load capacity table**

	radius [m]			25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 16,2		7,4	6,0	4,9	4,2	3,6	3,1	2,7	**2,4**	load capacity [t]
	55	2,6 – 17,4		8,0	6,5	5,4	4,6	3,9	3,4	**3,0**		
	50	2,6 – 18,1		8,4	6,8	5,6	4,8	4,1	**3,6**			
	45	2,6 – 18,7		8,7	7,0	5,9	5,0	**4,3**				
	40	2,6 – 19,0	**12 t**	8,9	7,2	6,0	**5,1**					
	35	2,6 – 19,6		9,1	7,4	**6,2**						
	30	2,6 – 20,4		9,6	**7,8**							
length of jib [m]	**60**	2,6 – 30,3		6,0	6,0	5,0	4,3	3,7	3,2	2,8	**2,5**	load capacity [t]
	55	2,6 – 32,4		6,0	6,0	5,5	4,7	4,0	3,5	**3,1**		
	50	2,6 – 33,7		6,0	6,0	5,7	4,9	4,2	**3,7**			
	45	2,6 – 34,8		6,0	6,0	6,0	5,1	**4,4**				
	40	2,6 – 35,5	**6 t**	6,0	6,0	6,0	**5,2**					
	35	2,6 – 35,0		6,0	6,0	**6,0**						
	30	2,6 – 30,0		6,0	**6,0**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path, with 4 fall operation = 4,8 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 645 FU/Hw 675 FU**

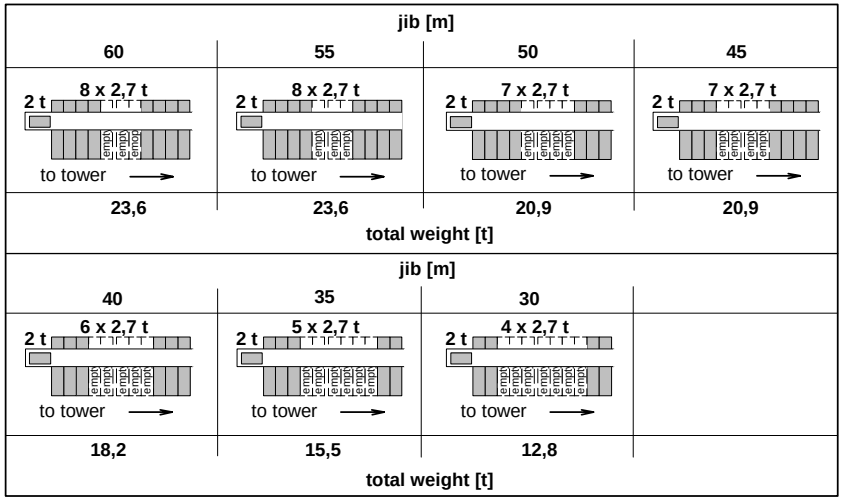


2.2.1.2 **Load capacity table** (these load values are switch-off values)

	radius [m]			25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 18,5		8,6	7,0	5,8	4,9	4,3	3,7	3,3	**2,9**	load capacity [t]
	55	2,6 – 19,9		9,3	7,6	6,3	5,4	4,7	4,1	**3,6**		
	50	2,6 – 20,7		9,8	7,9	6,6	5,7	4,9	**4,3**			
	45	2,6 – 21,1		9,9	8,1	6,8	5,8	**5,0**				
	40	2,6 – 21,2	**12 t**	10,0	8,1	6,8	**5,8**					
	35	2,6 – 21,4		10,1	8,2	**6,9**						
	30	2,6 – 22,0		10,4	**8,5**							
length of jib [m]	**60**	2,6 – 34,5		6,0	6,0	5,9	5,0	4,4	3,8	3,4	**3,0**	load capacity [t]
	55	2,6 – 37,1		6,0	6,0	6,0	5,5	4,8	4,2	**3,7**		
	50	2,6 – 38,7		6,0	6,0	6,0	5,8	5,0	**4,4**			
	45	2,6 – 39,3		6,0	6,0	6,0	5,9	**5,1**				
	40	2,6 – 39,4	**6 t**	6,0	6,0	6,0	**5,9**					
	35	2,6 – 35,0		6,0	6,0	**6,0**						
	30	2,6 – 30,0		6,0	**6,0**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path, with 4 fall operation = 4,8 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 645 FU/Hw 675 FU**

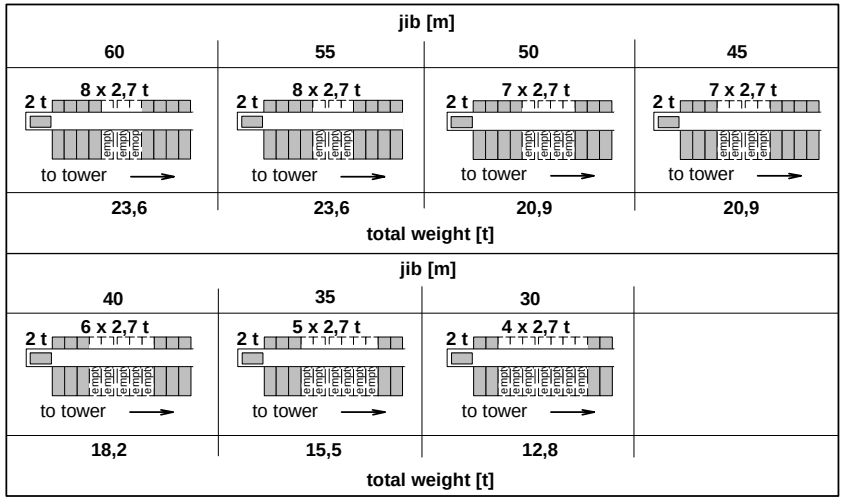


2.2.1.3 **Load capacity table**

radius [m]				25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 30,6	**6,2 t**	6,2	6,2	5,3	4,6	4,0	3,5	3,1	**2,8**	load capacity [t]
	55	2,6 – 32,8		6,2	6,2	5,8	5,0	4,3	3,8	**3,4**		
	50	2,6 – 34,1		6,2	6,2	6,0	5,2	4,5	**4,0**			
	45	2,6 – 35,3		6,2	6,2	6,2	5,4	**4,7**				
	40	2,6 – 35,9		6,2	6,2	6,2	**5,5**					
	35	2,6 – 35,0		6,2	6,2	**6,2**						
	30	2,6 – 30,0		6,2	**6,2**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 645 FU/Hw 675 FU**

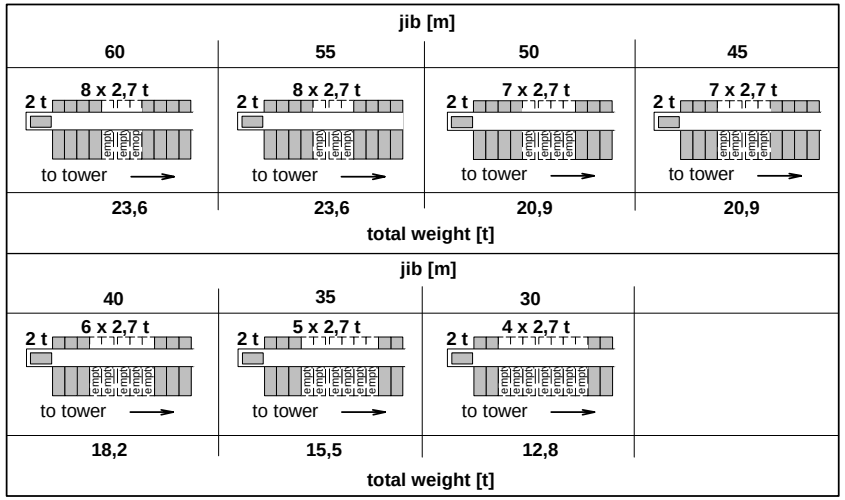


2.2.1.4 **Load capacity table** (these load values are switch-off values)

radius [m]				25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 34,9	**6,2 t**	6,2	6,2	6,2	5,3	4,6	4,1	3,7	**3,3**	load capacity [t]
	55	2,6 – 37,5		6,2	6,2	6,2	5,8	5,1	4,5	**4,0**		
	50	2,6 – 39,2		6,2	6,2	6,2	6,1	5,3	**4,7**			
	45	2,6 – 39,8		6,2	6,2	6,2	6,2	**5,4**				
	40	2,6 – 40,0		6,2	6,2	6,2	**6,2**					
	35	2,6 – 35,0		6,2	6,2	**6,2**						
	30	2,6 – 30,0		6,2	**6,2**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 645 FU/Hw 675 FU**

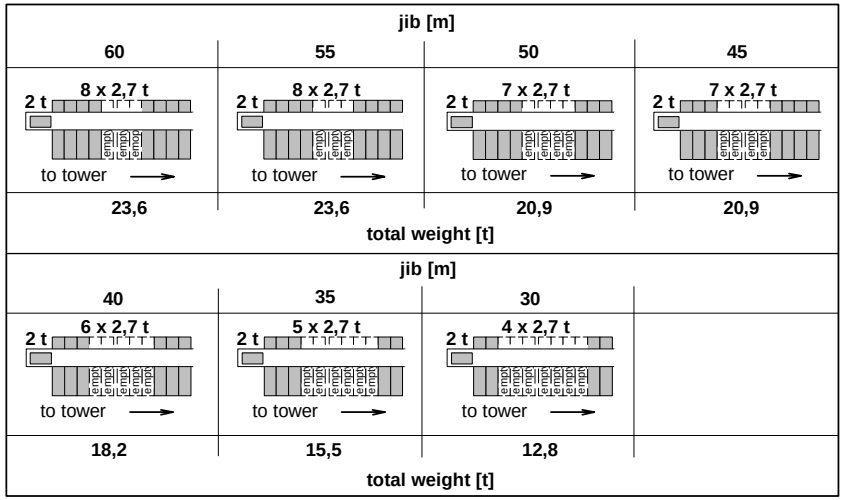


2.2.1.5 **Load capacity table**

radius [m]				25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 16,1		7,3	5,9	4,8	4,1	3,5	3,0	2,6	**2,3**	load capacity [t]
	55	2,6 – 17,3		7,9	6,4	5,3	4,5	3,8	3,3	**2,9**		
	50	2,6 – 18,0		8,3	6,7	5,5	4,7	4,0	**3,5**			
	45	2,6 – 18,5		8,6	6,9	5,8	4,9	**4,2**				
	40	2,6 – 18,9	**12 t**	8,8	7,1	5,9	**5,0**					
	35	2,6 – 19,4		9,0	7,3	**6,1**						
	30	2,6 – 20,3		9,5	**7,7**							
length of jib [m]	**60**	2,6 – 22,6		7,4	6,0	4,9	4,2	3,6	3,1	2,7	**2,4**	load capacity [t]
	55	2,6 – 24,2		8,0	6,5	5,4	4,6	3,9	3,4	**3,0**		
	50	2,6 – 25,2		8,3	6,8	5,6	4,8	4,1	**3,6**			
	45	2,6 – 26,0		8,3	7,0	5,9	5,0	**4,3**				
	40	2,6 – 26,5	**8,3 t**	8,3	7,2	6,0	**5,1**					
	35	2,6 – 27,2		8,3	7,4	**6,2**						
	30	2,6 – 28,4		8,3	**7,8**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path, with 4 fall operation = 4,8 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 845 FU/Hw 875 FU**

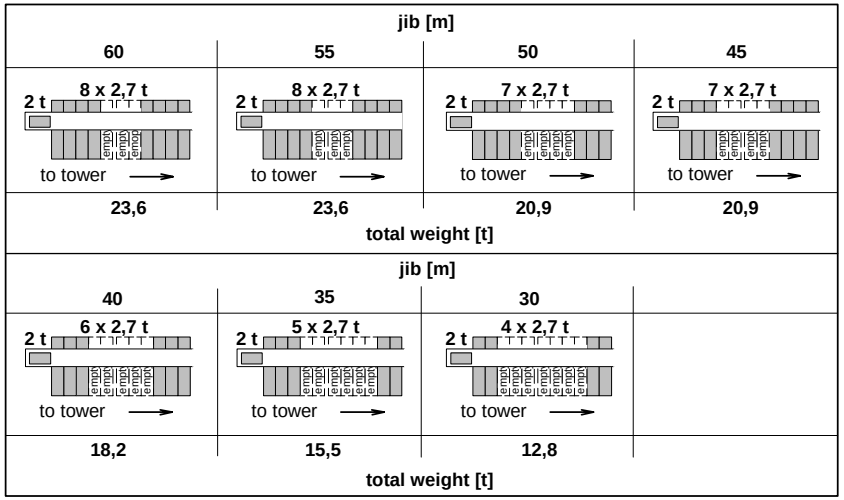


2.2.1.6 **Load capacity table** (these load values are switch-off values)

radius [m]				25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 18,4		8,5	6,9	5,7	4,8	4,2	3,6	3,2	**2,8**	load capacity [t]
	55	2,6 – 19,7		9,2	7,5	6,2	5,3	4,6	4,0	**3,5**		
	50	2,6 – 20,6		9,7	7,8	6,5	5,6	4,8	**4,2**			
	45	2,6 – 20,9		9,8	8,0	6,7	5,7	**4,9**				
	40	2,6 – 21,0	**12 t**	9,9	8,0	6,7	**5,7**					
	35	2,6 – 21,3		10,0	8,1	**6,8**						
	30	2,6 – 21,9		10,3	**8,4**							
length of jib [m]	**60**	2,6 – 25,7		8,3	7,0	5,8	4,9	4,3	3,7	3,3	**2,9**	load capacity [t]
	55	2,6 – 27,7		8,3	7,6	6,3	5,4	4,7	4,1	**3,6**		
	50	2,6 – 28,9		8,3	7,9	6,6	5,7	4,9	**4,3**			
	45	2,6 – 29,3		8,3	8,1	6,8	5,8	**5,0**				
	40	2,6 – 29,4	**8,3 t**	8,3	8,1	6,8	**5,8**					
	35	2,6 – 29,8		8,3	8,2	**6,9**						
	30	2,6 – 30,0		8,3	**8,3**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path, with 4 fall operation = 4,8 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 845 FU/Hw 875 FU**

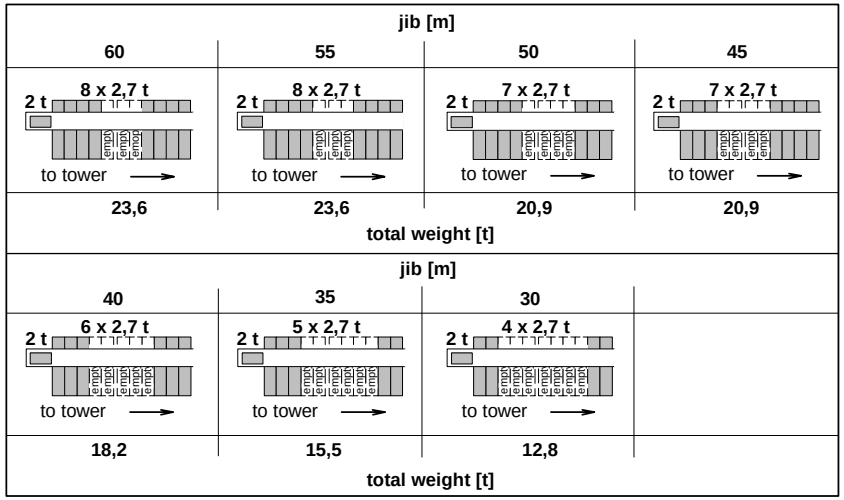


2.2.1.7 **Load capacity table**

radius [m]				25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 22,9	**8,5 t**	7,7	6,3	5,3	4,6	4,0	3,5	3,1	**2,8**	load capacity [t]
	55	2,6 – 24,6		8,4	6,8	5,8	5,0	4,3	3,8	**3,4**		
	50	2,6 – 25,6		8,5	7,2	6,0	5,2	4,5	**4,0**			
	45	2,6 – 26,5		8,5	7,4	6,3	5,4	**4,7**				
	40	2,6 – 27,0		8,5	7,6	6,4	**5,5**					
	35	2,6 – 27,8		8,5	7,8	**6,6**						
	30	2,6 – 29,0		8,5	**8,2**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 845 FU/Hw 875 FU**

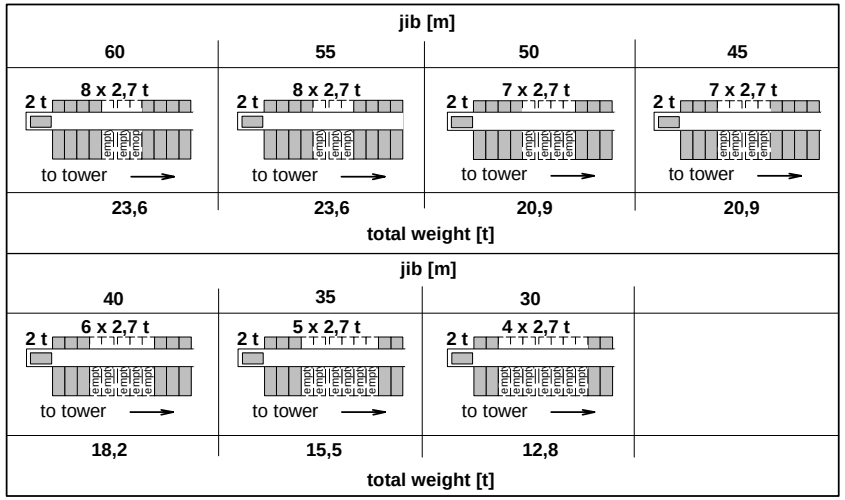


2.2.1.8 **Load capacity table** (these load values are switch-off values)

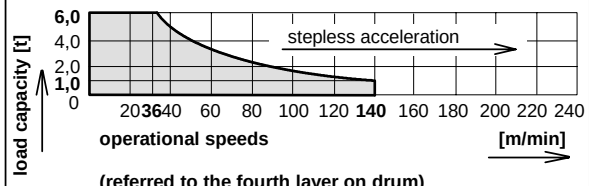
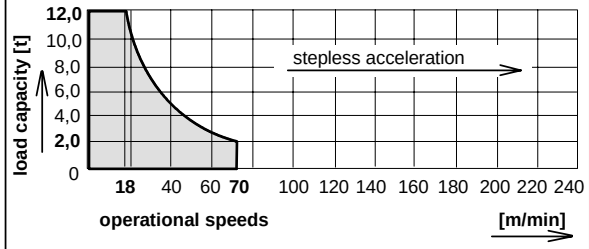
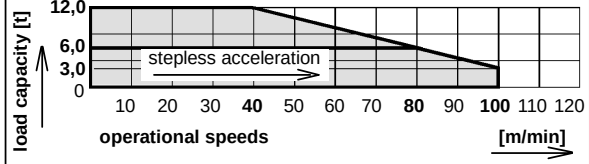
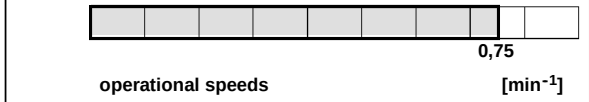
radius [m]				25	30	35	40	45	50	55	60	
length of jib [m]	**60**	2,6 – 26,2	**8,5 t**	8,5	7,3	6,2	5,3	4,6	4,1	3,7	**3,3**	load capacity [t]
	55	2,6 – 28,2		8,5	7,9	6,7	5,8	5,1	4,5	**4,0**		
	50	2,6 – 29,4		8,5	8,3	7,0	6,1	5,3	**4,7**			
	45	2,6 – 29,9		8,5	8,5	7,2	6,2	**5,4**				
	40	2,6 – 30,0		8,5	8,5	7,2	**6,2**					
	35	2,6 – 30,5		8,5	8,5	**7,3**						
	30	2,6 – 30,0		8,5	**8,5**							

The load capacities refer to a hook path of 42,0 m. With greater hook paths the safe working load will be minimized by the additional weight of the hoisting cable (with 2 fall operation = 2,4 kg per meter hook path).

Arrangement of counterweights with hoisting winch **Hw 845 FU/Hw 875 FU**

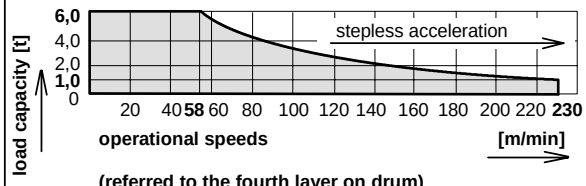
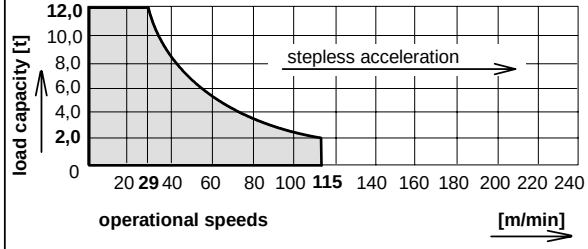
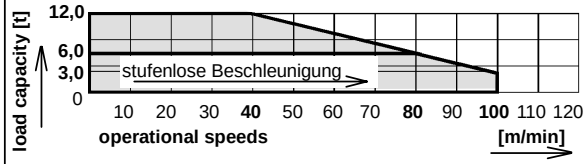
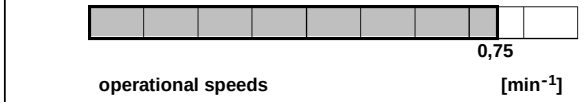


2.2.2.1 **Operational speeds** 400 V, 50 Hz

drive [model]	operational speeds load capacity	max. lift [m]	output [kW]	total output [kVA]
Hw 645 FU	hoisting	190	45	
	 (referred to the fourth layer on drum)			
		95		68,0 total output for a simultaneity factor of 0,8
				
Kw	travelling		9,0	
				
Dw	slewing 0,75 min^{-1}		2 x 6,0	
				

962-4-026619E

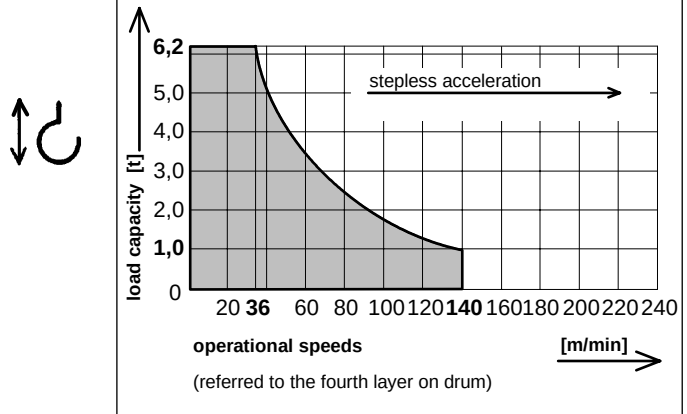
2.2.2.2 **Operational speeds** 400 V, 50 Hz

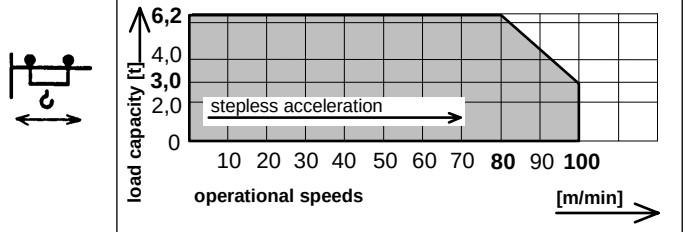
drive [model]	operational speeds load capacity	max. lift [m]	output [kW]	total output [kVA]
Hw 675 FU	hoisting	460	75	
	 (referred to the fourth layer on drum)			
		230		96,0 total output for a simultaneity factor of 0,8
				
Kw	travelling		9,0	
				
Dw	slewing 0,75 min^{-1}		2 x 6,0	
				

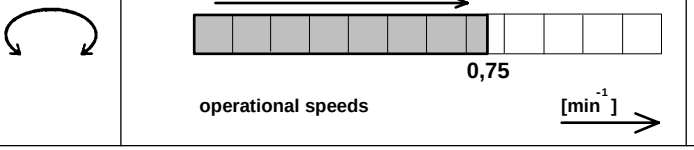
962-4-026620E

2.2.2.3 Operational speeds 400 V, 50 Hz

drive [model]	operational speeds load capacity	max. lift [m]	output [kW]	total output [kVA]
Hw 645 FU	hoisting	190	45	68,0 total output for a simultaneity factor 0,8
Kw	travelling		9,0	
Dw	slewing 0,75 min^{-1}		2 x 6,0	

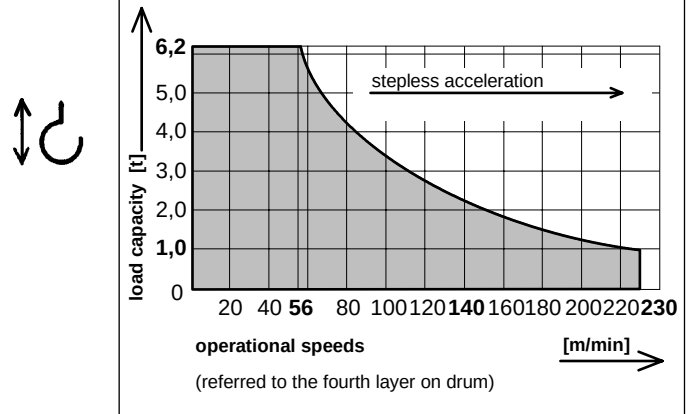


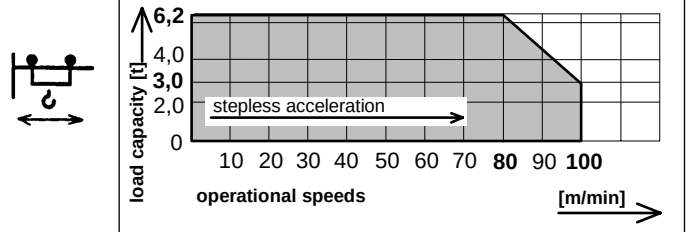


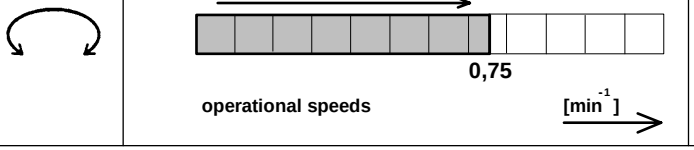


2.2.2.4 Operational speeds 400 V, 50 Hz

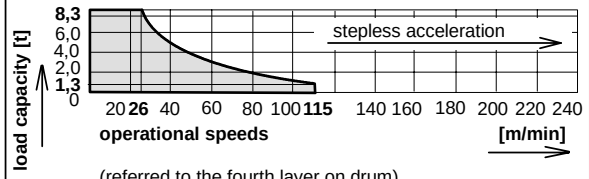
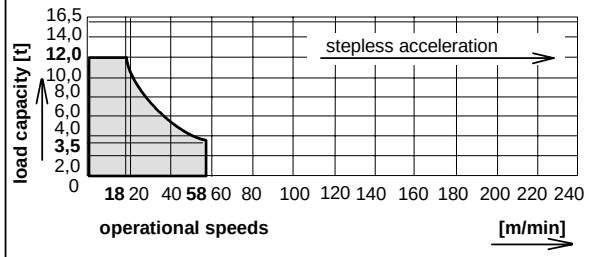
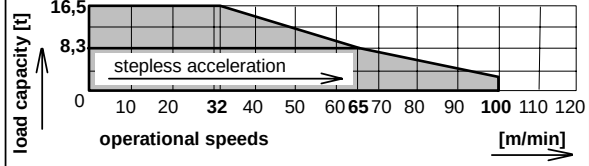
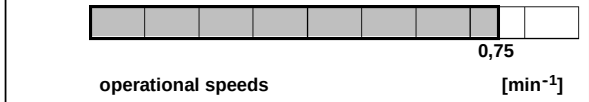
drive [model]	operational speeds load capacity	max. lift [m]	output [kW]	total output [kVA]
Hw 675 FU	hoisting	460	75	96,0 total output for a simultaneity factor 0,8
Kw	travelling		9,0	
Dw	slewing 0,75 min^{-1}		2 x 6,0	



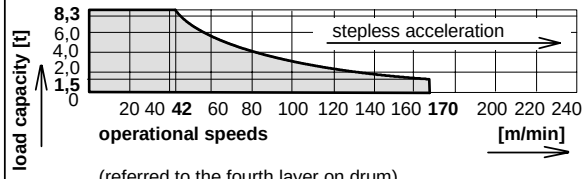
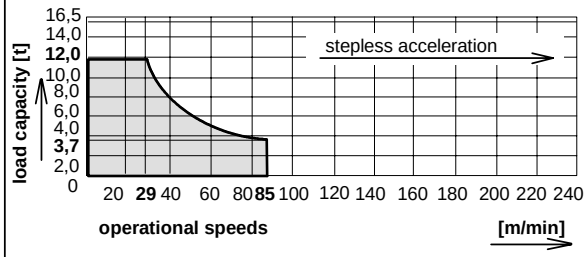
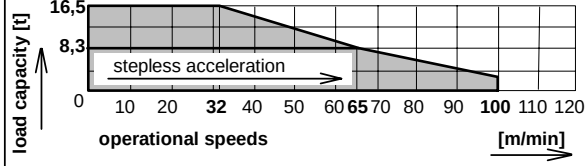
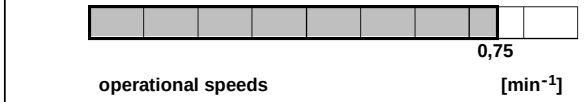




2.2.2.5 **Operational speeds** 400 V, 50 Hz

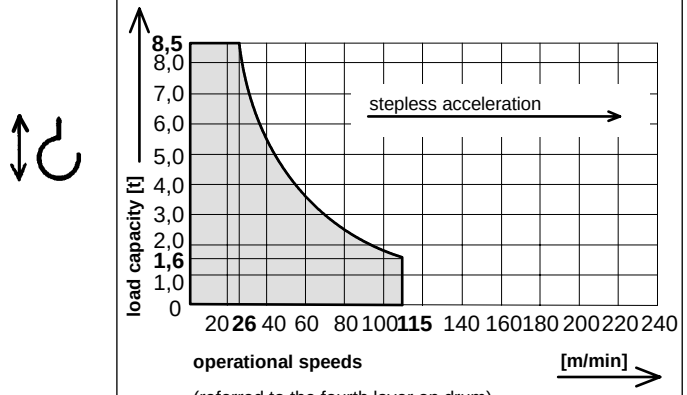
drive [model]	operational speeds load capacity	max. lift [m]	output [kW]	total output [kVA]
Hw 845 FU	hoisting	190	45	
	 (referred to the fourth layer on drum)			
		95		68,0 total output for a simultaneity factor of 0,8
				
Kw	travelling		9,0	
				
Dw	slewing 0,75 min^{-1}		2 x 6,0	
				

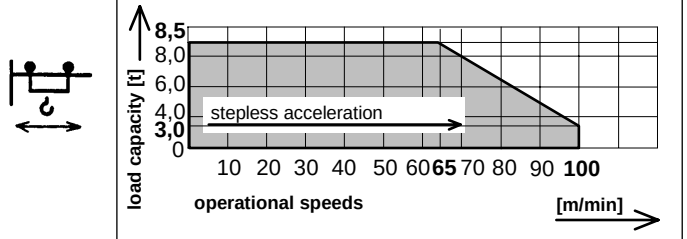
2.2.2.6 **Operational speeds** 400 V, 50 Hz

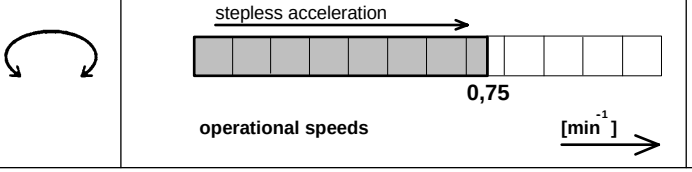
drive [model]	operational speeds load capacity	max. lift [m]	output [kW]	total output [kVA]
Hw 875 FU	hoisting	460	75	
	 (referred to the fourth layer on drum)			
		230		96,0 total output for a simultaneity factor of 0,8
				
Kw	travelling		9,0	
				
Dw	slewing 0,75 min^{-1}		2 x 6,0	
				

2.2.2.7 **Operational speeds** 400 V, 50 Hz

drive [model]	operational speeds load capacity	max. lift [m]	output [kW]	total output [kVA]
Hw 845 FU	hoisting	190	45	68,0 total output for a simultaneity factor 0,8
Kw	travelling		9,0	
Dw	slewing 0,75 min $^{-1}$		2 x 6,0	

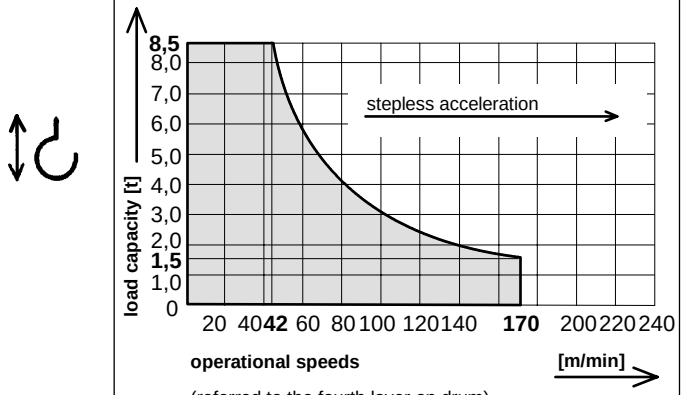


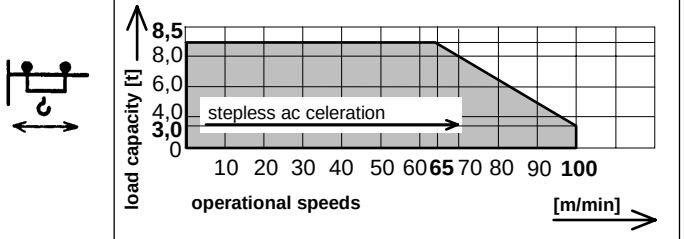


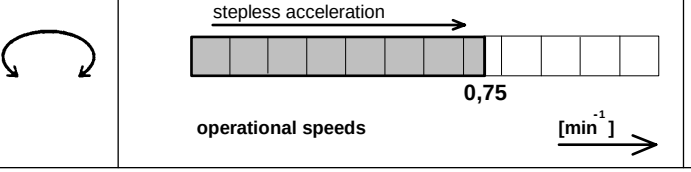


2.2.2.8 **Operational speeds** 400 V, 50 Hz

drive [model]	operational load capacity	max. lift max. [m]	output [kW]	total output [kVA]
Hw 875 FU	hoisting	460	75	96,0 total output for a simultaneity factor 0,8
Kw	travelling		9,0	
Dw	slewing 0,75 min^{-1}		2 x 6,0	







2.2.3.1 **6 t / Load capacity [kg] Hw 645 FU / Hw 675 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	6000	6000	6000	6000	6000	6000	6000
16	6000	6000	6000	6000	6000	6000	6000
17	6000	6000	6000	6000	6000	6000	6000
18	6000	6000	6000	6000	6000	6000	6000
19	6000	6000	6000	6000	6000	6000	6000
20	6000	6000	6000	6000	6000	6000	6000
21	6000	6000	6000	6000	6000	6000	6000
22	6000	6000	6000	6000	6000	6000	6000
23	6000	6000	6000	6000	6000	6000	6000
24	6000	6000	6000	6000	6000	6000	6000
25	6000	6000	6000	6000	6000	6000	6000
26	6000	6000	6000	6000	6000	6000	6000
27	6000	6000	6000	6000	6000	6000	6000
28	6000	6000	6000	6000	6000	6000	6000
29	6000	6000	6000	6000	6000	6000	6000
30	6000	6000	6000	6000	6000	6000	6000
31		6000	6000	6000	6000	6000	5830
32		6000	6000	6000	6000	6000	5620
33		6000	6000	6000	6000	5870	5410
34		6000	6000	6000	5940	5670	5220
35		6000	6000	6000	5700	5500	5000
36			5900	5770	5550	5300	4870
37			5710	5580	5370	5120	4710
38			5530	5410	5200	4960	4560
39			5360	5240	5040	4810	4420
40			5200	5100	4900	4700	4300
41				4930	4740	4520	4150
42				4790	4610	4390	4030
43				4650	4470	4260	3910
44				4520	4350	4140	3790
45				4400	4200	4000	3700
46					4110	3910	3580
47					4000	3810	3480
48					3900	3710	3390
49					3800	3610	3300
50					3700	3500	3200
51						3430	3130
52						3340	3050
53						3260	2970
54						3180	2900
55						3100	2800
56							2750
57							2690
58							2620
59							2560
60							2500

The load capacities refer to a range of lift of 42 m

2.2.3.2 **6 t / Load capacity [kg] Hw 645 FU / Hw 675 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	6000	6000	6000	6000	6000	6000	6000
16	6000	6000	6000	6000	6000	6000	6000
17	6000	6000	6000	6000	6000	6000	6000
18	6000	6000	6000	6000	6000	6000	6000
19	6000	6000	6000	6000	6000	6000	6000
20	6000	6000	6000	6000	6000	6000	6000
21	6000	6000	6000	6000	6000	6000	6000
22	6000	6000	6000	6000	6000	6000	6000
23	6000	6000	6000	6000	6000	6000	6000
24	6000	6000	6000	6000	6000	6000	6000
25	6000	6000	6000	6000	6000	6000	6000
26	6000	6000	6000	6000	6000	6000	6000
27	6000	6000	6000	6000	6000	6000	6000
28	6000	6000	6000	6000	6000	6000	6000
29	6000	6000	6000	6000	6000	6000	6000
30	6000	6000	6000	6000	6000	6000	6000
31		6000	6000	6000	6000	6000	6000
32		6000	6000	6000	6000	6000	6000
33		6000	6000	6000	6000	6000	6000
34		6000	6000	6000	6000	6000	6000
35		6000	6000	6000	6000	6000	5900
36			6000	6000	6000	6000	5710
37			6000	6000	6000	6000	5520
38			6000	6000	6000	5830	5350
39			6000	6000	5940	5650	5190
40			5900	5900	5800	5500	5000
41				5700	5600	5330	4880
42				5540	5440	5170	4740
43				5390	5290	5030	4610
44				5240	5140	4890	4480
45				5100	5000	4800	4400
46					4870	4630	4240
47					4750	4510	4120
48					4630	4390	4020
49					4510	4280	3910
50					4400	4200	3800
51						4070	3720
52						3970	3620
53						3880	3540
54						3790	3450
55						3700	3400
56							3290
57							3210
58							3140
59							3070
60							3000

The load capacities refer to a range of lift of 42 m

2.2.3.3 **12 t / Load capacity [kg] Hw 645 FU / Hw 675 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	12000	12000	12000	12000	12000	12000	12000
16	12000	12000	12000	12000	12000	12000	12000
17	12000	12000	12000	12000	12000	12000	11400
18	12000	12000	12000	12000	12000	11550	10710
19	12000	12000	12000	11770	11370	10880	10080
20	12000	11720	11360	11130	10740	10280	9520
21	11640	11110	10760	10540	10170	9740	9010
22	11060	10550	10220	10010	9660	9240	8550
23	10530	10040	9730	9520	9190	8790	8130
24	10040	9570	9270	9080	8760	8370	7740
25	9590	9100	8900	8700	8400	8000	7400
26	9180	8750	8470	8290	7990	7640	7060
27	8800	8380	8110	7940	7650	7310	6750
28	8440	8040	7780	7620	7340	7010	6470
29	8110	7720	7470	7310	7050	6730	6210
30	7800	7400	7200	7000	6800	6500	6000
31		7150	6920	6770	6520	6220	5730
32		6890	6670	6520	6280	5990	5520
33		6650	6430	6290	6050	5770	5310
34		6420	6200	6070	5840	5570	5120
35		6200	6000	5900	5600	5400	4900
36			5800	5670	5450	5200	4770
37			5610	5480	5270	5020	4610
38			5430	5310	5100	4860	4460
39			5260	5140	4940	4710	4320
40			5100	5000	4800	4600	4200
41				4830	4640	4420	4050
42				4690	4510	4290	3930
43				4550	4370	4160	3810
44				4420	4250	4040	3690
45				4300	4100	3900	3600
46					4010	3810	3480
47					3900	3710	3380
48					3800	3610	3290
49					3700	3510	3200
50					3600	3400	3100
51						3330	3030
52						3240	2950
53						3160	2870
54						3080	2800
55						3000	2700
56							2650
57							2590
58							2520
59							2460
60							2400

The load capacities refer to a range of lift of 42 m

2.2.3.4 **12 t / Load capacity [kg] Hw 645 FU / Hw 675 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	12000	12000	12000	12000	12000	12000	12000
16	12000	12000	12000	12000	12000	12000	12000
17	12000	12000	12000	12000	12000	12000	12000
18	12000	12000	12000	12000	12000	12000	12000
19	12000	12000	12000	12000	12000	12000	11660
20	12000	12000	12000	12000	12000	11930	11020
21	12000	12000	12000	12000	11840	11310	10440
22	12000	11660	11490	11440	11250	10740	9910
23	11440	11110	10940	10890	10710	10220	9430
24	10920	10590	10440	10390	10220	9750	8990
25	10400	10100	10000	9900	9800	9300	8600
26	9990	9690	9550	9500	9340	8910	8210
27	9570	9290	9150	9110	8950	8540	7860
28	9190	8920	8780	8740	8590	8190	7540
29	8830	8570	8440	8400	8250	7870	7240
30	8500	8200	8100	8100	7900	7600	7000
31		7940	7820	7780	7650	7290	6700
32		7660	7540	7500	7370	7020	6450
33		7390	7280	7240	7110	6770	6220
34		7140	7030	6990	6870	6540	6000
35		6900	6800	6800	6600	6300	5800
36			6570	6540	6420	6110	5610
37			6360	6330	6220	5920	5420
38			6170	6130	6020	5730	5250
39			5980	5950	5840	5550	5090
40			5800	5800	5700	5400	4900
41				5600	5500	5230	4780
42				5440	5340	5070	4640
43				5290	5190	4930	4510
44				5140	5040	4790	4380
45				5000	4900	4700	4300
46					4770	4530	4140
47					4650	4410	4020
48					4530	4290	3920
49					4410	4180	3810
50					4300	4100	3700
51						3970	3620
52						3870	3520
53						3780	3440
54						3690	3350
55						3600	3300
56							3190
57							3110
58							3040
59							2970
60							2900

The load capacities refer to a range of lift of 42 m

2.2.3.5 **6,2 t / Load capacity [kg] Hw 645 FU / Hw 675 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	6200	6200	6200	6200	6200	6200	6200
16	6200	6200	6200	6200	6200	6200	6200
17	6200	6200	6200	6200	6200	6200	6200
18	6200	6200	6200	6200	6200	6200	6200
19	6200	6200	6200	6200	6200	6200	6200
20	6200	6200	6200	6200	6200	6200	6200
21	6200	6200	6200	6200	6200	6200	6200
22	6200	6200	6200	6200	6200	6200	6200
23	6200	6200	6200	6200	6200	6200	6200
24	6200	6200	6200	6200	6200	6200	6200
25	6200	6200	6200	6200	6200	6200	6200
26	6200	6200	6200	6200	6200	6200	6200
27	6200	6200	6200	6200	6200	6200	6200
28	6200	6200	6200	6200	6200	6200	6200
29	6200	6200	6200	6200	6200	6200	6200
30	6200	6200	6200	6200	6200	6200	6200
31		6200	6200	6200	6200	6200	6100
32		6200	6200	6200	6200	6200	5890
33		6200	6200	6200	6200	6150	5690
34		6200	6200	6200	6200	5950	5500
35		6200	6200	6200	6030	5800	5300
36			6190	6060	5840	5580	5150
37			6010	5870	5660	5410	4990
38			5830	5700	5490	5250	4840
39			5660	5540	5330	5090	4700
40			5500	5400	5200	5000	4600
41				5230	5040	4810	4440
42				5090	4900	4680	4310
43				4950	4770	4550	4200
44				4820	4650	4430	4080
45				4700	4500	4300	4000
46					4410	4210	3870
47					4300	4100	3780
48					4200	4000	3680
49					4100	3910	3590
50					4000	3800	3500
51						3720	3420
52						3640	3340
53						3560	3270
54						3480	3190
55						3400	3100
56							3050
57							2990
58							2920
59							2860
60							2800

The load capacities refer to a range of lift of 42 m

2.2.3.6 **6,2 t / Load capacity [kg] Hw 645 FU / Hw 675 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	6200	6200	6200	6200	6200	6200	6200
16	6200	6200	6200	6200	6200	6200	6200
17	6200	6200	6200	6200	6200	6200	6200
18	6200	6200	6200	6200	6200	6200	6200
19	6200	6200	6200	6200	6200	6200	6200
20	6200	6200	6200	6200	6200	6200	6200
21	6200	6200	6200	6200	6200	6200	6200
22	6200	6200	6200	6200	6200	6200	6200
23	6200	6200	6200	6200	6200	6200	6200
24	6200	6200	6200	6200	6200	6200	6200
25	6200	6200	6200	6200	6200	6200	6200
26	6200	6200	6200	6200	6200	6200	6200
27	6200	6200	6200	6200	6200	6200	6200
28	6200	6200	6200	6200	6200	6200	6200
29	6200	6200	6200	6200	6200	6200	6200
30	6200	6200	6200	6200	6200	6200	6200
31		6200	6200	6200	6200	6200	6200
32		6200	6200	6200	6200	6200	6200
33		6200	6200	6200	6200	6200	6200
34		6200	6200	6200	6200	6200	6200
35		6200	6200	6200	6200	6200	6200
36			6200	6200	6200	6200	5990
37			6200	6200	6200	6200	5810
38			6200	6200	6200	6120	5630
39			6200	6200	6200	5940	5470
40			6200	6200	6100	5800	5300
41				6000	5890	5620	5170
42				5840	5730	5460	5030
43				5690	5580	5320	4890
44				5540	5440	5180	4770
45				5400	5300	5100	4600
46					5170	4930	4530
47					5050	4810	4410
48					4930	4690	4310
49					4810	4580	4200
50					4700	4500	4100
51						4370	4010
52						4270	3920
53						4180	3830
54						4090	3750
55						4000	3700
56							3590
57							3510
58							3440
59							3370
60							3300

The load capacities refer to a range of lift of 42 m

2.2.3.7 **8,3 t / Load capacity [kg] Hw 845 FU / Hw 875 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	8300	8300	8300	8300	8300	8300	8300
16	8300	8300	8300	8300	8300	8300	8300
17	8300	8300	8300	8300	8300	8300	8300
18	8300	8300	8300	8300	8300	8300	8300
19	8300	8300	8300	8300	8300	8300	8300
20	8300	8300	8300	8300	8300	8300	8300
21	8300	8300	8300	8300	8300	8300	8300
22	8300	8300	8300	8300	8300	8300	8300
23	8300	8300	8300	8300	8300	8300	8130
24	8300	8300	8300	8300	8300	8300	7740
25	8300	8300	8300	8300	8300	8000	7400
26	8300	8300	8300	8290	7990	7640	7060
27	8300	8300	8110	7940	7650	7310	6750
28	8300	8040	7780	7620	7340	7010	6470
29	8110	7720	7470	7310	7050	6730	6210
30	7800	7400	7200	7000	6800	6500	6000
31		7150	6920	6770	6520	6220	5730
32		6890	6670	6520	6280	5990	5520
33		6650	6430	6290	6050	5770	5310
34		6420	6200	6070	5840	5570	5120
35		6200	6000	5900	5600	5400	4900
36			5800	5670	5450	5200	4770
37			5610	5480	5270	5020	4610
38			5430	5310	5100	4860	4460
39			5260	5140	4940	4710	4320
40			5100	5000	4800	4600	4200
41				4830	4640	4420	4050
42				4690	4510	4290	3930
43				4550	4370	4160	3810
44				4420	4250	4040	3690
45				4300	4100	3900	3600
46					4010	3810	3480
47					3900	3710	3380
48					3800	3610	3290
49					3700	3510	3200
50					3600	3400	3100
51						3330	3030
52						3240	2950
53						3160	2870
54						3080	2800
55						3000	2700
56							2650
57							2590
58							2520
59							2460
60							2400

The load capacities refer to a range of lift of 42 m

2.2.3.8 **8,3 t / Load capacity [kg] Hw 845 FU / Hw 875 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	8300	8300	8300	8300	8300	8300	8300
16	8300	8300	8300	8300	8300	8300	8300
17	8300	8300	8300	8300	8300	8300	8300
18	8300	8300	8300	8300	8300	8300	8300
19	8300	8300	8300	8300	8300	8300	8300
20	8300	8300	8300	8300	8300	8300	8300
21	8300	8300	8300	8300	8300	8300	8300
22	8300	8300	8300	8300	8300	8300	8300
23	8300	8300	8300	8300	8300	8300	8300
24	8300	8300	8300	8300	8300	8300	8300
25	8300	8300	8300	8300	8300	8300	8300
26	8300	8300	8300	8300	8300	8300	8210
27	8300	8300	8300	8300	8300	8300	7860
28	8300	8300	8300	8300	8300	8190	7540
29	8300	8300	8300	8300	8250	7870	7240
30	8300	8200	8100	8100	7900	7600	7000
31		7940	7820	7780	7650	7290	6700
32		7660	7540	7500	7370	7020	6450
33		7390	7280	7240	7110	6770	6220
34		7140	7030	6990	6870	6540	6000
35		6900	6800	6800	6600	6300	5800
36			6570	6540	6420	6110	5610
37			6360	6330	6220	5920	5420
38			6170	6130	6020	5730	5250
39			5980	5950	5840	5550	5090
40			5800	5800	5700	5400	4900
41				5600	5500	5230	4780
42				5440	5340	5070	4640
43				5290	5190	4930	4510
44				5140	5040	4790	4380
45				5000	4900	4700	4300
46					4770	4530	4140
47					4650	4410	4020
48					4530	4290	3920
49					4410	4180	3810
50					4300	4100	3700
51						3970	3620
52						3870	3520
53						3780	3440
54						3690	3350
55						3600	3300
56							3190
57							3110
58							3040
59							2970
60							2900

The load capacities refer to a range of lift of 42 m

2.2.3.9 **12 t / Load capacity [kg] Hw 845 FU / Hw 875 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	12000	12000	12000	12000	12000	12000	12000
16	12000	12000	12000	12000	12000	12000	12000
17	12000	12000	12000	12000	12000	12000	11300
18	12000	12000	12000	12000	11960	11450	10610
19	12000	12000	11920	11670	11270	10780	9980
20	12000	11620	11260	11030	10640	10180	9420
21	11540	11010	10660	10440	10070	9640	8910
22	10960	10450	10120	9910	9560	9140	8450
23	10430	9940	9630	9420	9090	8690	8030
24	9940	9470	9170	8980	8660	8270	7640
25	9500	9000	8800	8600	8300	7900	7300
26	9080	8650	8370	8190	7890	7540	6960
27	8700	8280	8010	7840	7550	7210	6650
28	8340	7940	7680	7520	7240	6910	6370
29	8010	7620	7370	7210	6950	6630	6110
30	7700	7300	7100	6900	6700	6400	5900
31		7050	6820	6670	6420	6120	5630
32		6790	6570	6420	6180	5890	5420
33		6550	6330	6190	5950	5670	5210
34		6320	6100	5970	5740	5470	5020
35		6100	5900	5800	5500	5300	4800
36			5700	5570	5350	5100	4670
37			5510	5380	5170	4920	4510
38			5330	5210	5000	4760	4360
39			5160	5040	4840	4610	4220
40			5000	4900	4700	4500	4100
41				4730	4540	4320	3950
42				4590	4410	4190	3830
43				4450	4270	4060	3710
44				4320	4150	3940	3590
45				4200	4000	3800	3500
46					3910	3710	3380
47					3800	3610	3280
48					3700	3510	3190
49					3600	3410	3100
50					3500	3300	3000
51						3230	2930
52						3140	2850
53						3060	2770
54						2980	2700
55						2900	2600
56							2550
57							2490
58							2420
59							2360
60							2300

The load capacities refer to a range of lift of 42 m

2.2.3.10 **12 t / Load capacity [kg] Hw 845 FU / Hw 875 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	12000	12000	12000	12000	12000	12000	12000
16	12000	12000	12000	12000	12000	12000	12000
17	12000	12000	12000	12000	12000	12000	12000
18	12000	12000	12000	12000	12000	12000	12000
19	12000	12000	12000	12000	12000	12000	11560
20	12000	12000	12000	12000	12000	11830	10920
21	12000	12000	12000	11940	11740	11210	10340
22	11910	11560	11390	11340	11150	10640	9810
23	11340	11010	10840	10790	10610	10120	9330
24	10820	10490	10340	10290	10120	9650	8890
25	10300	10000	10000	9800	9700	9200	8500
26	9890	9590	9450	9400	9240	8810	8110
27	9470	9190	9050	9010	8850	8440	7760
28	9090	8820	8680	8640	8490	8090	7440
29	8730	8470	8340	8300	8150	7770	7140
30	8400	8100	8000	8000	7800	7500	6900
31		7840	7720	7680	7550	7190	6600
32		7560	7440	7400	7270	6920	6350
33		7290	7180	7140	7010	6670	6120
34		7040	6930	6890	6770	6440	5900
35		6800	6700	6700	6500	6200	5700
36			6470	6440	6320	6010	5510
37			6260	6230	6120	5820	5320
38			6070	6030	5920	5630	5150
39			5880	5850	5740	5450	4990
40			5700	5700	5600	5300	4800
41				5500	5400	5130	4680
42				5340	5240	4970	4540
43				5190	5090	4830	4410
44				5040	4940	4690	4280
45				4900	4800	4600	4200
46					4670	4430	4040
47					4550	4310	3920
48					4430	4190	3820
49					4310	4080	3710
50					4200	4000	3600
51						3870	3520
52						3770	3420
53						3680	3340
54						3590	3250
55						3500	3200
56							3090
57							3010
58							2940
59							2870
60							2800

The load capacities refer to a range of lift of 42 m

2.2.3.11 **8,5 t / Load capacity [kg] Hw 845 FU / Hw 875 FU** **DIN 15018 / H1 - B3**

radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	8500	8500	8500	8500	8500	8500	8500
16	8500	8500	8500	8500	8500	8500	8500
17	8500	8500	8500	8500	8500	8500	8500
18	8500	8500	8500	8500	8500	8500	8500
19	8500	8500	8500	8500	8500	8500	8500
20	8500	8500	8500	8500	8500	8500	8500
21	8500	8500	8500	8500	8500	8500	8500
22	8500	8500	8500	8500	8500	8500	8500
23	8500	8500	8500	8500	8500	8500	8480
24	8500	8500	8500	8500	8500	8500	8100
25	8500	8500	8500	8500	8500	8400	7700
26	8500	8500	8500	8500	8370	8010	7420
27	8500	8500	8500	8320	8030	7680	7110
28	8500	5430	8170	8000	7720	7380	6830
29	8500	8120	7860	7700	7430	7100	6570
30	8200	7800	7600	7400	7200	6800	6300
31		7550	7310	7150	6900	6600	6100
32		7290	7060	6910	6660	6370	5890
33		7040	6820	6670	6440	6150	5690
34		6600	6600	6460	6230	5950	5500
35		6600	6400	6300	6000	5800	5300
36			6190	6060	5840	5580	5150
37			6010	5870	5660	5410	4990
38			5830	5700	5490	5250	4840
39			5660	5540	5330	5090	4700
40			5500	5400	5200	5000	4600
41				5230	5040	4810	4440
42				5090	4900	4680	4310
43				4950	4770	4550	4200
44				4820	4650	4430	4080
45				4700	4500	4300	4000
46					4410	4210	3870
47					4300	4100	3780
48					4200	4000	3680
49					4100	3910	3590
50					4000	3800	3500
51						3720	3420
52						3640	3340
53						3560	3270
54						3480	3190
55						3400	3100
56							3050
57							2990
58							2920
59							2860
60							2800

The load capacities refer to a range of lift of 42 m

2.2.3.12 **8,5 t / Load capacity [kg] Hw 845 FU / Hw 875 FU** **DIN 15018 / H1 - B3**

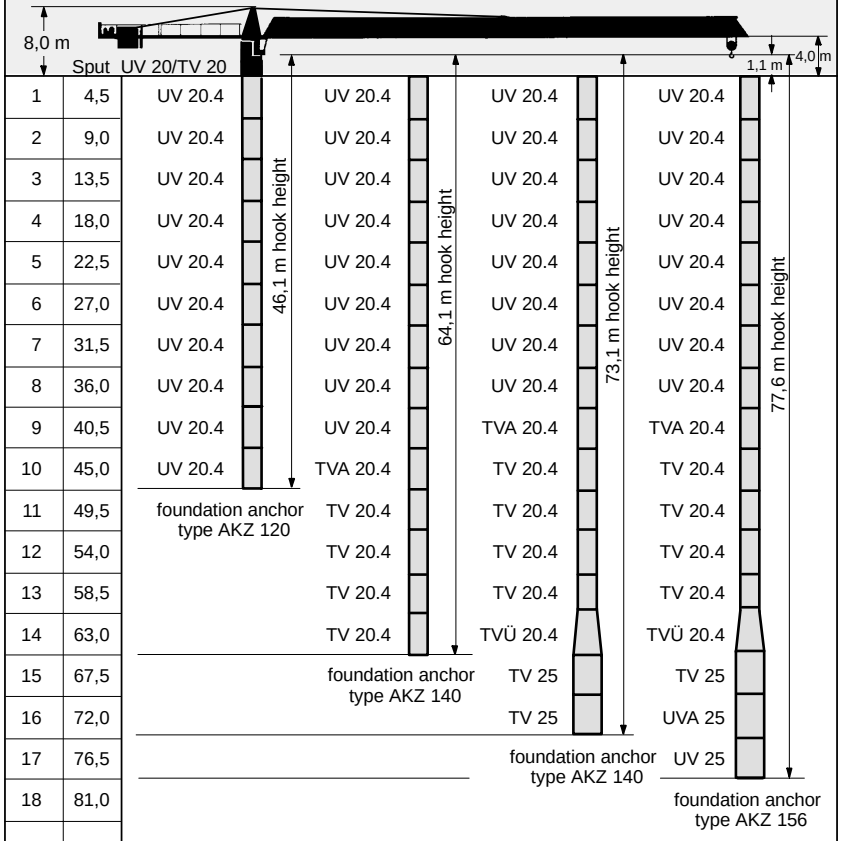
radius	length of jib [m]						
[m]	30	35	40	45	50	55	60
15	8500	8500	8500	8500	8500	8500	8500
16	8500	8500	8500	8500	8500	8500	8500
17	8500	8500	8500	8500	8500	8500	8500
18	8500	8500	8500	8500	8500	8500	8500
19	8500	8500	8500	8500	8500	8500	8500
20	8500	8500	8500	8500	8500	8500	8500
21	8500	8500	8500	8500	8500	8500	8500
22	8500	8500	8500	8500	8500	8500	8500
23	8500	8500	8500	8500	8500	8500	8500
24	8500	8500	8500	8500	8500	8500	8500
25	8500	8500	8500	8500	8500	8500	8500
26	8500	8500	8500	8500	8500	8500	8500
27	8500	8500	8500	8500	8500	8500	8230
28	8500	8500	8500	8500	8500	8500	7910
29	8500	8500	8500	8500	8500	8240	7610
30	8500	8500	8500	8500	8300	7900	7300
31		8340	8210	8170	8030	7660	7070
32		8050	7930	7890	7750	7400	6830
33		7790	7670	7630	7500	7150	6600
34		7540	7420	7380	7260	6920	6380
35		7300	7200	7200	7000	6700	6200
36			6970	6930	6810	6500	5990
37			6760	6730	6610	6300	5810
38			6560	6530	6410	6120	5630
39			6380	6340	6230	5940	5470
40			6200	6200	6100	5800	5300
41				6000	5890	5620	5170
42				5840	5730	5460	5030
43				5690	5580	5320	4890
44				5540	5440	5180	4770
45				5400	5300	5100	4600
46					5170	4930	4530
47					5050	4810	4410
48					4930	4690	4310
49					4810	4580	4200
50					4700	4500	4100
51						4370	4010
52						4270	3920
53						4180	3830
54						4090	3750
55						4000	3700
56							3590
57							3510
58							3440
59							3370
60							3300

The load capacities refer to a range of lift of 42 m

2.2.7.1 **Tower configurations**

for a free standing stationary tower crane without climbing drive on a concrete foundation.

Slewing part:



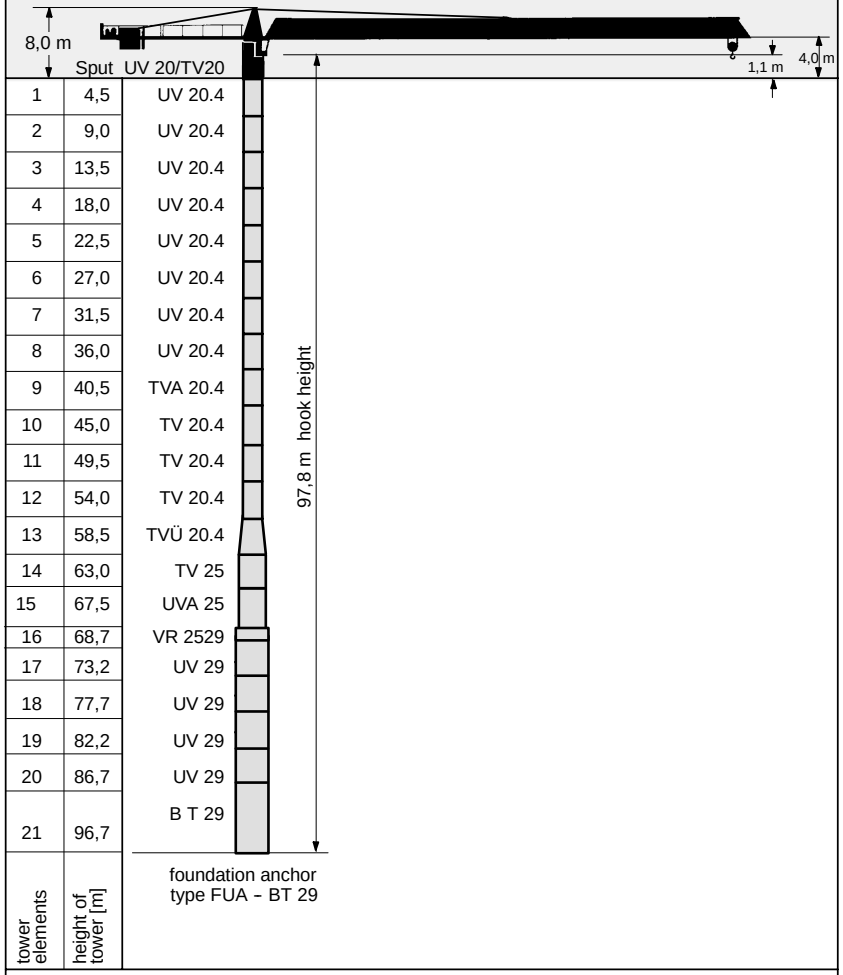
1	4,5	UV 20.4	UV 20.4	UV 20.4	UV 20.4
2	9,0	UV 20.4	UV 20.4	UV 20.4	UV 20.4
3	13,5	UV 20.4	UV 20.4	UV 20.4	UV 20.4
4	18,0	UV 20.4	UV 20.4	UV 20.4	UV 20.4
5	22,5	UV 20.4	UV 20.4	UV 20.4	UV 20.4
6	27,0	UV 20.4	UV 20.4	UV 20.4	UV 20.4
7	31,5	UV 20.4	UV 20.4	UV 20.4	UV 20.4
8	36,0	UV 20.4	UV 20.4	UV 20.4	UV 20.4
9	40,5	UV 20.4	UV 20.4	TVA 20.4	TVA 20.4
10	45,0	UV 20.4	TVA 20.4	TV 20.4	TV 20.4
11	49,5		TV 20.4	TV 20.4	TV 20.4
12	54,0		TV 20.4	TV 20.4	TV 20.4
13	58,5		TV 20.4	TV 20.4	TV 20.4
14	63,0		TV 20.4	TVÜ 20.4	TVÜ 20.4
15	67,5			TV 25	TV 25
16	72,0			TV 25	UVA 25
17	76,5				UV 25
18	81,0				
tower elements	height of tower [m]				

For data regarding foundation anchors see section 12.
The tower configurations are recommended for economic crane installation and may be used in any case.
Tower configurations with other tower elements are possible, but must be checked and confirmed by us in every individual case and before crane installation starts.

2.2.7.2 **Tower configurations**

for a free standing stationary tower crane without climbing drive on a concrete foundation.

Slewing part:



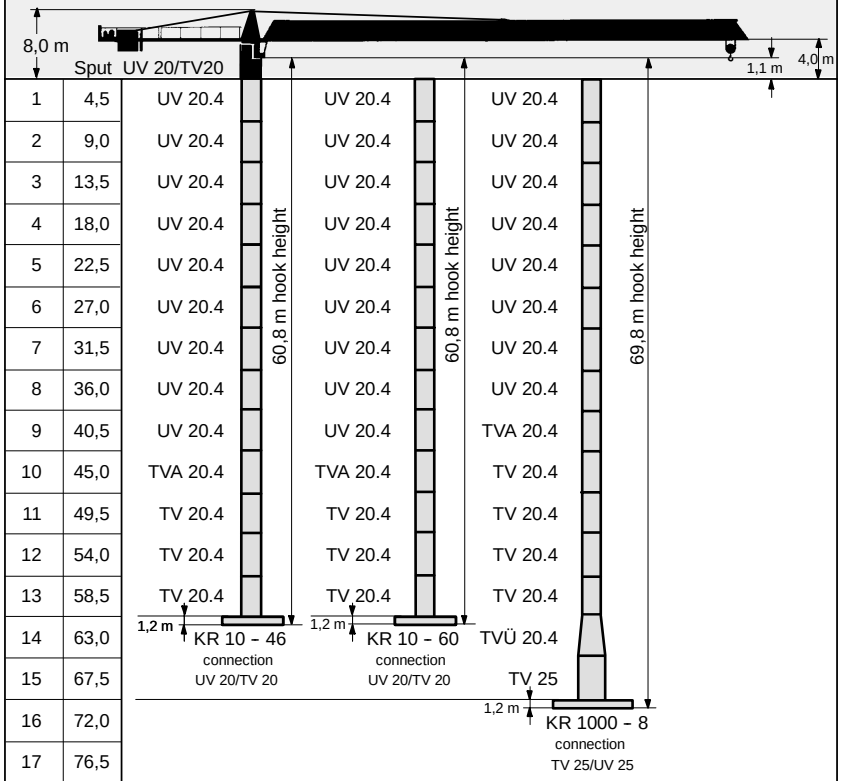
1	4,5	UV 20.4
2	9,0	UV 20.4
3	13,5	UV 20.4
4	18,0	UV 20.4
5	22,5	UV 20.4
6	27,0	UV 20.4
7	31,5	UV 20.4
8	36,0	UV 20.4
9	40,5	TVA 20.4
10	45,0	TV 20.4
11	49,5	TV 20.4
12	54,0	TV 20.4
13	58,5	TVÜ 20.4
14	63,0	TV 25
15	67,5	UVA 25
16	68,7	VR 2529
17	73,2	UV 29
18	77,7	UV 29
19	82,2	UV 29
20	86,7	UV 29
21	96,7	B T 29
tower elements	height of tower [m]	

For data regarding foundation anchors see section 12.
The tower configurations are recommended for economic crane installation and may be used in any case.
Tower configurations with other tower elements are possible, but must be checked and confirmed by us in every individual case and before crane installation starts.

2.2.8.1 **Tower configurations**

for a free standing stationary tower crane without climbing drive on a cross frame.

Slewing part:



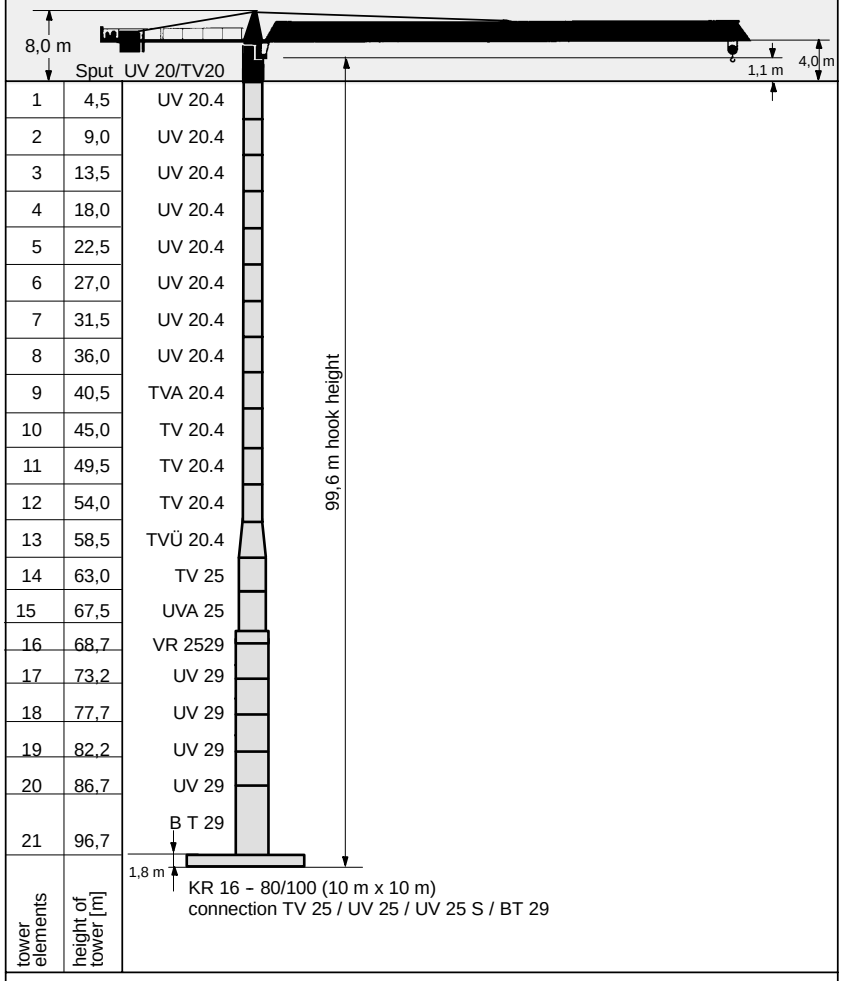
tower elements	height of tower [m]			
1	4,5	UV 20.4	UV 20.4	UV 20.4
2	9,0	UV 20.4	UV 20.4	UV 20.4
3	13,5	UV 20.4	UV 20.4	UV 20.4
4	18,0	UV 20.4	UV 20.4	UV 20.4
5	22,5	UV 20.4	UV 20.4	UV 20.4
6	27,0	UV 20.4	UV 20.4	UV 20.4
7	31,5	UV 20.4	UV 20.4	UV 20.4
8	36,0	UV 20.4	UV 20.4	UV 20.4
9	40,5	UV 20.4	UV 20.4	TVA 20.4
10	45,0	TVA 20.4	TVA 20.4	TV 20.4
11	49,5	TV 20.4	TV 20.4	TV 20.4
12	54,0	TV 20.4	TV 20.4	TV 20.4
13	58,5	TV 20.4	TV 20.4	TV 20.4
14	63,0			TVÜ 20.4
15	67,5			TV 25
16	72,0			
17	76,5			
18	81,0			

For data regarding cross frames see section 12.
he tower configurations are recommended for economic crane installation and may be used in any case.
Tower configurations with other tower elements are possible, but must be checked and confirmed by us in every individual case and before crane installation starts.

2.2.8.2 **Tower configurations**

for a free standing stationary tower crane without climbing drive on a cross frame.

Slewing part:



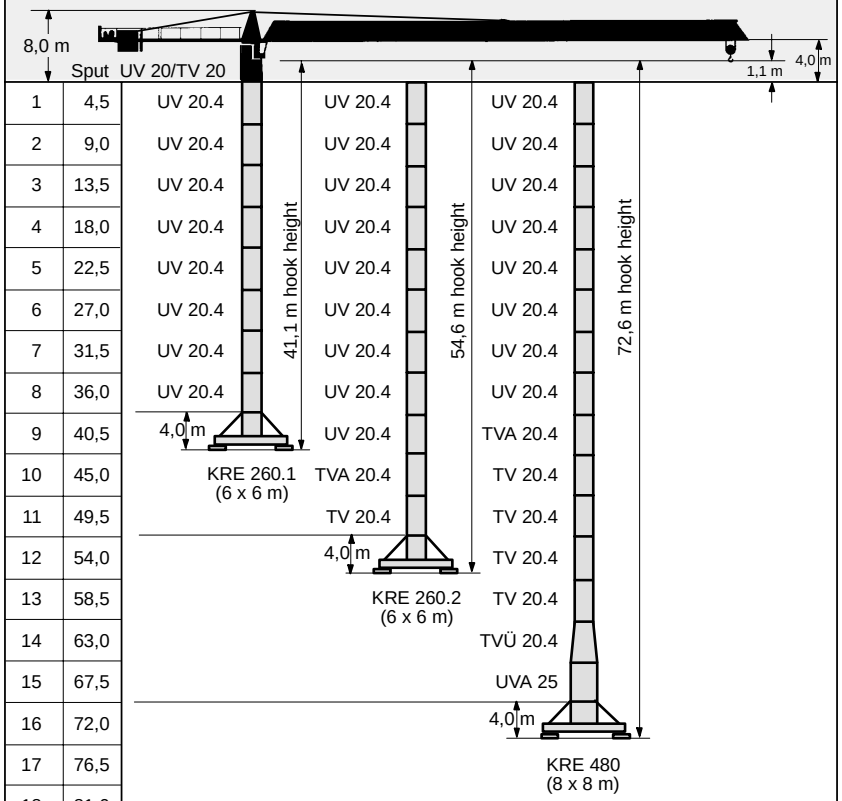
tower elements	height of tower [m]	
1	4,5	UV 20.4
2	9,0	UV 20.4
3	13,5	UV 20.4
4	18,0	UV 20.4
5	22,5	UV 20.4
6	27,0	UV 20.4
7	31,5	UV 20.4
8	36,0	UV 20.4
9	40,5	TVA 20.4
10	45,0	TV 20.4
11	49,5	TV 20.4
12	54,0	TV 20.4
13	58,5	TVÜ 20.4
14	63,0	TV 25
15	67,5	UVA 25
16	68,7	VR 2529
17	73,2	UV 29
18	77,7	UV 29
19	82,2	UV 29
20	86,7	UV 29
21	96,7	B T 29

For data regarding cross frames see section 12.
The tower configurations are recommended for economic crane installation and may be used in any case. Tower configurations with other tower elements are possible, but must be checked and confirmed by us in every individual case and before crane installation starts.

2.2.9.1 **Tower configurations**

for a free standing stationary tower crane without climbing drive on a cross frame element.

Slewing part:



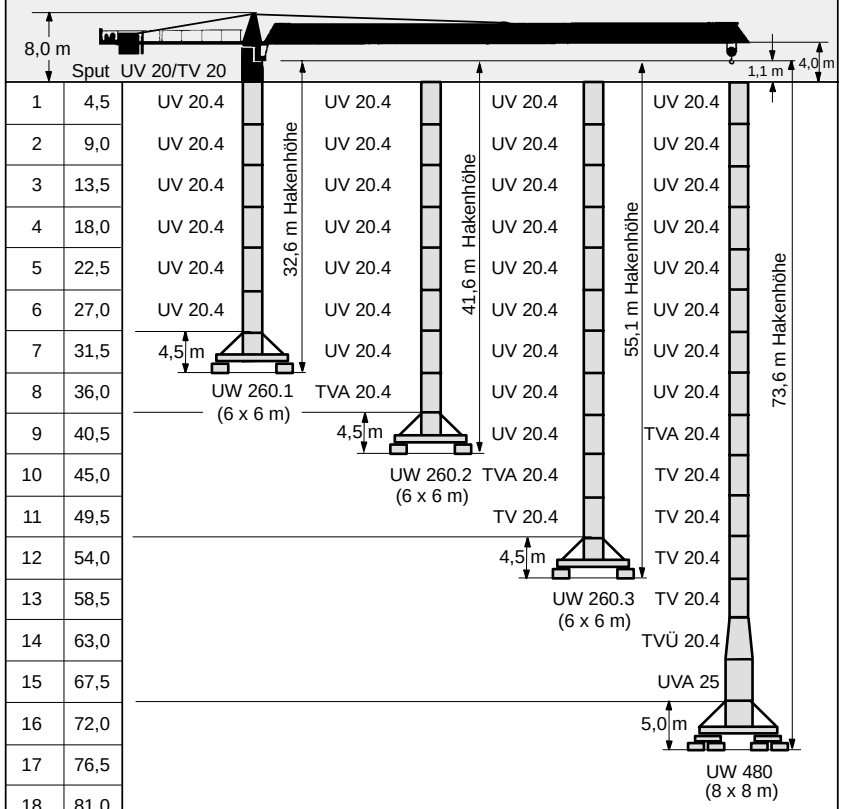
tower elements	height tower [m]			
1	4,5	UV 20.4	UV 20.4	UV 20.4
2	9,0	UV 20.4	UV 20.4	UV 20.4
3	13,5	UV 20.4	UV 20.4	UV 20.4
4	18,0	UV 20.4	UV 20.4	UV 20.4
5	22,5	UV 20.4	UV 20.4	UV 20.4
6	27,0	UV 20.4	UV 20.4	UV 20.4
7	31,5	UV 20.4	UV 20.4	UV 20.4
8	36,0	UV 20.4	UV 20.4	UV 20.4
9	40,5		UV 20.4	TVA 20.4
10	45,0		TVA 20.4	TV 20.4
11	49,5		TV 20.4	TV 20.4
12	54,0			TV 20.4
13	58,5			TV 20.4
14	63,0			TVÜ 20.4
15	67,5			UVA 25
16	72,0			
17	76,5			
18	81,0			

For data regarding cross frames elements see section 12.
The tower configurations are recommended for economic crane installation and may be used in any case.
Tower configurations with other tower elements are possible, but must be checked and confirmed by us in every individual case and before crane installation starts.

2.2.10.1 **Tower configuration**

for a travelling tower crane without climbing drive

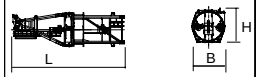
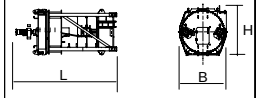
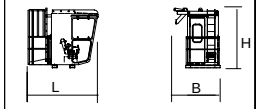
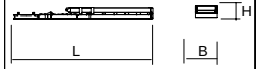
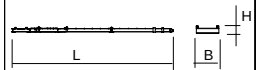
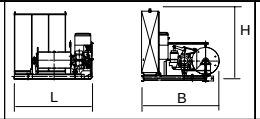
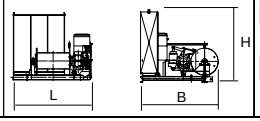
:



Turm-element	Turm-höhe [m]			
1	4,5	UV 20.4	UV 20.4	UV 20.4
2	9,0	UV 20.4	UV 20.4	UV 20.4
3	13,5	UV 20.4	UV 20.4	UV 20.4
4	18,0	UV 20.4	UV 20.4	UV 20.4
5	22,5	UV 20.4	UV 20.4	UV 20.4
6	27,0	UV 20.4	UV 20.4	UV 20.4
7	31,5		UV 20.4	UV 20.4
8	36,0		TVA 20.4	UV 20.4
9	40,5			UV 20.4
10	45,0			TVA 20.4
11	49,5			TV 20.4
12	54,0			TV 20.4
13	58,5			TV 20.4
14	63,0			TVÜ 20.4
15	67,5			UVA 25
16	72,0			
17	76,5			
18	81,0			

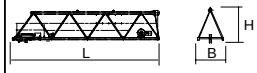
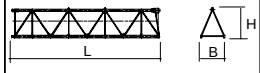
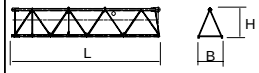
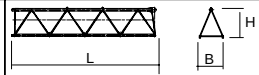
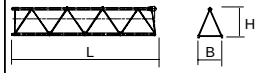
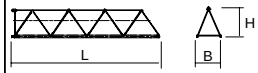
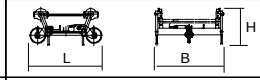
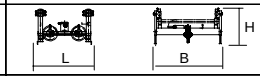
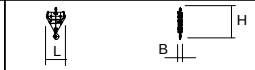
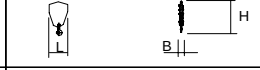
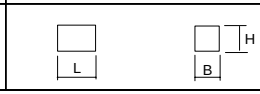
For data regarding undercarriage see section 12.
The tower configurations are recommended for economic crane installation and may be used in any case.
Tower configurations with other tower elements are possible, but must be checked and confirmed by us in every individual case and before crane installation starts.

2.3.1 **Colli list**

Item	pcs.	Designation	Colli	L (m)	B (m)	H (m)	weight (kg)	volume (m^3)
1	1	tower top complete with platforms and diverse bracing parts		8,01	2,42	2,42	9990	46,91
	item 1 disassembled	tower top upper part with platforms and diverse bracing parts		3,74	1,37	2,42	2160	12,40
		tower top lower part with slewing frame, DV; slewing drives and slip ring system		5,39	2,42	2,42	7830	31,57
2	1	driver's cabin with driver's cabin suspension		2,80	2,15	2,45	1100	14,75
		driver's cabin suspension		1,03	2,01	0,58	230	1,20
3	1	counterjib folded (with bracing parts)		12,40	2,49	1,05	4800 (530)	32,42
		counterjib (with bracing parts)		16,34	2,49	0,65	4800 (530)	26,45
4	1	machinery platform Hw645FU/Hw845FU with hoisting rope (Ø16mmx270m)		Hoist drive Hw 645 FU 2,48	2,46	2,18	3180	13,30
				Hoist drive Hw 845 FU 2,48	2,46	2,18	3280	13,30
		machinery platform Hw645FU/Hw875FU with hoisting rope (Ø16mmx270m)		Hoist drive Hw 675 FU 2,48	2,46	2,14	3510	13,30
				Hoist drive Hw 875 FU 2,48	2,46	2,18	3530	13,30

Loose and small parts can be distributed depending on the available space.

2.3.2 **Colli list**

Item	pcs.	Designation	Colli	L (m)	B (m)	H (m)	weight (kg)	volume (m^3)
5	1	jib part **1** with trolley drive		10,18	1,64	2,30	3000	38,40
6	1	jib part **2**		10,21	1,64	2,05	2150	34,32
8	1	jib part **4** (with bracing parts)		10,27	1,64	2,05	1900 (2180)	34,53
10	1	jib part **6**		10,24	1,64	2,01	1700	33,76
11	1	jib part **7**		10,22	1,64	2,00	1260	33,52
12	1	jib part **8**		10,20	1,64	2,00	1010	33,46
13	1	rope swivel travers		1,05	1,54	0,47	135	0,76
14	1	trolley LK 6/12 LK 8/16		1,87 1,87	1,87 1,87	0,99 1,00	400 460	3,46 3,50
14	1	trolley LK 8		1,87	1,87	0,91	350	3,18
15	1	hook block U 8/12 U 6/12 (U 8/16)k (lose part)		1,02	0,26	1,70	560	0,45
15	1	hook block U 6 (U 8) (lose part)		0,5	0,22	1,11	350	0,12
16	1	standard handrail (lose part)		2,55	1,1	1,8	460	5,05
17	1	box (lose part)		1,6	0,9	0,8	370	1,15

Loose and small parts can be distributed depending on the available space.

2.5.1 **Assembly weights – slewing part**

Tower top complete	**11 220 kg**
bracing brackets (1 x 600 mm, 2 x 2850 mm), driver's cabin, driver's cabin suspension, platform and standard handrails	
– tower top upper part complete	2 160 kg
– driver's cabin with driver's cabin suspension	1 230 kg
– Tower top lower part with slewing frame, KDV, slewing drives, standard handrails and slipring system	7 830 kg
Counterjib with Hw 645 FU complete	**10 150 kg**
– counterjib with 4 bracing brackets and standard handrails	4 970 kg
– machinery platform with hoisting rope (Ø 16 mm x 270 m)	3 180 kg
– counterweight stone 2 t (under the machinery platform)	2 000 kg
Counterjib with Hw 675 FU complete	**10 480 kg**
– counterjib with 4 bracing brackets and standard handrails	4 970 kg
– machinery platform with hoisting rope (Ø 16 mm x 270 m)	3 510 kg
– counterweight stone 2 t (under the machinery platform)	2 000 kg
Counterjib with Hw 845 FU complete	**10 250 kg**
– counterjib with 4 bracing brackets and standard handrails	4 970 kg
– machinery platform with hoisting rope (Ø 16 mm x 270 m)	3 280 kg
– counterweight stone 2 t (under the machinery platform)	2 000 kg
Counterjib with Hw 875 FU complete	**10 500 kg**
– counterjib with 4 bracing brackets and standard handrails	4 970 kg
– machinery platform with hoisting rope (Ø 16 mm x 270 m)	3 530 kg
– counterweight stone 2 t (under the machinery platform)	2 000 kg

2.5.2 **Assembly weights – slewing part**

60 m Trolley jib complete	**14 200 kg**
– bracing brackets – trolley – traversing ropes – hook block – standard handrails	
55 m Trolley jib complete	**14 100 kg**
– bracing brackets – trolley – traversing ropes – hook block – standard handrails	
50 m Trolley jib complete	**13 200 kg**
– bracing brackets – trolley – traversing ropes – hook block – standard handrails	
45 m Trolley jib complete	**12 840 kg**
– bracing brackets – trolley – traversing ropes – hook block – standard handrails	
40 m Trolley jib complete	**11 940 kg**
– bracing brackets – trolley – traversing ropes – hook block – standard handrails	
35 m Trolley jib complete	**11 140 kg**
– bracing brackets – trolley – traversing ropes – hook block – standard handrails	
30 m Trolley jib complete	**10 240 kg**
– bracing brackets – trolley – traversing ropes – hook block – standard handrails	

2.5.3 **Assembly weights – cross frame / cross frame element / undercarriage**

Cross frame KR 10 – 46/60 (4,6 m x 4,6 m)	(without optional features)	**7 000 kg**
	– 4 spigots AZR 120 E 15.5	560 kg
	– 4 spigots AZ 140 M	684 kg
Cross frame KR 10 – 46/60 (6,0 m x 6,0 m)	(without optional features)	**8 805 kg**
	– 4 spigots AZR 120 E 15.5	560 kg
	– 4 spigots AZ 140 M	684 kg
Cross frame KR 1000 – 8	(without optional features)	**14 630 kg**
	– 4 spigots AZ 140 E	684 kg
	– 4 spigots AZ 156 M	748 kg
Cross frame KR 16 – 80/100 (8 m x 8 m)	(without optional features)	**21 450 kg**
	– 4 spigots AZ 140 E KR16–80	620 kg
	– 4 spigots AZ 156 M KR16–80	680 kg
	– 4 spigots AZ 156S M KR16–80	675 kg
Cross frame KR 16 – 80/100 (10 m x 10 m)	(without optional features)	**25 400 kg**
	– 4 spigots AZ 140 E KR16–80	620 kg
	– 4 spigots AZ 156 M KR16–80	680 kg
	– 4 spigots AZ 156S M KR16–80	675 kg

2.5.4 **Assembly weights – cross frame / cross frame element / undercarriage**

Cross frame element KRE 260.1 complete		**8 100 kg**
– cross frame platform with swivel arms, corner bearings and transport safety devices	4 320 kg	
– base mast part with diagonal struts and track rod	3 780 kg	
Cross frame element KRE 260.2 complete		**10 900 kg**
– cross frame platform with swivel arms, corner bearings and transport safety devices	5 455 kg	
– base mast part with diagonal struts and track rod	5 445 kg	
Cross frame element KRE 480 complete		**24 250 kg**
– base mast part	7 100 kg	
– swivel arms and corner bearings	6 250 kg	
– diagonal struts and ballast suspension means	9 260 kg	
– assembly platform, ladder and small parts	1 640 kg	
Undercarriage UW 260.1 complete		**11 400 kg**
– undercarriage platform with swivel arms, subframes and transport safety devices	7 150 kg	
– base mast part with diagonal struts and track rod	4 250 kg	
Undercarriage UW 260.2 complete		**13 930 kg**
– undercarriage platform with swivel arms, subframes and transport safety devices	8 050 kg	
– base mast part with diagonal struts and track rod	5 880 kg	
Undercarriage UW 260.3 complete		**17 200 kg**
– undercarriage platform with swivel arms, subframes and transport safety devices	11 300 kg	
– base mast part with diagonal struts and track rod	5 900 kg	
Undercarriage UW 480 complete		**34 000 kg**
– base mast part	7 100 kg	
– swivel arms with traverse and subframes	16 000 kg	
– diagonal struts and ballast suspension means	9 260 kg	
– assembly platform, ladder and small parts	1 640 kg	

2.5.5 **Required height under hook for the mobile crane**

Warning!
Use suspension ropes with sufficient capacity and observe suspension plan!

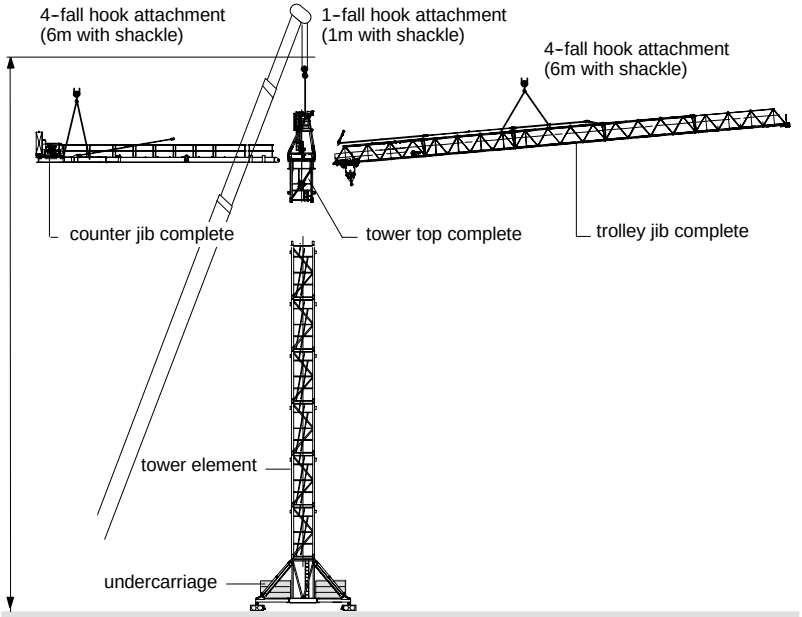
Required height under hook for mobile crane
=
Height under hook of WOLFF tower crane + min. 15 m.

For data regarding the height under hook of WOLFF tower crane see tower configurations.

If the crane will be erected on another substructure, the required height under hook of the crane increases by the structural dimension of the substructure.

Fifferences in ground (mobile crane basis – tower crane basis) must be considered for erection.

Height under hook for the mobile crane



2.6.1.1 **Trollery jib – suspension plan jib 60 m to 50 m**

Danger in case of disassembling!
Release fixing bolts at the pivot point of the jib. Jib must be balanced before it can be extended. There mustn't be any loose parts on the jib.

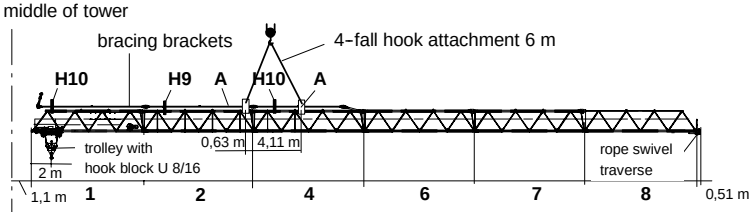
The parts of the jib are labeled with a building part identification at the top chord.

Lengths:	jib part	1/2/3/4/6/7/8	= 10,0 m
	jib part	5	= 5,0 m
	rope swivel traverse		= 0,51 m

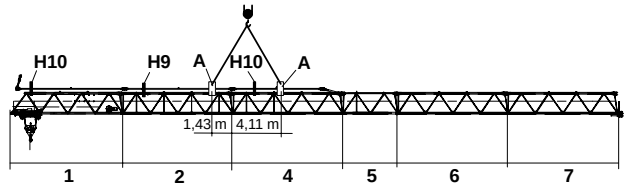
More details about suspension **A** and support **H9 and H10** see section 2.6.2

Attention!
For assembly hang on snatch block with 2 sling ropes DIN 3088 (Ø 8 mm x 1 m with shackle) to the trolley, reeve in assembly rope (perlon rope Ø 14 mm x 12 m) and secure at the trolley.

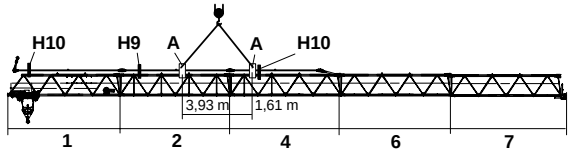
jib 60 m
G = 14 200 kg



jib 55 m
G = 14 100 kg



jib 50 m
G = 13 200 kg



2.6.1.2 **Trollery jib – suspension plan jib 45 m to 30 m**

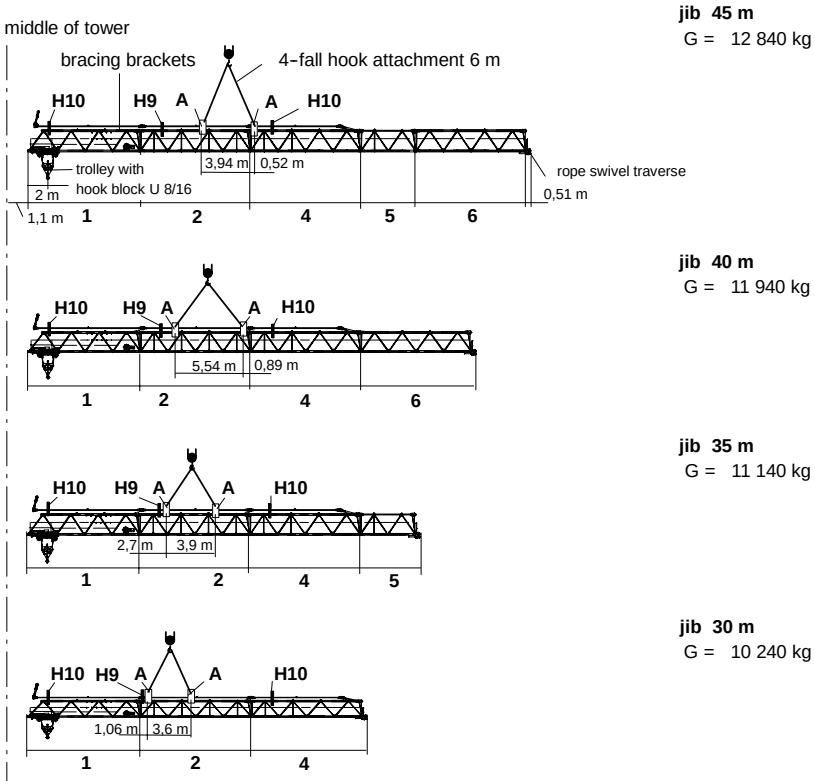
Danger in case of disassembling!
Release fixing bolts at the pivot point of the jib. Jib must be balanced before it can be extended. There mustn't be any loose parts on the jib.

The parts of the jib are labeled with a building part identification at the top chord.

Lengths:	jib part	1/2/4/6	= 10,0 m
	jib part	5	= 5,0 m
	rope swivel traverse		= 0,51 m

More details about suspension **A** and support **H9 and H10** see section 2.6.2

Attention!
For assembly hang on snatch block with 2 sling ropes DIN 3088 (Ø 8 mm x 1 m with shackle) to the trolley, reeve in assembly rope (perlon rope Ø 14 mm x 12 m) and secure at the trolley.



2.6.1.3 **Trollery jib – suspension plan jib 60 m to 50 m**

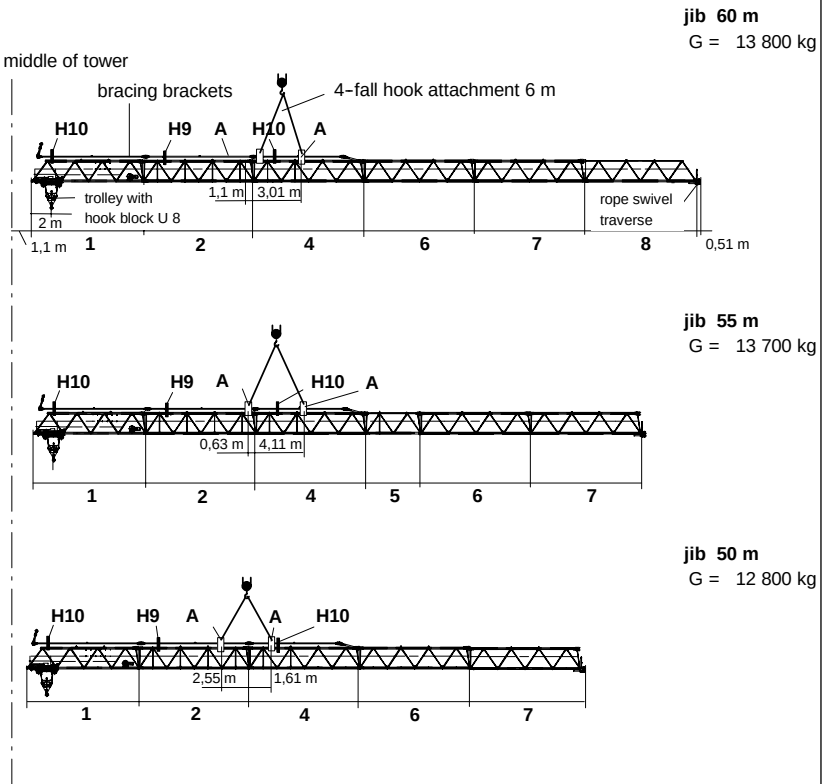
Danger in case of disassembling!
Release fixing bolts at the pivot point of the jib. Jib must be balanced before it can be extended. There mustn't be any loose parts on the jib.

The parts of the jib are labeled with a building part identification at the top chord.

Lengths:	jib part	1/2/3/4/6/7/8	= 10,0 m
	jib part	5	= 5,0 m
	rope swivel traverse		= 0,51 m

More details about suspension **A** and support **H9 and H10** see section 2.6.2

Attention!
For assembly hang on snatch block with 2 sling ropes DIN 3088 (Ø 8 mm x 1 m with shackle) to the trolley, reeve in assembly rope (perlon rope Ø 14 mm x 12 m) and secure at the trolley.



2.6.1.4 **Trollery jib – suspension plan jib 45 m to 30 m**

Danger in case of disassembling!
Release fixing bolts at the pivot point of the jib. Jib must be balanced before it can be extended. There mustn't be any loose parts on the jib.

The parts of the jib are labeled with a building part identification at the top chord.

Lengths:	jib part	1/2/4/6	= 10,0 m
	jib part	5	= 5,0 m
	rope swivel traverse		= 0,51 m

More details about suspension **A** and support **H9 and H10** see section 2.6.2

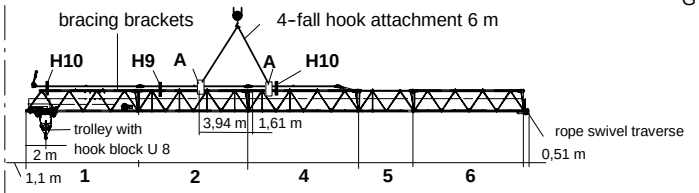
Attention!
For assembly hang on snatch block with 2 sling ropes DIN 3088 (Ø 8 mm x 1 m with shackle) to the trolley, reeve in assembly rope (perlon rope Ø 14 mm x 12 m) and secure at the trolley.

middle of tower

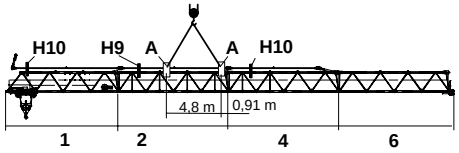
bracing brackets

4-fall hook attachment 6 m

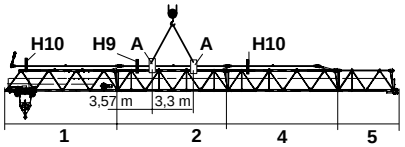
jib 45 m
G = 12 440 kg



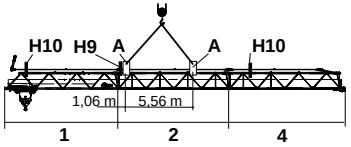
jib 40 m
G = 11 540 kg



jib 35 m
G = 10 740 kg



jib 30 m
G = 9 840 kg



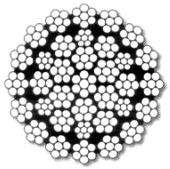
2.7.1.1 **Hoisting rope** **for hoisting winch – Hw 645 FU / Hw 675 FU**

Rope Ø = 16 mm + 4% + 2%

design according to DIN 15 020
kind of operation TWG 1 Am

First equipment

CASAR STARLIFT –
non twisting
flexible hoisting rope
with compressed
rope core



nominal strength = 1770 N/mm²
calc. breaking strength = 234,1 kN
min. breaking strength = 178,1 kN
weight per meter = 1,191 kg

Design

langs lay rope, right handed,
made from cable wire.

middle space factor = 0,654
middle spinning loss factor = 0,76
middle weight factor = 0,90
total twist number = 245

Number of carryig wires in the outer strands
is to be judged by the state of wear according to
DIN 15020 Bl. 2 / ISO DIS 4309 = **112**

Basic equipment

rope length	**270 m**	**for crane with:**	**cable**	**4 fall**
			radius	**60 m**
			hook path	**42 m**

By lengthening the hook path by 1 tower element (4,5 m) the necessary rope length increases by **9 m for operation in 2 falls** and **18,0 m for operation in 4 falls.**

Attention!
A wire rope is a complex machine element.

Conventional rope design frequently doesn't meet the requirements of modern rope drives. Short service life is the result.

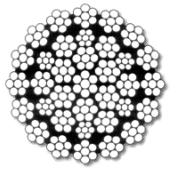
2.7.1.2 **Hoisting rope** **for hoisting winch – Hw 645 FU / Hw 675 FU**

Rope Ø = 16 mm + 4% + 2%

design according to DIN 15 020
kind of operation TWG 1 Am

First equipment

CASAR STARLIFT –
non twisting
flexible hoisting rope
with compressed
rope core



nominal strength = 1770 N/mm²
calc. breaking strength = 234,1 kN
min. breaking strength = 178,1 kN
weight per meter = 1,191 kg

Design

langs lay rope, right handed,
made from cable wire.

middle space factor = 0,654
middle spinning loss factor = 0,76
middle weight factor = 0,90
total twist number = 245

Number of carryig wires in the outer strands
is to be judged by the state of wear according to
DIN 15020 Bl. 2 / ISO DIS 4309 = **112**

Basic equipment

rope length	**200 m**	**for crane with:**	**cable 2 fall** **radius 60 m** **hook path 42 m**

By lengthening the hook path by 1 tower element (4,5 m) the necessary rope length increases by **9 m for operation in 2 falls** and **18,0 m for operation in 4 falls.**

! **Attention!**
A wire rope is a complex machine element.

Conventional rope design frequently doesn't meet the requirements of modern rope drives. Short service life is the result.

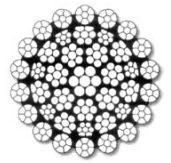
2.7.1.3 **Hoisting rope** **for hoisting winch – Hw 845 FU / Hw 875 FU**

Rope Ø = 16 mm + 4% + 2%

design according to DIN 15 020
kind of operation TWG 1 Am

First equipment

CASAR EUROLIFT –
non twisting
flexible hoisting rope
with compressed outer strands
and compressed rope core



with special packing material grip

nominal strength = 1770 N/mm²
calc. breaking strength = 257,7 kN
min. breaking strength = 209,4 kN
weight per meter = 1,267 kg

Design

langs-lay rope, right handed,
made from blank cable wire.

middle space factor = 0,720
middle spinning loss factor = 0,82
middle weight factor = 0,87
total twist number = 280

Number of carryig wires in the outer strands
is to be judged by the state of wear according to
DIN 15020 Bl. 2 / ISO DIS 4309 = **126**

Basic equipment

rope length	**270 m**	**for crane with:**	**cable 4 fall** **radius 60 m** **hook path 42 m**

By lengthening the hook path by 1 tower element (4,5 m) the necessary rope length increases by **9 m for operation in 2 falls** and **18,0 m for operation in 4 falls.**

! **Attention!**
A wire rope is a complex machine element.

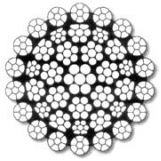
Conventional rope design frequently doesn't meet the requirements of modern rope drives, Short service life is the result.

2.7.1.4 **Hoisting rope** **for hoisting winch – Hw 845 FU / Hw 875 FU**

Rope Ø = 16 mm + 4% + 2%

design according to DIN 15 020
kind of operation TWG 1 Am

First equipment



CASAR EUROLIFT –
non twisting
flexible hoisting rope
with compressed outer strands
and compressed rope core

with special packing material grip

nominal strength = 1770 N/mm²
calc. breaking strength = 257,7 kN
min. breaking strength = 209,4 kN
weight per meter = 1,267 kg

Design

langs–lay rope, right handed,
made from blank cable wire.

middle space factor = 0,720
middle spinning loss factor = 0,82
middle weight factor = 0,87
total twist number = 280

Number of carryig wires in the outer strands
is to be judged by the state of wear according to
DIN 15020 Bl. 2 / ISO DIS 4309 = **126**

Basic equipment

rope length	**200 m**	**for crane with:**	**cable 2 fall** **radius 60 m** **hook path 42 m**

By lengthening the hook path by 1 tower element (4,5 m) the necessary rope length increases by **9 m for operation in 2 falls** and **18,0 m for operation in 4 falls.**

!

Attention!
A wire rope is a complex machine element.

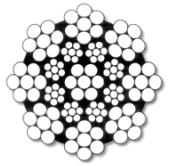
Conventional rope design frequently doesn't meet the requirements of modern rope drives, Short service life is the result.

2.7.2 **Traversing rope**

rope Ø = 8 mm + 4% + 2%

design according to DIN 15 020
kind of operation TWG 1 Am

First equipment



CASAR UNILIFT –
cable with 8 strands
in non–overlapped double
parallel construction
made out of uncompressed strands.

nominal strength = 1770 N/mm²
calc. breaking strength = 57,4 kN
min. breaking strength = 49,9 kN
weight per meter = 0,282 kg

Design

ordinary lay rope, right handed,
surface of wires zinc coated.

middle space factor = 0,643
middle spinning loss factor = 0,90
middle weight factor = 0,87
total twist number = 119

Number of carryig wires in the outer strands
is to be judged by the state of wear according to
DIN 15020 Bl. 2 / ISO DIS 4309 = **56**

Basic equipment

rope lengths	**1 x 72 m** **1 x 118 m**	**for crane with:**	**radius 60 m**

!

Attention!
A wire rope is a complex machine element.

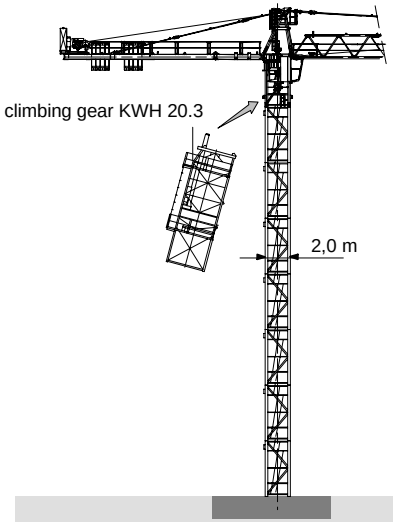
Conventional rope design frequently doesn't meet the requirements of modern rope drives. Short service life is the result.

2.8.1 **Insertable exterior climbing gear KWH 20.3**

!

Attention!
The erection of the climbing gear with the tower crane WOLFF **6028.8** *compact* is possible with operation in 2 falls.

Details about climbing gear KWH 20.3 see additional equipment, section 12.



Min. height with stationary erection:
3 tower elements = 13,5 m tower height

Min. height with travelling erection:
2 tower elements + undercarriage ca. 13,5 m tower height

2.8.1.1 **Table of balancing weights**

6028.8 *compact* balancing weight	**jib** 30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 = 1,95 t *	** 26,0 m	26,1 m	26,0 m	20,7 m	15,4 m	--	--
TV 20 = 3,05 t	17,3 m	17,3 m	17,2 m	13,4 m	9,6 m	--	--
without balancing weight	--	--	--	--	--	30,0 m	18,2 m

* The balancing weights indicated are gross weights of the tower elements or load.

** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing will be achieved by travelling of trolley with tower element or load and may be checked by travelling apart free of mismatch at the joints of the tower.

-- balancing not possible

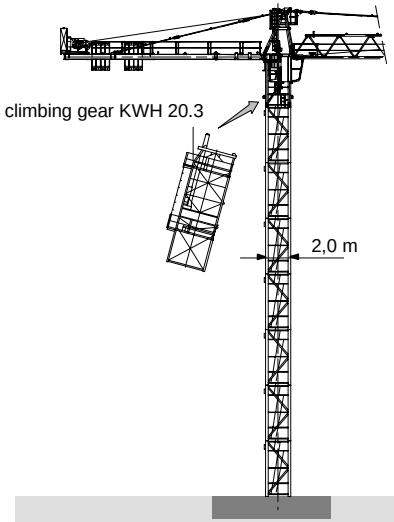
Danger!
The climbing gear is an auxilliary device for erection and mustn't stay at the tower crane WOLFF under normal working conditions.

2.8.2 **Insertable exterior climbing gear KWH 20.3**

!

Attention!
The erection of the climbing gear with the tower crane WOLFF **6028.12** *compact* is possible with operation in 2 falls.

Details about climbing gear KWH 20.3 see additional equipment, section 12.



Min. height with stationary erection:
3 tower elements = 13,5 m tower height

Min. height with travelling erection:
2 tower elements + undercarriage ca. 13,5 m tower height

2.8.1.1 **Table of balancing weights**

6028.12 *compact* balancing weight	**jib** 30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 = 1,95 t *	** 22,1 m	22,2 m	22,0 m	17,5 m	--	--	--
TV 20 = 3,05 t	15,3 m	15,3 m	15,2 m	11,9 m	--	--	--
without balancing weight	--	--	--	--	35,3 m	18,4 m	11,0 m

* The balancing weights indicated are gross weights of the tower elements or load.

** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing will be achieved by travelling of trolley with tower element or load and may be checked by travelling apart free of mismatch at the joints of the tower.

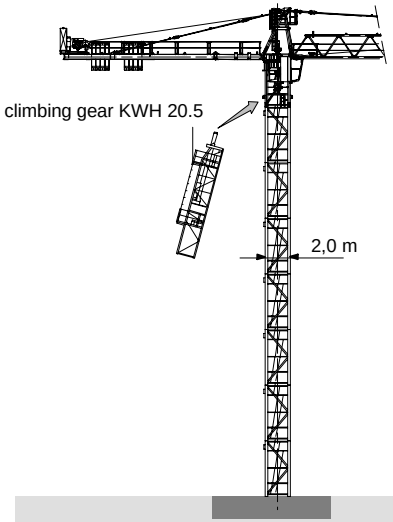
-- balancing not possible

Danger!
The climbing gear is an auxilliary device for erection and mustn't stay at the tower crane WOLFF under normal working conditions.

2.8.3 **Insertable exterior climbing gear KWH 20.5**

! **Attention!**
The erection of the climbing gear with the tower crane WOLFF **6028.8** *compact* is possible with operation in 2 falls.

Details about climbing gear KWH 20.5 see additional equipment, section 12.



Min. height with stationary erection:
2 tower elements = 9,0 m tower height

Min. height with travelling erection:
2 tower elements + undercarriage ca. 13,5 m tower height

2.8.3.1 **Table of balancing weights**

6028.8 *compact* balancing weight	**jib** 30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 = 1,95 t *	** 25,1 m	25,2 m	25,0 m	14,7 m	14,5 m	--	--
TV 20 = 3,05 t	16,5 m	16,6 m	16,5 m	12,7 m	9,0 m	--	--
without balancing weight	--	--	--	--	--	26,7 m	15,0 m

* The balancing weights indicated are gross weights of the tower elements or load.

** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing will be achieved by travelling of trolley with tower element or load and may be checked by travelling apart free of mismatch at the joints of the tower.

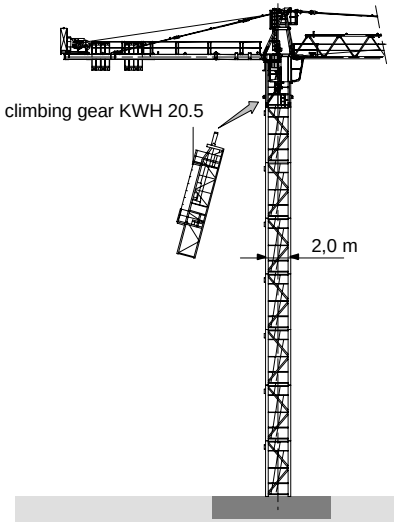
-- balancing not possible

Danger!
The climbing gear is an auxilliary device for erection and mustn't stay at the tower crane WOLFF under normal working conditions.

2.8.4 **Insertable exterior climbing gear KWH 20.5**

! **Attention!**
The erection of the climbing gear with the tower crane WOLFF **6028.12** *compact* is possible with operation in 4 falls.

Details about climbing gear KWH 20.5 see additional equipment, section 12.



Min. height with stationary erection:
2 tower elements = 9,0 m tower height

Min. height with travelling erection:
2 tower elements + undercarriage ca. 13,5 m tower height

2.8.4.1 **Table of balancing weights**

6028.12 *compact* balancing weight	**jib** 30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 = 1,95 t *	** 21,2 m	21,3 m	21,2 m	16,6 m	--	--	--
TV 20 = 3,05 t	14,5 m	14,6 m	14,5 m	11,1 m	--	--	--
without balancing weight	--	--	--	--	33,1 m	16,2 m	8,8 m

* The balancing weights indicated are gross weights of the tower elements or load.

** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing will be achieved by travelling of trolley with tower element or load and may be checked by travelling apart free of mismatch at the joints of the tower.

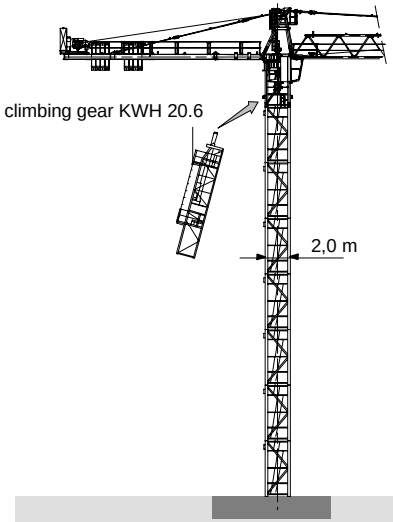
-- balancing not possible

Danger!
The climbing gear is an auxilliary device for erection and mustn't stay at the tower crane WOLFF under normal working conditions.

2.8.5 **Insertable exterior climbing gear KWH 20.6**

! **Attention!**
The erection of the climbing gear with the tower crane WOLFF 6028.8 *compact* is possible with operation in 2 falls.

Details about climbing gear KWH 20.6 see additional equipment, section 12.



Min. height with stationary erection:
2 tower elements = 9,0 m tower height

Min. height with travelling erection:
2 tower elements + undercarriage ca. 13,5 m tower height

2.8.5.1 **Table of balancing weights**

6028.8 *compact* balancing weight	**jib** 30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 = 1,95 t *	** 25,1 m	25,2 m	25,0 m	14,7 m	14,5 m	--	--
TV 20 = 3,05 t	16,5 m	16,6 m	16,5 m	12,7 m	9,0 m	--	--
without balancing weight	--	--	--	--	--	26,7 m	15,0 m

* The balancing weights indicated are gross weights of the tower elements or load.

** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing will be achieved by travelling of trolley with tower element or load and may be checked by travelling apart free of mismatch at the joints of the tower.

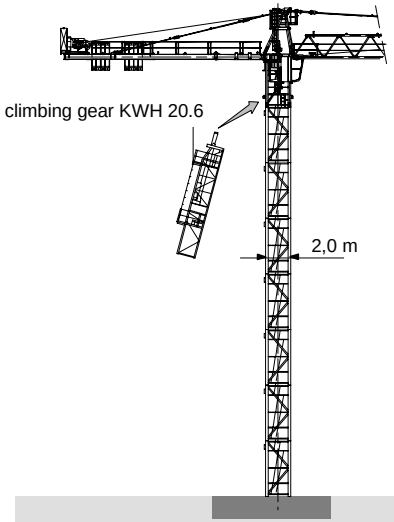
-- balancing not possible

Danger!
The climbing gear is an auxilliary device for erection and mustn't stay at the tower crane WOLFF under normal working conditions.

2.8.6 **Insertable exterior climbing gear KWH 20.6**

! **Attention!**
The erection of the climbing gear with the tower crane WOLFF 6028.12 *compact* is possible with operation in 4 falls.

Details about climbing gear KWH 20.6 see additional equipment, section 12.



Min. height with stationary erection:
2 tower elements = 9,0 m tower height

Min. height with travelling erection:
2 tower elements + undercarriage ca. 13,5 m tower height

2.8.6.1 **Table of balancing weights**

6028.12 *compact* balancing weight	**jib** 30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 = 1,95 t *	** 21,2 m	21,3 m	21,2 m	16,6 m	--	--	--
TV 20 = 3,05 t	14,5 m	14,6 m	14,5 m	11,1 m	--	--	--
without balancing weight	--	--	--	--	33,1 m	16,2 m	8,8 m

* The balancing weights indicated are gross weights of the tower elements or load.

** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing will be achieved by travelling of trolley with tower element or load and may be checked by travelling apart free of mismatch at the joints of the tower.

-- balancing not possible

Danger!
The climbing gear is an auxilliary device for erection and mustn't stay at the tower crane WOLFF under normal working conditions.

2.8.7 **Insertable internal climbing gear KSH 20 H**

For use of the WOLFF **6028.6** or **.8** *compact* in connection with internal climbing gear KSH 20 H, the tower combination has to be observed as shown here.

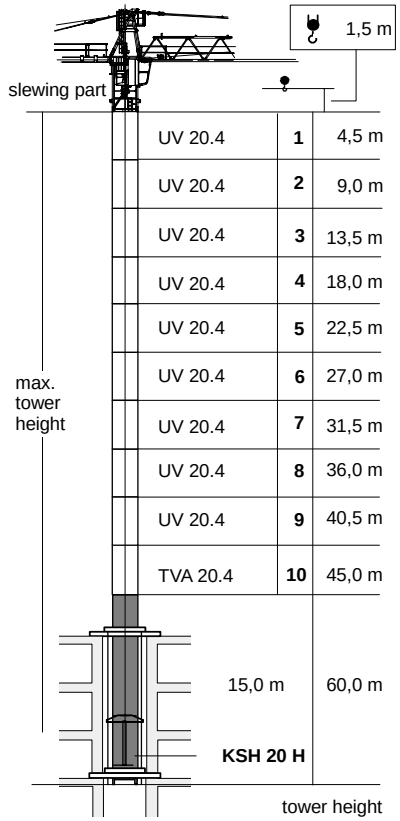
Details about climbing drive KSH 20 H see additional equipment, section 12.

2.8.7.1 **Table of balancing weights**

* The balancing weights indicated are gross weights of the tower elements or load.

** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing must achieved by travelling of trolley with tower element or load and can checked by measuring the distance between corner posts and tensioning brackets. This distance shall be equal at all four corner posts.

-- balancing not possible



6028.6 or .8 *compact*	**jib**						
balancing weight *	30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 * = 1,95 t	--	--	--	--	39,3 m **	34,2 m	31,3 m
TV 20 = 3,05 t	--	--	34,9 m	32,6 m	29,3 m	25,5 m	23,4 m
weight = 5,00 t	21,2 m	22,0 m	22,6 m	21,1 m	--	--	--
weight = 8,00 t	14,3 m	14,8 m	--	--	--	--	--

2.8.7.3 **Insertable internal climbing gear KSH 20 H**

For use of the WOLFF 6028.12 *compact* in connection with internal climbing gear KSH 20 H, the tower combination has to be observed as shown here.

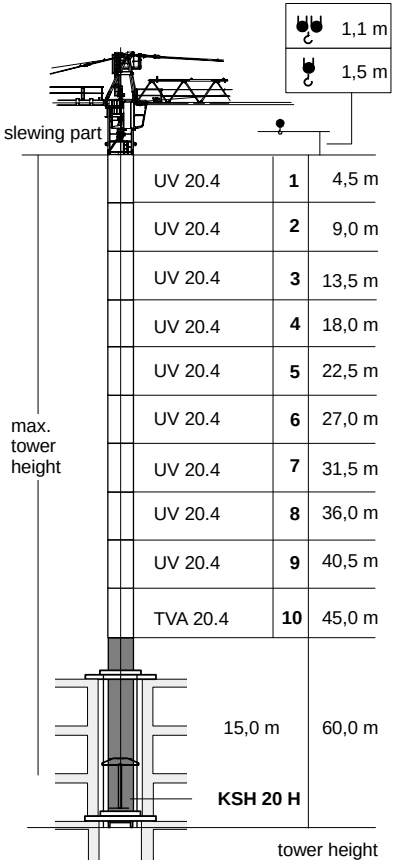
Details about climbing drive KSH 20 H see additional equipment, section 12.

2.8.7.4 **Table of balancing weights**

* The balancing weights indicated are gross weights of the tower elements or load.

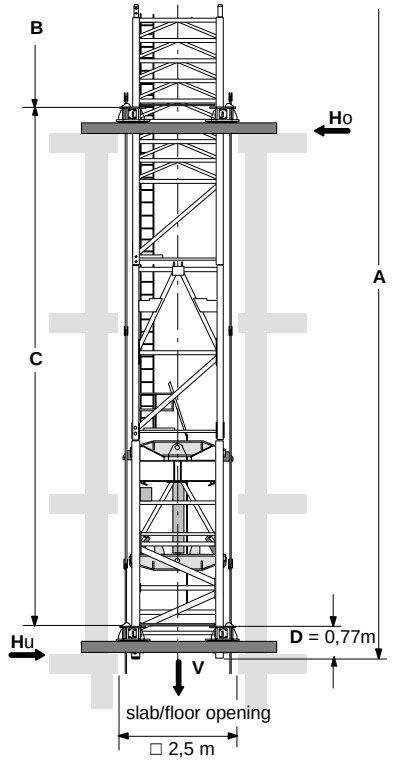
** The indicated radius refers to the centre of the tower and shall be treated as standard value. Exact balancing must achieved by travelling of trolley with tower element or load and can checked by measuring the distance between corner posts and tensioning brackets. This distance shall be equal at all four corner posts.

-- balancing not possible



6028.12 *compact*	**jib**						
balancing weight *	30 m	35 m	40 m	45 m	50 m	55 m	60 m
UV 20 * = 1,95 t	--	--	--	--	39,3 m **	34,2 m	31,3 m
TV 20 = 3,05 t	--	--	34,9 m	32,6 m	29,3 m	25,5 m	23,4 m
weight = 5,00 t	21,2 m	22,0 m	22,6 m	21,1 m	--	--	--
weight = 8,00 t	14,3 m	14,8 m	--	--	--	--	--

2.8.7.5 **Reacting forces to building** **for hydraulic internal climbing gear KSH 20 H**



A = tower height

B = A – C – D

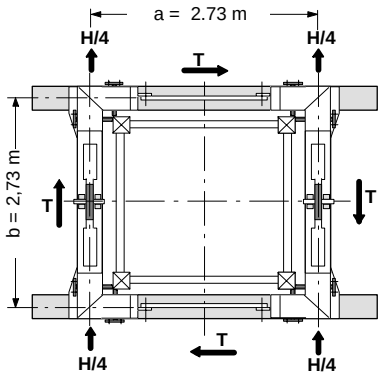
C = distance between guiding frames

C_{min} = 11,0 m
C_{max} = 14,0 m

Ho = $\frac{M}{C}$ + H

Hu = Ho – H

T = $\frac{M_D}{2 \times b}$



reacting forces to building (kN) **in operation**

A(m)	**60,0**				**55,5**				**51,0**				**46,5**			
C(m)	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14
V	1072				1054				1036				1018			
Ho	390	360	330	310	365	335	310	285	340	310	290	270	320	290	270	250
Hu	350	315	285	260	320	290	265	245	300	270	250	225	280	250	230	210
T	60				60				60				60			

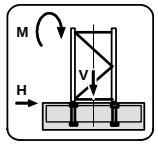
reacting forces to building (kN) **out of operation**

A(m)	**60,0**				**55,5**				**51,0**				**46,5**			
C(m)	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14
V	950				932				914				896			
Ho	615	565	520	485	550	505	465	430	485	445	410	380	430	395	365	340
Hu	440	390	350	310	385	340	300	270	335	290	260	230	285	250	220	190
T					0				0				0			

962-4-026682E

3.1.1 **Foundation loads according to DIN**

Inclusive all dynamic factors, theory order II taken into account
for statioary tower crane on a concrete foundation
according to tower configuration without climbing device
Permanent acting moment = **961** kNm
M = moment **H** = horizintal force **V** = vertical load



Foundation loads **Jib length 30 - 60 m**

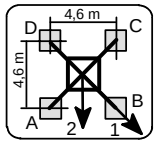
height under hook		**Crane in service** torque moment **320** kNm			**Crane out of service**			**Assembly**		
[m]	[m]	**M** [kNm]	**H** [kN]	**V** [kN]	**M** [kNm]	**H** [kN]	**V** [kN]	**M** [kNm]	**H** [kN]	**V** [kN]
10,1	10,5	2140	24	732	223	38	600	2400	13	364
14,6	15,0	2270	25	751	422	43	618	2470	14	382
19,1	19,5	2410	26	769	916	59	636	2550	16	400
23,6	24,0	2560	28	787	1260	66	654	2640	17	418
28,1	28,5	2740	29	805	1640	72	673	2750	19	437
32,6	33,0	2930	31	824	2060	79	691	2860	20	455
37,1	37,5	3150	32	841	2530	85	709	2990	22	473
41,6	42,0	3390	34	860	3040	92	727	3140	24	491
46,1	46,5	3660	35	878	3600	99	745	3300	25	509
50,6	51,0	3870	38	916	4160	107	784	3440	27	548
55,1	55,5	4150	40	945	4810	115	812	3610	30	576
59,6	60,0	4460	42	973	5530	123	840	3800	31	604
64,1	64,5	4800	44	1001	6330	132	869	4010	33	633
68,6	69,0	5050	47	1051	7120	143	918	4200	36	682
73,1	73,5	5390	49	1083	8010	153	951	4420	38	714
77,6	78,0	5720	51	1123	8910	162	991	4640	41	755
Attention! Tower configuration with basis tower BT 29										
79,8	80,2	5730	54	1181	9190	169	1048	4690	43	812
84,3	84,7	6060	56	1227	10200	180	1095	4930	46	859
88,9	89,2	6440	59	1273	11320	192	1141	5200	48	905
93,3	93,7	6850	61	1320	12500	203	1187	5480	51	952
97,8	98,2	7290	64	1366	14730	222	1234	5780	53	997

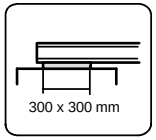
Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

962-4-026746E

3.2.1.1 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



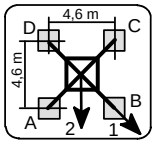


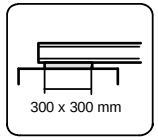
KR 10 - 46 **Corner distance 4,6 m x 4,6 m** **Jib length 30 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm					jib position	crane out of service torque moment: 0 kNm					
				corner loads				horizontal force		corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	77,5	1	350	623	350	77	26	1	264	476	264	52	44
			2	543	543	157	157		2	414	414	114	114	
11,3	11,7	77,5	1	354	643	354	66	28	1	268	489	268	48	47
			2	558	558	150	150		2	424	424	113	113	
15,8	16,2	77,5	1	359	665	359	53	29	1	273	503	273	43	51
			2	575	575	142	142		2	436	436	110	110	
20,3	20,7	77,5	1	363	689	363	38	31	1	278	518	278	37	67
			2	593	593	133	133		2	448	448	107	107	
24,8	25,2	77,5	1	368	715	368	21	32	1	282	535	282	29	73
			2	613	613	122	122		2	461	461	103	103	
29,3	29,7	77,5	1	372	743	372	2	34	1	287	553	287	20	80
			2	634	634	110	110		2	475	475	98	98	
33,8	34,2	77,5	1	357	794	357	0	35	1	291	572	291	10	86
			2	658	658	96	96		2	490	490	92	92	
38,3	38,7	77,5	1	337	852	337	0	37	1	351	601	351	102	93
			2	683	683	80	80		2	528	528	175	175	
42,8	43,2	90,0	1	376	916	376	0	39	1	387	708	387	66	100
			2	741	741	93	93		2	614	614	160	160	
47,3	47,7	107,5	1	437	987	437	0	40	1	436	835	436	36	106
			2	815	815	116	116		2	718	718	153	153	
51,8	52,2	122,5	1	501	1048	501	0	43	1	483	964	483	1	115
			2	883	883	142	142		2	823	823	142	142	
56,3	56,7	142,5	1	570	1131	570	8	45	1	506	1148	506	0	123
			2	967	967	173	173		2	945	945	134	134	
60,8	61,2	165,0	1	633	1236	633	30	47	1	532	1349	532	0	131
			2	1059	1059	207	207		2	1080	1080	126	126	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.2.1.2 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



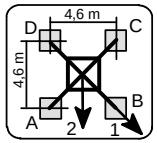


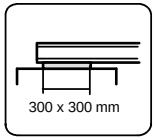
KR 10 - 46 **Corner distance 4,6 m x 4,6 m** **Jib length 35 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm					jib position	crane out of service torque moment: 0 kNm					
				corner loads				horizontal force		corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	67,5	1	334	588	334	80	26	1	239	452	239	26	44
			2	514	514	154	154		2	389	389	89	89	
11,3	11,7	67,5	1	338	608	338	68	28	1	243	465	243	22	47
			2	529	529	147	147		2	400	400	87	87	
15,8	16,2	67,5	1	343	630	343	55	30	1	248	479	248	17	52
			2	546	546	140	140		2	411	411	85	85	
20,3	20,7	67,5	1	347	655	347	40	31	1	253	494	253	11	68
			2	565	565	130	130		2	423	423	82	82	
24,8	25,2	67,5	1	352	681	352	23	33	1	257	511	257	3	74
			2	584	584	119	119		2	437	437	78	78	
29,3	29,7	67,5	1	357	709	357	4	34	1	256	535	256	0	81
			2	606	606	107	107		2	451	451	73	73	
33,8	34,2	67,5	1	343	758	343	0	36	1	250	565	250	0	87
			2	629	629	93	93		2	467	467	195	195	
38,3	38,7	72,5	1	348	817	348	0	37	1	348	607	348	90	94
			2	667	667	89	89		2	531	531	165	165	
42,8	43,2	90,0	1	412	882	412	0	39	1	396	728	396	65	101
			2	738	738	115	115		2	631	631	162	162	
47,3	47,7	107,5	1	472	954	472	0	40	1	445	856	445	33	107
			2	812	812	137	137		2	736	736	154	154	
51,8	52,2	122,5	1	522	1029	522	14	43	1	489	989	489	0	116
			2	881	881	163	163		2	841	841	142	142	
56,3	56,7	142,5	1	579	1124	579	33	45	1	510	1176	510	0	124
			2	965	965	193	193		2	965	965	133	133	
60,8	61,2	165,0	1	642	1230	642	55	47	1	534	1381	534	0	132
			2	1058	1058	227	227		2	1101	1101	124	124	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.2.1.3 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





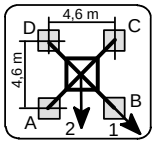
KR 10 - 46 **Corner distance 4,6 m x 4,6 m** **Jib length 40 m**

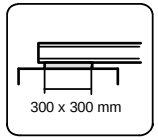
height under hook		center ballast	jib position	crane in service torque moment: **320** kNm					jib position	crane out of service torque moment: 0 kNm				
				corner loads				horizontal force		corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	62,5	1	330	573	330	87	27	1	254	440	254	68	45
			2	502	502	158	158		2	386	386	123	123	
11,3	11,7	62,5	1	334	593	334	75	28	1	259	456	259	62	48
			2	517	517	151	151		2	398	398	119	119	
15,8	16,2	62,5	1	339	616	339	62	30	1	263	473	263	54	52
			2	535	535	143	143		2	412	412	115	115	
20,3	20,7	62,5	1	343	640	343	47	31	1	268	491	268	45	68
			2	553	553	134	134		2	426	426	110	110	
24,8	25,2	62,5	1	348	666	348	30	33	1	272	511	272	34	75
			2	573	573	123	123		2	441	441	104	104	
29,3	29,7	62,5	1	353	695	353	10	34	1	230	536	230	0	81
			2	595	595	110	110		2	458	458	97	97	
33,8	34,2	62,5	1	345	738	345	0	36	1	224	567	224	0	88
			2	618	618	96	96		2	475	475	88	88	
38,3	38,7	70,0	1	362	797	362	0	37	1	350	617	350	84	95
			2	662	662	98	98		2	539	539	162	162	
42,8	43,2	85,0	1	413	863	413	0	39	1	392	733	392	52	101
			2	728	728	117	117		2	633	633	151	151	
47,3	47,7	105,0	1	477	945	477	9	40	1	447	869	447	25	108
			2	808	808	146	146		2	746	746	148	148	
51,8	52,2	120,0	1	524	1023	524	25	43	1	482	1011	482	0	116
			2	877	877	171	171		2	852	852	136	136	
56,3	56,7	140,0	1	581	1118	581	44	45	1	501	1202	501	0	124
			2	961	961	201	201		2	976	976	126	126	
60,8	61,2	167,5	1	657	1237	657	77	47	1	549	1410	549	0	132
			2	1067	1067	247	247		2	1126	1126	128	128	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.1.4 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





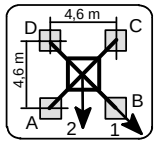
KR 10 - 46 **Corner distance 4,6 m x 4,6 m** **Jib length 45 m**

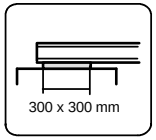
height under hook		center ballast	jib position	crane in service torque moment: **320** kNm					jib position	crane out of service torque moment: 0 kNm				
				corner loads				horizontal force		corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	62,5	1	339	595	339	83	27	1	257	508	257	6	45
			2	520	520	158	158		2	434	434	79	79	
11,3	11,7	62,5	1	344	615	344	72	28	1	260	525	260	0	48
			2	536	536	151	151		2	447	447	76	76	
15,8	16,2	62,5	1	348	638	348	58	30	1	257	550	257	0	53
			2	553	553	143	143		2	460	460	71	71	
20,3	20,7	62,5	1	353	662	353	43	31	1	251	579	251	0	69
			2	572	572	134	134		2	475	475	66	66	
24,8	25,2	62,5	1	357	689	357	25	33	1	245	610	245	0	76
			2	592	592	122	122		2	491	491	59	59	
29,3	29,7	62,5	1	362	719	362	5	34	1	236	646	236	0	82
			2	614	614	109	109		2	508	508	51	51	
33,8	34,2	62,5	1	348	769	348	0	36	1	226	684	226	0	89
			2	638	638	94	94		2	526	526	42	42	
38,3	38,7	62,5	1	327	830	327	0	37	1	214	727	214	0	95
			2	664	664	77	77		2	552	552	130	130	
42,8	43,2	77,5	1	377	898	377	0	39	1	275	773	275	0	102
			2	730	730	95	95		2	647	647	118	118	
47,3	47,7	97,5	1	448	974	448	0	40	1	417	915	417	0	109
			2	812	812	123	123		2	761	761	114	114	
51,8	52,2	112,5	1	511	1036	511	0	43	1	427	1085	427	0	117
			2	881	881	148	148		2	868	868	101	101	
56,3	56,7	142,5	1	597	1155	597	38	45	1	493	1280	493	0	125
			2	991	991	202	202		2	1019	1019	114	114	
60,8	61,2	175,0	1	685	1287	685	83	47	1	563	1493	563	0	133
			2	1111	1111	259	259		2	1183	1183	127	127	

Attention!
For the **WOLFF 6028.6** or **.8** only the column for the hook height is valid.

3.2.1.5 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



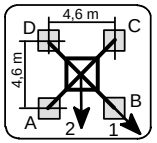


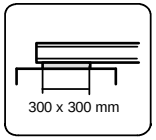
KR 10 - 46 **Corner distance 4,6 m x 4,6 m** **Jib length 50 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm corner loads				horizontal force	jib position	crane out of service torque moment: 0 kNm corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	65,0	1	346	616	346	76	27	1	249	556	249	0	46
			2	537	537	155	155		2	460	460	67	67	
11,3	11,7	65,0	1	350	636	350	65	28	1	247	579	247	0	49
			2	553	553	148	148		2	473	473	63	63	
15,8	16,2	65,0	1	355	659	355	51	30	1	243	605	243	0	54
			2	570	570	140	140		2	487	487	59	59	
20,3	20,7	65,0	1	360	684	360	35	32	1	238	634	238	0	70
			2	589	589	130	130		2	502	502	53	53	
24,8	25,2	65,0	1	364	711	364	17	33	1	230	667	230	0	77
			2	610	610	119	119		2	518	518	46	46	
29,3	29,7	65,0	1	365	745	365	0	35	1	222	703	222	0	83
			2	632	632	105	105		2	535	535	38	38	
33,8	34,2	65,0	1	346	801	346	0	36	1	211	742	211	0	90
			2	656	656	90	90		2	553	553	29	29	
38,3	38,7	67,5	1	337	863	337	0	38	1	211	786	211	0	96
			2	689	689	79	79		2	591	591	117	117	
42,8	43,2	72,5	1	336	932	336	0	39	1	221	834	221	0	103
			2	731	731	71	71		2	663	663	80	80	
47,3	47,7	97,5	1	431	1010	431	0	41	1	379	995	379	0	109
			2	825	825	111	111		2	790	790	86	86	
51,8	52,2	122,5	1	540	1077	540	4	43	1	437	1166	437	0	118
			2	919	919	161	161		2	923	923	98	98	
56,3	56,7	155,0	1	629	1206	629	52	45	1	515	1364	515	0	126
			2	1037	1037	221	221		2	1081	1081	116	116	
60,8	61,2	187,5	1	717	1339	717	95	47	1	583	1581	583	0	134
			2	1157	1157	277	277		2	1246	1246	128	128	
Attention! For the **WOLFF 6028.6** or **.8***compact* only the column [hook] for the hook height is valid.														

3.2.1.6 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



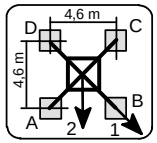


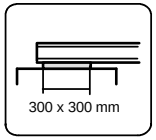
KR 10 - 46 **Corner distance 4,6 m x 4,6 m** **Jib length 55 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm corner loads				horizontal force	jib position	crane out of service torque moment: 0 kNm corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	65,0	1	355	631	355	79	27	1	180	705	180	0	47
			2	550	550	160	160		2	516	516	17	17	
11,3	11,7	67,5	1	366	659	366	73	29	1	189	729	189	0	50
			2	573	573	159	159		2	535	535	19	19	
15,8	16,2	70,0	1	377	688	377	66	30	1	197	756	197	0	54
			2	597	597	157	157		2	555	555	20	20	
20,3	20,7	72,5	1	388	719	388	56	32	1	204	786	204	0	71
			2	622	622	153	153		2	576	576	21	21	
24,8	25,2	77,5	1	405	760	405	49	33	1	221	820	221	0	77
			2	656	656	153	153		2	606	606	26	26	
29,3	29,7	80,0	1	415	796	415	35	35	1	224	858	224	0	84
			2	685	685	146	146		2	630	630	23	23	
33,8	34,2	85,0	1	432	842	432	23	36	1	237	900	237	0	91
			2	722	722	143	143		2	661	661	25	25	
38,3	38,7	90,0	1	449	891	449	8	38	1	248	946	248	0	97
			2	762	762	137	137		2	695	695	26	26	
42,8	43,2	97,5	1	468	955	468	0	39	1	269	996	269	0	104
			2	810	810	135	135		2	766	766	120	120	
47,3	47,7	107,5	1	487	1035	487	0	41	1	400	1090	400	0	110
			2	868	868	136	136		2	858	858	87	87	
51,8	52,2	135,0	1	581	1130	581	31	43	1	469	1264	469	0	119
			2	969	969	192	192		2	998	998	104	104	
56,3	56,7	165,0	1	663	1254	663	71	45	1	532	1467	532	0	127
			2	1081	1081	244	244		2	1151	1151	114	114	
60,8	61,2	200,0	1	757	1395	757	119	47	1	610	1690	610	0	135
			2	1208	1208	306	306		2	1325	1325	130	130	
Attention! For the **WOLFF 6028.6** or **.8***compact* only the column [hook] for the hook height is valid.														

3.2.1.7 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



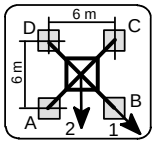


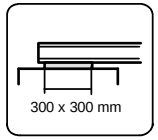
KR 10 - 46 **Corner distance 4,6 m x 4,6 m** **Jib length 60 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm corner loads				horizontal force	jib position	crane out of service torque moment: 0 kNm corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	70,0	1	368	629	368	106	27	1	191	732	191	0	47
			2	553	553	183	183		2	538	538	20	20	
11,3	11,7	72,5	1	378	656	378	100	29	1	201	756	201	0	50
			2	575	575	182	182		2	557	557	22	22	
15,8	16,2	75,0	1	389	686	389	93	30	1	209	783	209	0	55
			2	599	599	180	180		2	577	577	23	23	
20,3	20,7	77,5	1	400	717	400	83	32	1	215	814	215	0	71
			2	624	624	176	176		2	599	599	23	23	
24,8	25,2	80,0	1	411	751	411	71	33	1	220	848	220	0	78
			2	651	651	170	170		2	622	622	22	22	
29,3	29,7	85,0	1	428	794	428	62	35	1	235	886	235	0	85
			2	687	687	169	169		2	652	652	26	26	
33,8	34,2	90,0	1	445	839	445	51	36	1	248	929	248	0	91
			2	724	724	166	166		2	684	684	28	28	
38,3	38,7	95,0	1	462	888	462	36	38	1	258	975	258	0	98
			2	763	763	161	161		2	719	719	145	145	
42,8	43,2	100,0	1	479	941	479	17	39	1	267	1027	267	0	104
			2	805	805	153	153		2	793	793	105	105	
47,3	47,7	117,5	1	527	1029	527	26	41	1	419	1151	419	0	111
			2	882	882	173	173		2	904	904	90	90	
51,8	52,2	142,5	1	599	1133	599	66	43	1	475	1327	475	0	120
			2	977	977	222	222		2	1039	1039	100	100	
56,3	56,7	175,0	1	688	1263	688	113	45	1	549	1532	549	0	128
			2	1094	1094	281	281		2	1200	1200	116	116	
60,8	61,2	210,0	1	782	1403	782	162	47	1	626	1757	626	0	136
			2	1221	1221	343	343		2	1374	1374	131	131	
Attention! For the **WOLFF 6028.6** or **.8** only the column ↑ for the hook height is valid.														

3.2.2.1 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



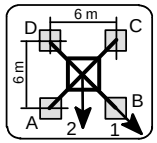


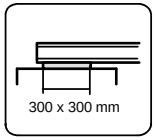
KR 10 - 60 **Corner distance 6 m x 6 m** **Jib length 30 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm corner loads				horizontal force	jib position	crane out of service torque moment: 0 kNm corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	42,5	1	266	475	266	57	26	1	180	343	180	18	44
			2	414	414	118	118		2	296	296	65	65	
11,3	11,7	42,5	1	271	492	271	49	28	1	185	354	185	16	47
			2	427	427	114	114		2	305	305	65	65	
15,8	16,2	42,5	1	275	510	275	41	29	1	190	366	190	13	51
			2	441	441	109	109		2	314	314	65	65	
20,3	20,7	42,5	1	280	529	280	30	31	1	194	379	194	10	67
			2	456	456	103	103		2	325	325	64	64	
24,8	25,2	42,5	1	284	550	284	18	32	1	199	392	199	5	73
			2	472	472	96	96		2	336	336	62	62	
29,3	29,7	42,5	1	289	573	289	5	34	1	202	408	202	0	80
			2	490	490	88	88		2	348	348	59	59	
33,8	34,2	42,5	1	282	609	282	0	35	1	200	431	200	0	86
			2	509	509	78	78		2	363	363	164	164	
38,3	38,7	42,5	1	269	653	269	0	37	1	268	459	268	77	93
			2	529	529	67	67		2	403	403	133	133	
42,8	43,2	52,5	1	304	702	304	0	39	1	297	544	297	51	100
			2	576	576	79	79		2	472	472	123	123	
47,3	47,7	65,0	1	348	757	348	0	40	1	333	640	333	27	106
			2	631	631	96	96		2	550	550	116	116	
51,8	52,2	77,5	1	404	806	404	3	43	1	374	743	374	5	115
			2	688	688	120	120		2	635	635	113	113	
56,3	56,7	90,0	1	442	873	442	12	45	1	385	880	385	0	123
			2	747	747	138	138		2	723	723	101	101	
60,8	61,2	107,5	1	493	955	493	31	47	1	410	1034	410	0	131
			2	820	820	167	167		2	829	829	98	98	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ↑ for the hook height is valid.														

3.2.2.2 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





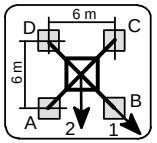
KR 10 - 60 **Corner distance 6 m x 6 m** **Jib length 35 m**

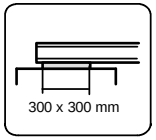
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
6,8	7,2	35,0	1	257	451	257	62	26	1	160	326	160	0	44
			2	394	394	119	119		2	279	279	174	174	
11,3	11,7	35,0	1	261	468	261	54	28	1	163	339	163	0	47
			2	407	407	115	115		2	286	286	46	46	
15,8	16,2	35,0	1	266	486	266	45	30	1	165	354	165	0	52
			2	422	422	110	110		2	296	296	46	46	
20,3	20,7	35,0	1	270	506	270	35	31	1	165	370	165	0	68
			2	437	437	104	104		2	306	306	44	44	
24,8	25,2	35,0	1	275	527	275	23	33	1	165	389	165	0	74
			2	453	453	96	96		2	317	317	42	42	
29,3	29,7	35,0	1	279	550	279	9	34	1	164	410	164	0	81
			2	471	471	88	88		2	329	329	39	39	
33,8	34,2	35,0	1	277	581	277	0	36	1	161	433	161	0	87
			2	489	489	78	78		2	358	358	150	150	
38,3	38,7	37,5	1	276	626	276	0	37	1	265	463	265	67	94
			2	516	516	73	73		2	405	405	125	125	
42,8	43,2	50,0	1	323	676	323	0	39	1	300	555	300	46	101
			2	569	569	91	91		2	480	480	121	121	
47,3	47,7	65,0	1	372	738	372	7	40	1	342	658	342	27	107
			2	631	631	114	114		2	566	566	119	119	
51,8	52,2	75,0	1	407	796	407	18	43	1	375	758	375	0	116
			2	682	682	132	132		2	645	645	109	109	
56,3	56,7	90,0	1	452	870	452	33	45	1	392	902	392	0	124
			2	747	747	156	156		2	741	741	103	103	
60,8	61,2	107,5	1	502	953	502	52	47	1	415	1059	415	0	132
			2	821	821	184	184		2	847	847	98	98	

Attention!
For the **WOLFF 6028.6** or **.8***compact* only the column for the hook height is valid.

3.2.2.3 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





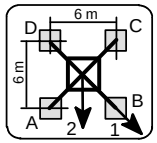
KR 10 - 60 **Corner distance 6 m x 6 m** **Jib length 40 m**

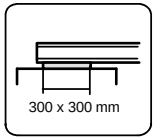
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
6,8	7,2	30,0	1	253	439	253	66	27	1	135	327	135	0	45
			2	384	384	121	121		2	278	278	76	76	
11,3	11,7	30,0	1	257	456	257	58	28	1	138	339	138	0	48
			2	397	397	117	117		2	288	288	75	75	
15,8	16,2	30,0	1	262	474	262	49	30	1	139	354	139	0	52
			2	412	412	112	112		2	300	300	73	73	
20,3	20,7	30,0	1	266	493	266	39	31	1	140	371	140	0	68
			2	427	427	106	106		2	312	312	70	70	
24,8	25,2	30,0	1	271	515	271	27	33	1	140	390	140	0	75
			2	443	443	98	98		2	325	325	66	66	
29,3	29,7	30,0	1	275	538	275	13	34	1	138	411	138	0	81
			2	461	461	90	90		2	338	338	61	61	
33,8	34,2	30,0	1	277	566	277	0	36	1	136	434	136	0	88
			2	480	480	80	80		2	358	358	142	142	
38,3	38,7	35,0	1	288	611	288	0	37	1	267	471	267	62	95
			2	513	513	81	81		2	411	411	122	122	
42,8	43,2	47,5	1	333	664	333	2	39	1	303	564	303	41	101
			2	567	567	99	99		2	487	487	118	118	
47,3	47,7	62,5	1	375	734	375	16	40	1	345	668	345	21	108
			2	628	628	121	121		2	574	574	116	116	
51,8	52,2	72,5	1	409	792	409	27	43	1	371	775	371	0	116
			2	680	680	139	139		2	653	653	105	105	
56,3	56,7	87,5	1	454	866	454	42	45	1	387	922	387	0	124
			2	745	745	163	163		2	750	750	98	98	
60,8	61,2	107,5	1	511	956	511	66	47	1	421	1081	421	0	132
			2	825	825	197	197		2	863	863	99	99	

Attention!
For the **WOLFF 6028.6** or **.8***compact* only the column for the hook height is valid.

3.2.2.4 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





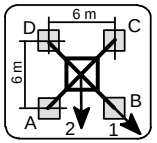
KR 10 - 60 **Corner distance 6 m x 6 m** **Jib length 45 m**

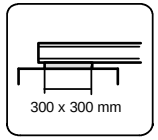
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
6,8	7,2	30,0	1	262	458	262	66	27	1	167	385	167	0	45
			2	400	400	123	123		2	316	316	43	43	
11,3	11,7	30,0	1	266	475	266	58	28	1	167	402	167	0	48
			2	414	414	119	119		2	326	326	42	42	
15,8	16,2	30,0	1	271	493	271	49	30	1	166	422	166	0	53
			2	428	428	114	114		2	338	338	39	39	
20,3	20,7	30,0	1	275	513	275	38	31	1	164	444	164	0	69
			2	443	443	107	107		2	350	350	36	36	
24,8	25,2	30,0	1	280	535	280	25	33	1	161	468	161	0	76
			2	460	460	100	100		2	363	363	32	32	
29,3	29,7	30,0	1	284	558	284	11	34	1	157	495	157	0	82
			2	478	478	91	91		2	377	377	27	27	
33,8	34,2	30,0	1	283	589	283	0	36	1	151	525	151	0	89
			2	497	497	81	81		2	392	392	21	21	
38,3	38,7	30,0	1	269	636	269	0	37	1	144	557	144	0	95
			2	519	519	69	69		2	425	425	102	102	
42,8	43,2	40,0	1	302	689	302	0	39	1	185	593	185	0	102
			2	567	567	80	80		2	496	496	90	90	
47,3	47,7	55,0	1	357	747	357	0	40	1	319	702	319	0	109
			2	629	629	101	101		2	583	583	87	87	
51,8	52,2	65,0	1	400	797	400	2	43	1	324	832	324	0	117
			2	681	681	119	119		2	664	664	76	76	
56,3	56,7	87,5	1	463	891	463	35	45	1	376	981	376	0	125
			2	766	766	161	161		2	780	780	86	86	
60,8	61,2	112,5	1	533	994	533	71	47	1	433	1145	433	0	133
			2	859	859	206	206		2	907	907	98	98	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.2.5 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





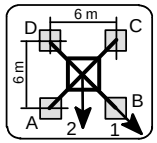
KR 10 - 60 **Corner distance 6 m x 6 m** **Jib length 50 m**

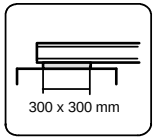
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
6,8	7,2	32,5	1	269	475	269	62	27	1	160	426	160	0	46
			2	415	415	123	123		2	337	337	36	36	
11,3	11,7	32,5	1	273	492	273	54	28	1	160	444	160	0	49
			2	428	428	118	118		2	348	348	34	34	
15,8	16,2	32,5	1	278	511	278	45	30	1	159	464	159	0	54
			2	443	443	113	113		2	360	360	31	31	
20,3	20,7	32,5	1	282	531	282	34	32	1	157	486	157	0	70
			2	458	458	106	106		2	372	372	28	28	
24,8	25,2	32,5	1	287	553	287	21	33	1	154	511	154	0	77
			2	475	475	99	99		2	385	385	24	24	
29,3	29,7	32,5	1	291	577	291	6	35	1	149	539	149	0	83
			2	493	493	90	90		2	400	400	19	19	
33,8	34,2	32,5	1	285	614	285	0	36	1	143	569	143	0	90
			2	513	513	79	79		2	415	415	13	13	
38,3	38,7	37,5	1	295	662	295	0	38	1	160	602	160	0	96
			2	547	547	79	79		2	465	465	101	101	
42,8	43,2	40,0	1	290	715	290	0	39	1	164	639	164	0	103
			2	577	577	71	71		2	517	517	70	70	
47,3	47,7	55,0	1	345	774	345	0	41	1	290	763	290	0	109
			2	640	640	92	92		2	606	606	66	66	
51,8	52,2	75,0	1	425	837	425	14	43	1	344	894	344	0	118
			2	716	716	135	135		2	712	712	79	79	
56,3	56,7	97,5	1	489	931	489	46	45	1	395	1046	395	0	126
			2	802	802	176	176		2	829	829	89	89	
60,8	61,2	122,5	1	558	1035	558	82	47	1	451	1212	451	0	134
			2	896	896	221	221		2	957	957	100	100	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.2.6 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



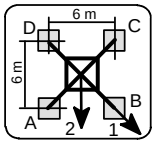


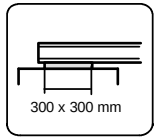
KR 10 - 60 **Corner distance 6 m x 6 m** **Jib length 55 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm corner loads				horizontal force	jib position	crane out of service torque moment: 0 kNm corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	40,0	1	297	508	297	85	27	1	145	541	145	0	47
			2	446	446	147	147		2	399	399	16	16	
11,3	11,7	40,0	1	301	526	301	77	29	1	145	559	145	0	50
			2	460	460	143	143		2	410	410	15	15	
15,8	16,2	42,5	1	312	551	312	73	30	1	156	580	156	0	54
			2	481	481	143	143		2	428	428	18	18	
20,3	20,7	42,5	1	317	571	317	62	32	1	154	603	154	0	71
			2	496	496	137	137		2	441	441	14	14	
24,8	25,2	45,0	1	327	600	327	55	33	1	162	629	162	0	77
			2	520	520	135	135		2	461	461	16	16	
29,3	29,7	47,5	1	338	630	338	46	35	1	169	658	169	0	84
			2	545	545	132	132		2	482	482	17	17	
33,8	34,2	50,0	1	349	663	349	35	36	1	175	690	175	0	91
			2	571	571	127	127		2	504	504	16	16	
38,3	38,7	55,0	1	366	705	366	27	38	1	191	725	191	0	97
			2	605	605	127	127		2	541	541	131	131	
42,8	43,2	60,0	1	383	749	383	17	39	1	206	764	206	0	104
			2	642	642	124	124		2	601	601	105	105	
47,3	47,7	62,5	1	391	794	391	0	41	1	310	835	310	0	110
			2	674	674	113	113		2	659	659	68	68	
51,8	52,2	82,5	1	453	875	453	32	43	1	362	969	362	0	119
			2	751	751	155	155		2	766	766	81	81	
56,3	56,7	105,0	1	517	970	517	63	45	1	411	1125	411	0	127
			2	837	837	196	196		2	884	884	89	89	
60,8	61,2	132,5	1	593	1082	593	103	47	1	477	1295	477	0	135
			2	938	938	247	247		2	1021	1021	105	105	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.2.7 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



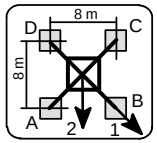


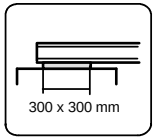
KR 10 - 60 **Corner distance 6 m x 6 m** **Jib length 60 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm corner loads				horizontal force	jib position	crane out of service torque moment: 0 kNm corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
6,8	7,2	42,5	1	303	503	303	102	27	1	147	561	147	0	47
			2	445	445	161	161		2	412	412	15	15	
11,3	11,7	42,5	1	307	521	307	94	29	1	147	580	147	0	50
			2	458	458	157	157		2	423	423	14	14	
15,8	16,2	45,0	1	318	546	318	91	30	1	158	601	158	0	55
			2	479	479	157	157		2	442	442	17	17	
20,3	20,7	47,5	1	329	572	329	86	32	1	168	624	168	0	71
			2	501	501	157	157		2	461	461	19	19	
24,8	25,2	47,5	1	334	595	334	73	33	1	164	650	164	0	78
			2	518	518	149	149		2	475	475	15	15	
29,3	29,7	52,5	1	351	631	351	70	35	1	184	680	184	0	85
			2	549	549	152	152		2	502	502	21	21	
33,8	34,2	55,0	1	361	664	361	59	36	1	189	712	189	0	91
			2	575	575	148	148		2	524	524	21	21	
38,3	38,7	57,5	1	372	699	372	46	38	1	193	748	193	0	98
			2	603	603	141	141		2	562	562	122	122	
42,8	43,2	62,5	1	389	743	389	35	39	1	207	787	207	0	104
			2	640	640	139	139		2	623	623	96	96	
47,3	47,7	70,0	1	413	797	413	28	41	1	324	883	324	0	111
			2	684	684	141	141		2	695	695	71	71	
51,8	52,2	90,0	1	472	881	472	63	43	1	376	1017	376	0	120
			2	761	761	183	183		2	802	802	83	83	
56,3	56,7	112,5	1	536	976	536	95	45	1	424	1175	424	0	128
			2	847	847	224	224		2	921	921	90	90	
60,8	61,2	140,0	1	611	1087	611	135	47	1	489	1347	489	0	136
			2	948	948	275	275		2	1058	1058	105	105	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.3.1 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





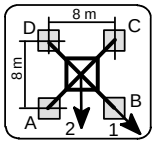
KR 1000 - 8 **Corner distance 8 m x 8 m** **Jib length 30 m**

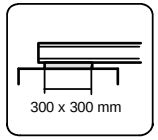
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
11,3	11,7	5,0	1	200	366	200	33	29	1	100	255	100	0	50
			2	317	317	82	82		2	204	204	24	24	
15,8	16,2	5,0	1	207	383	207	30	31	1	109	267	109	0	56
			2	331	331	82	82		2	215	215	27	27	
20,3	20,7	5,0	1	211	398	211	24	33	1	112	279	112	0	71
			2	343	343	79	79		2	224	224	27	27	
24,8	25,2	5,0	1	216	414	216	17	34	1	114	292	114	0	78
			2	356	356	75	75		2	233	233	27	27	
29,3	29,7	5,0	1	220	431	220	9	36	1	116	307	116	0	85
			2	369	369	71	71		2	243	243	26	26	
33,8	34,2	5,0	1	225	450	225	0	38	1	117	323	117	0	91
			2	384	384	66	66		2	271	271	118	118	
38,3	38,7	5,0	1	218	481	218	0	39	1	199	344	199	55	98
			2	399	399	59	59		2	302	302	97	97	
42,8	43,2	12,5	1	248	514	248	0	41	1	223	407	223	38	104
			2	435	435	71	71		2	353	353	92	92	
47,3	47,7	20,0	1	276	552	276	0	42	1	246	474	246	18	111
			2	471	471	81	81		2	407	407	85	85	
51,8	52,2	30,0	1	306	602	306	9	44	1	275	551	275	0	118
			2	515	515	96	96		2	470	470	81	81	
56,3	56,7	42,5	1	341	660	341	23	45	1	295	655	295	0	124
			2	567	567	116	116		2	543	543	80	80	
60,8	61,2	52,5	1	373	715	373	32	47	1	303	768	303	0	132
			2	615	615	132	132		2	615	615	72	72	
65,3	65,7	70,0	1	424	791	424	58	49	1	342	894	342	0	141
			2	683	683	165	165		2	710	710	78	78	
69,8	70,2	92,5	1	490	883	490	97	52	1	400	1039	400	0	151
			2	768	768	212	212		2	828	828	93	93	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.3.2 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





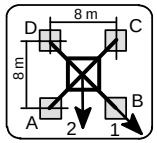
KR 1000 - 8 **Corner distance 8 m x 8 m** **Jib length 35 m**

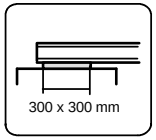
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
11,3	11,7	0,0	1	196	352	196	41	29	1	75	255	75	0	50
			2	306	306	86	86		2	195	195	137	137	
15,8	16,2	0,0	1	203	369	203	38	32	1	83	267	83	0	57
			2	321	321	86	86		2	203	203	14	14	
20,3	20,7	0,0	1	208	384	208	32	33	1	86	279	86	0	72
			2	333	333	83	83		2	212	212	66	66	
24,8	25,2	0,0	1	212	400	212	25	35	1	89	293	89	0	79
			2	345	345	80	80		2	223	223	65	65	
29,3	29,7	0,0	1	217	418	217	16	36	1	90	308	90	0	86
			2	359	359	75	75		2	242	242	132	132	
33,8	34,2	0,0	1	222	436	222	7	38	1	91	325	91	0	92
			2	373	373	70	70		2	271	271	112	112	
38,3	38,7	2,5	1	232	463	232	2	39	1	202	352	202	53	99
			2	395	395	70	70		2	308	308	96	96	
42,8	43,2	10,0	1	256	503	256	8	41	1	226	416	226	35	105
			2	430	430	81	81		2	360	360	91	91	
47,3	47,7	17,5	1	279	545	279	13	42	1	249	483	249	14	112
			2	467	467	91	91		2	415	415	83	83	
51,8	52,2	27,5	1	308	595	308	22	44	1	274	565	274	0	118
			2	511	511	106	106		2	478	478	79	79	
56,3	56,7	40,0	1	344	654	344	35	45	1	293	670	293	0	125
			2	563	563	126	126		2	551	551	77	77	
60,8	61,2	52,5	1	383	715	383	50	47	1	312	786	312	0	133
			2	618	618	148	148		2	630	630	75	75	
65,3	65,7	70,0	1	433	791	433	76	49	1	350	914	350	0	142
			2	686	686	180	180		2	727	727	80	80	
69,8	70,2	92,5	1	499	884	499	115	52	1	408	1062	408	0	152
			2	771	771	227	227		2	845	845	94	94	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.3.3 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





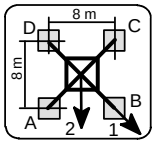
KR 1000 - 8 **Corner distance 8 m x 8 m** **Jib length 40 m**

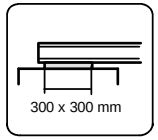
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
11,3	11,7	0,0	1	205	354	205	56	30	1	75	256	75	0	51
			2	310	310	99	99		2	210	210	49	49	
15,8	16,2	0,0	1	212	371	212	52	32	1	83	268	83	0	57
			2	325	325	99	99		2	222	222	50	50	
20,3	20,7	0,0	1	216	386	216	46	33	1	86	280	86	0	73
			2	337	337	96	96		2	232	232	50	50	
24,8	25,2	0,0	1	221	403	221	39	35	1	88	294	88	0	80
			2	349	349	92	92		2	243	243	48	48	
29,3	29,7	0,0	1	225	420	225	31	36	1	90	309	90	0	86
			2	363	363	88	88		2	254	254	46	46	
33,8	34,2	0,0	1	230	439	230	21	38	1	90	326	90	0	93
			2	378	378	82	82		2	283	283	118	118	
38,3	38,7	0,0	1	235	459	235	10	39	1	205	359	205	50	99
			2	393	393	76	76		2	314	314	96	96	
42,8	43,2	7,5	1	258	499	258	16	41	1	228	423	228	33	106
			2	429	429	87	87		2	366	366	90	90	
47,3	47,7	15,0	1	281	542	281	21	42	1	251	491	251	11	113
			2	465	465	97	97		2	421	421	81	81	
51,8	52,2	25,0	1	311	592	311	29	44	1	273	578	273	0	119
			2	510	510	112	112		2	485	485	76	76	
56,3	56,7	37,5	1	347	651	347	42	45	1	291	684	291	0	126
			2	562	562	131	131		2	559	559	75	75	
60,8	61,2	50,0	1	385	713	385	57	47	1	309	801	309	0	134
			2	617	617	153	153		2	638	638	71	71	
65,3	65,7	70,0	1	442	796	442	88	49	1	358	932	358	0	142
			2	692	692	192	192		2	741	741	83	83	
69,8	70,2	92,5	1	508	889	508	127	52	1	415	1082	415	0	153
			2	777	777	239	239		2	860	860	95	95	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.3.4 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





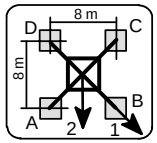
KR 1000 - 8 **Corner distance 8 m x 8 m** **Jib length 45 m**

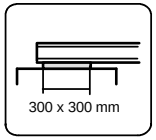
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
11,3	11,7	0,0	1	214	370	214	57	30	1	112	303	112	0	51
			2	325	325	103	103		2	239	239	25	25	
15,8	16,2	0,0	1	221	388	221	54	32	1	119	318	119	0	58
			2	339	339	103	103		2	251	251	26	26	
20,3	20,7	0,0	1	226	403	226	48	33	1	120	334	120	0	74
			2	351	351	100	100		2	261	261	25	25	
24,8	25,2	0,0	1	230	420	230	41	35	1	120	351	120	0	80
			2	364	364	96	96		2	272	272	24	24	
29,3	29,7	0,0	1	235	437	235	32	36	1	120	370	120	0	87
			2	378	378	91	91		2	283	283	22	22	
33,8	34,2	0,0	1	239	456	239	22	38	1	118	391	118	0	94
			2	393	393	86	86		2	304	304	115	115	
38,3	38,7	0,0	1	244	477	244	11	40	1	116	414	116	0	100
			2	409	409	79	79		2	335	335	92	92	
42,8	43,2	2,5	1	255	505	255	4	41	1	125	439	125	0	107
			2	432	432	77	77		2	376	376	74	74	
47,3	47,7	10,0	1	278	548	278	8	43	1	236	519	236	0	113
			2	469	469	87	87		2	431	431	65	65	
51,8	52,2	20,0	1	307	599	307	16	44	1	246	619	246	0	120
			2	514	514	101	101		2	496	496	59	59	
56,3	56,7	37,5	1	356	672	356	40	46	1	287	728	287	0	127
			2	579	579	132	132		2	583	583	68	68	
60,8	61,2	55,0	1	407	747	407	66	48	1	329	848	329	0	135
			2	647	647	166	166		2	676	676	77	77	
65,3	65,7	75,0	1	464	831	464	97	49	1	377	981	377	0	143
			2	723	723	204	204		2	780	780	87	87	
69,8	70,2	95,0	1	523	918	523	128	52	1	419	1134	419	0	154
			2	802	802	244	244		2	894	894	92	92	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.3.5 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





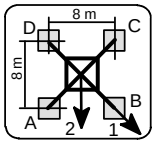
KR 1000 - 8 **Corner distance 8 m x 8 m** **Jib length 50 m**

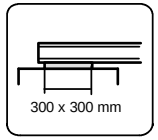
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
11,3	11,7	0,0	1	215	379	215	50	30	1	98	334	98	0	52
			2	331	331	98	98		2	250	250	14	14	
15,8	16,2	0,0	1	222	397	222	47	32	1	104	349	104	0	58
			2	346	346	98	98		2	263	263	16	16	
20,3	20,7	0,0	1	226	412	226	40	34	1	105	365	105	0	75
			2	358	358	95	95		2	273	273	15	15	
24,8	25,2	0,0	1	231	429	231	33	35	1	106	383	106	0	81
			2	371	371	91	91		2	284	284	13	13	
29,3	29,7	0,0	1	235	447	235	24	37	1	105	403	105	0	88
			2	385	385	86	86		2	295	295	11	11	
33,8	34,2	0,0	1	240	466	240	14	38	1	103	424	103	0	94
			2	400	400	80	80		2	318	318	101	101	
38,3	38,7	2,5	1	251	493	251	9	40	1	113	448	113	0	101
			2	422	422	79	79		2	357	357	85	85	
42,8	43,2	5,0	1	262	522	262	1	41	1	122	473	122	0	108
			2	445	445	78	78		2	398	398	65	65	
47,3	47,7	10,0	1	277	560	277	0	43	1	216	563	216	0	114
			2	477	477	81	81		2	448	448	50	50	
51,8	52,2	25,0	1	321	623	321	19	44	1	249	664	249	0	121
			2	534	534	107	107		2	526	526	56	56	
56,3	56,7	42,5	1	369	696	369	42	46	1	290	776	290	0	127
			2	600	600	138	138		2	613	613	65	65	
60,8	61,2	60,0	1	420	771	420	68	48	1	331	897	331	0	135
			2	668	668	171	171		2	707	707	73	73	
65,3	65,7	82,5	1	483	862	483	105	50	1	390	1032	390	0	144
			2	751	751	215	215		2	818	818	88	88	
69,8	70,2	105,0	1	549	956	549	142	52	1	444	1187	444	0	154
			2	836	836	261	261		2	939	939	99	99	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.3.6 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





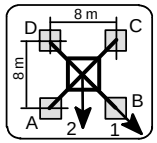
KR 1000 - 8 **Corner distance 8 m x 8 m** **Jib length 55 m**

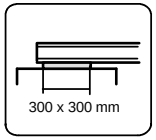
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
11,3	11,7	10,0	1	249	417	249	80	30	1	110	420	110	0	53
			2	368	368	130	130		2	308	308	11	11	
15,8	16,2	10,0	1	256	435	256	77	32	1	116	436	116	0	59
			2	383	383	129	129		2	321	321	13	13	
20,3	20,7	10,0	1	260	451	260	70	34	1	117	452	117	0	76
			2	395	395	126	126		2	331	331	12	12	
24,8	25,2	10,0	1	265	467	265	63	35	1	117	470	117	0	82
			2	408	408	122	122		2	342	342	10	10	
29,3	29,7	12,5	1	276	492	276	60	37	1	128	491	128	0	89
			2	428	428	123	123		2	360	360	13	13	
33,8	34,2	12,5	1	280	511	280	49	38	1	126	513	126	0	95
			2	444	444	117	117		2	375	375	126	126	
38,3	38,7	15,0	1	291	539	291	44	40	1	135	538	135	0	102
			2	466	466	116	116		2	414	414	109	109	
42,8	43,2	17,5	1	302	568	302	36	41	1	144	565	144	0	109
			2	490	490	114	114		2	455	455	89	89	
47,3	47,7	20,0	1	313	599	313	26	43	1	258	614	258	0	115
			2	515	515	110	110		2	500	500	66	66	
51,8	52,2	30,0	1	342	651	342	33	44	1	265	719	265	0	122
			2	561	561	124	124		2	566	566	58	58	
56,3	56,7	47,5	1	391	725	391	56	46	1	304	834	304	0	128
			2	627	627	154	154		2	655	655	66	66	
60,8	61,2	67,5	1	448	808	448	88	48	1	356	958	356	0	136
			2	702	702	193	193		2	756	756	79	79	
65,3	65,7	87,5	1	505	893	505	117	50	1	401	1097	401	0	145
			2	779	779	230	230		2	863	863	87	87	
69,8	70,2	110,0	1	571	988	571	153	52	1	453	1256	453	0	155
			2	866	866	276	276		2	985	985	97	97	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.3.7 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



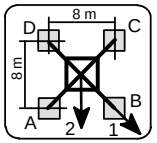


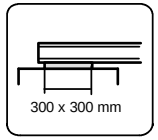
KR 1000 - 8 **Corner distance 8 m x 8 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
11,3	11,7	12,5	1	255	415	255	95	30	1	114	436	114	0	53
			2	368	368	142	142		2	320	320	12	12	
15,8	16,2	12,5	1	262	433	262	92	32	1	121	451	121	0	60
			2	383	383	142	142		2	333	333	14	14	
20,3	20,7	12,5	1	267	448	267	85	34	1	121	468	121	0	76
			2	395	395	138	138		2	343	343	12	12	
24,8	25,2	12,5	1	271	465	271	77	35	1	121	486	121	0	83
			2	408	408	134	134		2	354	354	10	10	
29,3	29,7	15,0	1	282	490	282	75	37	1	133	507	133	0	89
			2	429	429	135	135		2	372	372	14	14	
33,8	34,2	15,0	1	287	509	287	64	39	1	131	530	131	0	96
			2	444	444	129	129		2	392	392	121	121	
38,3	38,7	17,5	1	297	536	297	59	40	1	140	555	140	0	103
			2	466	466	129	129		2	431	431	104	104	
42,8	43,2	20,0	1	308	565	308	51	42	1	148	582	148	0	109
			2	490	490	126	126		2	473	473	83	83	
47,3	47,7	22,5	1	319	596	319	42	43	1	254	648	254	0	116
			2	515	515	123	123		2	518	518	60	60	
51,8	52,2	35,0	1	355	655	355	55	45	1	273	754	273	0	122
			2	567	567	143	143		2	591	591	58	58	
56,3	56,7	52,5	1	403	728	403	78	46	1	311	870	311	0	129
			2	633	633	173	173		2	681	681	65	65	
60,8	61,2	72,5	1	460	811	460	110	48	1	362	996	362	0	137
			2	708	708	213	213		2	782	782	78	78	
65,3	65,7	92,5	1	517	895	517	139	50	1	406	1137	406	0	146
			2	785	785	250	250		2	889	889	85	85	
69,8	70,2	117,5	1	589	996	589	182	52	1	470	1297	470	0	156
			2	877	877	302	302		2	1018	1018	101	101	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.4.1 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



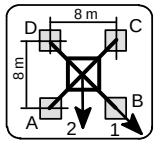


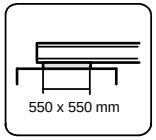
KR 16 - 80 **Corner distance 8 m x 8 m** **Jib length 35 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	110	1	553	974	553	133	57	1	450	1194	450	0	169
			2	850	850	256	256		2	945	945	101	101	
77,1	77,5	115	1	579	1006	579	152	58	1	475	1247	475	0	171
			2	881	881	277	277		2	990	990	108	108	
81,6	82,0	140	1	650	1105	650	195	60	1	537	1406	537	0	181
			2	971	971	328	328		2	1117	1117	122	122	
86,1	86,5	165	1	724	1207	724	241	63	1	600	1576	600	0	191
			2	1065	1065	382	382		2	1251	1251	136	136	
90,6	91,0	190	1	798	1311	798	284	66	1	654	1764	654	0	204
			2	1161	1161	435	435		2	1392	1392	144	144	
95,1	95,5	220	1	884	1430	885	338	68	1	729	1961	729	0	215
			2	1271	1271	498	498		2	1548	1548	161	161	
99,6	100,0	275	1	1033	1614	1034	453	71	1	848	2318	849	0	233
			2	1444	1444	623	623		2	1823	1823	184	184	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.4.2 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



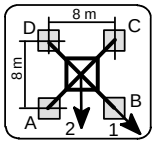


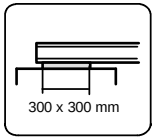
KR 16 - 80 **Corner distance 8 m x 8 m** **Jib length 35 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	110	1	562	974	563	151	57	1	456	1217	457	0	170
			2	854	854	271	271		2	963	963	102	102	
77,1	77,5	115	1	588	1007	589	170	58	1	482	1270	482	0	172
			2	884	884	293	293		2	1008	1008	109	109	
81,6	82,0	140	1	659	1106	659	212	61	1	542	1432	542	0	182
			2	975	975	343	343		2	1135	1135	123	123	
86,1	86,5	165	1	733	1208	733	258	63	1	604	1604	604	0	192
			2	1069	1069	397	397		2	1270	1270	136	136	
90,6	91,0	190	1	807	1313	807	301	66	1	657	1794	657	0	205
			2	1165	1165	449	449		2	1412	1412	143	143	
95,1	95,5	220	1	894	1433	894	355	68	1	730	1994	731	0	216
			2	1275	1275	513	513		2	1569	1569	158	158	
99,6	100,0	280	1	1055	1629	1055	481	71	1	871	2359	871	0	234
			2	1461	1461	649	649		2	1860	1860	191	191	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.4.3 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



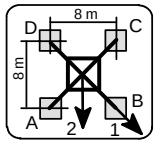


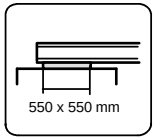
KR 16 - 80 **Corner distance 8 m x 8 m** **Jib length 40 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	110	1	571	979	571	163	57	1	463	1238	463	0	171
			2	860	860	282	282		2	979	979	103	103	
77,1	77,5	115	1	597	1011	597	183	58	1	489	1290	489	0	172
			2	890	890	304	304		2	1023	1023	111	111	
81,6	82,0	140	1	667	1111	668	224	61	1	548	1454	548	0	182
			2	981	981	354	354		2	1152	1152	123	123	
86,1	86,5	165	1	741	1214	742	269	63	1	609	1628	609	0	193
			2	1075	1075	408	408		2	1287	1287	136	136	
90,6	91,0	195	1	828	1331	828	325	66	1	686	1820	686	0	205
			2	1184	1184	472	472		2	1442	1442	154	154	
95,1	95,5	225	1	915	1451	915	378	68	1	758	2023	758	0	216
			2	1294	1294	535	535		2	1600	1600	169	169	
99,6	100,0	280	1	1064	1636	1064	491	71	1	870	2395	870	0	235
			2	1468	1468	659	659		2	1881	1881	187	187	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.4.4 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





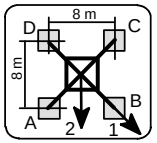
KR 16 - 80 **Corner distance 8 m x 8 m** **Jib length 45 m**

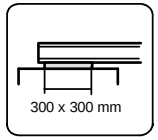
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	115	1	593	1016	593	170	57	1	480	1291	480	0	171
			2	892	892	294	294		2	1019	1019	106	106	
77,1	77,5	120	1	619	1047	619	190	59	1	506	1343	506	0	173
			2	922	922	315	315		2	1064	1064	114	114	
81,6	82,0	145	1	689	1148	689	230	61	1	564	1510	564	0	183
			2	1013	1013	365	365		2	1193	1193	125	125	
86,1	86,5	170	1	763	1252	763	275	63	1	623	1686	624	0	194
			2	1109	1109	418	418		2	1330	1330	137	137	
90,6	91,0	200	1	850	1370	850	330	66	1	699	1882	699	0	206
			2	1218	1218	482	482		2	1485	1485	154	154	
95,1	95,5	230	1	936	1491	936	382	69	1	769	2088	769	0	217
			2	1328	1328	544	544		2	1645	1645	168	168	
99,6	100,0	290	1	1098	1689	1098	507	71	1	902	2469	902	0	236
			2	1516	1516	680	680		2	1941	1941	195	195	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.4.5 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





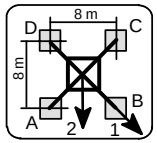
KR 16 - 80 **Corner distance 8 m x 8 m** **Jib length 50 m**

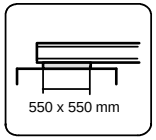
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	125	1	618	1054	618	183	57	1	504	1345	505	0	172
			2	926	926	311	311		2	1064	1064	113	113	
77,1	77,5	125	1	632	1073	632	191	59	1	506	1396	506	0	174
			2	944	944	320	320		2	1096	1096	108	108	
81,6	82,0	155	1	715	1186	715	244	61	1	587	1565	588	0	184
			2	1048	1048	382	382		2	1238	1238	131	131	
86,1	86,5	180	1	789	1290	789	288	64	1	646	1743	647	0	195
			2	1143	1143	434	434		2	1375	1375	143	143	
90,6	91,0	205	1	863	1397	863	329	66	1	696	1940	696	0	207
			2	1240	1240	486	486		2	1519	1519	147	147	
95,1	95,5	240	1	962	1530	962	394	69	1	790	2148	791	0	218
			2	1364	1364	560	560		2	1692	1692	173	173	
99,6	100,0	300	1	1124	1729	1124	518	71	1	920	2534	921	0	237
			2	1552	1552	695	695		2	1990	1990	198	198	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.4.6 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





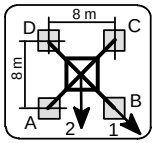
KR 16 - 80 **Corner distance 8 m x 8 m** **Jib length 55 m**

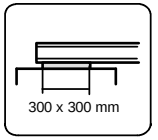
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	130	1	640	1086	640	194	58	1	513	1414	513	0	173
			2	956	956	324	324		2	1110	1110	110	110	
77,1	77,5	135	1	666	1118	666	214	59	1	540	1464	540	0	175
			2	985	985	347	347		2	1154	1154	118	118	
81,6	82,0	160	1	736	1219	737	254	61	1	595	1636	595	0	185
			2	1078	1078	395	395		2	1285	1285	128	128	
86,1	86,5	185	1	811	1324	811	297	64	1	652	1818	653	0	196
			2	1174	1174	448	448		2	1423	1423	138	138	
90,6	91,0	215	1	897	1444	897	351	66	1	725	2019	726	0	208
			2	1284	1284	511	511		2	1581	1581	153	153	
95,1	95,5	245	1	984	1566	984	402	69	1	793	2230	793	0	219
			2	1395	1395	572	572		2	1742	1742	165	165	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.4.7 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





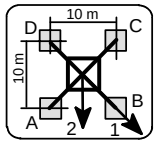
KR 16 - 80 **Corner distance 8 m x 8 m** **Jib length 60 m**

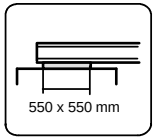
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	135	1	653	1088	653	217	58	1	518	1456	518	0	174
			2	961	961	344	344		2	1137	1137	108	108	
77,1	77,5	140	1	679	1120	679	237	59	1	544	1506	545	0	176
			2	991	991	367	367		2	1181	1181	116	116	
81,6	82,0	165	1	749	1221	749	277	62	1	599	1679	599	0	185
			2	1083	1083	415	415		2	1313	1313	125	125	
86,1	86,5	195	1	836	1338	836	333	64	1	681	1862	681	0	196
			2	1191	1191	480	480		2	1464	1464	147	147	
90,6	91,0	220	1	910	1445	910	374	67	1	728	2064	728	0	208
			2	1289	1289	531	531		2	1609	1609	150	150	
95,1	95,5	255	1	1009	1580	1009	438	69	1	819	2276	820	0	220
			2	1413	1413	605	605		2	1784	1784	174	174	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.5.1 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



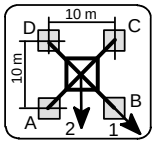


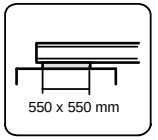
KR 16 - 100 **Corner distance 10 m x 10 m** **Jib length 30 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	70	1	458	795	458	122	57	1	379	955	379	0	169
			2	696	696	221	221		2	766	766	91	91	
77,1	77,5	70	1	472	813	472	130	58	1	385	997	385	0	171
			2	713	713	230	230		2	795	795	89	89	
81,6	82,0	90	1	530	894	530	166	60	1	437	1125	437	0	181
			2	787	787	272	272		2	898	898	102	102	
86,1	86,5	105	1	579	965	579	192	63	1	467	1261	468	0	191
			2	852	852	305	305		2	995	995	103	103	
90,6	91,0	125	1	640	1051	640	230	66	1	516	1411	516	0	204
			2	931	931	350	350		2	1109	1109	111	111	
95,1	95,5	150	1	714	1151	715	278	68	1	585	1568	585	0	215
			2	1023	1023	406	406		2	1239	1239	130	130	
99,6	100,0	195	1	839	1303	839	374	71	1	690	1854	690	0	233
			2	1167	1167	510	510		2	1464	1464	153	153	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.5.2 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



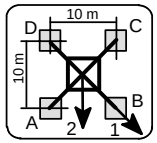


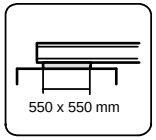
KR 16 - 100 **Corner distance 10 m x 10 m** **Jib length 35 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	65	1	455	784	455	125	57	1	363	974	363	0	170
			2	688	688	222	222		2	769	769	81	81	
77,1	77,5	70	1	481	815	481	146	58	1	394	1016	394	0	172
			2	717	717	244	244		2	810	810	92	92	
81,6	82,0	90	1	539	896	539	182	61	1	445	1145	446	0	182
			2	792	792	286	286		2	914	914	104	104	
86,1	86,5	105	1	588	968	588	208	63	1	475	1283	475	0	192
			2	857	857	319	319		2	1012	1012	104	104	
90,6	91,0	130	1	662	1067	662	257	66	1	547	1435	547	0	205
			2	948	948	376	376		2	1140	1140	124	124	
95,1	95,5	150	1	724	1155	724	293	68	1	590	1595	590	0	216
			2	1028	1028	419	419		2	1258	1258	130	130	
99,6	100,0	195	1	848	1307	848	388	71	1	692	1887	692	0	234
			2	1172	1172	523	523		2	1485	1485	150	150	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.2.5.3 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





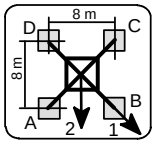
KR 16 - 100 **Corner distance 10 m x 10 m** **Jib length 40 m**

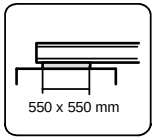
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads **A** [kN]	**B** [kN]	**C** [kN]	**D** [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads **A** [kN]	**B** [kN]	**C** [kN]	**D** [kN]	horizontal force [kN]
74,9	75,3	65	1	463	790	464	137	57	1	372	990	372	0	171
			2	694	694	233	233		2	784	784	83	83	
77,1	77,5	70	1	489	821	489	158	58	1	403	1032	403	0	172
			2	724	724	255	255		2	824	824	94	94	
81,6	82,0	85	1	535	889	535	180	61	1	429	1163	429	0	182
			2	786	786	284	284		2	916	916	94	94	
86,1	86,5	105	1	596	974	597	219	63	1	482	1302	482	0	193
			2	864	864	329	329		2	1027	1027	106	106	
90,6	91,0	130	1	671	1073	671	268	66	1	553	1456	553	0	205
			2	955	955	386	386		2	1156	1156	126	126	
95,1	95,5	150	1	732	1161	732	303	68	1	595	1618	596	0	216
			2	1036	1036	429	429		2	1274	1274	130	130	
99,6	100,0	195	1	856	1314	856	398	71	1	695	1916	695	0	235
			2	1180	1180	533	533		2	1504	1504	149	149	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.5.4 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive





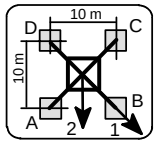
KR 16 - 100 **Corner distance 10 m x 10 m** **Jib length 35 m**

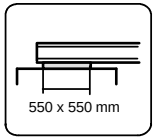
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads **A** [kN]	**B** [kN]	**C** [kN]	**D** [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads **A** [kN]	**B** [kN]	**C** [kN]	**D** [kN]	horizontal force [kN]
74,9	75,3	70	1	485	824	485	147	57	1	394	1033	394	0	171
			2	724	724	246	246		2	820	820	90	90	
77,1	77,5	70	1	499	842	499	156	59	1	400	1074	401	0	173
			2	741	741	256	256		2	849	849	89	89	
81,6	82,0	90	1	557	924	557	190	61	1	450	1207	450	0	183
			2	816	816	297	297		2	954	954	100	100	
86,1	86,5	110	1	618	1009	618	228	63	1	502	1349	502	0	194
			2	894	894	342	342		2	1065	1065	111	111	
90,6	91,0	130	1	680	1096	680	264	66	1	547	1505	547	0	206
			2	974	974	386	386		2	1182	1182	117	117	
95,1	95,5	155	1	754	1198	754	310	69	1	613	1670	613	0	217
			2	1068	1068	440	440		2	1314	1314	133	133	
99,6	100,0	200	1	878	1351	878	405	71	1	709	1975	709	0	236
			2	1212	1212	543	543		2	1546	1546	150	150	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.2.5.5 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



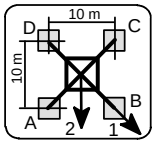


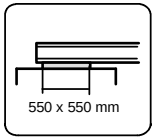
KR 16 - 100 **Corner distance 10 m x 10 m** **Jib length 50 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	75	1	498	847	498	150	57	1	399	1076	399	0	172
			2	745	745	252	252		2	849	849	88	88	
77,1	77,5	75	1	512	865	512	159	59	1	405	1117	406	0	174
			2	761	761	262	262		2	877	877	87	87	
81,6	82,0	95	1	570	947	570	193	61	1	454	1252	454	0	184
			2	836	836	303	303		2	983	983	97	97	
86,1	86,5	115	1	631	1032	631	230	64	1	506	1394	506	0	195
			2	915	915	348	348		2	1095	1095	108	108	
90,6	91,0	140	1	705	1132	706	279	66	1	575	1552	575	0	207
			2	1007	1007	404	404		2	1224	1224	127	127	
95,1	95,5	160	1	767	1222	767	312	69	1	615	1718	615	0	218
			2	1089	1089	446	446		2	1345	1345	129	129	
99,6	100,0	210	1	904	1388	904	419	71	1	734	2027	734	0	237
			2	1246	1246	561	561		2	1590	1590	157	157	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.2.5.6 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



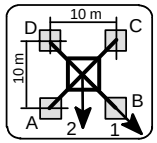


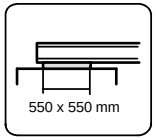
KR 16 - 100 **Corner distance 10 m x 10 m** **Jib length 55 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	80	1	520	877	520	163	58	1	415	1131	415	0	173
			2	773	773	268	268		2	890	890	90	90	
77,1	77,5	80	1	534	895	534	172	59	1	422	1171	422	0	175
			2	789	789	278	278		2	918	918	89	89	
81,6	82,0	100	1	592	978	592	205	61	1	469	1309	469	0	185
			2	865	865	319	319		2	1025	1025	99	99	
86,1	86,5	120	1	653	1064	653	242	64	1	519	1454	519	0	196
			2	944	944	363	363		2	1137	1137	109	109	
90,6	91,0	145	1	727	1164	727	290	66	1	587	1615	587	0	208
			2	1036	1036	418	418		2	1268	1268	126	126	
95,1	95,5	170	1	801	1267	801	336	69	1	651	1784	651	0	219
			2	1131	1131	472	472		2	1402	1402	140	140	
99,6	100,0	220	1	938	1434	938	441	72	1	765	2101	766	0	238
			2	1289	1289	587	587		2	1651	1651	165	165	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.2.5.7 **Center ballasts and corner loads to DIN 15019**

for a stationary tower crane on a cross frame
without climbing drive



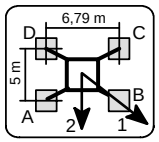


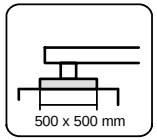
KR 16 - 100 **Corner distance 10 m x 10 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
74,9	75,3	85	1	533	881	533	184	58	1	423	1164	423	0	174
			2	779	779	286	286		2	914	914	91	91	
77,1	77,5	85	1	546	899	546	193	59	1	430	1204	430	0	176
			2	796	796	296	296		2	942	942	90	90	
81,6	82,0	105	1	604	982	604	226	62	1	477	1343	477	0	185
			2	871	871	337	337		2	1049	1049	99	99	
86,1	86,5	125	1	666	1068	666	263	64	1	527	1489	527	0	196
			2	950	950	381	381		2	1162	1162	109	109	
90,6	91,0	150	1	740	1168	740	311	67	1	594	1651	594	0	208
			2	1043	1043	437	437		2	1293	1293	126	126	
95,1	95,5	175	1	814	1271	814	357	69	1	657	1821	657	0	220
			2	1137	1137	491	491		2	1428	1428	140	140	
99,6	100,0	225	1	950	1438	950	463	72	1	770	2141	771	0	239
			2	1295	1295	606	606		2	1677	1677	163	163	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.1.1 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



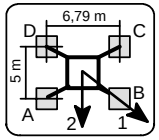


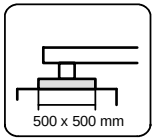
KRE 260.1 **Corner distance 5 m x 6,79 m** **Jib length 30 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	65,0	1	389	550	253	91	29	1	288	412	183	58	49
			2	505	505	136	136		2	378	378	93	93	
14,1	14,5	65,0	1	397	568	253	83	31	1	294	424	185	56	54
			2	521	521	130	130		2	388	388	91	91	
18,6	19,0	65,0	1	406	587	253	72	32	1	301	436	187	52	69
			2	537	537	123	123		2	399	399	89	89	
23,1	23,5	65,0	1	416	608	253	61	34	1	309	450	189	47	74
			2	555	555	114	114		2	411	411	86	86	
27,6	28,0	65,0	1	425	631	252	47	35	1	316	465	190	41	80
			2	574	574	104	104		2	424	424	83	83	
32,1	32,5	65,0	1	436	655	251	32	37	1	324	481	192	35	87
			2	594	594	93	93		2	438	438	78	78	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.1.2 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





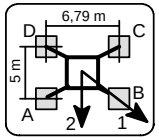
KRE 260.1 **Corner distance 5 m x 6,79 m** **Jib length 35 m**

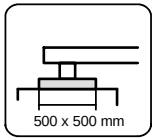
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	57,5	1	375	526	248	97	29	1	269	394	164	39	50
			2	484	484	139	139		2	359	359	74	74	
14,1	14,5	57,5	1	383	543	248	88	31	1	276	405	166	36	55
			2	499	499	132	132		2	369	369	72	72	
18,6	19,0	57,5	1	392	563	248	78	32	1	283	418	168	33	70
			2	516	516	125	125		2	381	381	70	70	
23,1	23,5	57,5	1	402	584	248	66	34	1	290	432	170	28	75
			2	533	533	116	116		2	393	393	67	67	
27,6	28,0	57,5	1	412	607	247	52	35	1	298	447	171	22	81
			2	553	553	106	106		2	406	406	63	63	
32,1	32,5	57,5	1	422	631	246	37	37	1	306	463	172	15	88
			2	573	573	95	95		2	420	420	58	58	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.1.3 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





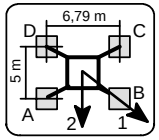
KRE 260.1 **Corner distance 5 m x 6,79 m** **Jib length 40 m**

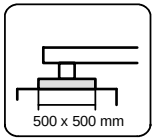
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	50,0	1	362	506	240	96	29	1	272	383	179	68	50
			2	466	466	136	136		2	352	352	99	99	
14,1	14,5	50,0	1	370	524	241	87	31	1	279	397	181	63	55
			2	482	482	129	129		2	364	364	96	96	
18,6	19,0	50,0	1	379	544	241	76	32	1	287	412	182	57	71
			2	498	498	122	122		2	377	377	92	92	
23,1	23,5	50,0	1	389	565	240	64	34	1	295	428	183	50	76
			2	516	516	113	113		2	391	391	87	87	
27,6	28,0	50,0	1	399	588	239	50	35	1	303	445	184	42	82
			2	535	535	103	103		2	406	406	81	81	
32,1	32,5	50,0	1	409	613	238	35	37	1	312	464	184	32	89
			2	556	556	91	91		2	422	422	74	74	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.1.4 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



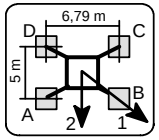


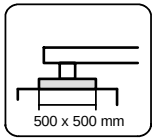
KRE 260.1 **Corner distance 5 m x 6,79 m** **Jib length 45 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	50,0	1	374	526	246	95	30	1	290	438	166	18	51
			2	484	484	137	137		2	397	397	59	59	
14,1	14,5	50,0	1	383	544	247	85	31	1	298	452	167	13	56
			2	499	499	130	130		2	409	409	56	56	
18,6	19,0	50,0	1	392	564	247	75	33	1	305	467	169	7	72
			2	516	516	122	122		2	422	422	52	52	
23,1	23,5	50,0	1	401	585	246	62	34	1	313	485	169	0	76
			2	534	534	113	113		2	437	437	46	46	
27,6	28,0	50,0	1	411	608	245	48	36	1	312	512	160	0	83
			2	554	554	103	103		2	452	452	40	40	
32,1	32,5	50,0	1	422	634	244	32	37	1	311	541	150	0	90
			2	575	575	91	91		2	468	468	33	33	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.1.5 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



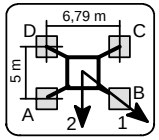


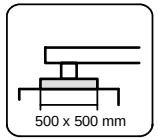
KRE 260.1 **Corner distance 5 m x 6,79 m** **Jib length 50 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	55,0	1	391	550	256	96	30	1	310	473	172	9	51
			2	506	506	141	141		2	428	428	55	55	
14,1	14,5	55,0	1	399	569	256	87	31	1	317	487	174	4	56
			2	522	522	134	134		2	440	440	51	51	
18,6	19,0	55,0	1	408	589	256	76	33	1	323	505	173	0	72
			2	539	539	126	126		2	454	454	47	47	
23,1	23,5	55,0	1	418	610	256	64	34	1	323	530	166	0	77
			2	557	557	117	117		2	468	468	41	41	
27,6	28,0	55,0	1	428	634	255	49	36	1	323	557	157	0	84
			2	577	577	106	106		2	484	484	35	35	
32,1	32,5	55,0	1	439	659	253	33	37	1	321	587	147	0	90
			2	598	598	94	94		2	500	500	27	27	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.1.6 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





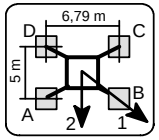
KRE 260.1 **Corner distance 5 m x 6,79 m** **Jib length 55 m**

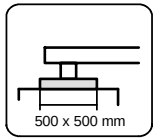
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	60,0	1	414	577	276	113	30	1	307	584	133	0	52
			2	532	532	158	158		2	491	491	21	21	
14,1	14,5	60,0	1	423	596	276	103	31	1	309	604	129	0	57
			2	548	548	151	151		2	504	504	17	17	
18,6	19,0	62,5	1	438	622	283	98	33	1	322	627	136	0	73
			2	571	571	149	149		2	524	524	19	19	
23,1	23,5	65,0	1	454	651	288	92	35	1	335	653	141	0	78
			2	596	596	146	146		2	545	545	19	19	
27,6	28,0	67,5	1	471	681	293	83	36	1	346	681	144	0	85
			2	623	623	141	141		2	567	567	19	19	
32,1	32,5	72,5	1	494	719	304	79	38	1	369	713	158	0	91
			2	657	657	141	141		2	597	597	23	23	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.1.7 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





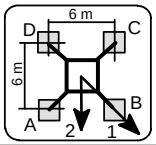
KRE 260.1 **Corner distance 5 m x 6,79 m** **Jib length 60 m**

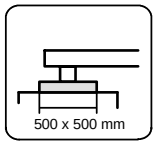
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	62,5	1	417	572	286	131	30	1	312	606	132	0	53
			2	529	529	174	174		2	506	506	18	18	
14,1	14,5	65,0	1	432	597	292	128	32	1	326	626	140	0	57
			2	551	551	173	173		2	525	525	21	21	
18,6	19,0	67,5	1	447	623	299	123	33	1	339	649	147	0	74
			2	574	574	171	171		2	545	545	22	22	
23,1	23,5	70,0	1	463	651	304	116	35	1	352	675	151	0	79
			2	599	599	168	168		2	567	567	23	23	
27,6	28,0	72,5	1	480	681	309	108	36	1	363	704	154	0	85
			2	625	625	163	163		2	589	589	22	22	
32,1	32,5	77,5	1	503	720	320	103	38	1	386	736	168	0	92
			2	660	660	163	163		2	619	619	26	26	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.2.1 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



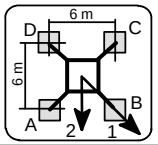


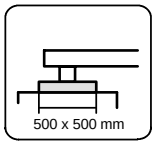
KRE 260.1 **Corner distance 6 m x 6 m** **Jib length 30 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	45,0	1	271	488	271	53	29	1	185	353	185	17	49
			2	425	425	117	117		2	304	304	66	66	
14,1	14,5	45,0	1	275	505	275	45	31	1	190	364	190	15	54
			2	438	438	112	112		2	313	313	66	66	
18,6	19,0	45,0	1	280	524	280	36	32	1	194	377	194	12	69
			2	452	452	107	107		2	323	323	65	65	
23,1	23,5	45,0	1	284	544	284	25	34	1	199	390	199	8	74
			2	468	468	101	101		2	334	334	64	64	
27,6	28,0	45,0	1	289	566	289	12	35	1	203	404	203	2	80
			2	485	485	93	93		2	345	345	61	61	
32,1	32,5	45,0	1	291	591	291	0	37	1	204	424	204	0	87
			2	503	503	84	84		2	358	358	58	58	
36,6	37,0	45,0	1	279	633	279	0	38	1	201	448	201	0	94
			2	522	522	74	74		2	389	389	147	147	
41,1	41,5	50,0	1	291	679	291	0	40	1	285	509	285	61	100
			2	555	555	75	75		2	443	443	127	127	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.2.2 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



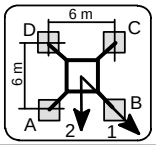


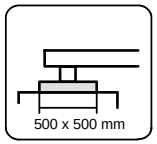
KRE 260.1 **Corner distance 6 m x 6 m** **Jib length 35 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	37,5	1	261	465	261	58	29	1	164	337	164	0	50
			2	405	405	117	117		2	285	285	47	47	
14,1	14,5	37,5	1	266	482	266	50	31	1	167	350	167	0	55
			2	419	419	113	113		2	295	295	47	47	
18,6	19,0	37,5	1	270	500	270	40	32	1	168	366	168	0	70
			2	433	433	108	108		2	305	305	46	46	
23,1	23,5	37,5	1	275	521	275	29	34	1	168	384	168	0	75
			2	449	449	101	101		2	316	316	44	44	
27,6	28,0	37,5	1	279	542	279	16	35	1	167	404	167	0	81
			2	465	465	93	93		2	327	327	42	42	
32,1	32,5	37,5	1	284	566	284	2	37	1	165	426	165	0	88
			2	483	483	84	84		2	345	345	163	163	
36,6	37,0	37,5	1	274	606	274	0	38	1	162	450	162	0	95
			2	503	503	74	74		2	384	384	133	133	
41,1	41,5	47,5	1	310	653	310	0	40	1	288	519	288	57	101
			2	549	549	87	87		2	452	452	124	124	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.2.3 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



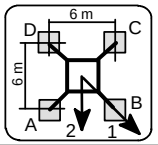


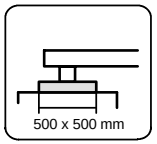
KRE 260.1 **Corner distance 6 m x 6 m** **Jib length 40 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	32,5	1	257	452	257	62	29	1	139	337	139	0	50
			2	395	395	119	119		2	287	287	76	76	
14,1	14,5	32,5	1	262	469	262	54	31	1	141	351	141	0	55
			2	409	409	115	115		2	298	298	74	74	
18,6	19,0	32,5	1	266	488	266	44	32	1	142	367	142	0	71
			2	423	423	109	109		2	310	310	72	72	
23,1	23,5	32,5	1	271	508	271	33	34	1	143	385	143	0	76
			2	439	439	103	103		2	322	322	69	69	
27,6	28,0	32,5	1	275	530	275	20	35	1	142	405	142	0	82
			2	456	456	95	95		2	335	335	65	65	
32,1	32,5	32,5	1	280	554	280	6	37	1	140	427	140	0	89
			2	474	474	86	86		2	349	349	60	60	
36,6	37,0	32,5	1	274	591	274	0	39	1	137	451	137	0	95
			2	493	493	76	76		2	385	385	124	124	
41,1	41,5	45,0	1	320	639	320	1	40	1	290	528	290	52	102
			2	546	546	95	95		2	459	459	122	122	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.2.4 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



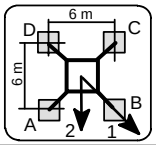


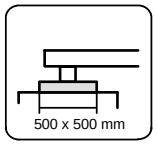
KRE 260.1 **Corner distance 6 m x 6 m** **Jib length 45 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	30,0	1	260	465	260	56	30	1	157	398	157	0	51
			2	405	405	115	115		2	319	319	37	37	
14,1	14,5	30,0	1	265	482	265	47	31	1	157	416	157	0	56
			2	418	418	111	111		2	330	330	35	35	
18,6	19,0	30,0	1	269	501	269	37	33	1	155	437	155	0	72
			2	433	433	105	105		2	341	341	32	32	
23,1	23,5	30,0	1	274	522	274	26	34	1	153	460	153	0	76
			2	449	449	98	98		2	354	354	29	29	
27,6	28,0	30,0	1	278	544	278	13	36	1	149	485	149	0	83
			2	466	466	90	90		2	368	368	24	24	
32,1	32,5	30,0	1	280	571	280	0	37	1	144	514	144	0	90
			2	485	485	81	81		2	382	382	19	19	
36,6	37,0	30,0	1	268	615	268	0	39	1	138	544	138	0	96
			2	505	505	70	70		2	404	404	111	111	
41,1	41,5	37,5	1	290	663	290	0	40	1	168	578	168	0	103
			2	545	545	76	76		2	466	466	95	95	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.2.5 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





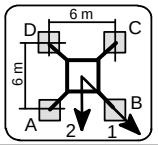
KRE 260.1 **Corner distance 6 m x 6 m** **Jib length 50 m**

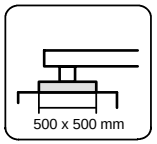
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	32,5	1	267	482	267	52	30	1	150	440	150	0	51
			2	419	419	115	115		2	340	340	29	29	
14,1	14,5	32,5	1	272	500	272	43	31	1	150	458	150	0	56
			2	433	433	110	110		2	351	351	27	27	
18,6	19,0	32,5	1	276	519	276	33	33	1	148	479	148	0	72
			2	448	448	104	104		2	363	363	24	24	
23,1	23,5	32,5	1	281	540	281	21	34	1	146	503	146	0	77
			2	464	464	97	97		2	376	376	21	21	
27,6	28,0	32,5	1	285	563	285	8	36	1	142	529	142	0	84
			2	481	481	89	89		2	390	390	16	16	
32,1	32,5	35,0	1	295	595	295	0	37	1	149	557	149	0	90
			2	506	506	86	86		2	411	411	17	17	
36,6	37,0	37,5	1	294	639	294	0	39	1	155	589	155	0	97
			2	533	533	81	81		2	443	443	111	111	
41,1	41,5	40,0	1	291	688	291	0	40	1	159	624	159	0	104
			2	561	561	74	74		2	493	493	82	82	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.2.6 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





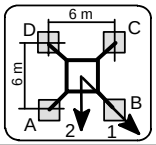
KRE 260.1 **Corner distance 6 m x 6 m** **Jib length 55 m**

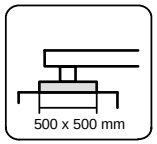
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	42,5	1	301	522	301	81	30	1	147	554	147	0	52
			2	457	457	145	145		2	408	408	16	16	
14,1	14,5	42,5	1	306	540	306	72	31	1	147	573	147	0	57
			2	471	471	141	141		2	420	420	14	14	
18,6	19,0	45,0	1	317	565	317	68	33	1	158	595	158	0	73
			2	492	492	141	141		2	438	438	17	17	
23,1	23,5	47,5	1	327	593	327	62	35	1	167	620	167	0	78
			2	515	515	140	140		2	457	457	19	19	
27,6	28,0	47,5	1	332	616	332	48	36	1	163	647	163	0	85
			2	532	532	131	131		2	472	472	14	14	
32,1	32,5	52,5	1	349	653	349	45	38	1	182	677	182	0	91
			2	564	564	134	134		2	499	499	21	21	
36,6	37,0	55,0	1	360	687	360	33	39	1	187	710	187	0	98
			2	591	591	129	129		2	522	522	20	20	
41,1	41,5	57,5	1	371	723	371	18	41	1	190	747	190	0	105
			2	620	620	122	122		2	570	570	111	111	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.2.7 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



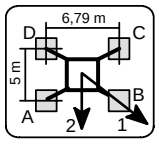


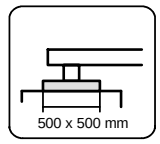
KRE 260.1 **Corner distance 6 m x 6 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	45,0	1	308	517	308	98	30	1	150	575	150	0	53
			2	455	455	160	160		2	422	422	15	15	
14,1	14,5	45,0	1	312	535	312	90	32	1	149	594	149	0	57
			2	469	469	155	155		2	433	433	13	13	
18,6	19,0	47,5	1	323	560	323	86	33	1	160	616	160	0	74
			2	491	491	155	155		2	452	452	16	16	
23,1	23,5	50,0	1	334	588	334	80	35	1	169	641	169	0	79
			2	513	513	154	154		2	471	471	18	18	
27,6	28,0	52,5	1	344	617	344	72	36	1	177	668	177	0	85
			2	537	537	152	152		2	492	492	19	19	
32,1	32,5	55,0	1	355	648	355	63	38	1	183	699	183	0	92
			2	562	562	148	148		2	513	513	19	19	
36,6	37,0	57,5	1	366	681	366	51	39	1	188	732	188	0	99
			2	589	589	143	143		2	539	539	133	133	
41,1	41,5	62,5	1	383	723	383	43	41	1	204	770	204	0	105
			2	624	624	143	143		2	598	598	108	108	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.3.1 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



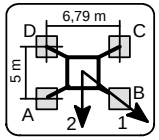


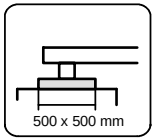
KRE 260.2 **Corner distance 5 m x 6,79 m** **Jib length 30 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	62,5	1	389	550	253	92	29	1	288	412	183	58	49
			2	506	506	136	136		2	378	378	93	93	
14,1	14,5	62,5	1	397	568	253	83	30	1	294	424	185	56	53
			2	521	521	130	130		2	388	388	92	92	
18,6	19,0	62,5	1	406	587	254	73	32	1	301	437	187	52	69
			2	537	537	123	123		2	399	399	90	90	
23,1	23,5	62,5	1	416	608	253	61	33	1	309	450	189	47	73
			2	555	555	114	114		2	411	411	87	87	
27,6	28,0	62,5	1	426	631	253	47	35	1	316	465	191	42	80
			2	574	574	104	104		2	424	424	83	83	
32,1	32,5	62,5	1	436	655	251	32	36	1	324	481	192	35	87
			2	595	595	93	93		2	438	438	78	78	
36,6	37,0	62,5	1	447	682	249	15	38	1	372	499	265	138	93
			2	617	617	80	80		2	464	464	173	173	
41,1	41,5	70,0	1	478	729	265	14	40	1	412	577	272	106	100
			2	660	660	83	83		2	532	532	152	152	
45,6	46,0	85,0	1	528	798	299	29	41	1	472	680	296	87	106
			2	723	723	104	104		2	622	622	145	145	
50,1	50,5	102,5	1	585	876	339	48	43	1	540	795	324	69	113
			2	795	795	128	128		2	724	724	140	140	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.3.2 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





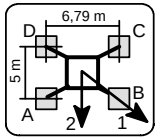
KRE 260.2 **Corner distance 5 m x 6,79 m** **Jib length 35 m**

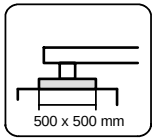
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	55,0	1	375	526	248	97	29	1	269	394	164	39	49
			2	484	484	139	139		2	359	359	74	74	
14,1	14,5	55,0	1	383	544	248	88	31	1	276	406	166	37	54
			2	499	499	133	133		2	370	370	72	72	
18,6	19,0	55,0	1	392	563	249	78	32	1	283	418	168	33	70
			2	516	516	125	125		2	381	381	70	70	
23,1	23,5	55,0	1	402	584	248	66	34	1	290	432	170	28	74
			2	534	534	117	117		2	393	393	67	67	
27,6	28,0	55,0	1	412	607	247	52	35	1	298	447	172	22	81
			2	553	553	106	106		2	406	406	64	64	
32,1	32,5	55,0	1	422	631	246	37	37	1	306	463	173	15	88
			2	573	573	95	95		2	420	420	59	59	
36,6	37,0	55,0	1	433	658	244	19	38	1	364	496	253	121	94
			2	596	596	82	82		2	460	460	158	158	
41,1	41,5	67,5	1	477	718	272	31	40	1	417	588	272	101	101
			2	651	651	98	98		2	541	541	148	148	
45,6	46,0	82,5	1	527	787	306	46	41	1	477	692	296	81	107
			2	715	715	118	118		2	632	632	141	141	
50,1	50,5	100,0	1	584	866	346	64	43	1	545	808	324	62	114
			2	788	788	142	142		2	735	735	135	135	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.3.3 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





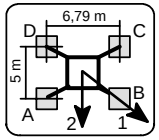
KRE 260.2 **Corner distance 5 m x 6,79 m** **Jib length 40 m**

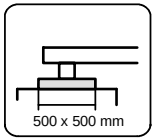
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	47,5	1	362	506	240	96	29	1	272	383	179	69	50
			2	466	466	136	136		2	352	352	99	99	
14,1	14,5	47,5	1	371	524	241	87	31	1	280	397	181	64	54
			2	482	482	130	130		2	364	364	96	96	
18,6	19,0	47,5	1	380	544	241	76	32	1	287	412	182	58	70
			2	498	498	122	122		2	377	377	92	92	
23,1	23,5	47,5	1	389	565	240	64	34	1	295	428	183	51	75
			2	516	516	113	113		2	391	391	87	87	
27,6	28,0	47,5	1	399	588	240	51	35	1	304	445	184	42	82
			2	536	536	103	103		2	406	406	81	81	
32,1	32,5	47,5	1	410	613	238	35	37	1	312	464	184	33	88
			2	556	556	91	91		2	422	422	75	75	
36,6	37,0	50,0	1	427	646	242	24	38	1	362	498	247	111	95
			2	585	585	84	84		2	461	461	149	149	
41,1	41,5	65,0	1	476	713	277	41	40	1	421	597	272	96	101
			2	647	647	106	106		2	549	549	145	145	
45,6	46,0	80,0	1	527	782	311	56	41	1	482	702	296	76	108
			2	711	711	126	126		2	641	641	137	137	
50,1	50,5	97,5	1	584	861	350	73	43	1	550	819	324	55	115
			2	784	784	150	150		2	744	744	130	130	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.3.4 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





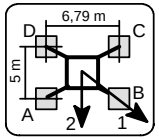
KRE 260.2 **Corner distance 5 m x 6,79 m** **Jib length 45 m**

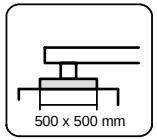
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	47,5	1	374	526	246	95	29	1	290	438	166	18	50
			2	484	484	137	137		2	397	397	59	59	
14,1	14,5	47,5	1	383	544	247	86	31	1	298	452	168	13	55
			2	499	499	130	130		2	409	409	56	56	
18,6	19,0	47,5	1	392	564	247	75	32	1	305	467	169	7	71
			2	516	516	123	123		2	423	423	52	52	
23,1	23,5	47,5	1	402	585	246	63	34	1	313	485	169	0	76
			2	534	534	114	114		2	437	437	47	47	
27,6	28,0	47,5	1	412	609	245	49	35	1	313	511	161	0	83
			2	554	554	103	103		2	452	452	40	40	
32,1	32,5	47,5	1	422	634	244	32	37	1	311	541	151	0	89
			2	575	575	91	91		2	469	469	33	33	
36,6	37,0	47,5	1	434	661	242	14	38	1	309	574	139	0	96
			2	598	598	77	77		2	486	486	24	24	
41,1	41,5	55,0	1	465	710	257	12	40	1	343	609	162	0	102
			2	642	642	80	80		2	554	554	108	108	
45,6	46,0	72,5	1	521	787	297	32	41	1	480	720	278	39	109
			2	713	713	105	105		2	653	653	105	105	
50,1	50,5	90,0	1	579	867	336	48	43	1	549	838	306	17	115
			2	787	787	128	128		2	758	758	97	97	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.3.5 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





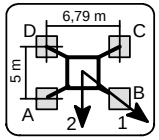
KRE 260.2 **Corner distance 5 m x 6,79 m** **Jib length 50 m**

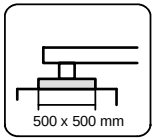
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	50,0	1	385	544	250	90	29	1	304	467	166	4	51
			2	500	500	135	135		2	421	421	49	49	
14,1	14,5	50,0	1	393	562	250	81	31	1	309	483	166	0	56
			2	516	516	128	128		2	434	434	45	45	
18,6	19,0	50,0	1	402	582	250	70	33	1	311	505	161	0	72
			2	533	533	120	120		2	447	447	41	41	
23,1	23,5	50,0	1	412	604	250	58	34	1	311	530	154	0	77
			2	551	551	111	111		2	462	462	35	35	
27,6	28,0	50,0	1	422	628	249	43	36	1	311	557	145	0	83
			2	571	571	100	100		2	477	477	29	29	
32,1	32,5	50,0	1	433	653	247	27	37	1	309	587	135	0	90
			2	592	592	88	88		2	494	494	21	21	
36,6	37,0	52,5	1	451	687	251	14	39	1	319	620	135	0	96
			2	622	622	80	80		2	520	520	122	122	
41,1	41,5	57,5	1	476	730	260	5	40	1	340	657	145	0	103
			2	660	660	76	76		2	585	585	91	91	
45,6	46,0	70,0	1	520	795	287	12	42	1	484	745	263	2	110
			2	719	719	88	88		2	673	673	74	74	
50,1	50,5	97,5	1	603	901	351	53	43	1	579	890	315	4	116
			2	818	818	136	136		2	804	804	90	90	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.3.6 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



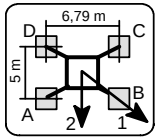


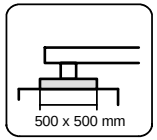
KRE 260.2 **Corner distance 5 m x 6,79 m** **Jib length 55 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	57,5	1	414	577	276	113	30	1	307	584	134	0	52
			2	532	532	158	158		2	491	491	21	21	
14,1	14,5	57,5	1	423	596	277	104	31	1	309	604	130	0	56
			2	548	548	152	152		2	504	504	18	18	
18,6	19,0	60,0	1	438	622	283	99	33	1	323	627	137	0	73
			2	571	571	150	150		2	524	524	19	19	
23,1	23,5	62,5	1	454	651	288	92	34	1	335	653	142	0	78
			2	596	596	146	146		2	545	545	20	20	
27,6	28,0	65,0	1	471	681	294	83	36	1	347	681	145	0	84
			2	623	623	142	142		2	567	567	19	19	
32,1	32,5	70,0	1	494	720	304	79	37	1	370	713	158	0	91
			2	657	657	141	141		2	597	597	23	23	
36,6	37,0	75,0	1	518	761	314	72	39	1	392	748	169	0	97
			2	694	694	139	139		2	628	628	26	26	
41,1	41,5	80,0	1	543	804	323	62	40	1	412	787	179	0	104
			2	732	732	135	135		2	678	678	128	128	
45,6	46,0	85,0	1	569	851	331	50	42	1	431	829	185	0	111
			2	773	773	128	128		2	749	749	92	92	
50,1	50,5	105,0	1	634	939	376	71	43	1	611	965	324	0	117
			2	855	855	155	155		2	863	863	87	87	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.3.7 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



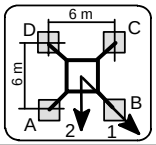


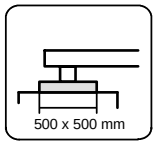
KRE 260.2 **Corner distance 5 m x 6,79 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	60,0	1	417	572	286	131	30	1	312	606	132	0	52
			2	529	529	174	174		2	506	506	19	19	
14,1	14,5	62,5	1	432	597	293	128	31	1	326	626	141	0	57
			2	551	551	174	174		2	525	525	21	21	
18,6	19,0	65,0	1	447	623	299	123	33	1	340	649	147	0	73
			2	574	574	172	172		2	545	545	23	23	
23,1	23,5	67,5	1	463	651	305	116	34	1	352	675	152	0	78
			2	599	599	169	169		2	567	567	23	23	
27,6	28,0	70,0	1	480	682	310	108	36	1	364	704	155	0	85
			2	626	626	164	164		2	589	589	22	22	
32,1	32,5	75,0	1	503	720	320	104	37	1	387	736	168	0	91
			2	660	660	164	164		2	619	619	26	26	
36,6	37,0	77,5	1	521	755	324	91	39	1	396	772	167	0	98
			2	690	690	155	155		2	644	644	23	23	
41,1	41,5	82,5	1	546	798	333	81	40	1	416	811	175	0	105
			2	728	728	151	151		2	703	703	116	116	
45,6	46,0	90,0	1	578	851	348	75	42	1	561	865	305	0	111
			2	775	775	150	150		2	781	781	85	85	
50,1	50,5	115,0	1	655	951	405	109	44	1	643	1015	342	0	118
			2	869	869	191	191		2	909	909	91	91	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.3.4.1 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





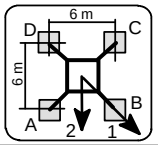
KRE 260.2 **Corner distance 6 m x 6 m** **Jib length 30 m**

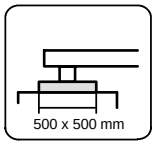
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	42,5	1	271	489	271	53	29	1	185	353	185	17	49
			2	425	425	117	117		2	304	304	67	67	
14,1	14,5	42,5	1	275	506	275	45	30	1	190	364	190	15	53
			2	438	438	113	113		2	313	313	66	66	
18,6	19,0	42,5	1	280	524	280	36	32	1	194	377	194	12	69
			2	453	453	107	107		2	323	323	65	65	
23,1	23,5	42,5	1	285	544	285	25	33	1	199	390	199	8	73
			2	468	468	101	101		2	334	334	64	64	
27,6	28,0	42,5	1	289	566	289	12	35	1	203	404	203	3	80
			2	485	485	93	93		2	346	346	61	61	
32,1	32,5	42,5	1	292	591	292	0	36	1	204	424	204	0	87
			2	503	503	85	85		2	358	358	58	58	
36,6	37,0	42,5	1	280	633	280	0	38	1	201	448	201	0	93
			2	522	522	74	74		2	389	389	147	147	
41,1	41,5	47,5	1	291	679	291	0	40	1	285	509	285	61	100
			2	555	555	75	75		2	444	444	127	127	
45,6	46,0	60,0	1	337	730	337	0	41	1	321	602	321	40	106
			2	609	609	93	93		2	520	520	122	122	
50,1	50,5	72,5	1	381	786	381	0	43	1	357	701	357	13	113
			2	665	665	109	109		2	600	600	113	113	
54,6	55,0	85,0	1	428	845	428	11	45	1	385	821	385	0	122
			2	723	723	133	133		2	688	688	107	107	
59,1	59,5	100,0	1	472	919	472	25	47	1	400	969	400	0	130
			2	788	788	156	156		2	785	785	100	100	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.4.2 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





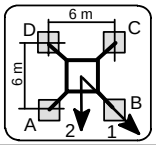
KRE 260.2 **Corner distance 6 m x 6 m** **Jib length 35 m**

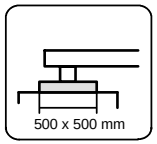
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	35,0	1	261	465	261	58	29	1	165	336	165	0	49
			2	405	405	118	118		2	285	285	48	48	
14,1	14,5	35,0	1	266	482	266	50	31	1	167	350	167	0	54
			2	419	419	113	113		2	295	295	47	47	
18,6	19,0	35,0	1	270	501	270	40	32	1	168	366	168	0	70
			2	433	433	108	108		2	305	305	46	46	
23,1	23,5	35,0	1	275	521	275	29	34	1	168	384	168	0	74
			2	449	449	101	101		2	316	316	45	45	
27,6	28,0	35,0	1	280	543	280	17	35	1	168	404	168	0	81
			2	466	466	94	94		2	327	327	42	42	
32,1	32,5	35,0	1	284	566	284	2	37	1	166	426	166	0	88
			2	484	484	85	85		2	345	345	163	163	
36,6	37,0	35,0	1	274	606	274	0	38	1	163	450	163	0	94
			2	503	503	74	74		2	384	384	133	133	
41,1	41,5	45,0	1	310	652	310	0	40	1	288	519	288	57	101
			2	549	549	88	88		2	452	452	125	125	
45,6	46,0	57,5	1	354	706	354	2	41	1	324	614	324	34	107
			2	603	603	105	105		2	529	529	119	119	
50,1	50,5	70,0	1	390	770	390	9	43	1	360	714	360	6	114
			2	659	659	121	121		2	610	610	110	110	
54,6	55,0	82,5	1	431	835	431	26	45	1	380	842	380	0	123
			2	717	717	144	144		2	698	698	103	103	
59,1	59,5	97,5	1	475	910	475	40	47	1	394	992	394	0	131
			2	783	783	168	168		2	796	796	94	94	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.4.3 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





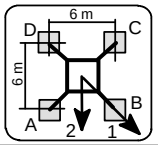
KRE 260.2 **Corner distance 6 m x 6 m** **Jib length 40 m**

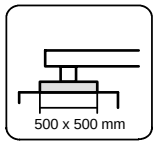
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	30,0	1	257	452	257	63	29	1	140	337	140	0	50
			2	395	395	120	120		2	287	287	76	76	
14,1	14,5	30,0	1	262	470	262	54	31	1	142	351	142	0	54
			2	409	409	115	115		2	298	298	75	75	
18,6	19,0	30,0	1	266	488	266	45	32	1	143	367	143	0	70
			2	423	423	110	110		2	310	310	72	72	
23,1	23,5	30,0	1	271	509	271	34	34	1	143	385	143	0	75
			2	439	439	103	103		2	322	322	69	69	
27,6	28,0	30,0	1	276	530	276	21	35	1	142	405	142	0	82
			2	456	456	95	95		2	335	335	65	65	
32,1	32,5	30,0	1	280	554	280	6	37	1	140	427	140	0	88
			2	474	474	86	86		2	349	349	60	60	
36,6	37,0	30,0	1	274	591	274	0	38	1	137	451	137	0	95
			2	493	493	76	76		2	385	385	125	125	
41,1	41,5	42,5	1	320	639	320	2	40	1	290	528	290	53	101
			2	546	546	95	95		2	459	459	122	122	
45,6	46,0	55,0	1	356	701	356	12	41	1	326	623	326	29	108
			2	600	600	113	113		2	536	536	116	116	
50,1	50,5	70,0	1	398	772	398	25	43	1	368	730	368	6	115
			2	662	662	134	134		2	624	624	112	112	
54,6	55,0	80,0	1	433	831	433	35	45	1	376	860	376	0	124
			2	714	714	151	151		2	707	707	99	99	
59,1	59,5	97,5	1	484	913	484	55	47	1	401	1013	401	0	132
			2	787	787	180	180		2	812	812	96	96	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.4.4 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





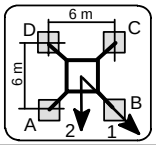
KRE 260.2 **Corner distance 6 m x 6 m** **Jib length 45 m**

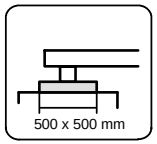
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	27,5	1	260	465	260	56	29	1	157	398	157	0	50
			2	405	405	116	116		2	319	319	37	37	
14,1	14,5	27,5	1	265	482	265	47	31	1	157	416	157	0	55
			2	419	419	111	111		2	330	330	35	35	
18,6	19,0	27,5	1	269	501	269	38	32	1	156	437	156	0	71
			2	433	433	105	105		2	342	342	33	33	
23,1	23,5	27,5	1	274	522	274	26	34	1	154	460	154	0	76
			2	449	449	99	99		2	354	354	29	29	
27,6	28,0	27,5	1	279	544	279	13	35	1	150	485	150	0	83
			2	466	466	91	91		2	368	368	25	25	
32,1	32,5	27,5	1	281	571	281	0	37	1	145	513	145	0	89
			2	485	485	81	81		2	382	382	19	19	
36,6	37,0	27,5	1	268	614	268	0	38	1	139	544	139	0	96
			2	505	505	70	70		2	404	404	111	111	
41,1	41,5	35,0	1	290	663	290	0	40	1	168	578	168	0	102
			2	545	545	77	77		2	466	466	95	95	
45,6	46,0	47,5	1	335	717	335	0	41	1	310	646	310	0	109
			2	600	600	93	93		2	545	545	88	88	
50,1	50,5	62,5	1	389	777	389	0	43	1	328	780	328	0	115
			2	663	663	114	114		2	634	634	83	83	
54,6	55,0	77,5	1	436	849	436	22	45	1	353	918	353	0	125
			2	728	728	144	144		2	730	730	81	81	
59,1	59,5	102,5	1	505	951	505	60	47	1	414	1074	414	0	133
			2	820	820	191	191		2	855	855	96	96	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.4.5 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





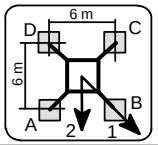
KRE 260.2 **Corner distance 6 m x 6 m** **Jib length 50 m**

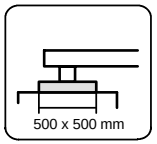
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	30,0	1	267	483	267	52	29	1	150	439	150	0	51
			2	419	419	115	115		2	340	340	30	30	
14,1	14,5	30,0	1	272	500	272	43	31	1	150	458	150	0	56
			2	433	433	110	110		2	352	352	28	28	
18,6	19,0	30,0	1	276	519	276	33	33	1	149	479	149	0	72
			2	448	448	105	105		2	364	364	25	25	
23,1	23,5	30,0	1	281	540	281	22	34	1	146	503	146	0	77
			2	464	464	98	98		2	376	376	21	21	
27,6	28,0	30,0	1	285	563	285	8	36	1	142	529	142	0	83
			2	482	482	89	89		2	390	390	16	16	
32,1	32,5	32,5	1	295	595	295	0	37	1	149	557	149	0	90
			2	506	506	86	86		2	411	411	17	17	
36,6	37,0	35,0	1	295	639	295	0	39	1	155	589	155	0	96
			2	533	533	81	81		2	443	443	111	111	
41,1	41,5	37,5	1	292	688	292	0	40	1	160	623	160	0	103
			2	561	561	75	75		2	494	494	82	82	
45,6	46,0	45,0	1	311	743	311	0	42	1	270	706	270	0	110
			2	604	604	78	78		2	561	561	62	62	
50,1	50,5	67,5	1	402	804	402	0	43	1	323	841	323	0	116
			2	686	686	118	118		2	669	669	74	74	
54,6	55,0	87,5	1	462	889	462	34	46	1	373	981	373	0	125
			2	764	764	159	159		2	778	778	85	85	
59,1	59,5	112,5	1	531	991	531	71	48	1	433	1139	433	0	133
			2	856	856	206	206		2	904	904	98	98	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.4.6 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





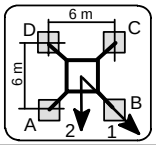
KRE 260.2 **Corner distance 6 m x 6 m** **Jib length 55 m**

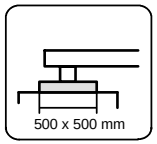
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	40,0	1	301	522	301	81	30	1	148	554	148	0	52
			2	457	457	146	146		2	408	408	17	17	
14,1	14,5	40,0	1	306	540	306	72	31	1	147	573	147	0	56
			2	471	471	141	141		2	420	420	14	14	
18,6	19,0	42,5	1	317	565	317	68	33	1	158	595	158	0	73
			2	493	493	141	141		2	438	438	17	17	
23,1	23,5	42,5	1	321	586	321	56	34	1	155	619	155	0	78
			2	509	509	134	134		2	451	451	13	13	
27,6	28,0	45,0	1	332	616	332	49	36	1	163	647	163	0	84
			2	533	533	132	132		2	472	472	15	15	
32,1	32,5	50,0	1	349	653	349	45	37	1	182	677	182	0	91
			2	564	564	134	134		2	499	499	21	21	
36,6	37,0	52,5	1	360	687	360	33	39	1	187	710	187	0	97
			2	591	591	129	129		2	522	522	20	20	
41,1	41,5	55,0	1	371	723	371	19	40	1	190	747	190	0	104
			2	620	620	122	122		2	570	570	112	112	
45,6	46,0	60,0	1	388	768	388	7	42	1	204	787	204	0	111
			2	657	657	119	119		2	632	632	84	84	
50,1	50,5	75,0	1	430	842	430	18	43	1	342	915	342	0	117
			2	721	721	139	139		2	724	724	76	76	
54,6	55,0	95,0	1	490	928	490	52	46	1	390	1057	390	0	126
			2	799	799	180	180		2	833	833	86	86	
59,1	59,5	120,0	1	559	1030	559	88	48	1	448	1220	448	0	134
			2	892	892	226	226		2	960	960	98	98	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.4.7 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



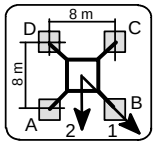


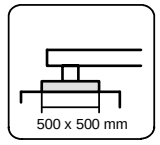
KRE 260.2 **Corner distance 6 m x 6 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
9,6	10,0	42,5	1	308	517	308	99	30	1	150	575	150	0	52
			2	456	456	160	160		2	422	422	16	16	
14,1	14,5	42,5	1	312	535	312	90	31	1	150	594	150	0	57
			2	470	470	155	155		2	433	433	13	13	
18,6	19,0	45,0	1	323	560	323	86	33	1	160	616	160	0	73
			2	491	491	155	155		2	452	452	16	16	
23,1	23,5	47,5	1	334	588	334	80	34	1	169	641	169	0	78
			2	513	513	154	154		2	471	471	18	18	
27,6	28,0	50,0	1	345	617	345	73	36	1	177	668	177	0	85
			2	537	537	152	152		2	492	492	19	19	
32,1	32,5	52,5	1	356	648	356	63	37	1	184	699	184	0	91
			2	562	562	149	149		2	514	514	19	19	
36,6	37,0	55,0	1	366	681	366	51	39	1	188	732	188	0	98
			2	589	589	143	143		2	540	540	133	133	
41,1	41,5	60,0	1	383	724	383	43	40	1	204	769	204	0	105
			2	624	624	143	143		2	598	598	109	109	
45,6	46,0	65,0	1	400	769	400	32	42	1	330	821	330	0	111
			2	661	661	140	140		2	661	661	80	80	
50,1	50,5	82,5	1	449	848	449	49	44	1	356	963	356	0	118
			2	731	731	166	166		2	759	759	78	78	
54,6	55,0	102,5	1	508	934	508	83	46	1	403	1106	403	0	127
			2	809	809	208	208		2	869	869	87	87	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column (hook) for the hook height is valid.														

3.3.5.1 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



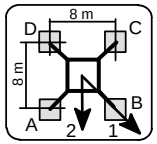


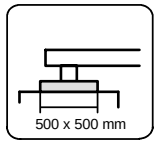
KRE 480 **Corner distance 8 m x 8 m** **Jib length 30 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
14,1	14,5	0,0	1	209	383	209	36	33	1	115	264	115	0	60
			2	332	332	87	87		2	217	217	30	30	
18,6	19,0	0,0	1	216	401	216	32	35	1	123	277	123	0	77
			2	347	347	86	86		2	229	229	33	33	
23,1	23,5	0,0	1	221	416	221	26	37	1	126	290	126	0	82
			2	359	359	83	83		2	238	238	33	33	
27,6	28,0	0,0	1	225	433	225	18	38	1	128	304	128	0	88
			2	372	372	79	79		2	247	247	32	32	
32,1	32,5	0,0	1	230	450	230	10	40	1	129	320	129	0	95
			2	386	386	74	74		2	269	269	131	131	
36,6	37,0	0,0	1	234	470	234	0	41	1	205	338	205	71	101
			2	401	401	68	68		2	299	299	110	110	
41,1	41,5	2,5	1	240	501	240	0	43	1	215	387	215	44	108
			2	423	423	68	68		2	337	337	94	94	
45,6	46,0	10,0	1	269	537	269	1	44	1	239	452	239	25	114
			2	458	458	79	79		2	390	390	88	88	
50,1	50,5	20,0	1	298	586	298	11	46	1	268	527	268	9	121
			2	501	501	95	95		2	451	451	85	85	
54,6	55,0	30,0	1	328	636	328	19	47	1	287	617	287	0	128
			2	546	546	110	110		2	516	516	80	80	
59,1	59,5	40,0	1	357	689	357	26	49	1	293	724	293	0	134
			2	592	592	123	123		2	583	583	71	71	
63,6	64,0	55,0	1	402	757	402	47	51	1	323	842	323	0	142
			2	653	653	151	151		2	670	670	74	74	
68,1	68,5	75,0	1	459	840	459	78	53	1	371	973	371	0	151
			2	728	728	189	189		2	773	773	85	85	
72,6	73,0	97,5	1	525	933	525	116	55	1	427	1125	427	0	161
			2	814	814	236	236		2	893	893	97	97	
77,1	77,5	120,0	1	589	1025	589	153	58	1	480	1277	480	0	171
			2	897	897	281	281		2	1010	1010	108	108	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column (hook) for the hook height is valid.														

3.3.5.2 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



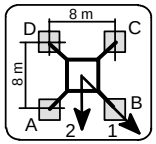


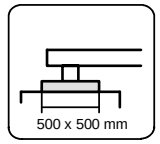
KRE 480 **Corner distance 8 m x 8 m** **Jib length 35 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
14,1	14,5	0,0	1	218	381	218	56	33	1	115	265	115	0	60
			2	334	334	103	103		2	217	217	30	30	
18,6	19,0	0,0	1	226	399	226	52	35	1	122	278	122	0	78
			2	348	348	103	103		2	229	229	85	85	
23,1	23,5	0,0	1	230	415	230	45	37	1	125	291	125	0	83
			2	361	361	100	100		2	239	239	83	83	
27,6	28,0	0,0	1	235	431	235	38	38	1	127	305	127	0	89
			2	374	374	96	96		2	254	254	156	156	
32,1	32,5	0,0	1	239	449	239	29	40	1	128	321	128	0	96
			2	388	388	91	91		2	281	281	137	137	
36,6	37,0	0,0	1	244	468	244	19	42	1	214	352	214	76	102
			2	403	403	85	85		2	311	311	116	116	
41,1	41,5	0,0	1	248	489	248	8	43	1	218	395	218	41	109
			2	418	418	78	78		2	343	343	93	93	
45,6	46,0	7,5	1	272	530	272	13	45	1	242	461	242	22	115
			2	454	454	89	89		2	397	397	87	87	
50,1	50,5	17,5	1	301	579	301	24	46	1	271	537	271	6	122
			2	497	497	105	105		2	459	459	83	83	
54,6	55,0	27,5	1	331	630	331	32	48	1	286	631	286	0	129
			2	542	542	119	119		2	524	524	78	78	
59,1	59,5	40,0	1	367	689	367	44	49	1	303	740	303	0	135
			2	594	594	139	139		2	598	598	75	75	
63,6	64,0	55,0	1	411	757	411	65	51	1	332	861	332	0	143
			2	656	656	166	166		2	685	685	77	77	
68,1	68,5	75,0	1	468	841	468	96	53	1	379	994	379	0	152
			2	732	732	205	205		2	790	790	87	87	
72,6	73,0	97,5	1	534	934	534	134	55	1	434	1149	434	0	162
			2	817	817	251	251		2	910	910	98	98	
77,1	77,5	120,0	1	598	1027	598	170	58	1	485	1303	485	0	172
			2	901	901	295	295		2	1029	1029	108	108	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.3.5.3 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive



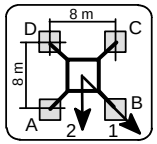


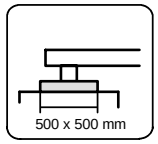
KRE 480 **Corner distance 8 m x 8 m** **Jib length 40 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
14,1	14,5	0,0	1	227	384	227	70	33	1	152	271	152	32	61
			2	338	338	116	116		2	236	236	67	67	
18,6	19,0	0,0	1	234	402	234	67	35	1	159	286	159	31	78
			2	352	352	116	116		2	249	249	68	68	
23,1	23,5	0,0	1	239	417	239	60	37	1	163	299	163	27	83
			2	365	365	112	112		2	259	259	67	67	
27,6	28,0	0,0	1	243	434	243	52	39	1	168	312	168	23	90
			2	378	378	108	108		2	270	270	65	65	
32,1	32,5	0,0	1	248	452	248	44	40	1	172	327	172	18	96
			2	392	392	103	103		2	293	293	143	143	
36,6	37,0	0,0	1	252	471	252	34	42	1	222	365	222	80	103
			2	407	407	98	98		2	323	323	122	122	
41,1	41,5	0,0	1	257	492	257	22	43	1	227	408	227	45	109
			2	423	423	91	91		2	355	355	98	98	
45,6	46,0	5,0	1	274	526	274	21	45	1	244	468	244	19	116
			2	452	452	95	95		2	403	403	85	85	
50,1	50,5	15,0	1	303	576	303	31	46	1	273	545	273	2	123
			2	496	496	111	111		2	465	465	82	82	
54,6	55,0	25,0	1	333	627	333	39	48	1	284	644	284	0	129
			2	541	541	125	125		2	531	531	75	75	
59,1	59,5	37,5	1	369	686	369	51	49	1	300	755	300	0	136
			2	593	593	144	144		2	606	606	72	72	
63,6	64,0	55,0	1	420	761	420	78	51	1	341	877	341	0	144
			2	661	661	178	178		2	700	700	80	80	
68,1	68,5	75,0	1	477	845	477	108	53	1	387	1013	387	0	152
			2	737	737	216	216		2	805	805	89	89	
72,6	73,0	97,5	1	543	939	543	146	55	1	440	1170	440	0	163
			2	823	823	262	262		2	926	926	99	99	
77,1	77,5	122,5	1	613	1038	613	188	58	1	503	1326	503	0	172
			2	914	914	312	312		2	1052	1052	114	114	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.3.5.4 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





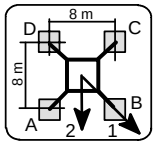
KRE 480 **Corner distance 8 m x 8 m** **Jib length 45 m**

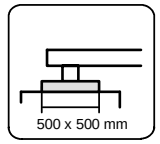
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **390** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
14,1	14,5	0,0	1	236	400	236	72	34	1	151	314	151	0	62
			2	352	352	120	120		2	265	265	43	43	
18,6	19,0	0,0	1	243	418	243	68	36	1	157	331	157	0	79
			2	367	367	120	120		2	278	278	44	44	
23,1	23,5	0,0	1	248	434	248	62	37	1	158	347	158	0	84
			2	379	379	116	116		2	288	288	43	43	
27,6	28,0	0,0	1	252	451	252	54	39	1	158	365	158	0	91
			2	393	393	112	112		2	299	299	41	41	
32,1	32,5	0,0	1	257	469	257	45	40	1	157	386	157	0	97
			2	407	407	107	107		2	314	314	140	140	
36,6	37,0	0,0	1	261	489	261	34	42	1	155	407	155	0	104
			2	422	422	101	101		2	344	344	119	119	
41,1	41,5	0,0	1	266	510	266	22	43	1	236	435	236	37	110
			2	438	438	94	94		2	377	377	95	95	
45,6	46,0	0,0	1	271	533	271	9	45	1	238	486	238	0	117
			2	456	456	85	85		2	413	413	69	69	
50,1	50,5	7,5	1	294	576	294	12	46	1	237	582	237	0	124
			2	493	493	94	94		2	470	470	58	58	
54,6	55,0	22,5	1	336	640	336	31	48	1	269	686	269	0	130
			2	551	551	121	121		2	548	548	63	63	
59,1	59,5	40,0	1	384	714	384	55	49	1	309	799	309	0	137
			2	617	617	151	151		2	637	637	72	72	
63,6	64,0	57,5	1	435	789	435	81	51	1	348	924	348	0	145
			2	686	686	184	184		2	732	732	78	78	
68,1	68,5	80,0	1	498	881	498	116	53	1	405	1063	405	0	153
			2	769	769	228	228		2	844	844	92	92	
72,6	73,0	102,5	1	564	975	564	153	56	1	457	1223	457	0	164
			2	855	855	273	273		2	967	967	102	102	
77,1	77,5	127,5	1	635	1075	635	194	58	1	518	1383	518	0	173
			2	946	946	323	323		2	1094	1094	116	116	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.5.5 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





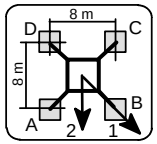
KRE 480 **Corner distance 8 m x 8 m** **Jib length 50 m**

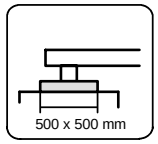
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
14,1	14,5	0,0	1	237	409	237	65	34	1	136	346	136	0	62
			2	359	359	115	115		2	277	277	32	32	
18,6	19,0	0,0	1	244	427	244	61	36	1	142	362	142	0	80
			2	373	373	114	114		2	290	290	34	34	
23,1	23,5	0,0	1	249	443	249	54	37	1	143	379	143	0	85
			2	386	386	111	111		2	300	300	32	32	
27,6	28,0	0,0	1	253	460	253	46	39	1	143	398	143	0	91
			2	399	399	107	107		2	311	311	30	30	
32,1	32,5	0,0	1	258	479	258	37	40	1	142	418	142	0	98
			2	414	414	101	101		2	328	328	127	127	
36,6	37,0	0,0	1	262	498	262	26	42	1	140	440	140	0	105
			2	429	429	95	95		2	359	359	105	105	
41,1	41,5	0,0	1	267	520	267	14	43	1	137	465	137	0	111
			2	446	446	88	88		2	393	393	81	81	
45,6	46,0	0,0	1	271	543	271	0	45	1	218	530	218	0	118
			2	463	463	79	79		2	428	428	54	54	
50,1	50,5	12,5	1	307	599	307	15	47	1	241	626	241	0	124
			2	514	514	101	101		2	499	499	56	56	
54,6	55,0	27,5	1	349	664	349	34	48	1	272	732	272	0	131
			2	572	572	127	127		2	578	578	60	60	
59,1	59,5	47,5	1	404	744	404	64	50	1	323	848	323	0	138
			2	644	644	163	163		2	673	673	74	74	
63,6	64,0	65,0	1	455	820	455	89	52	1	362	975	362	0	146
			2	713	713	196	196		2	769	769	80	80	
68,1	68,5	87,5	1	518	912	518	124	53	1	418	1116	418	0	154
			2	796	796	239	239		2	882	882	93	93	
72,6	73,0	110,0	1	584	1007	584	160	56	1	469	1277	469	0	164
			2	883	883	284	284		2	1005	1005	102	102	
77,1	77,5	135,0	1	654	1107	654	201	58	1	529	1439	529	0	174
			2	975	975	334	334		2	1133	1133	115	115	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.5.6 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





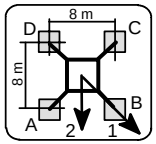
KRE 480 **Corner distance 8 m x 8 m** **Jib length 55 m**

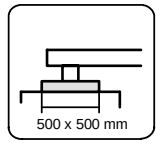
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **390** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
14,1	14,5	2,5	1	252	428	252	76	34	1	111	432	111	0	63
			2	377	377	128	128		2	316	316	11	11	
18,6	19,0	2,5	1	259	447	259	72	36	1	116	449	116	0	81
			2	392	392	127	127		2	329	329	12	12	
23,1	23,5	2,5	1	264	463	264	65	38	1	117	466	117	0	86
			2	404	404	123	123		2	340	340	10	10	
27,6	28,0	5,0	1	275	486	275	63	39	1	129	485	129	0	92
			2	424	424	125	125		2	357	357	14	14	
32,1	32,5	5,0	1	279	505	279	54	41	1	127	506	127	0	99
			2	439	439	120	120		2	369	369	11	11	
36,6	37,0	7,5	1	290	531	290	49	42	1	137	530	137	0	106
			2	461	461	120	120		2	403	403	117	117	
41,1	41,5	10,0	1	301	559	301	43	44	1	146	555	146	0	112
			2	484	484	118	118		2	444	444	98	98	
45,6	46,0	12,5	1	312	589	312	34	45	1	154	584	154	0	119
			2	508	508	116	116		2	487	487	77	77	
50,1	50,5	17,5	1	329	627	329	30	47	1	258	679	258	0	125
			2	540	540	118	118		2	539	539	59	59	
54,6	55,0	32,5	1	371	693	371	49	48	1	288	787	288	0	132
			2	598	598	143	143		2	619	619	62	62	
59,1	59,5	52,5	1	425	774	425	77	50	1	337	907	337	0	138
			2	672	672	179	179		2	716	716	75	75	
63,6	64,0	70,0	1	476	851	476	102	52	1	374	1037	374	0	146
			2	741	741	211	211		2	813	813	80	80	
68,1	68,5	92,5	1	540	943	540	136	54	1	428	1182	428	0	155
			2	825	825	254	254		2	927	927	92	92	
72,6	73,0	117,5	1	612	1046	612	178	56	1	490	1347	490	0	165
			2	919	919	305	305		2	1058	1058	105	105	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.3.5.7 **Center ballasts and corner loads acc. to DIN 15019**

for a stationary tower crane on a
cross frame element without climbing drive





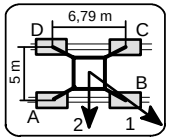
KRE 480 **Corner distance 8 m x 8 m** **Jib length 60 m**

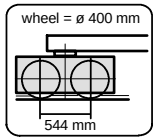
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
14,1	14,5	5,0	1	259	426	259	91	34	1	115	448	115	0	63
			2	377	377	140	140		2	328	328	11	11	
18,6	19,0	5,0	1	266	445	266	87	36	1	121	465	121	0	82
			2	392	392	139	139		2	341	341	12	12	
23,1	23,5	5,0	1	270	461	270	80	38	1	121	482	121	0	86
			2	405	405	136	136		2	352	352	11	11	
27,6	28,0	7,5	1	281	484	281	78	39	1	133	501	133	0	93
			2	425	425	137	137		2	369	369	15	15	
32,1	32,5	7,5	1	286	503	286	68	41	1	132	523	132	0	100
			2	439	439	132	132		2	383	383	129	129	
36,6	37,0	10,0	1	296	529	296	64	42	1	142	546	142	0	106
			2	461	461	132	132		2	421	421	112	112	
41,1	41,5	12,5	1	307	557	307	57	44	1	150	572	150	0	113
			2	484	484	131	131		2	461	461	93	93	
45,6	46,0	15,0	1	318	587	318	49	45	1	270	613	270	0	119
			2	508	508	128	128		2	505	505	71	71	
50,1	50,5	22,5	1	341	631	341	52	47	1	266	713	266	0	126
			2	546	546	137	137		2	563	563	59	59	
54,6	55,0	37,5	1	383	696	383	71	48	1	295	823	295	0	133
			2	605	605	162	162		2	644	644	62	62	
59,1	59,5	57,5	1	438	777	438	99	50	1	344	944	344	0	139
			2	677	677	198	198		2	742	742	74	74	
63,6	64,0	77,5	1	495	860	495	130	52	1	392	1075	392	0	147
			2	753	753	237	237		2	845	845	85	85	
68,1	68,5	100,0	1	558	952	558	165	54	1	446	1222	446	0	156
			2	837	837	280	280		2	960	960	96	96	
72,6	73,0	122,5	1	624	1048	624	200	56	1	494	1389	494	0	166
			2	924	924	324	324		2	1085	1085	103	103	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.1.1 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





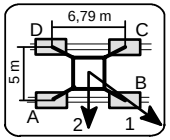
UW 260.1 **Corner distance 5 m x 6,79 m** **Jib length 30 m**

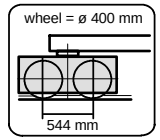
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	65,0	1	397	560	260	97	30	1	296	421	190	65	49
			2	515	515	142	142		2	386	386	100	100	
14,6	15,0	65,0	1	406	578	260	88	32	1	302	432	192	62	53
			2	530	530	136	136		2	396	396	98	98	
19,1	19,5	65,0	1	415	598	260	77	34	1	309	445	195	59	69
			2	547	547	128	128		2	408	408	96	96	
23,6	24,0	65,0	1	425	620	260	64	36	1	317	459	196	54	75
			2	566	566	119	119		2	420	420	93	93	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.1.2 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





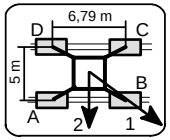
UW 260.1 **Corner distance 5 m x 6,79 m** **Jib length 35 m**

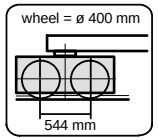
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	57,5	1	383	535	255	103	30	1	277	402	171	46	49
			2	493	493	145	145		2	368	368	81	81	
14,6	15,0	57,5	1	392	554	255	93	32	1	284	414	174	43	54
			2	509	509	138	138		2	378	378	79	79	
19,1	19,5	57,5	1	401	574	255	82	34	1	291	427	176	39	70
			2	526	526	130	130		2	389	389	77	77	
23,6	24,0	57,5	1	411	596	255	70	36	1	298	441	177	34	76
			2	544	544	121	121		2	402	402	74	74	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.1.3 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





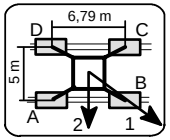
UW 260.1 **Corner distance 5 m x 6,79 m** **Jib length 40 m**

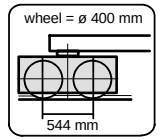
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	50,0	1	370	516	247	101	31	1	280	391	186	75	50
			2	476	476	141	141		2	361	361	106	106	
14,6	15,0	50,0	1	379	535	247	92	32	1	288	406	188	70	54
			2	492	492	135	135		2	373	373	103	103	
19,1	19,5	50,0	1	388	555	247	81	34	1	295	421	189	64	70
			2	509	509	127	127		2	386	386	99	99	
23,6	24,0	50,0	1	398	577	247	68	36	1	303	437	190	57	77
			2	527	527	117	117		2	400	400	94	94	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.1.4 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





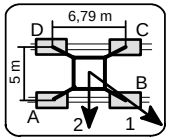
UW 260.1 **Corner distance 5 m x 6,79 m** **Jib length 45 m**

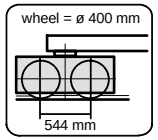
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	50,0	1	383	536	253	99	31	1	298	446	173	25	50
			2	494	494	142	142		2	405	405	66	66	
14,6	15,0	50,0	1	391	555	253	90	33	1	306	461	175	20	55
			2	510	510	135	135		2	418	418	63	63	
19,1	19,5	50,0	1	401	576	253	78	35	1	313	476	176	13	71
			2	527	527	127	127		2	431	431	58	58	
23,6	24,0	50,0	1	411	598	252	65	36	1	319	495	175	8	78
			2	546	546	117	117		2	446	446	53	53	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.1.5 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





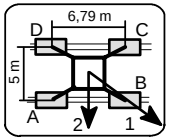
UW 260.1 **Corner distance 5 m x 6,79 m** **Jib length 50 m**

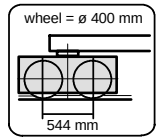
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	55,0	1	399	561	263	101	31	1	318	482	180	16	51
			2	516	516	146	146		2	436	436	61	61	
14,6	15,0	55,0	1	408	580	263	91	33	1	325	496	181	11	56
			2	532	532	139	139		2	449	449	58	58	
19,1	19,5	55,0	1	417	601	263	80	35	1	330	515	179	8	72
			2	550	550	130	130		2	462	462	53	53	
23,6	24,0	55,0	1	427	623	262	66	37	1	330	540	172	8	79
			2	569	569	120	120		2	477	477	48	48	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.1.6 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





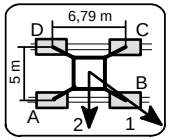
UW 260.1 **Corner distance 5 m x 6,79 m** **Jib length 55 m**

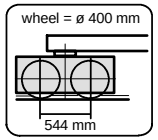
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	60,0	1	423	588	283	117	32	1	314	594	140	8	52
			2	543	543	163	163		2	500	500	28	28	
14,6	15,0	60,0	1	432	608	283	107	34	1	316	614	135	8	56
			2	559	559	156	156		2	513	513	24	24	
19,1	19,5	62,5	1	447	635	289	101	35	1	329	638	142	8	73
			2	583	583	153	153		2	533	533	26	26	
23,6	24,0	65,0	1	464	665	294	93	37	1	342	664	147	8	79
			2	609	609	149	149		2	554	554	26	26	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.1.7 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



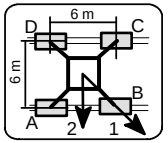


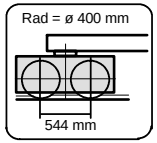
UW 260.1 **Corner distance 5 m x 6,79 m** **Jib length 60 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm					jib position	crane out of service torque moment: 0 kNm				
				corner loads				horizontal force		corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
10,1	10,5	62,5	1	426	583	293	135	32	1	319	616	138	8	52
			2	539	539	179	179		2	515	515	25	25	
14,6	15,0	65,0	1	441	609	299	131	34	1	333	636	146	8	57
			2	562	562	177	177		2	534	534	28	28	
19,1	19,5	67,5	1	456	636	305	125	36	1	346	660	153	8	73
			2	586	586	175	175		2	554	554	29	29	
23,6	24,0	70,0	1	473	666	310	117	37	1	359	686	157	8	80
			2	612	612	171	171		2	576	576	29	29	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.2.1 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



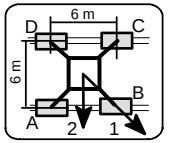


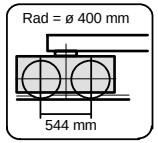
UW 260.1 **Corner distance 6 m x 6 m** **Jib length 30 m**

height under hook		center ballast	jib position	crane in service torque moment: **320** kNm					jib position	crane out of service torque moment: 0 kNm				
				corner loads				horizontal force		corner loads				horizontal force
				A	**B**	**C**	**D**			**A**	**B**	**C**	**D**	
[m]	[m]	[t]		[kN]	[kN]	[kN]	[kN]	[kN]		[kN]	[kN]	[kN]	[kN]	[kN]
10,1	10,5	45,0	1	278	498	278	59	30	1	193	362	193	24	49
			2	434	434	123	123		2	312	312	74	74	
14,6	15,0	45,0	1	283	516	283	50	32	1	197	373	197	22	53
			2	447	447	119	119		2	322	322	73	73	
19,1	19,5	45,0	1	288	535	288	40	34	1	202	385	202	18	69
			2	462	462	113	113		2	332	332	72	72	
23,6	24,0	45,0	1	292	556	292	29	36	1	206	399	206	14	75
			2	478	478	106	106		2	342	342	70	70	
28,1	28,5	45,0	1	297	578	297	15	37	1	211	413	211	9	82
			2	496	496	98	98		2	354	354	68	68	
32,6	33,0	45,0	1	293	611	293	8	39	1	210	434	210	8	88
			2	514	514	88	88		2	366	366	65	65	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.2.2 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





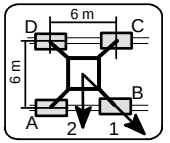
UW 260.1 **Corner distance 6 m x 6 m** **Jib length 35 m**

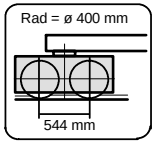
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	37,5	1	269	474	269	64	30	1	171	346	171	8	49
			2	414	414	124	124		2	294	294	55	55	
14,6	15,0	37,5	1	273	492	273	55	32	1	173	360	173	8	54
			2	428	428	119	119		2	303	303	54	54	
19,1	19,5	37,5	1	278	511	278	45	34	1	175	376	175	8	70
			2	443	443	113	113		2	313	313	53	53	
23,6	24,0	37,5	1	283	532	283	33	36	1	175	394	175	8	76
			2	459	459	106	106		2	324	324	51	51	
28,1	28,5	37,5	1	287	555	287	19	38	1	174	414	174	8	83
			2	476	476	98	98		2	336	336	49	49	
32,6	33,0	37,5	1	288	583	288	8	39	1	172	436	172	8	89
			2	495	495	88	88		2	359	359	164	164	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.2.3 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





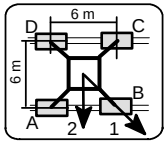
UW 260.1 **Corner distance 6 m x 6 m** **Jib length 40 m**

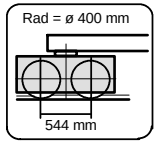
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	32,5	1	265	462	265	68	31	1	146	346	146	8	50
			2	404	404	126	126		2	296	296	83	83	
14,6	15,0	32,5	1	269	480	269	59	32	1	148	361	148	8	54
			2	418	418	121	121		2	307	307	81	81	
19,1	19,5	32,5	1	274	499	274	49	34	1	149	377	149	8	70
			2	433	433	115	115		2	318	318	79	79	
23,6	24,0	32,5	1	279	520	279	37	36	1	149	395	149	8	77
			2	449	449	108	108		2	331	331	75	75	
28,1	28,5	32,5	1	283	543	283	23	38	1	148	415	148	8	83
			2	467	467	99	99		2	344	344	71	71	
32,6	33,0	32,5	1	287	568	287	8	40	1	146	437	146	8	90
			2	486	486	90	90		2	359	359	156	156	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.2.4 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





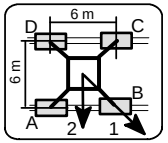
UW 260.1 **Corner distance 6 m x 6 m** **Jib length 45 m**

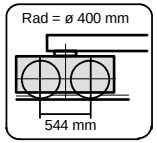
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	30,0	1	268	475	268	61	31	1	163	408	163	8	50
			2	414	414	121	121		2	327	327	44	44	
14,6	15,0	30,0	1	272	493	272	52	33	1	163	426	163	8	55
			2	429	429	116	116		2	338	338	42	42	
19,1	19,5	30,0	1	277	513	277	41	35	1	162	447	162	8	71
			2	444	444	110	110		2	350	350	39	39	
23,6	24,0	30,0	1	282	535	282	29	36	1	159	470	159	8	78
			2	460	460	103	103		2	363	363	36	36	
28,1	28,5	30,0	1	286	558	286	14	38	1	156	496	156	8	84
			2	478	478	94	94		2	376	376	31	31	
32,6	33,0	30,0	1	281	593	281	8	40	1	151	524	151	8	91
			2	498	498	84	84		2	391	391	26	26	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.2.5 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





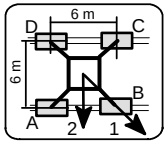
UW 260.1 **Corner distance 6 m x 6 m** **Jib length 50 m**

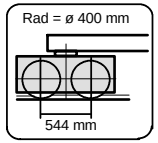
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	32,5	1	275	493	275	57	31	1	157	449	157	8	51
			2	429	429	121	121		2	349	349	36	36	
14,6	15,0	32,5	1	279	511	279	48	33	1	156	468	156	8	56
			2	443	443	115	115		2	360	360	34	34	
19,1	19,5	32,5	1	284	531	284	37	35	1	155	490	155	8	72
			2	459	459	109	109		2	372	372	31	31	
23,6	24,0	32,5	1	288	553	288	24	37	1	152	513	152	8	79
			2	475	475	101	101		2	385	385	28	28	
28,1	28,5	32,5	1	293	577	293	9	38	1	148	539	148	8	85
			2	494	494	92	92		2	399	399	23	23	
32,6	33,0	35,0	1	295	617	295	8	40	1	155	568	155	8	92
			2	519	519	88	88		2	420	420	23	23	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.2.6 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





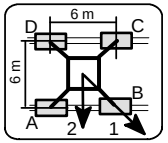
UW 260.1 **Corner distance 6 m x 6 m** **Jib length 55 m**

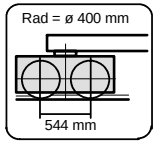
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	42,5	1	309	533	309	85	32	1	154	564	154	8	52
			2	467	467	151	151		2	417	417	23	23	
14,6	15,0	42,5	1	314	551	314	76	34	1	153	584	153	8	56
			2	482	482	145	145		2	428	428	21	21	
19,1	19,5	45,0	1	324	578	324	71	35	1	164	605	164	8	73
			2	504	504	145	145		2	447	447	24	24	
23,6	24,0	47,5	1	335	607	335	64	37	1	173	630	173	8	79
			2	527	527	143	143		2	466	466	26	26	
28,1	28,5	50,0	1	346	637	346	55	39	1	181	657	181	8	86
			2	552	552	140	140		2	487	487	27	27	
32,6	33,0	52,5	1	357	670	357	44	41	1	188	688	188	8	93
			2	578	578	135	135		2	508	508	27	27	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.2.7 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





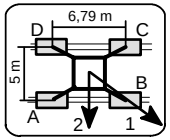
UW 260.1 **Corner distance 6 m x 6 m** **Jib length 60 m**

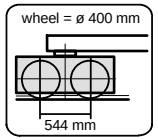
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	45,0	1	315	528	315	103	32	1	156	585	156	8	52
			2	466	466	165	165		2	430	430	22	22	
14,6	15,0	47,5	1	326	553	326	99	34	1	168	604	168	8	57
			2	486	486	166	166		2	448	448	26	26	
19,1	19,5	47,5	1	331	573	331	88	36	1	166	627	166	8	73
			2	502	502	159	159		2	460	460	23	23	
23,6	24,0	50,0	1	341	602	341	81	37	1	175	651	175	8	80
			2	525	525	157	157		2	480	480	25	25	
28,1	28,5	52,5	1	352	632	352	72	39	1	183	679	183	8	87
			2	550	550	154	154		2	501	501	26	26	
32,6	33,0	55,0	1	363	665	363	61	41	1	189	710	189	8	93
			2	576	576	150	150		2	522	522	26	26	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.3.1 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



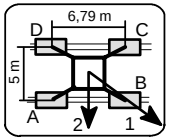


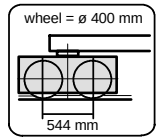
UW 260.2 **Corner distance 5 m x 6,79 m** **Jib length 30 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	62,5	1	397	560	260	97	31	1	296	421	190	65	49
			2	515	515	142	142		2	386	386	100	100	
14,6	15,0	62,5	1	406	578	260	88	32	1	302	433	193	63	53
			2	531	531	136	136		2	397	397	99	99	
19,1	19,5	62,5	1	415	598	260	77	34	1	310	445	195	59	69
			2	548	548	128	128		2	408	408	96	96	
23,6	24,0	62,5	1	425	620	260	65	36	1	317	459	197	54	75
			2	566	566	119	119		2	420	420	93	93	
28,1	28,5	62,5	1	435	644	259	50	38	1	324	474	198	48	82
			2	586	586	108	108		2	433	433	90	90	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.3.2 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



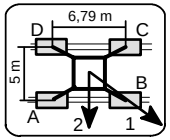


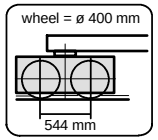
UW 260.2 **Corner distance 5 m x 6,79 m** **Jib length 35 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	55,0	1	383	536	255	103	31	1	277	402	171	46	49
			2	493	493	145	145		2	368	368	81	81	
14,6	15,0	55,0	1	392	554	255	93	33	1	284	414	174	43	54
			2	509	509	138	138		2	378	378	79	79	
19,1	19,5	55,0	1	401	574	255	82	34	1	291	427	176	39	70
			2	526	526	130	130		2	390	390	77	77	
23,6	24,0	55,0	1	411	596	255	70	36	1	298	441	178	35	76
			2	545	545	121	121		2	402	402	74	74	
28,1	28,5	55,0	1	421	620	254	55	38	1	306	456	179	29	83
			2	565	565	110	110		2	415	415	70	70	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.3.3 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





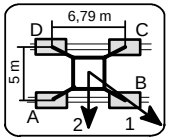
UW 260.2 **Corner distance 5 m x 6,79 m** **Jib length 40 m**

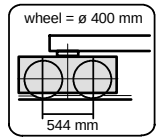
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	47,5	1	371	517	247	101	31	1	280	392	186	75	50
			2	476	476	142	142		2	361	361	106	106	
14,6	15,0	47,5	1	379	535	248	92	33	1	288	406	188	70	54
			2	492	492	135	135		2	373	373	103	103	
19,1	19,5	47,5	1	388	555	248	81	35	1	295	421	190	64	70
			2	509	509	127	127		2	386	386	99	99	
23,6	24,0	47,5	1	398	577	247	68	36	1	303	437	191	57	77
			2	528	528	117	117		2	400	400	94	94	
28,1	28,5	47,5	1	408	601	246	53	38	1	312	455	191	48	83
			2	548	548	107	107		2	415	415	88	88	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.3.4 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





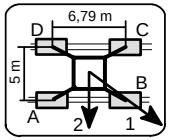
UW 260.2 **Corner distance 5 m x 6,79 m** **Jib length 45 m**

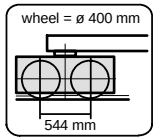
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	47,5	1	383	537	253	100	31	1	298	447	173	25	50
			2	494	494	142	142		2	406	406	66	66	
14,6	15,0	47,5	1	392	555	254	90	33	1	306	461	175	20	55
			2	510	510	135	135		2	418	418	63	63	
19,1	19,5	47,5	1	401	576	253	78	35	1	314	476	176	13	71
			2	528	528	127	127		2	431	431	58	58	
23,6	24,0	47,5	1	411	598	253	65	37	1	320	495	175	8	78
			2	546	546	117	117		2	446	446	53	53	
28,1	28,5	47,5	1	421	623	251	50	39	1	319	522	167	8	84
			2	567	567	106	106		2	461	461	47	47	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.3.5 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



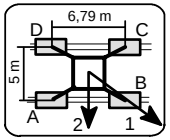


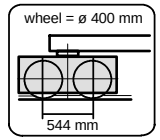
UW 260.2 **Corner distance 5 m x 6,79 m** **Jib length 50 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	50,0	1	393	555	257	95	32	1	312	475	174	10	51
			2	510	510	140	140		2	430	430	55	55	
14,6	15,0	50,0	1	402	574	257	85	33	1	316	493	172	8	56
			2	526	526	133	133		2	443	443	52	52	
19,1	19,5	50,0	1	411	595	257	74	35	1	317	515	167	8	72
			2	544	544	124	124		2	456	456	47	47	
23,6	24,0	50,0	1	421	617	256	60	37	1	318	540	160	8	79
			2	563	563	114	114		2	471	471	42	42	
28,1	28,5	50,0	1	432	642	255	44	39	1	317	568	151	8	85
			2	584	584	103	103		2	487	487	35	35	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.6. **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



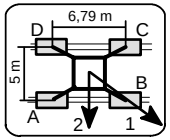


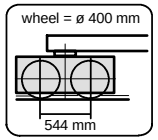
UW 260.2 **Corner distance 5 m x 6,79 m** **Jib length 55 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	57,5	1	423	589	283	117	32	1	314	594	140	8	52
			2	543	543	163	163		2	500	500	28	28	
14,6	15,0	57,5	1	432	608	283	107	34	1	316	614	136	8	56
			2	559	559	156	156		2	513	513	24	24	
19,1	19,5	60,0	1	448	636	289	101	36	1	329	638	142	8	73
			2	584	584	153	153		2	533	533	26	26	
23,6	24,0	62,5	1	464	665	294	93	38	1	342	664	147	8	79
			2	610	610	149	149		2	554	554	26	26	
28,1	28,5	67,5	1	487	703	305	89	39	1	366	692	163	8	86
			2	643	643	149	149		2	583	583	32	32	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.3.6 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





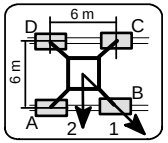
UW 260.2 **Corner distance 5 m x 6,79 m** **Jib length 60 m**

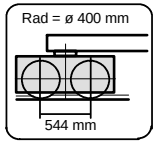
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	60,0	1	426	583	293	135	32	1	319	616	139	8	52
			2	540	540	179	179		2	515	515	25	25	
14,6	15,0	62,5	1	441	609	299	131	34	1	333	636	147	8	57
			2	562	562	178	178		2	534	534	28	28	
19,1	19,5	65,0	1	457	637	305	125	36	1	347	660	153	8	73
			2	587	587	175	175		2	554	554	29	29	
23,6	24,0	67,5	1	473	666	310	117	38	1	359	686	158	8	80
			2	613	613	171	171		2	576	576	30	30	
28,1	28,5	70,0	1	490	697	315	107	39	1	370	715	160	8	87
			2	640	640	165	165		2	598	598	29	29	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.4.1 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





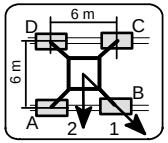
UW 260.2 **Corner distance 6 m x 6 m** **Jib length 30 m**

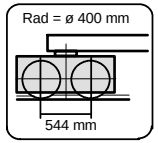
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	42,5	1	279	498	279	59	31	1	193	362	193	24	49
			2	434	434	123	123		2	312	312	74	74	
14,6	15,0	42,5	1	283	516	283	51	32	1	198	373	198	22	53
			2	448	448	119	119		2	322	322	73	73	
19,1	19,5	42,5	1	288	535	288	40	34	1	202	386	202	19	69
			2	463	463	113	113		2	332	332	72	72	
23,6	24,0	42,5	1	292	556	292	29	36	1	207	399	207	14	75
			2	479	479	106	106		2	343	343	71	71	
28,1	28,5	42,5	1	297	578	297	15	38	1	211	413	211	9	82
			2	496	496	98	98		2	354	354	68	68	
32,6	33,0	42,5	1	294	611	294	8	40	1	211	434	211	8	88
			2	515	515	88	88		2	367	367	65	65	
37,1	37,5	42,5	1	281	655	281	8	41	1	208	458	208	8	95
			2	535	535	77	77		2	404	404	148	148	
41,6	42,0	50,0	1	303	704	303	8	43	1	299	533	299	66	102
			2	575	575	83	83		2	465	465	134	134	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.4.2 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





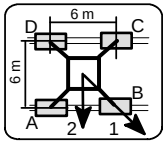
UW 260.2 **Corner distance 6 m x 6 m** **Jib length 35 m**

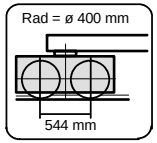
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	35,0	1	269	475	269	64	31	1	172	346	172	8	49
			2	414	414	124	124		2	294	294	55	55	
14,6	15,0	35,0	1	274	492	274	55	33	1	174	360	174	8	54
			2	428	428	119	119		2	303	303	54	54	
19,1	19,5	35,0	1	278	512	278	45	34	1	175	376	175	8	70
			2	443	443	113	113		2	314	314	53	53	
23,6	24,0	35,0	1	283	532	283	33	36	1	175	394	175	8	76
			2	459	459	106	106		2	324	324	51	51	
28,1	28,5	35,0	1	287	555	287	20	38	1	174	414	174	8	83
			2	477	477	98	98		2	336	336	49	49	
32,6	33,0	35,0	1	288	584	288	8	40	1	172	436	172	8	89
			2	495	495	88	88		2	360	360	164	164	
37,1	37,5	35,0	1	275	628	275	8	42	1	169	460	169	8	96
			2	516	516	77	77		2	399	399	134	134	
41,6	42,0	47,5	1	322	677	322	8	43	1	302	543	302	61	103
			2	569	569	95	95		2	473	473	132	132	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.4.3 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





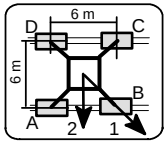
UW 260.2 **Corner distance 6 m x 6 m** **Jib length 40 m**

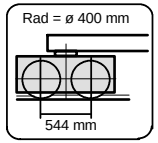
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	30,0	1	265	462	265	68	31	1	146	346	146	8	50
			2	405	405	126	126		2	296	296	83	83	
14,6	15,0	30,0	1	270	480	270	59	33	1	149	361	149	8	54
			2	418	418	121	121		2	307	307	82	82	
19,1	19,5	30,0	1	274	499	274	49	35	1	150	377	150	8	70
			2	433	433	115	115		2	318	318	79	79	
23,6	24,0	30,0	1	279	520	279	37	36	1	150	395	150	8	77
			2	450	450	108	108		2	331	331	76	76	
28,1	28,5	30,0	1	283	543	283	23	38	1	149	415	149	8	83
			2	467	467	100	100		2	344	344	71	71	
32,6	33,0	30,0	1	288	568	288	8	40	1	147	437	147	8	90
			2	486	486	90	90		2	359	359	156	156	
37,1	37,5	32,5	1	287	613	287	8	42	1	269	462	269	75	97
			2	513	513	85	85		2	405	405	132	132	
41,6	42,0	45,0	1	334	663	334	8	43	1	304	552	304	57	103
			2	566	566	103	103		2	480	480	129	129	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.4.4 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





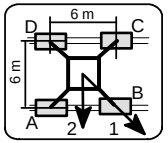
UW 260.2 **Corner distance 6 m x 6 m** **Jib length 45 m**

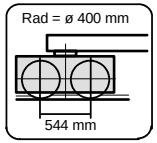
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	27,5	1	268	475	268	61	31	1	164	408	164	8	50
			2	415	415	121	121		2	327	327	44	44	
14,6	15,0	27,5	1	273	494	273	52	33	1	164	426	164	8	55
			2	429	429	116	116		2	338	338	42	42	
19,1	19,5	27,5	1	277	513	277	41	35	1	162	447	162	8	71
			2	444	444	110	110		2	350	350	40	40	
23,6	24,0	27,5	1	282	535	282	29	37	1	160	470	160	8	78
			2	461	461	103	103		2	363	363	36	36	
28,1	28,5	27,5	1	286	558	286	14	39	1	156	496	156	8	84
			2	479	479	94	94		2	377	377	31	31	
32,6	33,0	27,5	1	281	594	281	8	40	1	151	524	151	8	91
			2	498	498	84	84		2	391	391	26	26	
37,1	37,5	27,5	1	267	640	267	8	42	1	145	555	145	8	97
			2	519	519	72	72		2	419	419	112	112	
41,6	42,0	37,5	1	300	692	300	8	44	1	187	590	187	8	104
			2	567	567	83	83		2	488	488	102	102	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.4.5 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





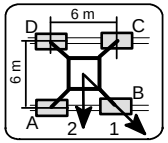
UW 260.2 **Corner distance 6 m x 6 m** **Jib length 50 m**

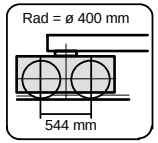
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	30,0	1	275	493	275	57	32	1	157	449	157	8	51
			2	429	429	121	121		2	349	349	37	37	
14,6	15,0	30,0	1	280	511	280	48	33	1	157	468	157	8	56
			2	444	444	116	116		2	360	360	34	34	
19,1	19,5	30,0	1	284	531	284	37	35	1	155	490	155	8	72
			2	459	459	109	109		2	372	372	32	32	
23,6	24,0	30,0	1	289	553	289	24	37	1	152	513	152	8	79
			2	476	476	102	102		2	385	385	28	28	
28,1	28,5	30,0	1	293	577	293	10	39	1	148	539	148	8	85
			2	494	494	93	93		2	399	399	23	23	
32,6	33,0	32,5	1	295	618	295	8	41	1	156	568	156	8	92
			2	520	520	88	88		2	420	420	24	24	
37,1	37,5	35,0	1	293	665	293	8	42	1	161	600	161	8	98
			2	547	547	82	82		2	458	458	112	112	
41,6	42,0	37,5	1	289	718	289	8	44	1	165	635	165	8	105
			2	577	577	75	75		2	509	509	83	83	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.4.6 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



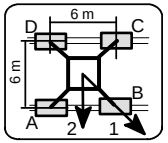


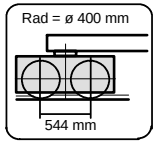
UW 260.2 **Corner distance 6 m x 6 m** **Jib length 55 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	40,0	1	309	533	309	85	32	1	155	564	155	8	52
			2	467	467	151	151		2	417	417	24	24	
14,6	15,0	40,0	1	314	552	314	76	34	1	154	584	154	8	56
			2	482	482	146	146		2	428	428	21	21	
19,1	19,5	42,5	1	325	578	325	71	36	1	165	605	165	8	73
			2	504	504	145	145		2	447	447	24	24	
23,6	24,0	45,0	1	335	607	335	64	38	1	174	630	174	8	79
			2	527	527	143	143		2	466	466	26	26	
28,1	28,5	47,5	1	346	637	346	55	39	1	182	657	182	8	86
			2	552	552	140	140		2	487	487	27	27	
32,6	33,0	50,0	1	357	670	357	44	41	1	188	688	188	8	93
			2	578	578	135	135		2	508	508	28	28	
37,1	37,5	52,5	1	368	706	368	30	43	1	193	721	193	8	99
			2	607	607	129	129		2	533	533	143	143	
41,6	42,0	57,5	1	385	750	385	20	45	1	209	758	209	8	106
			2	643	643	127	127		2	591	591	118	118	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.4.7 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



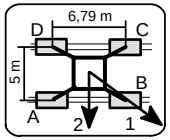


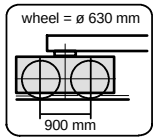
UW 260.2 **Corner distance 6 m x 6 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	42,5	1	316	528	316	103	32	1	157	585	157	8	52
			2	466	466	165	165		2	430	430	23	23	
14,6	15,0	45,0	1	326	553	326	100	34	1	169	604	169	8	57
			2	487	487	166	166		2	448	448	26	26	
19,1	19,5	45,0	1	331	573	331	88	36	1	167	627	167	8	73
			2	502	502	159	159		2	461	461	23	23	
23,6	24,0	47,5	1	342	602	342	81	38	1	176	651	176	8	80
			2	526	526	158	158		2	480	480	25	25	
28,1	28,5	50,0	1	352	632	352	72	39	1	183	679	183	8	87
			2	550	550	154	154		2	501	501	26	26	
32,6	33,0	52,5	1	363	665	363	61	41	1	190	710	190	8	93
			2	577	577	150	150		2	522	522	26	26	
37,1	37,5	55,0	1	374	700	374	48	43	1	194	744	194	8	100
			2	605	605	143	143		2	554	554	134	134	
41,6	42,0	60,0	1	391	744	391	38	45	1	210	781	210	8	106
			2	641	641	141	141		2	613	613	109	109	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.5.1 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





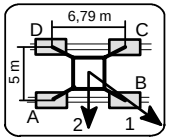
UW 260.3 **Corner distance 5 m x 6,79 m** **Jib length 30 m**

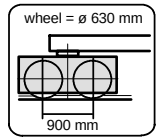
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	62,5	1	405	568	268	105	31	1	304	429	198	73	49
			2	523	523	150	150		2	394	394	108	108	
14,6	15,0	62,5	1	414	586	268	96	32	1	310	440	200	70	53
			2	538	538	144	144		2	404	404	106	106	
19,1	19,5	62,5	1	423	606	268	85	34	1	317	453	202	67	69
			2	555	555	136	136		2	416	416	104	104	
23,6	24,0	62,5	1	433	628	268	72	36	1	325	467	204	62	75
			2	574	574	126	126		2	428	428	101	101	
28,1	28,5	62,5	1	443	651	267	58	38	1	332	482	206	56	82
			2	594	594	116	116		2	441	441	97	97	
32,6	33,0	62,5	1	454	677	265	41	40	1	340	498	207	49	88
			2	615	615	103	103		2	454	454	93	93	
37,1	37,5	62,5	1	465	705	262	23	41	1	390	524	277	143	95
			2	638	638	89	89		2	487	487	180	180	
41,6	42,0	72,5	1	502	760	284	26	43	1	436	610	290	117	102
			2	689	689	98	98		2	562	562	165	165	
46,1	46,5	87,5	1	553	831	318	40	45	1	497	713	314	98	108
			2	754	754	117	117		2	653	653	158	158	
50,6	51,0	105,0	1	610	910	357	57	47	1	565	828	343	80	115
			2	827	827	140	140		2	755	755	152	152	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.5.2 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





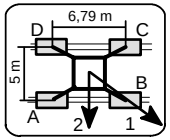
UW 260.3 **Corner distance 5 m x 6,79 m** **Jib length 35 m**

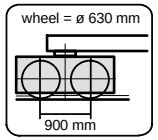
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	55,0	1	391	543	263	110	31	1	285	410	179	54	49
			2	501	501	153	153		2	375	375	89	89	
14,6	15,0	55,0	1	400	562	263	101	33	1	292	422	182	51	54
			2	517	517	146	146		2	386	386	87	87	
19,1	19,5	55,0	1	409	582	263	90	34	1	299	435	184	47	70
			2	534	534	138	138		2	397	397	85	85	
23,6	24,0	55,0	1	419	604	262	77	36	1	306	449	185	42	76
			2	552	552	129	129		2	409	409	82	82	
28,1	28,5	55,0	1	429	627	261	63	38	1	314	464	187	36	83
			2	572	572	118	118		2	423	423	78	78	
32,6	33,0	55,0	1	440	653	260	46	40	1	322	480	188	29	89
			2	594	594	105	105		2	437	437	202	202	
37,1	37,5	55,0	1	451	681	257	27	42	1	383	522	266	127	96
			2	617	617	91	91		2	483	483	165	165	
41,6	42,0	70,0	1	501	749	292	43	43	1	442	620	291	112	103
			2	680	680	112	112		2	571	571	162	162	
46,1	46,5	85,0	1	552	820	325	57	45	1	502	724	314	92	109
			2	746	746	131	131		2	663	663	154	154	
50,6	51,0	102,5	1	609	900	364	73	47	1	571	841	343	72	116
			2	820	820	154	154		2	766	766	147	147	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.5.3 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



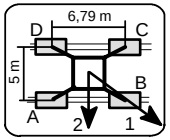


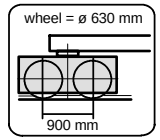
UW 260.3 **Corner distance 5 m x 6,79 m** **Jib length 40 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	47,5	1	378	524	255	109	31	1	288	399	194	83	50
			2	484	484	149	149		2	369	369	114	114	
14,6	15,0	47,5	1	387	543	255	99	33	1	295	413	196	78	54
			2	500	500	143	143		2	381	381	111	111	
19,1	19,5	47,5	1	396	563	255	88	35	1	303	429	197	72	70
			2	517	517	135	135		2	394	394	107	107	
23,6	24,0	47,5	1	406	585	255	76	36	1	311	445	198	65	77
			2	535	535	125	125		2	408	408	102	102	
28,1	28,5	47,5	1	416	609	254	61	38	1	320	463	199	56	83
			2	555	555	114	114		2	423	423	96	96	
32,6	33,0	47,5	1	427	635	252	44	40	1	328	481	199	46	90
			2	577	577	102	102		2	439	439	89	89	
37,1	37,5	52,5	1	451	675	262	37	42	1	387	530	266	123	97
			2	613	613	100	100		2	490	490	162	162	
41,6	42,0	67,5	1	501	744	296	53	43	1	446	630	291	107	103
			2	676	676	121	121		2	579	579	158	158	
46,1	46,5	82,5	1	552	815	329	66	45	1	507	735	314	86	110
			2	742	742	139	139		2	672	672	150	150	
50,6	51,0	100,0	1	610	896	368	82	47	1	576	852	342	66	116
			2	816	816	161	161		2	775	775	142	142	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.5.4 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



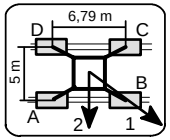


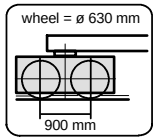
UW 260.3 **Corner distance 5 m x 6,79 m** **Jib length 45 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	47,5	1	391	544	261	107	31	1	306	454	181	33	50
			2	502	502	150	150		2	413	413	74	74	
14,6	15,0	47,5	1	399	563	261	98	33	1	314	469	183	28	55
			2	518	518	143	143		2	426	426	71	71	
19,1	19,5	47,5	1	409	584	261	86	35	1	321	484	184	21	71
			2	535	535	135	135		2	439	439	66	66	
23,6	24,0	47,5	1	419	606	260	73	37	1	328	503	183	16	78
			2	554	554	125	125		2	454	454	61	61	
28,1	28,5	47,5	1	429	631	259	57	39	1	327	530	174	16	84
			2	575	575	113	113		2	469	469	55	55	
32,6	33,0	47,5	1	440	657	257	40	40	1	326	560	164	16	91
			2	597	597	100	100		2	486	486	47	47	
37,1	37,5	47,5	1	452	686	254	20	42	1	323	593	152	16	97
			2	621	621	85	85		2	507	507	139	139	
41,6	42,0	60,0	1	496	749	282	28	44	1	444	646	274	72	104
			2	679	679	99	99		2	590	590	128	128	
46,1	46,5	75,0	1	547	822	315	40	46	1	505	753	297	49	111
			2	746	746	116	116		2	684	684	118	118	
50,6	51,0	92,5	1	605	904	353	55	48	1	575	872	324	27	117
			2	821	821	137	137		2	789	789	109	109	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.														

3.4.5.5 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





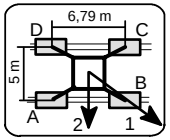
UW 260.3 **Corner distance 5 m x 6,79 m** **Jib length 50 m**

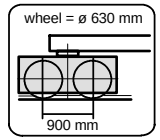
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	50,0	1	401	563	265	103	32	1	320	483	181	18	51
			2	518	518	148	148		2	438	438	63	63	
14,6	15,0	50,0	1	410	582	265	93	33	1	324	501	180	16	56
			2	534	534	141	141		2	450	450	60	60	
19,1	19,5	50,0	1	419	602	265	81	35	1	325	523	175	16	72
			2	552	552	132	132		2	464	464	55	55	
23,6	24,0	50,0	1	429	625	264	68	37	1	326	548	167	16	79
			2	571	571	122	122		2	479	479	50	50	
28,1	28,5	50,0	1	440	650	262	52	39	1	325	576	159	16	85
			2	592	592	110	110		2	494	494	43	43	
32,6	33,0	50,0	1	451	677	260	34	41	1	323	606	148	16	92
			2	614	614	97	97		2	511	511	35	35	
37,1	37,5	52,5	1	469	713	264	20	42	1	333	640	148	16	98
			2	645	645	87	87		2	544	544	129	129	
41,6	42,0	57,5	1	488	764	266	16	44	1	354	676	158	16	105
			2	685	685	82	82		2	609	609	98	98	
46,1	46,5	75,0	1	552	837	311	27	46	1	515	785	288	19	111
			2	758	758	106	106		2	710	710	93	93	
50,6	51,0	102,5	1	635	944	375	66	48	1	610	930	340	20	118
			2	859	859	151	151		2	841	841	109	109	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.5.6 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





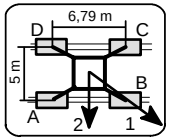
UW 260.3 **Corner distance 5 m x 6,79 m** **Jib length 55 m**

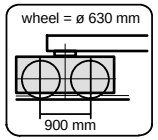
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	57,5	1	431	597	291	125	32	1	322	602	148	16	52
			2	551	551	171	171		2	508	508	36	36	
14,6	15,0	57,5	1	440	616	291	115	34	1	324	622	144	16	56
			2	567	567	163	163		2	521	521	32	32	
19,1	19,5	60,0	1	455	644	297	109	36	1	337	645	150	16	73
			2	591	591	161	161		2	541	541	33	33	
23,6	24,0	62,5	1	472	673	302	101	38	1	350	671	155	16	79
			2	617	617	156	156		2	562	562	34	34	
28,1	28,5	67,5	1	495	711	313	97	39	1	374	700	170	16	86
			2	651	651	157	157		2	591	591	39	39	
32,6	33,0	70,0	1	513	745	317	85	41	1	384	732	171	16	93
			2	681	681	149	149		2	614	614	37	37	
37,1	37,5	75,0	1	537	788	326	76	43	1	406	767	183	16	99
			2	718	718	145	145		2	645	645	40	40	
41,6	42,0	80,0	1	563	833	335	64	45	1	426	806	191	16	106
			2	759	759	139	139		2	702	702	135	135	
46,1	46,5	85,0	1	590	883	342	49	47	1	560	856	311	16	112
			2	801	801	130	130		2	774	774	98	98	
50,6	51,0	110,0	1	667	986	399	80	48	1	643	1004	350	16	119
			2	897	897	168	168		2	901	901	105	105	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.5.7 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





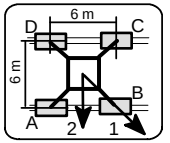
UW 260.3 **Corner distance 5 m x 6,79 m** **Jib length 60 m**

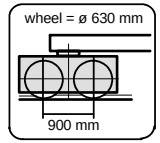
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	60,0	1	434	591	300	143	32	1	327	623	146	16	52
			2	547	547	187	187		2	523	523	33	33	
14,6	15,0	62,5	1	449	617	307	139	34	1	341	644	154	16	57
			2	570	570	185	185		2	542	542	36	36	
19,1	19,5	65,0	1	464	644	313	133	36	1	354	668	161	16	73
			2	594	594	183	183		2	562	562	37	37	
23,6	24,0	67,5	1	481	674	318	125	38	1	367	694	165	16	80
			2	620	620	179	179		2	584	584	37	37	
28,1	28,5	70,0	1	498	705	323	115	39	1	378	723	168	16	87
			2	648	648	173	173		2	606	606	36	36	
32,6	33,0	75,0	1	522	745	333	109	41	1	401	755	181	16	93
			2	683	683	171	171		2	636	636	40	40	
37,1	37,5	80,0	1	546	788	342	101	43	1	422	791	192	16	100
			2	721	721	168	168		2	668	668	43	43	
41,6	42,0	85,0	1	572	834	351	89	45	1	443	830	201	16	106
			2	761	761	162	162		2	734	734	129	129	
46,1	46,5	92,5	1	605	889	365	81	47	1	582	903	318	16	113
			2	810	810	159	159		2	812	812	97	97	
50,6	51,0	120,0	1	688	997	427	118	48	1	675	1054	367	16	120
			2	912	912	204	204		2	946	946	110	110	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.6.1 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





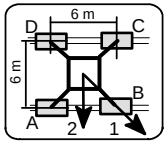
UW 260.3 **Corner distance 6 m x 6 m** **Jib length 30 m**

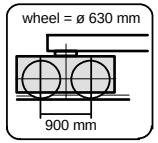
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	42,5	1	286	506	286	67	31	1	201	369	201	32	49
			2	442	442	131	131		2	320	320	81	81	
14,6	15,0	42,5	1	291	524	291	58	32	1	205	381	205	30	53
			2	456	456	126	126		2	329	329	81	81	
19,1	19,5	42,5	1	296	543	296	48	34	1	210	393	210	26	69
			2	470	470	121	121		2	340	340	80	80	
23,6	24,0	42,5	1	300	564	300	37	36	1	214	407	214	22	75
			2	486	486	114	114		2	350	350	78	78	
28,1	28,5	42,5	1	305	586	305	23	38	1	219	421	219	17	82
			2	504	504	105	105		2	362	362	76	76	
32,6	33,0	42,5	1	301	619	301	16	40	1	218	442	218	16	88
			2	522	522	96	96		2	374	374	73	73	
37,1	37,5	42,5	1	288	663	288	16	41	1	215	466	215	16	95
			2	543	543	85	85		2	412	412	156	156	
41,6	42,0	50,0	1	310	712	310	16	43	1	307	541	307	73	102
			2	583	583	91	91		2	472	472	142	142	
46,1	46,5	62,5	1	355	766	355	16	45	1	343	635	343	51	108
			2	638	638	108	108		2	549	549	137	137	
50,6	51,0	75,0	1	397	826	397	16	47	1	379	734	379	24	115
			2	695	695	122	122		2	630	630	128	128	
55,1	55,5	87,5	1	449	881	449	18	50	1	401	860	401	16	124
			2	755	755	144	144		2	718	718	121	121	
59,6	60,0	102,5	1	494	958	494	30	52	1	416	1008	416	16	132
			2	822	822	166	166		2	815	815	113	113	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.6.2 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





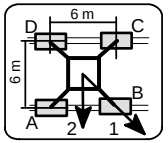
UW 260.3 **Corner distance 6 m x 6 m** **Jib length 35 m**

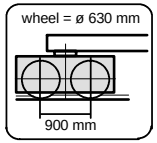
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	35,0	1	277	482	277	71	31	1	179	354	179	16	49
			2	422	422	132	132		2	302	302	62	62	
14,6	15,0	35,0	1	281	500	281	63	33	1	182	368	182	16	54
			2	436	436	127	127		2	311	311	62	62	
19,1	19,5	35,0	1	286	519	286	53	34	1	183	384	183	16	70
			2	451	451	121	121		2	321	321	61	61	
23,6	24,0	35,0	1	291	540	291	41	36	1	183	402	183	16	76
			2	467	467	114	114		2	332	332	59	59	
28,1	28,5	35,0	1	295	563	295	27	38	1	182	422	182	16	83
			2	484	484	106	106		2	344	344	57	57	
32,6	33,0	35,0	1	296	591	296	16	40	1	180	444	180	16	89
			2	503	503	96	96		2	367	367	172	172	
37,1	37,5	35,0	1	283	636	283	16	42	1	177	468	177	16	96
			2	524	524	85	85		2	407	407	142	142	
41,6	42,0	47,5	1	330	685	330	16	43	1	310	551	310	69	103
			2	577	577	103	103		2	480	480	139	139	
46,1	46,5	60,0	1	374	740	374	16	45	1	346	646	346	46	109
			2	632	632	120	120		2	558	558	134	134	
50,6	51,0	72,5	1	412	804	412	19	47	1	382	746	382	17	116
			2	689	689	134	134		2	639	639	124	124	
55,1	55,5	85,0	1	452	872	452	33	50	1	397	881	397	16	125
			2	749	749	156	156		2	728	728	117	117	
59,6	60,0	102,5	1	503	955	503	51	52	1	423	1032	423	16	133
			2	823	823	184	184		2	833	833	114	114	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.6.3 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





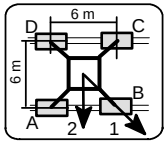
UW 260.3 **Corner distance 6 m x 6 m** **Jib length 40 m**

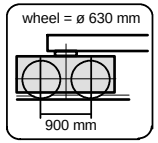
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	30,0	1	273	470	273	76	31	1	154	354	154	16	50
			2	412	412	133	133		2	304	304	91	91	
14,6	15,0	30,0	1	277	488	277	67	33	1	156	368	156	16	54
			2	426	426	129	129		2	315	315	89	89	
19,1	19,5	30,0	1	282	507	282	57	35	1	157	384	157	16	70
			2	441	441	123	123		2	326	326	87	87	
23,6	24,0	30,0	1	287	528	287	45	36	1	157	402	157	16	77
			2	457	457	116	116		2	339	339	83	83	
28,1	28,5	30,0	1	291	551	291	31	38	1	156	423	156	16	83
			2	475	475	107	107		2	352	352	79	79	
32,6	33,0	30,0	1	296	576	296	16	40	1	154	445	154	16	90
			2	494	494	97	97		2	367	367	164	164	
37,1	37,5	32,5	1	295	621	295	16	42	1	276	470	276	83	97
			2	520	520	92	92		2	413	413	140	140	
41,6	42,0	45,0	1	341	671	341	16	43	1	312	560	312	64	103
			2	574	574	111	111		2	487	487	137	137	
46,1	46,5	57,5	1	378	733	378	23	45	1	348	656	348	40	110
			2	629	629	127	127		2	566	566	131	131	
50,6	51,0	72,5	1	420	806	420	34	47	1	390	763	390	17	116
			2	693	693	147	147		2	654	654	126	126	
55,1	55,5	82,5	1	455	868	455	42	50	1	392	899	392	16	126
			2	747	747	163	163		2	737	737	112	112	
59,6	60,0	100,0	1	506	952	506	59	53	1	417	1053	417	16	133
			2	821	821	190	190		2	842	842	109	109	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.6.4 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





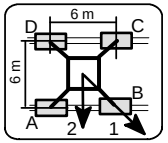
UW 260.3 **Corner distance 6 m x 6 m** **Jib length 45 m**

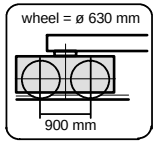
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	27,5	1	276	483	276	68	31	1	172	416	172	16	50
			2	422	422	129	129		2	335	335	52	52	
14,6	15,0	27,5	1	280	501	280	59	33	1	171	434	171	16	55
			2	437	437	124	124		2	346	346	50	50	
19,1	19,5	27,5	1	285	521	285	49	35	1	170	455	170	16	71
			2	452	452	118	118		2	358	358	47	47	
23,6	24,0	27,5	1	289	543	289	36	37	1	168	478	168	16	78
			2	468	468	111	111		2	371	371	44	44	
28,1	28,5	27,5	1	294	566	294	22	39	1	164	504	164	16	84
			2	486	486	102	102		2	384	384	39	39	
32,6	33,0	27,5	1	289	601	289	16	40	1	159	532	159	16	91
			2	506	506	91	91		2	399	399	34	34	
37,1	37,5	27,5	1	275	648	275	16	42	1	152	563	152	16	97
			2	527	527	80	80		2	426	426	120	120	
41,6	42,0	37,5	1	308	700	308	16	44	1	194	597	194	16	104
			2	575	575	91	91		2	495	495	110	110	
46,1	46,5	50,0	1	351	757	351	16	46	1	328	683	328	16	111
			2	631	631	106	106		2	574	574	103	103	
50,6	51,0	65,0	1	403	821	403	16	48	1	345	817	345	16	117
			2	695	695	126	126		2	664	664	97	97	
55,1	55,5	82,5	1	464	894	464	33	51	1	382	957	382	16	126
			2	768	768	159	159		2	767	767	101	101	
59,6	60,0	105,0	1	527	992	527	62	53	1	430	1114	430	16	134
			2	856	856	198	198		2	885	885	109	109	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.6.5 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





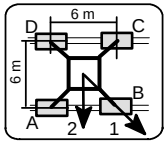
UW 260.3 **Corner distance 6 m x 6 m** **Jib length 50 m**

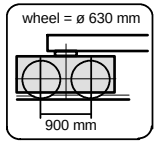
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	30,0	1	283	501	283	65	32	1	165	457	165	16	51
			2	437	437	129	129		2	357	357	44	44	
14,6	15,0	30,0	1	287	519	287	55	33	1	164	476	164	16	56
			2	451	451	123	123		2	368	368	42	42	
19,1	19,5	30,0	1	292	539	292	45	35	1	163	497	163	16	72
			2	467	467	117	117		2	380	380	39	39	
23,6	24,0	30,0	1	296	561	296	32	37	1	160	521	160	16	79
			2	483	483	109	109		2	393	393	35	35	
28,1	28,5	30,0	1	301	585	301	17	39	1	156	547	156	16	85
			2	502	502	100	100		2	407	407	31	31	
32,6	33,0	32,5	1	303	625	303	16	41	1	163	576	163	16	92
			2	527	527	96	96		2	428	428	31	31	
37,1	37,5	35,0	1	301	673	301	16	42	1	169	608	169	16	98
			2	555	555	90	90		2	465	465	120	120	
41,6	42,0	37,5	1	296	725	296	16	44	1	173	643	173	16	105
			2	584	584	82	82		2	516	516	90	90	
46,1	46,5	50,0	1	339	784	339	16	46	1	299	742	299	16	111
			2	641	641	97	97		2	596	596	82	82	
50,6	51,0	70,0	1	415	850	415	16	48	1	340	879	340	16	118
			2	719	719	129	129		2	699	699	88	88	
55,1	55,5	90,0	1	483	928	483	38	51	1	389	1020	389	16	127
			2	798	798	169	169		2	809	809	98	98	
59,6	60,0	115,0	1	553	1033	553	73	53	1	448	1179	448	16	135
			2	892	892	213	213		2	934	934	111	111	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.6.6 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





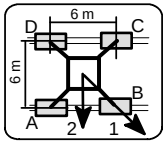
UW 260.3 **Corner distance 6 m x 6 m** **Jib length 55 m**

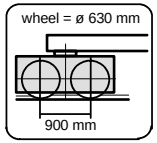
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	40,0	1	317	541	317	93	32	1	162	572	162	16	52
			2	475	475	159	159		2	425	425	31	31	
14,6	15,0	40,0	1	322	559	322	84	34	1	162	591	162	16	56
			2	490	490	153	153		2	436	436	29	29	
19,1	19,5	42,5	1	332	586	332	79	36	1	172	613	172	16	73
			2	512	512	153	153		2	455	455	32	32	
23,6	24,0	45,0	1	343	615	343	72	38	1	182	638	182	16	79
			2	535	535	151	151		2	474	474	34	34	
28,1	28,5	47,5	1	354	645	354	63	39	1	190	665	190	16	86
			2	560	560	148	148		2	495	495	35	35	
32,6	33,0	50,0	1	365	678	365	51	41	1	196	696	196	16	93
			2	586	586	143	143		2	516	516	35	35	
37,1	37,5	52,5	1	376	713	376	38	43	1	201	729	201	16	99
			2	614	614	137	137		2	541	541	150	150	
41,6	42,0	57,5	1	393	758	393	28	45	1	216	766	216	16	106
			2	651	651	134	134		2	599	599	126	126	
46,1	46,5	60,0	1	396	806	396	16	47	1	333	812	333	16	112
			2	683	683	124	124		2	655	655	92	92	
50,6	51,0	77,5	1	452	881	452	22	48	1	359	953	359	16	119
			2	755	755	148	148		2	753	753	90	90	
55,1	55,5	100,0	1	518	976	518	59	51	1	419	1097	419	16	128
			2	842	842	193	193		2	870	870	105	105	
59,6	60,0	125,0	1	587	1082	587	92	54	1	476	1260	476	16	136
			2	937	937	237	237		2	997	997	117	117	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.6.7 **Center ballasts and corner loads acc. to DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





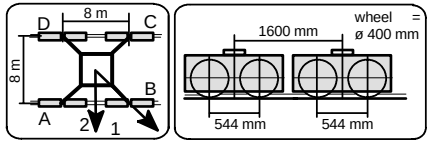
UW 260.3 **Corner distance 6 m x 6 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
10,1	10,5	42,5	1	323	536	323	111	32	1	165	592	165	16	52
			2	474	474	173	173		2	438	438	30	30	
14,6	15,0	45,0	1	334	561	334	107	34	1	176	612	176	16	57
			2	494	494	174	174		2	456	456	34	34	
19,1	19,5	45,0	1	339	581	339	96	36	1	174	634	174	16	73
			2	510	510	167	167		2	468	468	31	31	
23,6	24,0	47,5	1	349	610	349	89	38	1	183	659	183	16	80
			2	533	533	165	165		2	488	488	33	33	
28,1	28,5	50,0	1	360	640	360	80	39	1	191	687	191	16	87
			2	558	558	162	162		2	509	509	34	34	
32,6	33,0	52,5	1	371	673	371	69	41	1	197	718	197	16	93
			2	584	584	158	158		2	530	530	34	34	
37,1	37,5	55,0	1	382	708	382	56	43	1	202	751	202	16	100
			2	612	612	151	151		2	562	562	142	142	
41,6	42,0	60,0	1	399	752	399	46	45	1	218	789	218	16	106
			2	649	649	149	149		2	621	621	117	117	
46,1	46,5	65,0	1	416	799	416	33	47	1	335	858	335	16	113
			2	687	687	145	145		2	684	684	88	88	
50,6	51,0	85,0	1	470	888	470	53	48	1	373	1001	373	16	120
			2	765	765	176	176		2	789	789	92	92	
55,1	55,5	105,0	1	530	976	530	84	51	1	420	1146	420	16	129
			2	845	845	215	215		2	900	900	100	100	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.7.1 **Center ballasts and corner loads – DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive

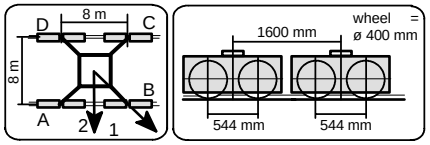


UW 480 **Corner distance 8 m x 8 m** **Jib length 30 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
15,1	15,5	0,0	1	234	412	234	56	38	1	138	293	138	25	60
			2	360	360	109	109		2	243	243	54	54	
19,6	20,0	0,0	1	241	431	241	52	40	1	146	306	146	25	77
			2	375	375	107	107		2	255	255	56	56	
24,1	24,5	0,0	1	246	447	246	45	42	1	148	319	148	25	83
			2	388	388	104	104		2	264	264	56	56	
28,6	29,0	0,0	1	250	464	250	37	44	1	150	334	150	25	90
			2	402	402	99	99		2	274	274	167	167	
33,1	33,5	0,0	1	255	483	255	27	45	1	151	350	151	25	97
			2	416	416	94	94		2	302	302	148	148	
37,6	38,0	0,0	1	251	512	251	25	47	1	230	375	230	84	103
			2	432	432	87	87		2	332	332	127	127	
42,1	42,5	5,0	1	268	546	268	25	49	1	247	431	247	62	110
			2	461	461	92	92		2	377	377	116	116	
46,6	47,0	12,5	1	296	583	296	25	51	1	270	497	270	43	116
			2	497	497	102	102		2	430	430	110	110	
51,1	51,5	22,5	1	329	629	329	30	53	1	299	572	299	27	123
			2	541	541	117	117		2	492	492	106	106	
55,6	56,0	32,5	1	359	681	359	37	54	1	310	671	310	25	129
			2	587	587	131	131		2	557	557	101	101	
60,1	60,5	45,0	1	395	742	395	47	56	1	327	779	327	25	136
			2	640	640	149	149		2	632	632	98	98	
64,6	65,0	62,5	1	446	819	446	72	59	1	368	902	368	25	145
			2	710	710	182	182		2	726	726	106	106	
69,1	69,5	82,5	1	503	904	503	101	61	1	415	1035	415	25	153
			2	787	787	219	219		2	830	830	116	116	
73,6	74,0	105,0	1	569	1001	569	136	64	1	470	1189	470	25	163
			2	874	874	263	263		2	950	950	127	127	
78,1	78,5	127,5	1	633	1096	633	170	67	1	521	1343	521	25	173
			2	960	960	305	305		2	1069	1069	137	137	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column [hook] for the hook height is valid.														

3.4.7.2 **Center ballasts and corner loads – DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive

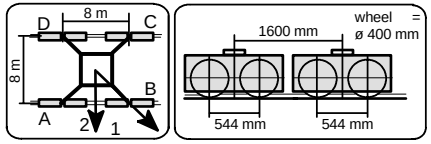


UW 480 **Corner distance 8 m x 8 m** **Jib length 35 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
15,1	15,5	0,0	1	243	411	243	76	38	1	138	294	138	25	60
			2	362	362	125	125		2	244	244	54	54	
19,6	20,0	0,0	1	251	429	251	72	40	1	145	307	145	25	78
			2	377	377	124	124		2	256	256	108	108	
24,1	24,5	0,0	1	255	446	255	65	42	1	148	320	148	25	84
			2	390	390	120	120		2	266	266	107	107	
28,6	29,0	0,0	1	260	463	260	56	44	1	150	335	150	25	91
			2	403	403	116	116		2	286	286	173	173	
33,1	33,5	0,0	1	264	482	264	47	46	1	151	351	151	25	97
			2	418	418	110	110		2	314	314	154	154	
37,6	38,0	0,0	1	269	502	269	35	47	1	239	389	239	89	104
			2	434	434	104	104		2	345	345	133	133	
42,1	42,5	2,5	1	280	530	280	29	49	1	250	439	250	60	111
			2	457	457	102	102		2	384	384	115	115	
46,6	47,0	10,0	1	303	572	303	34	51	1	273	506	273	40	117
			2	493	493	112	112		2	437	437	108	108	
51,1	51,5	20,0	1	332	622	332	42	53	1	300	584	300	25	124
			2	537	537	127	127		2	500	500	105	105	
55,6	56,0	30,0	1	362	675	362	49	55	1	308	686	308	25	130
			2	583	583	141	141		2	566	566	98	98	
60,1	60,5	42,5	1	398	736	398	59	56	1	325	796	325	25	137
			2	637	637	159	159		2	641	641	95	95	
64,6	65,0	62,5	1	455	819	455	90	59	1	377	921	377	25	146
			2	713	713	197	197		2	742	742	108	108	
69,1	69,5	82,5	1	512	905	512	119	61	1	423	1056	423	25	154
			2	790	790	234	234		2	847	847	117	117	
73,6	74,0	105,0	1	578	1002	578	153	64	1	476	1214	476	25	164
			2	878	878	278	278		2	968	968	127	127	
78,1	78,5	127,5	1	642	1098	642	186	67	1	526	1370	526	25	174
			2	964	964	320	320		2	1088	1088	136	136	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column [hook] for the hook height is valid.														

3.4.7.3 **Center ballasts and corner loads – DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive

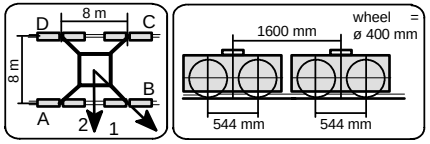


UW 480 **Corner distance 8 m x 8 m** **Jib length 40 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
15,1	15,5	0,0	1	252	413	252	91	38	1	176	298	176	55	61
			2	366	366	138	138		2	263	263	90	90	
19,6	20,0	0,0	1	259	432	259	86	40	1	184	314	184	54	78
			2	381	381	137	137		2	275	275	92	92	
24,1	24,5	0,0	1	264	448	264	79	42	1	188	326	188	50	85
			2	394	394	133	133		2	286	286	90	90	
28,6	29,0	0,0	1	268	466	268	71	44	1	193	340	193	45	92
			2	408	408	129	129		2	297	297	179	179	
33,1	33,5	0,0	1	273	484	273	61	46	1	243	360	243	125	98
			2	422	422	123	123		2	326	326	160	160	
37,6	38,0	0,0	1	277	505	277	50	48	1	247	402	247	93	105
			2	438	438	116	116		2	356	356	138	138	
42,1	42,5	0,0	1	282	527	282	37	49	1	252	446	252	57	111
			2	455	455	109	109		2	389	389	114	114	
46,6	47,0	7,5	1	305	569	305	41	51	1	275	513	275	37	118
			2	492	492	119	119		2	443	443	107	107	
51,1	51,5	17,5	1	335	619	335	50	53	1	299	596	299	25	124
			2	536	536	133	133		2	506	506	103	103	
55,6	56,0	27,5	1	364	672	364	56	55	1	306	699	306	25	131
			2	582	582	146	146		2	572	572	96	96	
60,1	60,5	42,5	1	406	740	406	73	56	1	334	811	334	25	138
			2	642	642	170	170		2	654	654	98	98	
64,6	65,0	60,0	1	457	817	457	97	59	1	373	938	373	25	146
			2	712	712	202	202		2	750	750	104	104	
69,1	69,5	82,5	1	520	910	520	131	61	1	431	1075	431	25	155
			2	796	796	245	245		2	862	862	119	119	
73,6	74,0	105,0	1	586	1007	586	165	64	1	483	1235	483	25	165
			2	884	884	288	288		2	984	984	129	129	
78,1	78,5	127,5	1	650	1103	650	198	67	1	532	1393	532	25	175
			2	971	971	330	330		2	1104	1104	137	137	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.4.7.4 **Center ballasts and corner loads – DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive

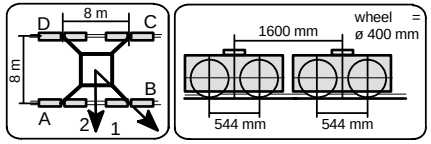


UW 480 **Corner distance 8 m x 8 m** **Jib length 45 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
15,1	15,5	0,0	1	261	430	261	92	38	1	174	344	174	25	62
			2	381	381	142	142		2	292	292	66	66	
19,6	20,0	0,0	1	268	449	268	87	41	1	179	360	179	25	79
			2	396	396	140	140		2	305	305	67	67	
24,1	24,5	0,0	1	273	466	273	80	43	1	180	377	180	25	86
			2	409	409	136	136		2	315	315	66	66	
28,6	29,0	0,0	1	277	484	277	71	44	1	180	396	180	25	92
			2	423	423	132	132		2	326	326	64	64	
33,1	33,5	0,0	1	282	503	282	61	46	1	179	416	179	25	99
			2	438	438	126	126		2	347	347	157	157	
37,6	38,0	0,0	1	286	524	286	49	48	1	177	438	177	25	106
			2	454	454	119	119		2	378	378	135	135	
42,1	42,5	0,0	1	291	546	291	36	50	1	261	473	261	49	112
			2	471	471	111	111		2	411	411	111	111	
46,6	47,0	0,0	1	291	574	291	25	52	1	249	539	249	25	119
			2	490	490	101	101		2	447	447	84	84	
51,1	51,5	10,0	1	325	622	325	29	53	1	260	635	260	25	125
			2	535	535	115	115		2	511	511	79	79	
55,6	56,0	27,5	1	373	694	373	53	55	1	304	741	304	25	132
			2	600	600	147	147		2	597	597	90	90	
60,1	60,5	45,0	1	422	769	422	74	57	1	343	856	343	25	139
			2	667	667	176	176		2	686	686	98	98	
64,6	65,0	65,0	1	479	854	479	104	59	1	392	985	392	25	147
			2	744	744	213	213		2	788	788	109	109	
69,1	69,5	85,0	1	536	942	536	130	62	1	436	1126	436	25	156
			2	823	823	249	249		2	895	895	117	117	
73,6	74,0	110,0	1	608	1046	608	170	65	1	499	1289	499	25	166
			2	918	918	298	298		2	1025	1025	131	131	
Attention! For the **WOLFF 6028.6** or **.8** *compact* only the column ℄ for the hook height is valid.														

3.4.7.5 **Center ballasts and corner loads – DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



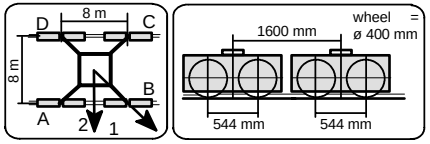
UW 480 **Corner distance 8 m x 8 m** **Jib length 50 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
15,1	15,5	0,0	1	262	439	262	85	39	1	159	375	159	25	62
			2	387	387	137	137		2	303	303	56	56	
19,6	20,0	0,0	1	269	458	269	80	41	1	165	392	165	25	80
			2	403	403	135	135		2	316	316	57	57	
24,1	24,5	0,0	1	273	475	273	72	43	1	165	409	165	25	87
			2	416	416	131	131		2	327	327	55	55	
28,6	29,0	0,0	1	278	493	278	63	45	1	165	428	165	25	93
			2	430	430	126	126		2	338	338	53	53	
33,1	33,5	0,0	1	283	512	283	53	46	1	164	449	164	25	100
			2	445	445	120	120		2	361	361	144	144	
37,6	38,0	0,0	1	287	533	287	41	48	1	162	471	162	25	106
			2	461	461	113	113		2	393	393	121	121	
42,1	42,5	0,0	1	292	556	292	27	50	1	158	496	158	25	113
			2	479	479	105	105		2	427	427	97	97	
46,6	47,0	2,5	1	296	594	296	25	52	1	242	582	242	25	120
			2	504	504	101	101		2	469	469	76	76	
51,1	51,5	17,5	1	345	651	345	38	54	1	276	680	276	25	126
			2	561	561	128	128		2	546	546	83	83	
55,6	56,0	35,0	1	393	724	393	62	55	1	319	788	319	25	133
			2	627	627	159	159		2	632	632	93	93	
60,1	60,5	52,5	1	441	800	441	83	57	1	357	905	357	25	139
			2	695	695	188	188		2	722	722	100	100	
64,6	65,0	72,5	1	498	885	498	112	59	1	406	1036	406	25	148
			2	772	772	225	225		2	826	826	111	111	
69,1	69,5	92,5	1	555	973	555	138	62	1	449	1179	449	25	156
			2	851	851	260	260		2	933	933	117	117	
73,6	74,0	117,5	1	627	1078	627	177	65	1	511	1343	511	25	167
			2	946	946	309	309		2	1063	1063	131	131	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.7.6 **Center ballasts and corner loads – DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive



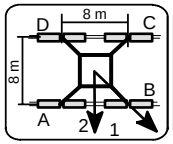
UW 480 **Corner distance 8 m x 8 m** **Jib length 55 m**

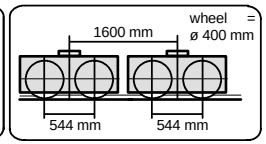
height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads A [kN]	B [kN]	C [kN]	D [kN]	horizontal force [kN]
15,1	15,5	2,5	1	277	459	277	96	39	1	134	461	134	25	63
			2	406	406	149	149		2	343	343	34	34	
19,6	20,0	2,5	1	284	478	284	90	42	1	139	479	139	25	81
			2	422	422	147	147		2	356	356	35	35	
24,1	24,5	2,5	1	289	495	289	82	43	1	139	496	139	25	88
			2	435	435	143	143		2	367	367	33	33	
28,6	29,0	5,0	1	300	520	300	79	45	1	151	516	151	25	94
			2	456	456	144	144		2	384	384	37	37	
33,1	33,5	5,0	1	304	540	304	69	47	1	149	537	149	25	101
			2	471	471	138	138		2	399	399	150	150	
37,6	38,0	7,5	1	315	568	315	62	49	1	159	561	159	25	107
			2	494	494	136	136		2	437	437	133	133	
42,1	42,5	10,0	1	326	597	326	55	51	1	168	587	168	25	114
			2	518	518	134	134		2	478	478	114	114	
46,6	47,0	12,5	1	337	629	337	45	52	1	285	632	285	25	121
			2	543	543	130	130		2	521	521	92	92	
51,1	51,5	22,5	1	366	681	366	51	54	1	294	733	294	25	127
			2	589	589	143	143		2	587	587	86	86	
55,6	56,0	37,5	1	408	749	408	68	56	1	322	843	322	25	134
			2	649	649	167	167		2	668	668	89	89	
60,1	60,5	57,5	1	463	832	463	94	58	1	371	964	371	25	140
			2	724	724	202	202		2	765	765	101	101	
64,6	65,0	77,5	1	520	918	520	122	60	1	418	1099	418	25	149
			2	801	801	238	238		2	869	869	110	110	
69,1	69,5	100,0	1	583	1014	583	153	62	1	471	1245	471	25	157
			2	888	888	279	279		2	985	985	122	122	
73,6	74,0	125,0	1	655	1120	655	191	65	1	531	1414	531	25	168
			2	984	984	327	327		2	1116	1116	134	134	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.

3.4.7.7 **Center ballasts and corner loads – DIN 15019**

for a travelling tower crane on an undercarriage without climbing drive





UW 480 **Corner distance 8 m x 8 m** **Jib length 60 m**

height under hook [m]		center ballast [t]	jib position	crane in service torque moment: **320** kNm corner loads **A** [kN]	**B** [kN]	**C** [kN]	**D** [kN]	horizontal force [kN]	jib position	crane out of service torque moment: 0 kNm corner loads **A** [kN]	**B** [kN]	**C** [kN]	**D** [kN]	horizontal force [kN]
15,1	15,5	5,0	1	284	457	284	110	39	1	138	477	138	25	63
			2	406	406	161	161		2	354	354	35	35	
19,6	20,0	5,0	1	291	476	291	105	42	1	144	494	144	25	82
			2	422	422	159	159		2	368	368	36	36	
24,1	24,5	5,0	1	295	493	295	97	44	1	144	512	144	25	88
			2	435	435	155	155		2	378	378	34	34	
28,6	29,0	7,5	1	306	518	306	94	45	1	156	532	156	25	95
			2	456	456	156	156		2	396	396	38	38	
33,1	33,5	7,5	1	311	538	311	83	47	1	154	554	154	25	101
			2	471	471	150	150		2	416	416	145	145	
37,6	38,0	10,0	1	321	565	321	77	49	1	163	577	163	25	108
			2	494	494	149	149		2	454	454	128	128	
42,1	42,5	12,5	1	332	595	332	69	51	1	172	604	172	25	115
			2	518	518	146	146		2	495	495	109	109	
46,6	47,0	15,0	1	343	626	343	60	52	1	281	665	281	25	121
			2	543	543	143	143		2	539	539	87	87	
51,1	51,5	27,5	1	379	685	379	73	54	1	301	768	301	25	128
			2	595	595	162	162		2	611	611	86	86	
55,6	56,0	42,5	1	421	752	421	89	56	1	329	879	329	25	134
			2	655	655	187	187		2	693	693	89	89	
60,1	60,5	62,5	1	475	835	475	116	58	1	377	1002	377	25	141
			2	730	730	221	221		2	791	791	100	100	
64,6	65,0	82,5	1	532	921	532	144	60	1	424	1138	424	25	150
			2	807	807	258	258		2	896	896	109	109	
69,1	69,5	105,0	1	596	1016	596	175	63	1	476	1286	476	25	158
			2	893	893	298	298		2	1012	1012	120	120	
73,6	74,0	130,0	1	668	1122	668	213	65	1	535	1456	535	25	168
			2	989	989	347	347		2	1144	1144	132	132	

Attention!
For the **WOLFF 6028.6** or **.8** *compact* only the column for the hook height is valid.