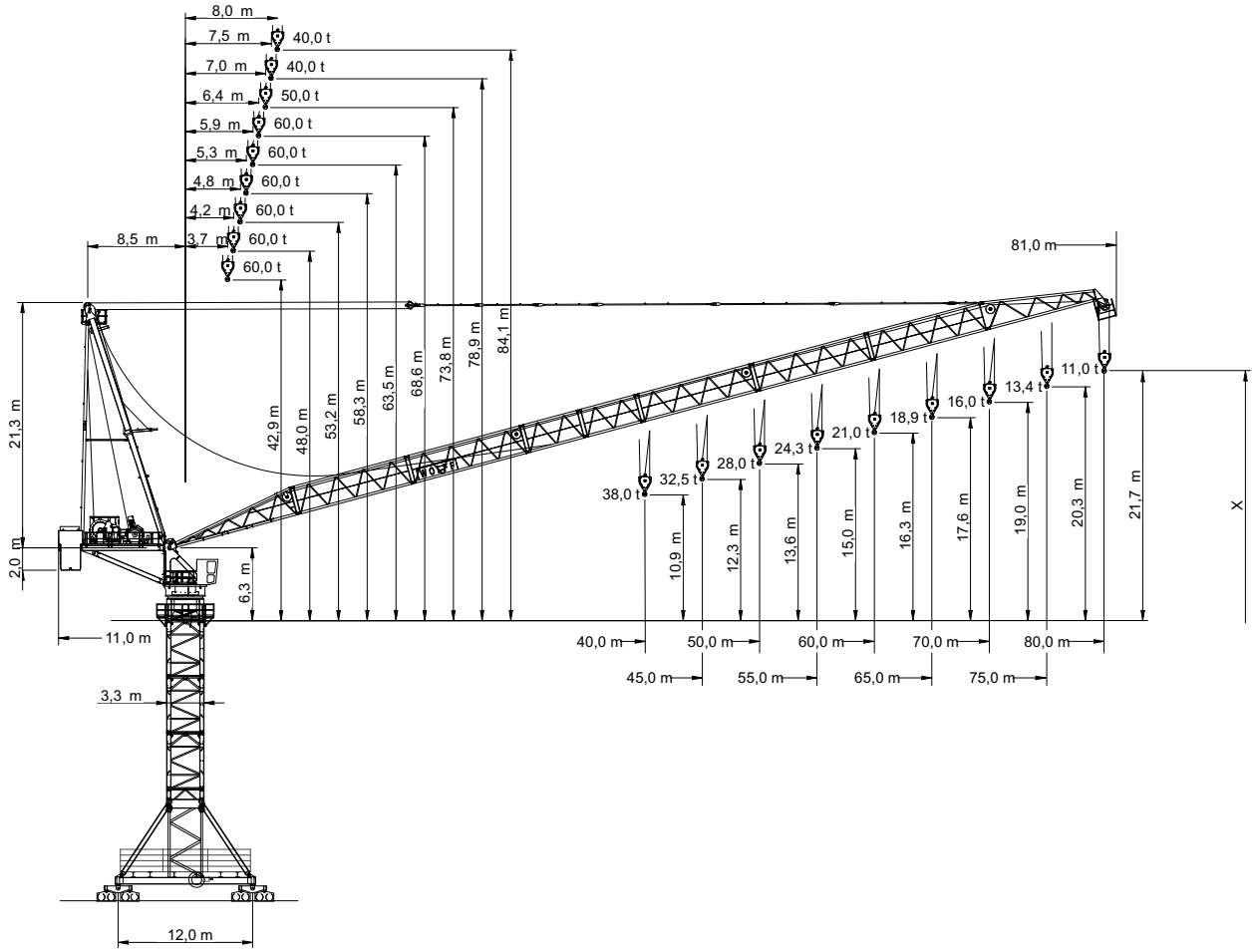
1 Schedule drawing

1.1 Schedule drawing WOLFF 1250 B



[X]	max. hook height above ground

Data WOLFF 1250B

Item	Data
Crane type	BGL GROUP C.0.11.1250
Design	Overhead travelling crane with top slewing luffing jib, with climbing feature
Type of setup	Stationary or travelling
Basis of calculation	EN
Payload torque	max. 15000 kN/m
Hoist winch	Hw 40132FU

2 Load carrying capacities

2.1 Table of load carrying capacity WOLFF 1250 B (single reeving)

 20 t		Operating radius [m]		30	35	40	45	50	55	60	65	70	75	80	
JL [m]	80	8.0 - 52.0		20.0	20.0	20.0	20.0	20.0	18.6	16.6	14.9	13.4	12.1	11.0	LCC [t]
	75	7.5 - 55.5		20.0	20.0	20.0	20.0	20.0	20.0	18.1	16.3	14.7	13.4		
	70	7.0 - 59.0		20.0	20.0	20.0	20.0	20.0	20.0	19.6	17.7	16.0			
	65	6.4 - 61.5		20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.9				
	60	5.9 - 60.0		20.0	20.0	20.0	20.0	20.0	20.0	20.0					
	55	5.3 - 55.0		20.0	20.0	20.0	20.0	20.0	20.0						
	50	4.8 - 50.0		20.0	20.0	20.0	20.0	20.0							
	45	4.2 - 45.0		20.0	20.0	20.0	20.0								
	40	3.7 - 40.0		20.0	20.0	20.0									

JL	Jib length
LCC	Load carrying capacity

2.2 Table of load carrying capacities (kg) in meter intervals, WOLFF 1250 B (single reeving)

Operating radius	Jib length [m]			
[m]	65	70	75	80
51	20000	20000	20000	20000
52	20000	20000	20000	20000
53	20000	20000	20000	19510
54	20000	20000	20000	19050
55	20000	20000	20000	18600
56	20000	20000	19770	18160
57	20000	20000	19330	17740
58	20000	20000	18910	17340
59	20000	20000	18490	16950
60	20000	19580	18100	16570
61	20000	19170	17710	16210
62	19840	18770	17340	15850
63	19510	18380	16980	15510
64	19200	18010	16630	15180
65	18900	17650	16290	14860
66		17300	15960	14550
67		16960	15640	14240
68		16630	15330	13950
69		16310	15030	13660
70		16000	14740	13390
71			14460	13120
72			14180	12860
73			13910	12600
74			13650	12360
75			13400	12110
76				11880
77				11650
78				11430
79				11210
80				11000

2.3 Table of load carrying capacity WOLFF 1250 B (double reeving)

 40 t		Operating radius [m]		30	35	40	45	50	55	60	65	70	75	80	
JL	80	8.0 - 29.0		38.4	31.9	27.1	23.3	20.2	17.8	15.7	13.9	12.4	11.1	10.0	LCC
[m]	75	7.5 - 30.5		40.0	34.0	29.0	25.0	21.9	19.3	17.1	15.3	13.8	12.4		[t]
	70	7.0 - 32.0		40.0	36.1	30.8	26.7	23.4	20.7	18.5	16.6	15.0			
	65	6.4 - 33.0		40.0	37.4	32.1	28.0	24.7	22.0	19.8	17.9				
	60	5.9 - 34.0		40.0	38.8	33.4	29.3	26.0	23.3	21.0					
	55	5.3 - 35.0		40.0	40.0	34.6	30.4	27.1	24.3						
	50	4.8 - 36.0		40.0	40.0	35.7	31.4	28.0							
	45	4.2 - 37.0		40.0	40.0	36.8	32.5								
	40	3.7 - 38.0		40.0	40.0	38.0									

JL	Jib length
LCC	Load carrying capacity

2.4 Table of load carrying capacities (kg) in meter intervals, WOLFF 1250 B (double reeving)

Operating radius	Jib length [m]								
[m]	40	45	50	55	60	65	70	75	80
28	40000	40000	40000	40000	40000	40000	40000	40000	40000
29	40000	40000	40000	40000	40000	40000	40000	40000	40000
30	40000	40000	40000	40000	40000	40000	40000	40000	38430
31	40000	40000	40000	40000	40000	40000	40000	39250	36960
32	40000	40000	40000	40000	40000	40000	40000	37820	35590
33	40000	40000	40000	40000	40000	40000	38600	36480	34300
34	40000	40000	40000	40000	40000	38680	37290	35210	33080
35	40000	40000	40000	40000	38750	37430	36050	34020	31930
36	40000	40000	40000	38800	37560	36260	34880	32890	30850
37	40000	40000	38840	37670	36440	35150	33780	31830	29830
38	40000	38890	37740	36590	35380	34090	32730	30820	28850
39	38970	37840	36700	35570	34380	33090	31730	29860	27930
40	38000	36840	35710	34600	33420	32140	30790	28950	27060
41		35880	34770	33680	32510	31240	29890	28090	26230
42		34980	33880	32800	31650	30380	29040	27260	25430
43		34110	33020	31970	30820	29560	28220	26480	24680
44		33290	32210	31170	30030	28780	27440	25730	23960
45		32500	31430	30410	29280	28030	26700	25010	23270
46			30680	29680	28560	27310	25980	24330	22610
47			29970	28980	27870	26630	25300	23670	21980
48			29290	28310	27210	25970	24650	23040	21370
49			28630	27660	26580	25340	24020	22440	20790
50			28000	27050	25970	24740	23420	21860	20240
51				26450	25380	24160	22840	21300	19700
52				25890	24820	23600	22290	20770	19190
53				25340	24280	23060	21750	20250	18690
54				24810	23760	22540	21240	19760	18210
55				24300	23260	22040	20740	19280	17750
56					22770	21560	20260	18820	17310
57					22310	21100	19800	18370	16880
58					21860	20650	19360	17940	16470
59					21420	20220	18930	17530	16070
60					21000	19800	18510	17130	15690
61						19390	18110	16740	15310
62						19000	17720	16370	14950
63						18620	17340	16000	14600
64						18260	16970	15650	14260
65						17900	16620	15310	13940
66							16280	14980	13620
67							15940	14660	13310
68							15620	14350	13010
69							15310	14040	12720
70							15000	13750	12440
71								13470	12160
72								13190	11900
73								12920	11640
74								12660	11380
75								12400	11140
76									10900
77									10660
78									10440
79									10220
80									10000

2.5 Load carrying capacity table WOLFF 1250 B (triple reeving)

 60 t		Operating radius [m]		30	35	40	45	50	55	60	65	70	75	80	
JL	70	7.0 - 26.0	50.0 t	42.4	35.3	30.0	25.8	22.5	19.8	17.6	15.6	14.0			LCC
[m]	65	6.4 - 22.5	60.0 t	43.5	36.5	31.2	27.0	23.8	21.1	18.8	16.9				[t]
	60	5.9 - 23.0		44.9	37.8	32.4	28.3	25.0	22.3	20.0					
	55	5.3 - 23.5		46.1	39.0	33.6	29.4	26.0	23.3						
	50	4.8 - 24.0		47.3	40.1	34.6	30.4	27.0							
	45	4.2 - 24.5		48.5	41.2	35.8	31.5								
	40	3.7 - 25.0		49.8	42.5	37.0									

JL	Jib length
LCC	Load carrying capacity

2.6 Table of load carrying capacities (kg) in meter intervals, WOLFF 1250 B (triple reeving)

Operating radius	Jib length [m]								
[m]	40	45	50	55	60	65	70	75	80
20	60000	60000	60000	60000	60000	60000	50000	-	-
21	60000	60000	60000	60000	60000	60000	50000	-	-
22	60000	60000	60000	60000	60000	60000	50000	-	-
23	60000	60000	60000	60000	60000	58570	50000	-	-
24	60000	60000	60000	58670	57300	55880	50000	-	-
25	60000	58750	57460	56160	54810	53410	50000	-	-
26	57640	56390	55120	53840	52520	51130	50000	-	-
27	55460	54210	52950	51690	50390	49010	47880	-	-
28	53430	52180	50930	49700	48420	47050	45910	-	-
29	51540	50290	49060	47850	46580	45230	44080	-	-
30	49780	48530	47310	46120	44860	43520	42360	-	-
31	48130	46880	45670	44500	43260	41930	40760	-	-
32	46580	45340	44130	42980	41760	40430	39260	-	-
33	45130	43890	42690	41550	40340	39030	37850	-	-
34	43760	42520	41330	40210	39010	37700	36520	-	-
35	42480	41230	40050	38950	37760	36460	35270	-	-
36	41260	40020	38850	37750	36580	35280	34090	-	-
37	40110	38860	37700	36620	35460	34170	32970	-	-
38	39020	37770	36620	35550	34400	33110	31910	-	-
39	37980	36740	35590	34530	33390	32110	30910	-	-
40	37000	35760	34620	33570	32430	31160	29950	-	-
41		34820	33690	32650	31520	30260	29050	-	-
42		33930	32800	31770	30660	29400	28180	-	-
43		33080	31960	30940	29830	28570	27360	-	-
44		32270	31150	30140	29040	27790	26570	-	-
45		31500	30380	29380	28290	27040	25820	-	-
46			29650	28660	27570	26320	25100	-	-
47			28940	27960	26880	25640	24410	-	-
48			28270	27290	26220	24980	23750	-	-
49			27620	26650	25580	24350	23120	-	-
50			27000	26040	24970	23750	22510	-	-
51				25450	24390	23160	21930	-	-
52				24880	23830	22600	21360	-	-
53				24330	23280	22070	20820	-	-
54				23810	22760	21550	20300	-	-
55				23300	22260	21050	19800	-	-
56					21780	20570	19320	-	-
57					21310	20100	18850	-	-
58					20860	19650	18400	-	-
59					20420	19220	17970	-	-
60					20000	18800	17550	-	-
61						18400	17140	-	-
62						18000	16740	-	-
63						17620	16360	-	-
64						17260	15990	-	-
65						16900	15640	-	-
66							15290	-	-
67							14950	-	-
68							14630	-	-
69							14310	-	-
70							14000	-	-
71								-	-
72								-	-

3 Tower combinations

DANGER

Usage of incorrect tower combinations.

The slewing tower crane may overturn.

1) Use the specified tower combinations.

2) If you need another tower combination that is not specified here, please contact WOLFFKRAN to get an approved alternative setup in writing.

NOTICE

All tower combinations apply to free standing slewing tower cranes without climbing gear.

NOTICE

For tower combination with tower element TV 25 and UV 25 please contact WOLFFKRAN.

3.1 Tower combinations on foundation (TV 33-5 connection)

Jib length		40 to 60 m	65 to 70 m	75 to 80 m
Elements				
1	5.0 m	TV 33-5	TV 33-5	TV 33-5
2	10.0 m	TV 33-5	TV 33-5	TV 33-5
3	15.0 m	TV 33-5	TV 33-5	TV 33-5
4	20.0 m	TV 33-5	TV 33-5	TV 33-5
5	25.0 m	TV 33-5	TV 33-5	TV 33-5
6	30.0 m	TV 33-5	TV 33-5	TV 33-5
7	35.0 m	TV 33-5	TV 33-5	TV 33-5
8	40.0 m	TV 33-5	TV 33-5	TV 33-5
9	45.0 m	TV 33-5	TV 33-5	TV 33-5
10	50.0 m	TV 33-5	TV 33-5	TV 33-5
11	55.0 m	TV 33-5	TV 33-5	TV 33-5
12	60.0 m	TV 33-5	TV 33-5	TV 33-5
13	65.0 m	TV 33-5	TV 33-5	TV 33-5
14	70.0 m	TV 33-5	TV 33-5	TV 33-5
15	75.0 m	TV 33-5	TV 33-5	TV 33-5
16	80.0 m	TV 33-5	TV 33-5	TV 33-5
17	85.0 m	TV 33-5	TV 33-5	
18	90.0 m	TV 33-5		
Foundation		FUA G	FUA G	FUA G
Tower height [m]		90.0	85.0	80.0

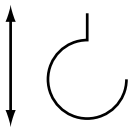
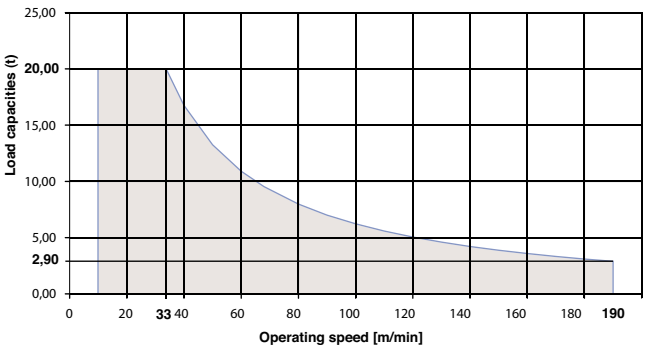
3.2 Tower combinations on cross frame element (TV33-5 connection)

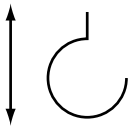
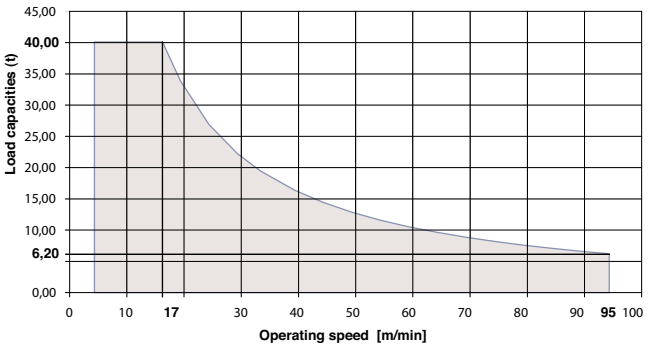
Jib length		**40 to 55 m**	**60 to 70 m**	**75 to 80 m**
Element				
1	5.0 m	TV 33-5	TV 33-5	TV 33-5
2	10.0 m	TV 33-5	TV 33-5	TV 33-5
3	15.0 m	TV 33-5	TV 33-5	TV 33-5
4	20.0 m	TV 33-5	TV 33-5	TV 33-5
5	25.0 m	TV 33-5	TV 33-5	TV 33-5
6	30.0 m	TV 33-5	TV 33-5	TV 33-5
7	35.0 m	TV 33-5	TV 33-5	TV 33-5
8	40.0 m	TV 33-5	TV 33-5	TV 33-5
9	45.0 m	TV 33-5	TV 33-5	TV 33-5
10	50.0 m	TV 33-5	TV 33-5	TV 33-5
11	55.0 m	TV 33-5	TV 33-5	TV 33-5
12	60.0 m	TV 33-5	TV 33-5	TV 33-5
13	65.0 m	TV 33-5	TV 33-5	TV 33-5
14	70.0 m	TV 33-5	TV 33-5	TV 33-5
15	75.0 m	TV 33-5	TV 33-5	
16	80.0 m	TV 33-5		
Substructure		KRE 4120	KRE 4120	KRE 4120
[m x m]		12.0 X 12.0	12.0 X 12.0	12.0 X 12.0
Substructure height [m]		8.7	8.7	8.7
Tower height [m]		88.7	83.7	78.7

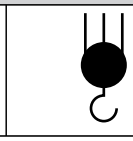
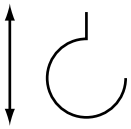
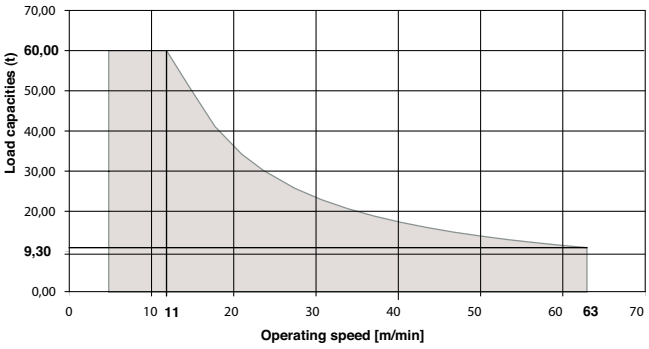
3.3 Tower combinations on bogie truck (TV33-5 connection)

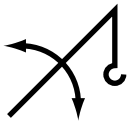
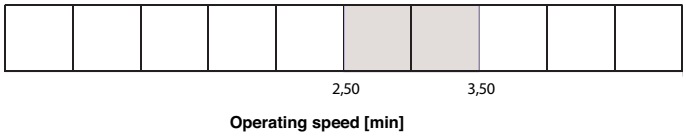
Jib length		**40 to 55 m**	**60 to 70 m**	**75 to 80 m**
Element				
1	5.0 m	TV 33-5	TV 33-5	TV 33-5
2	10.0 m	TV 33-5	TV 33-5	TV 33-5
3	15.0 m	TV 33-5	TV 33-5	TV 33-5
4	20.0 m	TV 33-5	TV 33-5	TV 33-5
5	25.0 m	TV 33-5	TV 33-5	TV 33-5
6	30.0 m	TV 33-5	TV 33-5	TV 33-5
7	35.0 m	TV 33-5	TV 33-5	TV 33-5
8	40.0 m	TV 33-5	TV 33-5	TV 33-5
9	45.0 m	TV 33-5	TV 33-5	TV 33-5
10	50.0 m	TV 33-5	TV 33-5	TV 33-5
11	55.0 m	TV 33-5	TV 33-5	TV 33-5
12	60.0 m	TV 33-5	TV 33-5	
13	65.0 m	TV 33-5		
Substructure		UW 4120	UW 4120	UW 4120
[m x m]		12.0 X 12.0	12.0 X 12.0	12.0 X 12.0
Substructure height [m]		10.0	10.0	10.0
Tower height [m]		75.0	70.0	65.0

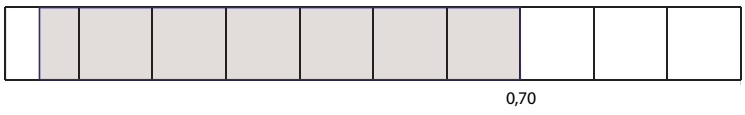
4 Operating speeds

Drive unit [type]	Operating speed Carrying load		Hook travel distance max. [m]	Power [kW]	Total connected load [kVA]
Hw40132FU	**Lifting / lowering**		**990**	**132**	241.0 Total connected load at coincidence factor of 0.7
					
Max. tower height (m) (with jib length of 80 m)					905

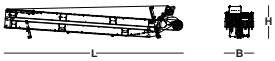
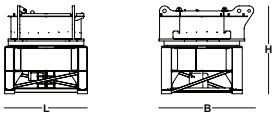
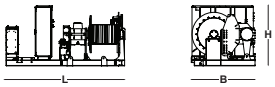
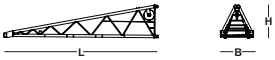
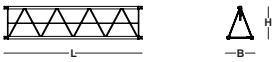
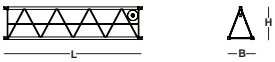
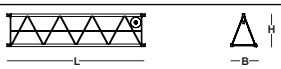
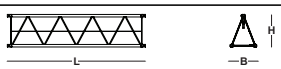
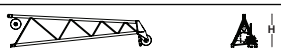
Drive unit [type]	Operating speed Carrying load		Hook travel distance max. [m]	Power [kW]	Total connected load [kVA]
Hw40132FU	**Lifting / lowering**		**495**	**132**	241.0 Total connected load at coincidence factor of 0.7
					
Max. tower height (m) (with jib length of 80 m)					410

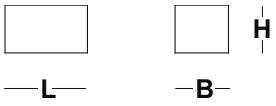
Drive unit [type]	Operating speed Carrying load	Hook travel distance max. [m]	Power [kW]	Total connected load [kVA]
Hw40132FU	**Lifting / lowering** 	**330**	**132**	241.0 Total connected load at coincid-ence factor of 0.7
				
Max. tower height (m) (with jib length of 80 m)				245

Drive unit [type]	Operating speeds	Power [kW]	Total connected load [kVA]
EW 16110FU	**Jib luffing in / out**	**110**	241.0 Total connected load at coincid-ence factor of 0.7
			

Drive unit [type]	Operating speeds	Power [kW]	Total connected load [kVA]
SG	**Slewing**	**2 x 11**	241.0 Total connected load at coincid-ence factor of 0.7
			

5 Package list 1250 B

Quantity	Description	Package	L [m]	W [m]	H [m]	Weight [kg]	Volume [m³]
1	Tower head section upper part including pulley block and platforms		11.90	2.50	2.82	13100	83.90
1	Tower head section brace		10.48	0.99	0.49	2900	5.08
1	Tower head section lower part		3.33	3.79	3.53	23700	44.55
1	Connecting block with ladder		4.98	2.54	2.80	7300	35.41
1	Driver's cab suspension		3.58	2.23	0.56	560	4.47
1	Counter jib with struts and platforms		9.81	2.50	1.25	8500	30.66
1	Machine platform with derricking winch, 2. brake		2.03	2.23	2.50	6200	11.32
1	Machine platform with hoist gear, 2 brake (incl. 1000 m Ø 32 mm hoisting rope = 5 tons)		4.85	2.60	2.45	17500	30.89
1	Jib section 1 (without platforms)		11.89	2.55	2.51	4400	76.10
1	Jib section 2		10.59	2.03	2.50	3100	53.74
1	Jib section 3		10.59	2.03	2.50	3200	53.74
1	Jib section 4		5.41	2.03	2.50	1600	27.46
1	Jib section 5		5.41	2.03	2.50	1600	27.46
1	Jib section 6		10.59	2.03	2.50	2600	53.74
2	Jib section 7		10.59	2.03	2.50	2500	53.74
1	Jib section 8 (without platforms)		11.13	2.03	2.52	3800	56.94
1	Snatch block (single reeving)		1.08	0.34	1.99	600	0.73
	Snatch block (double reeving)		1.20	0.40	1.99	1000	0.96

1	Snatch block, triple reeving		1.20	0.50	1.99	1500	1.20
1	Stay rods for 80 m operating radius		10.58	0.74	0.27	3200	2.11
	Standard railings		2.60	1.10	0.65	300	1.86
1	Box (small parts)		0.63	0.50	0.38	100	1.12

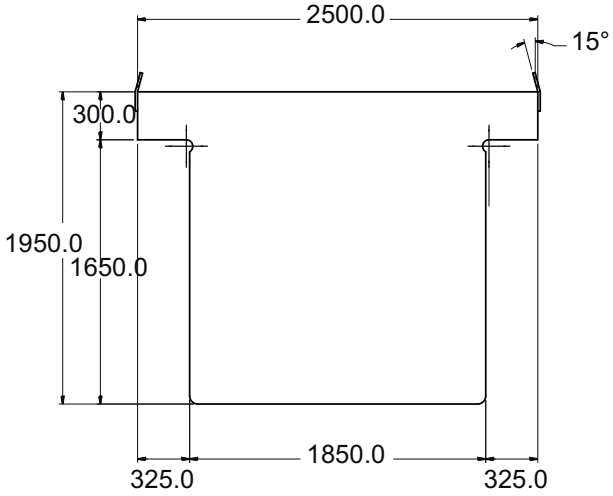
6 Assembly weights

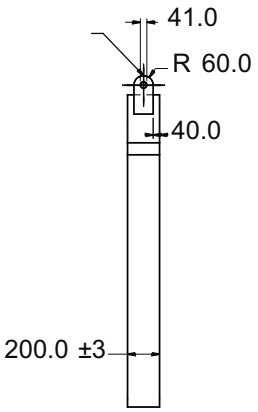
6.1 Counterweight blocks

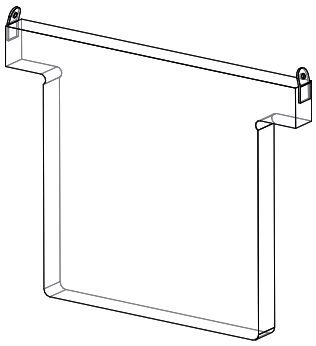
NOTICE

The described diagrams of the counterweights and central ballast blocks only show sketches. Have them issue the reinforcement charts by experts.

6.1.1 Counterweight block, 5.97 t



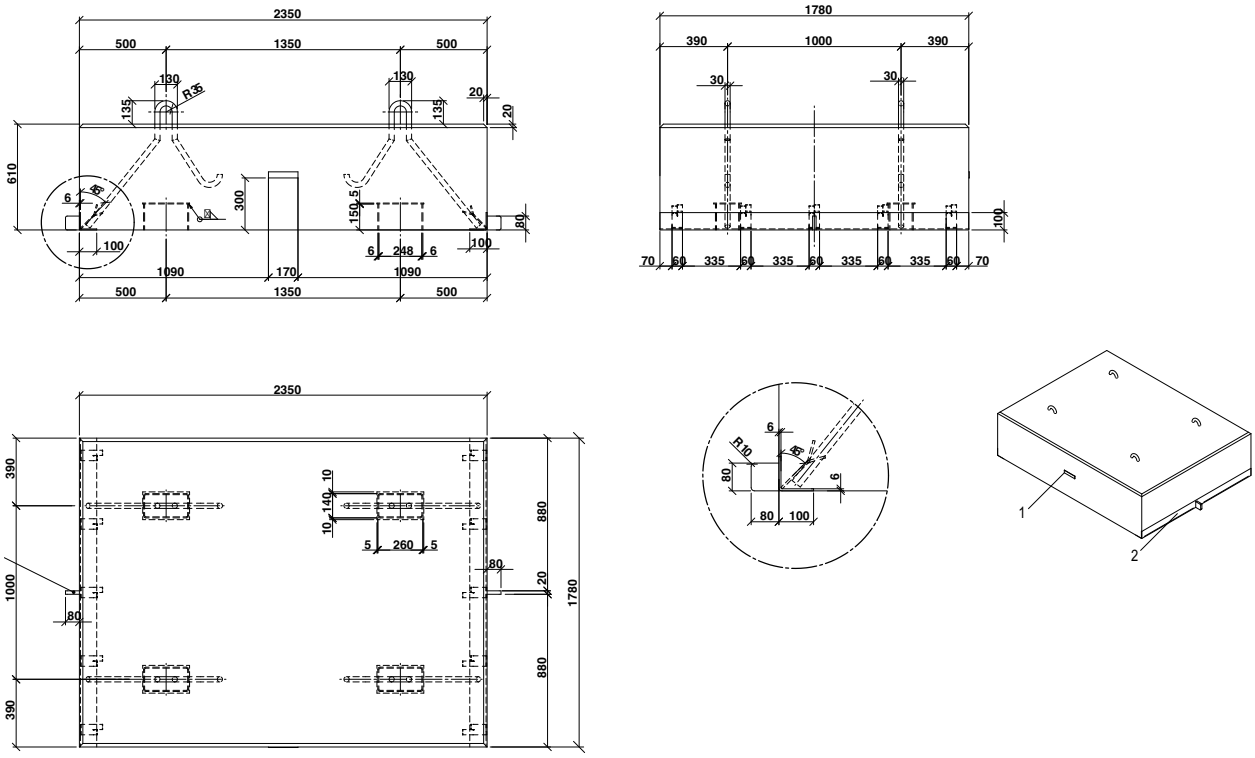




Data counterweight block 5.97 t

Item	Data
Material	Material quality S235JR, max. carbon content 0.25%
Max. permitted weight tolerance	+/- 3 %
Order number	30046411

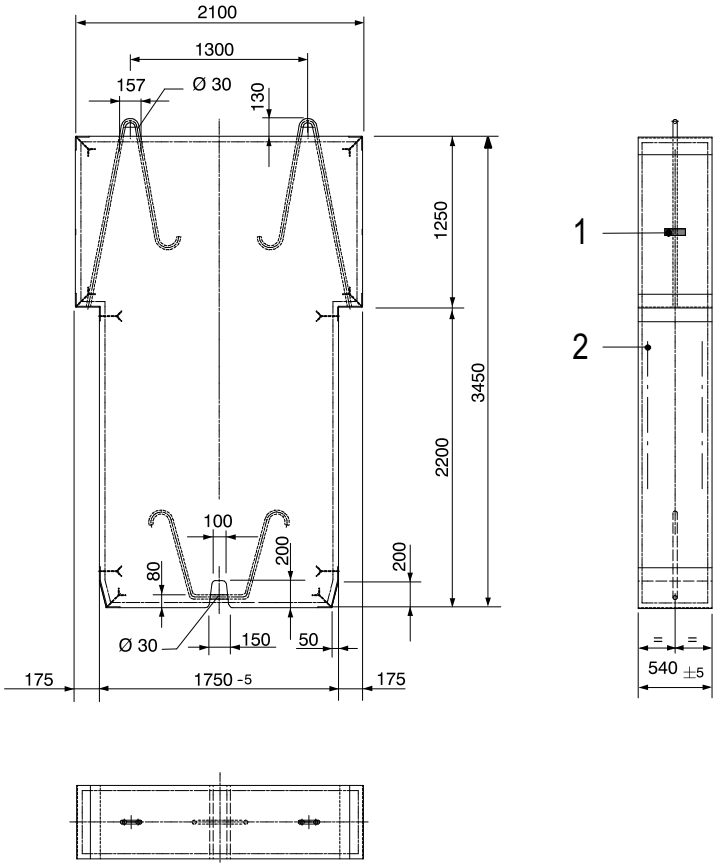
6.1.2 Counterweight block, 6.0 t



Data counterweight block 6.0 t

Item	Data
Material	Concrete, min. C 20/25
Max. permitted weight tolerance	+/- 3 %
Order number	30047367
1	Component identifier
2	Border protection

6.1.3 Counterweight block, 8.0 t



Data counterweight block 8.0 t

Item	Data
Material	Concrete, min. C 20/25
Max. permitted weight tolerance	+/- 3 %
Order number	30043944
1	Component identifier
2	Structural steel reinforcement

6.2 Total weight jib assembly

Complete jib: mechanical parts, brace plate, supports, assembly brace ropes, assembly rope guides, snatch block

Jib length [m]	**Weight [kg]** **WOLFF 1250 B**
80.0	29800
75.0	27900
70.0	26700
65.0	24800
60.0	23600
55.0	21700
50.0	20400
45.0	18500
40.0	16600

6.3 Assembly weight slewing gear

Module	Crane parts	Weight [kg]	
Tower head section upper part			15940
	▪ Tower head top (including struts, pedestals and standard railing)	15420	
	▪ Pulley block	350	
	▪ Shock absorber	170	
Lower part of tower head section			23700
	▪ Lower part of tower head section	14015	
	▪ Slewing frame + KDV	9670	
Connecting block			7300
Counterjib (including struts, pedestals and standard railing)			8780
Machine platform hoisting gear (1000 m rope = 5 to)			17500
Machine platform derricking winch			6200

6.4 Assembly weight cross frame elements

Cross frame element KRE 4120 complete			60 480
	▪ Cross frame base	19 220	
	▪ Mast base	18 290	
	▪ Hinged sections with corner plates	14 080	
	▪ Struts	8 040	
	▪ Assembly platform, ladder, and small parts	850	

6.5 Assembly weight bogie truck

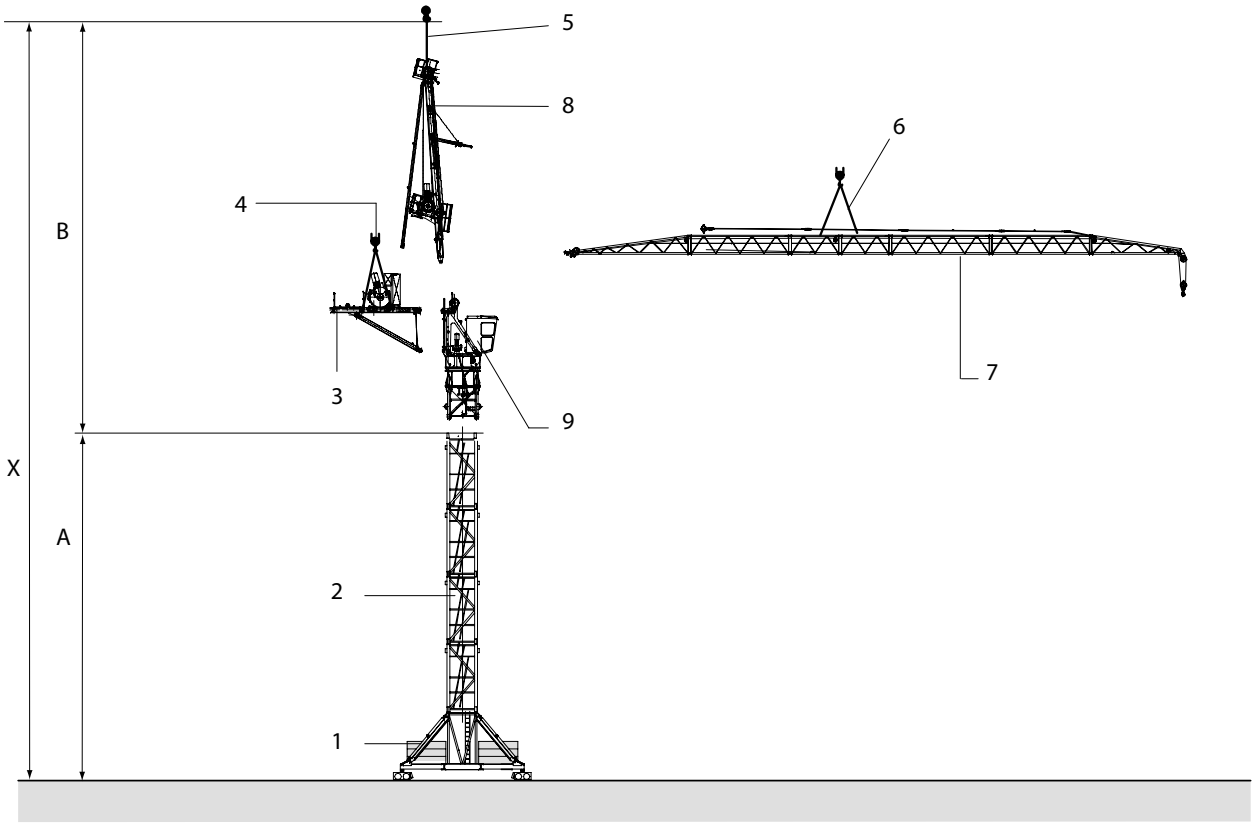
Module	crane part	Weight [kg]	
Bogie truck UW 4120, complete			74 900
	▪ Undercarriage base with subframe	34 500	
	▪ Mast base	18 290	
	▪ Hinged sections	11 800	
	▪ Struts	8 040	
	▪ Assembly platform, rope drum bracket, ladder, and small parts	2 270	

6.6 Hook height above ground required for mobile cranes

For information about the height of the WOLFF slewing tower crane, refer to Tower combinations [8].

NOTICE! During assembly, allowances must be made for level differences (mobile crane to base of the slewing tower crane).

Hook height above ground required for mobile cranes (X) = height of the WOLFF slewing tower crane (A) + clearance of 33 (B).



Exemplary illustration

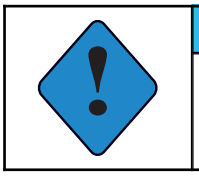
[A]	Height of the WOLFF slewing tower crane	[B]	Clearance 33 m
[X]	Hook height above ground required for the mobile crane		
1	Undercarriage	5	Two-point lifting tackle (3 m with shackle)
2	Tower element	6	Four-point lifting tackle (4 m with shackle)
3	Counterjib, complete	7	Jib, complete
4	Four-point lifting tackle (with shackle)	8	Tower head section, complete

See also:

- Tower combinations [8]

7 Assembly diagrams

7.1 Jib attachment diagram



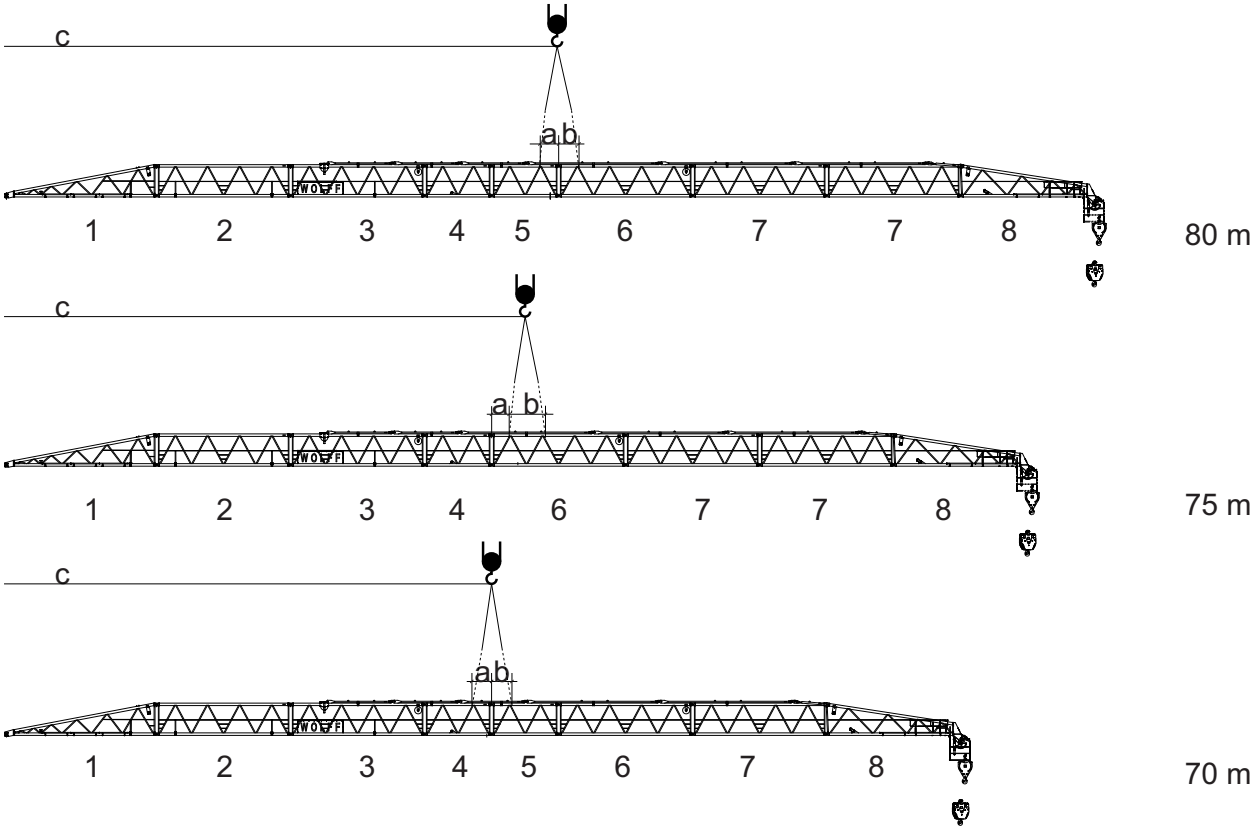
NOTICE

For jib assembly, use a Four-point lifting tackle (4 m with shackle).

Length of jib elements

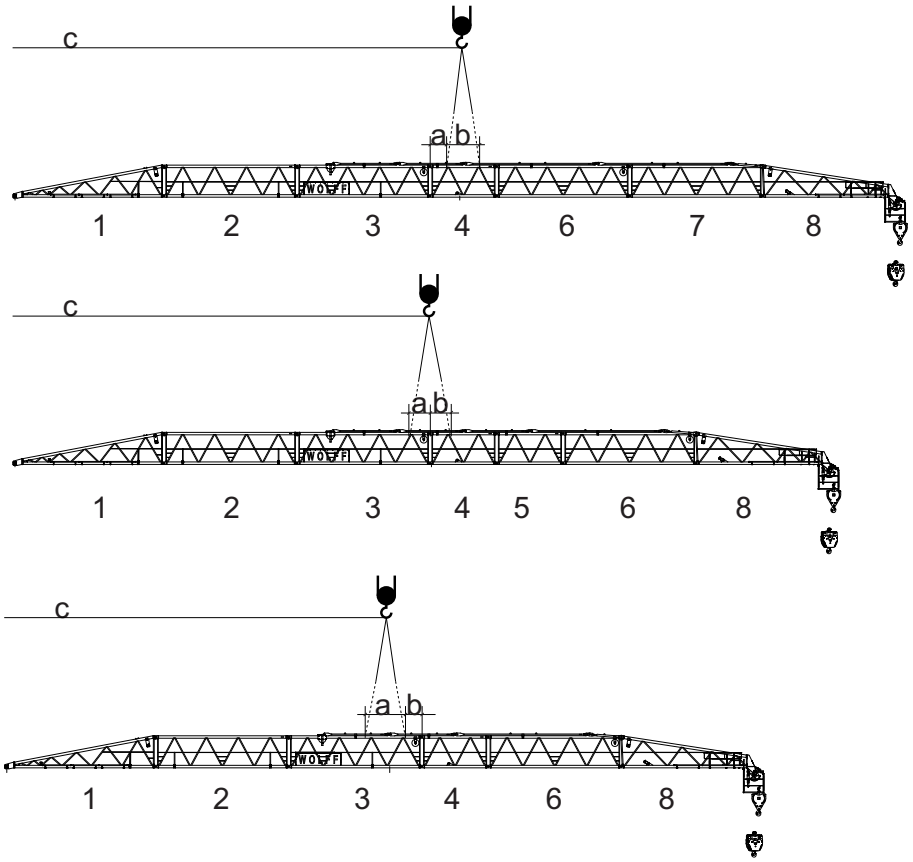
Item	Length [m]
Jib element 1	11.60
Jib element 2, 3, 6, 7	10.35
Jib section 4, 5	5.18
Jib section 8	10.35

7.1.1 Jib attachment diagram 80 m to 70 m



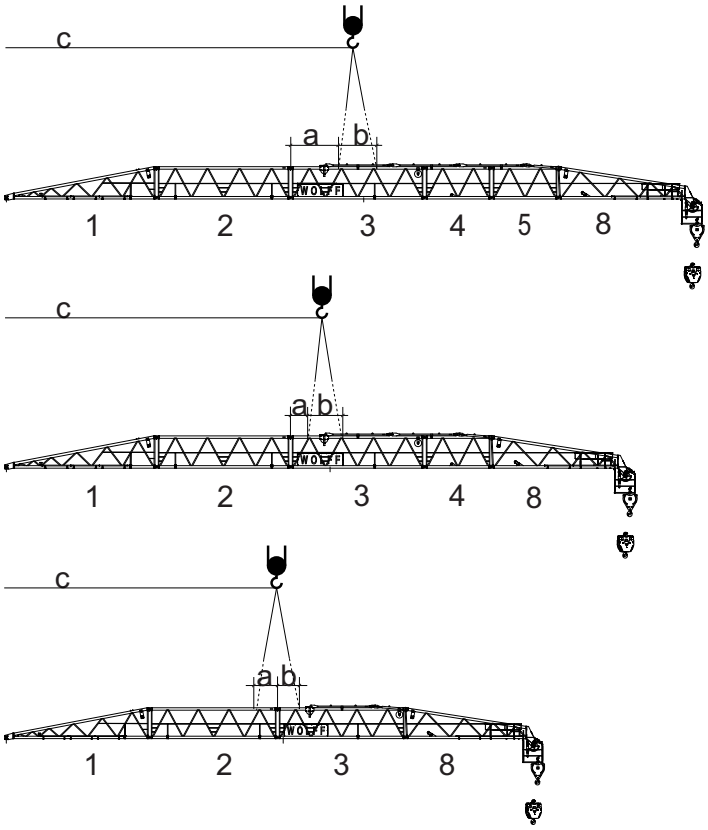
	Jib length [m]		
Data	**80**	**75**	**70**
a [m]	1.55	1.30	1.55
b [m]	1.60	2.78	1.55
c [m]	42.70	40.20	37.50
Weight [kg]	29800	27900	26700

7.1.2 Jib attachment diagram 65 m to 55 m



	Jib length [m]		
Data	**65**	**60**	**55**
a [m]	1.25	1.60	2.78
b [m]	2.67	1.55	1.30
c [m]	34.90	32.30	29.60
Weight [kg]	24800	23600	21700

7.1.3 Jib attachment diagram 50 m to 40 m



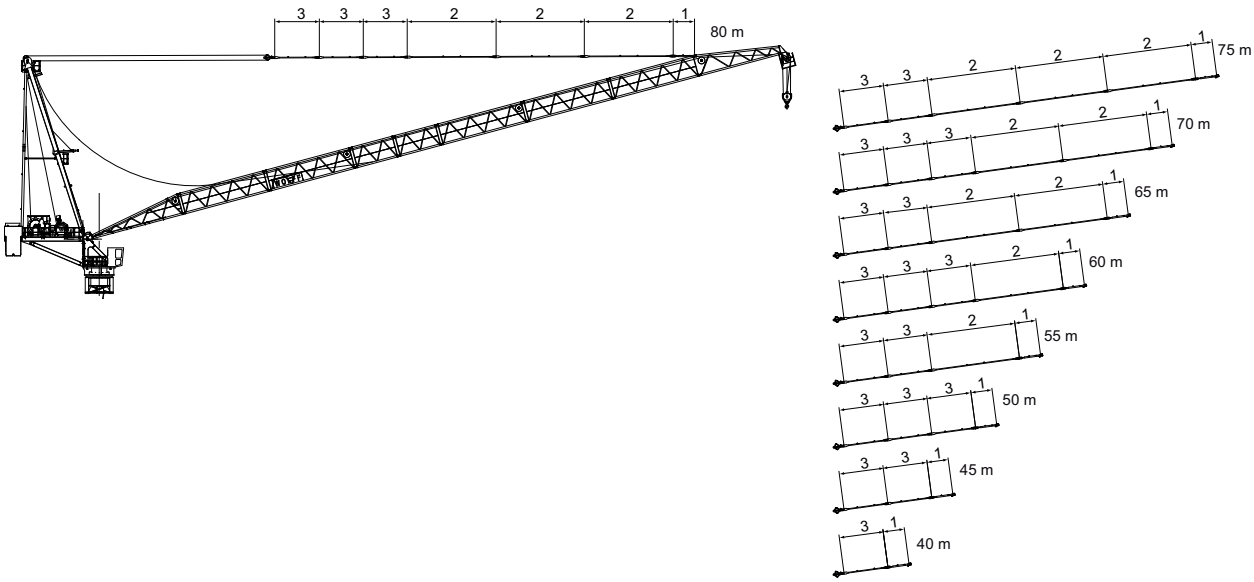
50 m

45 m

40 m

	Jib length [m]		
Data	**50**	**45**	**40**
a [m]	3.78	1.30	1.60
b [m]	2.78	2.78	1.60
c [m]	27.10	24.60	22.00
Weight [kg]	20400	18500	16600

7.2 Jib brace diagram



Brace table

Jib length	Lengths [m]									Total weight [t]
	Pulley block	Stay no. 3	Stay no. 3	Stay no. 3	Stay no. 2	Stay no. 2	Stay no. 2	Stay no. 1	Total length	
Jib – 80 m	0.88	5.15	5.15	5.15	10.30	10.30	10.30	2.48	49.71	3.2
Jib – 75 m	0.88	5.15	5.15		10.30	10.30	10.30	2.48	44.56	2.8
Jib – 70 m	0.88	5.15	5.15	5.15		10.30	10.30	2.48	39.41	2.6
Jib – 65 m	0.88	5.15	5.15			10.30	10.30	2.48	34.26	2.2
Jib – 60 m	0.88	5.15	5.15	5.15			10.30	2.48	29.11	1.9
Jib – 55 m	0.88	5.15	5.15				10.30	2.48	23.96	1.6
Jib – 50 m	0.88	5.15	5.15	5.15				2.48	18.81	1.3
Jib – 45 m	0.88	5.15	5.15					2.48	13.66	1.0
Jib – 40 m	0.88	5.15						2.48	8.51	0.6

Bolt table

Jib length	Stay	Bolts			Spring retainers	
		Quantity	Dimension [mm]	Item no.	Dimension [mm]	Item no.
Jibs all	AL 8	1	Ø 115/100 x 350	30047094	10/60-80, galvanized, yellow	10022204
Jib – 80 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	3	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	3	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
Jib – 75 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	3	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	2	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
Jib – 70 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	2	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	3	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
Jib – 65 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	2	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	2	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
Jib – 60 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	3	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
Jib – 55 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	2	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
Jib – 50 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	-	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	3	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
Jib – 45 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	-	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	2	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204

Jib length	Stay	Bolts			Spring retainers	
		Quantity	Dimension [mm]	Item no.	Dimension [mm]	Item no.
Jib – 40 m	1	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	2	-	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204
	3	1	Ø 90/80 x 220	30047082	10/60-80, galvanized, yellow	10022204

8 Suitable climbing frames

This section contains information on

- Outer climbing units
- Inner climbing units (KSH)

⚠ WARNING

Climbing unit attached to the cat head bottom section

Increased wind surface. The slewing tower crane may overturn.

1) Lower the climbing unit down on the tower, or

2) dismantle the climbing unit.

NOTICE

The operating radius specified is measured from the tower center and is to be considered a reference value. Exact balancing can be achieved by moving the trolley with the tower elements specified in the table or a load and can be checked by moving the end stops of the tower apart without offsets.

8.1 Outer climbing units

NOTICE

If feasible, you should preferably operate your climbing frame without balancing weight.

NOTICE

Tower element on the transfer carriage

The data on climbing balance was specified under the assumption that a tower element is on the transfer carriage.

8.1.1 Outer climbing unit KWH 33

NOTICE

Minimum height for stationary setup:

3 tower elements (15 m tower height)= + Climbing tower piece

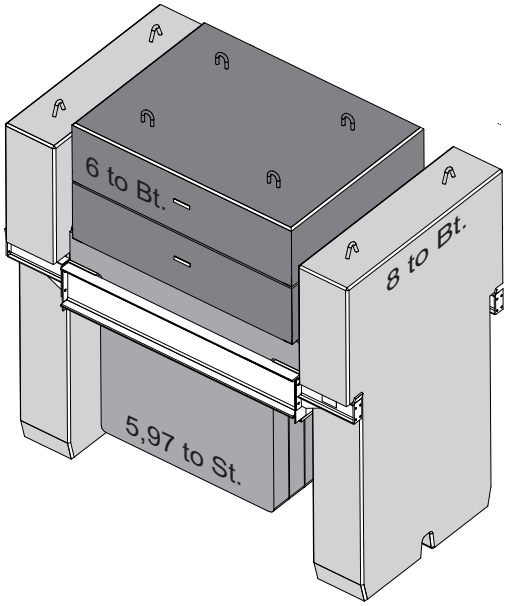
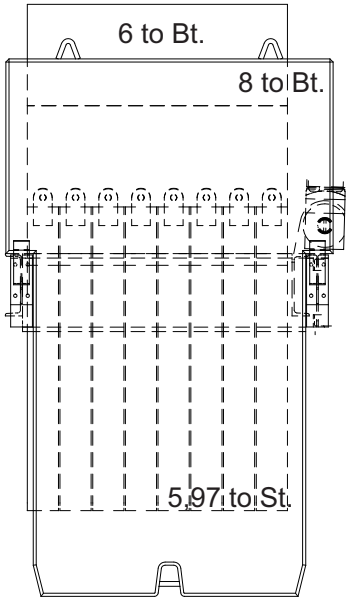
Minimum height for crawling towers:

3 tower elements (15 m tower height) + Climbing tower piece + bogie truck

Climbing radius for the balancing weights

	Jib length [m]								
1250 B	**80**	**75**	**70**	**65**	**60**	**55**	**50**	**45**	**40**
no weight	64.9	68.0	-	-	-	-	-	-	-
Weight = 5.00 t	-	-	50.7	52.6	53.6				
TV 33 = 9.45 t	-	-	-	-	-	44.6	45.2	-	-
Weight = 15.00 t	-	-	-	-	-	-	-	38.2	-
Weight = 17.00 t	-	-	-	-	-	-	-	-	36.6

9 Arrangement of counterweight blocks

Jib length [m]	80	75	70	65	60	55	50	45	40
Total weight 75.76 t									

	8 x	5.97 tons suspended steel weight
	2 x	8 tons suspended concrete weight
	2 x	6 tons lying concrete weight