

LOW TOP TOWER CRANE

RTT 370

A - 16 HR23/HP20_{II / IV / FALLS}

B - 20 HR23/HP20_{II / IV / FALLS}

TECHNICAL DATA SHEET

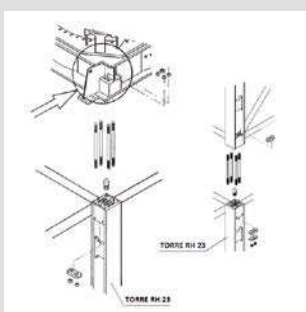


RECOMTM
Moritsch



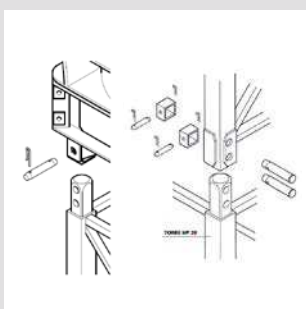
p. 4 RTT 370 A - 16 HR23/HP20

p. 10 RTT 370 B - 20 HR23/HP20



TOWER TYPE HR 23

The well known H beam mast sections with vertical bolts connection will allow greater free standing heights. Available in two versions, heavy duty (HR 23-26) and std duty type (HR 23-22).



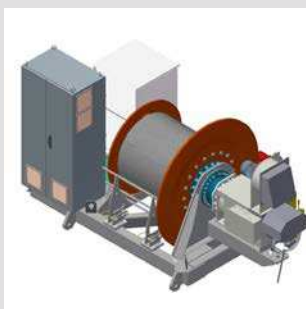
TOWER TYPE HP 20

The famous boxed beams -twin pins connections. Safety and performances trough pins.



CABIN

New design CAB , wider, longer, with improved visibility. Grammer seat and gessman joy-stick for driver cofort and ABB controls for maximum safety. USB door, air con, easy cleaning of windows, 10" or 6" screen included.



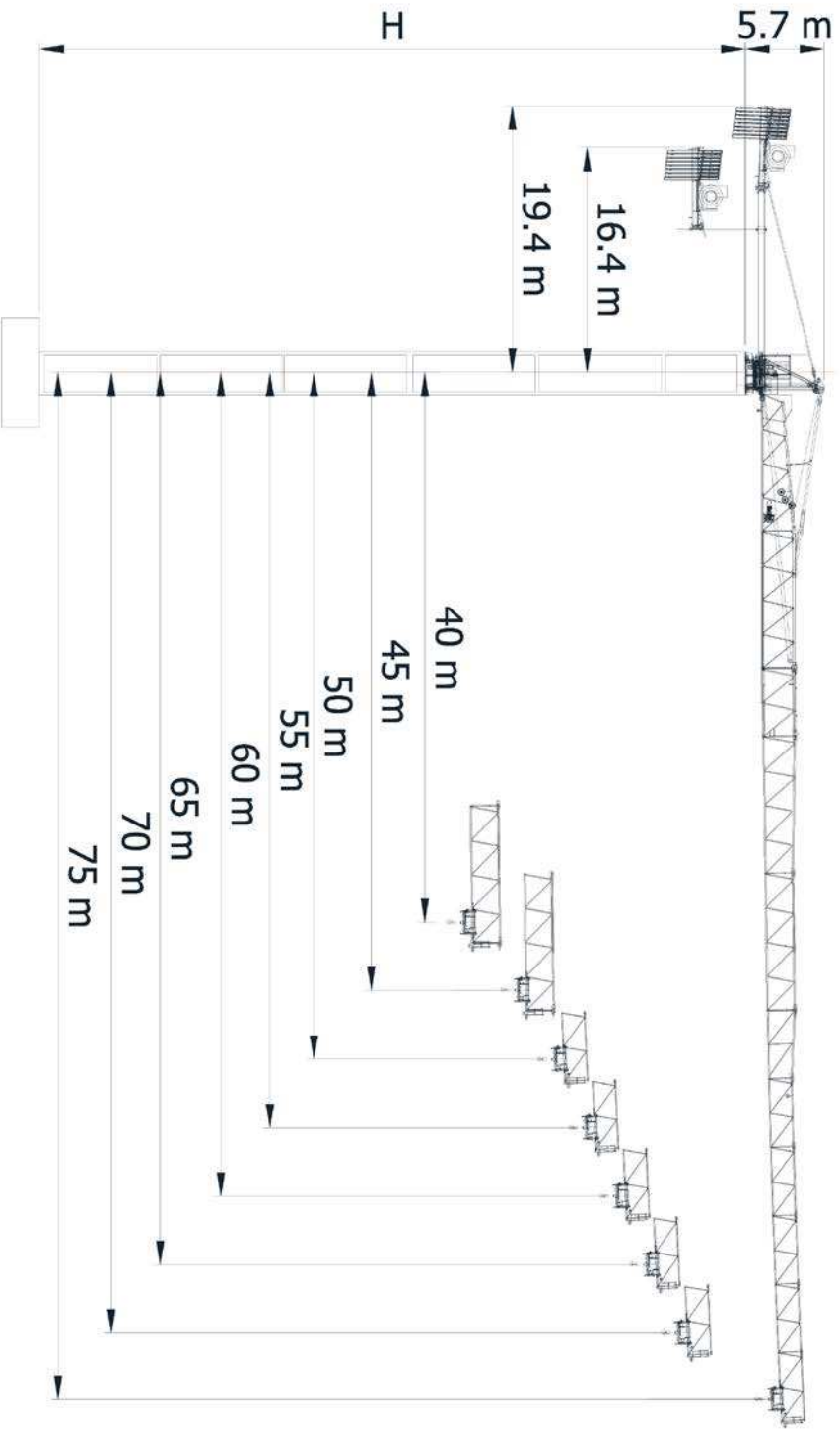
WINCHES

New generation of high power winches, from 45 to 110 kw. New braking system, new reduction gear to grant highest performances ever seen on a low top.

RTT 370

A - 16 HR23/HP20 II / IV / FALLS

 EN 14439: 2009
FEM 1.001 - A3



RTT 370 A - 16 HR23/HP20

RTT 370-16															
	(t)	m	15	20	25	30	35	40	45	50	55	60	65	70	75
	8	40,18	8,0	8,0	8,0	8,0	8,0	8,0	7,0	6,1	5,4	4,9	4,4	4,0	3,6
	8	38,97	8,00	8,00	8,00	8,00	8,00	7,74	6,67	5,82	5,13	4,55	4,07	3,66	3,3
	16	21,89	16,00	16,00	13,68	11,01	9,13	7,74	6,67	5,82	5,13	4,55	4,07	3,66	3,3
	8	41,97	8,00	8,00	8,00	8,00	8,00	8,00	7,35	6,46	5,74	5,14	4,63	4,2	*
	8	40,70	8,00	8,00	8,00	8,00	8,00	8,00	7,05	6,16	5,44	4,84	4,33	3,9	
	16	22,84	16,00	16,00	14,39	11,59	9,63	8,17	7,05	6,16	5,44	4,84	4,33	3,9	
	8	43,80	8,00	8,00	8,00	8,00	8,00	8,00	7,74	6,81	6,06	5,43	4,9	*	
	8	42,48	8,00	8,00	8,00	8,00	8,00	8,00	7,44	6,51	5,76	5,13	4,6		
	16	23,80	16,00	16,00	15,11	12,19	10,14	8,62	7,44	6,51	5,76	5,13	4,6		
	8	44,88	8,00	8,00	8,00	8,00	8,00	8,00	7,97	7,02	6,24	5,6	*		
	8	43,52	8,00	8,00	8,00	8,00	8,00	8,00	7,67	6,72	5,94	5,3			
	16	24,37	16,00	16,00	15,53	12,54	10,43	8,88	7,67	6,72	5,94	5,3			
	8	45,78	8,00	8,00	8,00	8,00	8,00	8,00	8,00	7,19	6,4	*			
	8	44,39	8,00	8,00	8,00	8,00	8,00	8,00	7,87	6,89	6,1				
	16	24,85	16,00	16,00	15,89	12,83	10,68	9,09	7,87	6,89	6,1				
	8	47,39	8,00	8,00	8,00	8,00	8,00	8,00	8,00	7,5	*				
	8	45,95	8,00	8,00	8,00	8,00	8,00	8,00	8,00	7,2					
	16	25,70	16,00	16,00	16,00	13,35	11,13	9,48	8,21	7,2					
	8	45,00	8,00	8,00	8,00	8,00	8,00	8,00	8,0	*					
	8	45,00	8,00	8,00	8,00	8,00	8,00	8,00	8,0						
	16	26,67	16,00	16,00	16,00	13,95	11,64	9,92	8,6						
	8	40,00	8,00	8,00	8,00	8,00	8,00	8,0	*						
	8	40,00	8,00	8,00	8,00	8,00	8,00	8,0							
	16	27,28	16,00	16,00	16,00	14,33	11,96	10,2							
	8	35,00	8,00	8,00	8,00	8,00	8,0	*							
	8	35,00	8,00	8,00	8,00	8,00	8,0								
	16	27,75	16,00	16,00	16,00	14,61	12,2								
	8	30,00	8,00	8,00	8,00	8,0	*								
	8	30,00	8,00	8,00	8,00	8,0									
	16	27,89	16,00	16,00	16,00	14,7									

* = bozzello singolo
= using a single hook block 

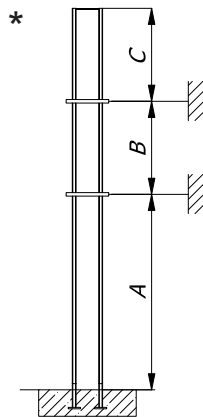
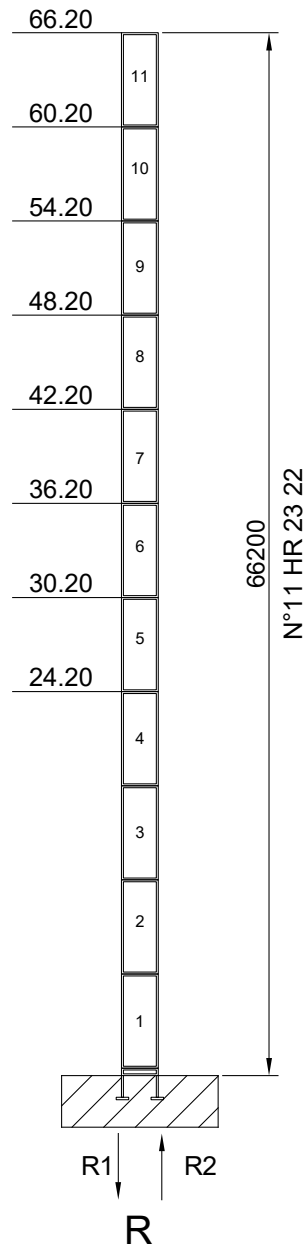


RTT 370 A - 16 HR23/HP20

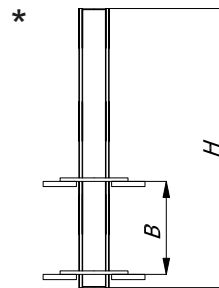
RTT 370-16															
	(t)	ft	15	20	25	30	35	40	45	50	55	60	65	70	75
	17985	131,83	17985	17985	17985	17985	17985	17985	15673	13760	12203	10913	9825	8896	8093
	17985	127,85	17985	17985	17985	17985	17985	17407	14998	13085	11529	10238	9151	8222	7419
	35969	71,82	35969	35969	30757	24751	20533	17407	14998	13085	11529	10238	9151	8222	7419
	17985	137,70	17985	17985	17985	17985	17985	17985	16532	14530	12902	11552	10414	9442	*
	17985	133,54	17985	17985	17985	17985	17985	17985	15857	13856	12228	10878	9740	8768	
	35969	74,93	35969	35969	32344	26061	21647	18377	15857	13856	12228	10878	9740	8768	
	17985	143,71	17985	17985	17985	17985	17985	17985	17409	15318	13616	12205	11016	*	
	17985	139,36	17985	17985	17985	17985	17985	17985	16735	14643	12942	11530	10341		
	35969	78,10	35969	35969	33965	27398	22786	19369	16735	14643	12942	11530	10341		
	17985	147,24	17985	17985	17985	17985	17985	17985	17926	15781	14036	12589	*		
	17985	142,79	17985	17985	17985	17985	17985	17985	17252	15107	13362	11915			
	35969	79,97	35969	35969	34920	28186	23456	19952	17252	15107	13362	11915			
	17985	150,20	17985	17985	17985	17985	17985	17985	17985	16169	14388	*			
	17985	145,65	17985	17985	17985	17985	17985	17985	17684	15494	13713				
	35969	81,53	35969	35969	35718	28845	24017	20440	17684	15494	13713				
	17985	155,48	17985	17985	17985	17985	17985	17985	17985	16861	*				
	17985	150,76	17985	17985	17985	17985	17985	17985	17985	16186					
	35969	84,32	35969	35969	35969	30021	25018	21311	18455	16186					
	17985	147,65	17985	17985	17985	17985	17985	17985	17985	*					
	17985	147,65	17985	17985	17985	17985	17985	17985	17985						
	35969	87,50	35969	35969	35969	31360	26158	22304	19334						
	17985	131,24	17985	17985	17985	17985	17985	17985	*						
	17985	131,24	17985	17985	17985	17985	17985	17985							
	35969	89,50	35969	35969	35969	32206	26878	22931	*						
	17985	114,84	17985	17985	17985	17985	17985	*							
	17985	114,84	17985	17985	17985	17985	17985								
	35969	91,03	35969	35969	35969	32850	27427								
	17985	98,43	17985	17985	17985	17985	*								
	17985	98,43	17985	17985	17985	17985									
	35969	91,50	35969	35969	35969	33047									

* = using a single hook block

HR23



EXTERNAL CLIMBING



INTERNAL CLIMBING

* Please ask tech. Dept.

(C25) FEM 1.004 out of service wind conditions

Different height and tower combinations are available - please consult us



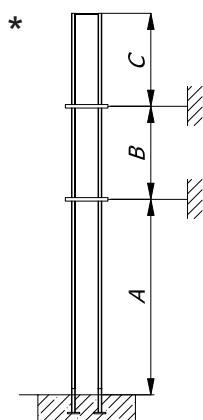
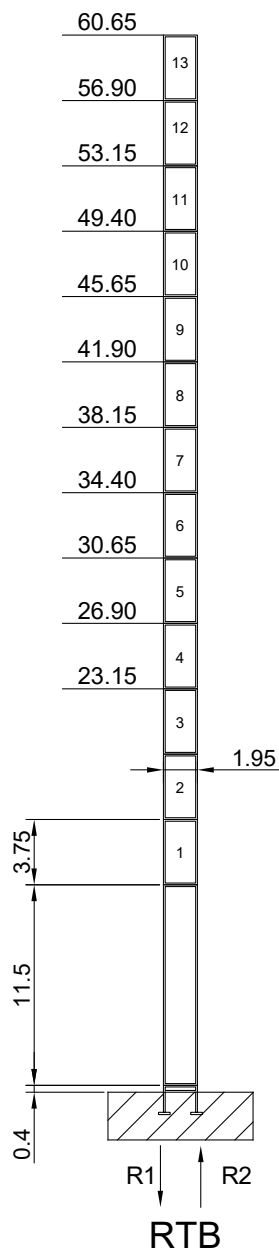
HP20



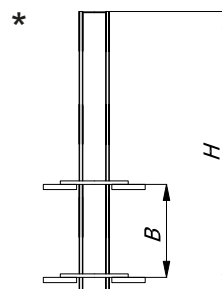
RTT 370 A - 16 HR23/HP20

8

V2 - 06/17 - Subject to change without notice



EXTERNAL CLIMBING

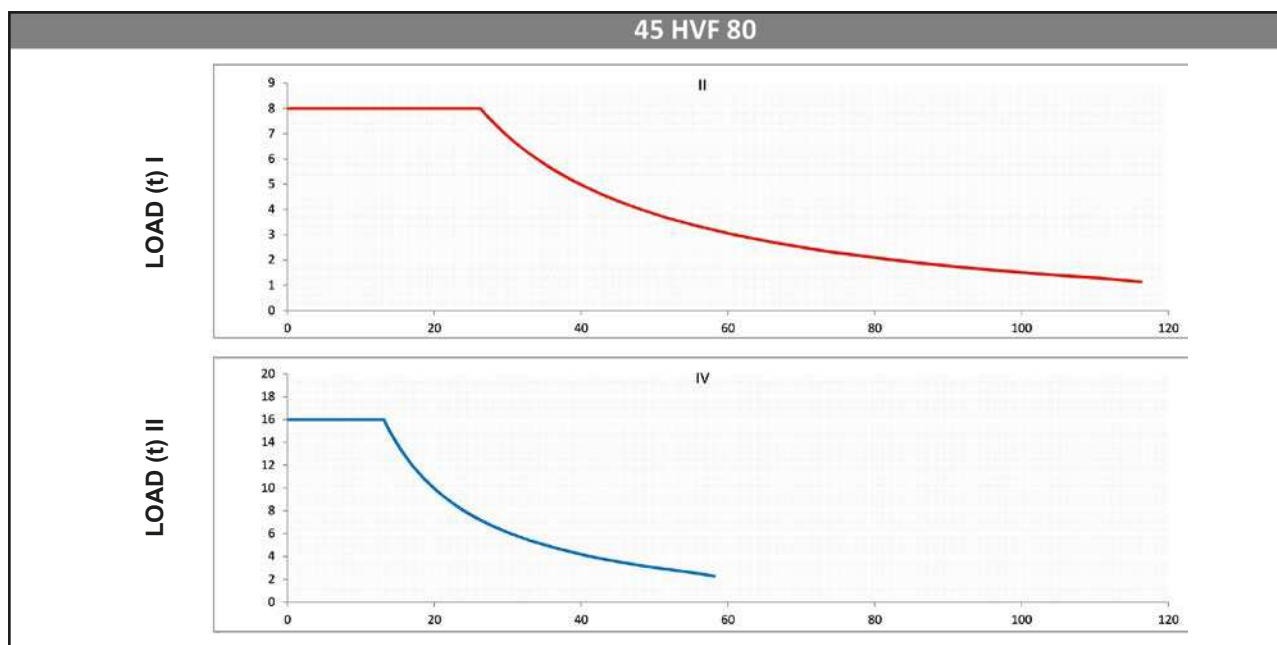


INTERNAL CLIMBING

* Please ask tech. Dept.

(C25) FEM 1.004 out of service wind conditions

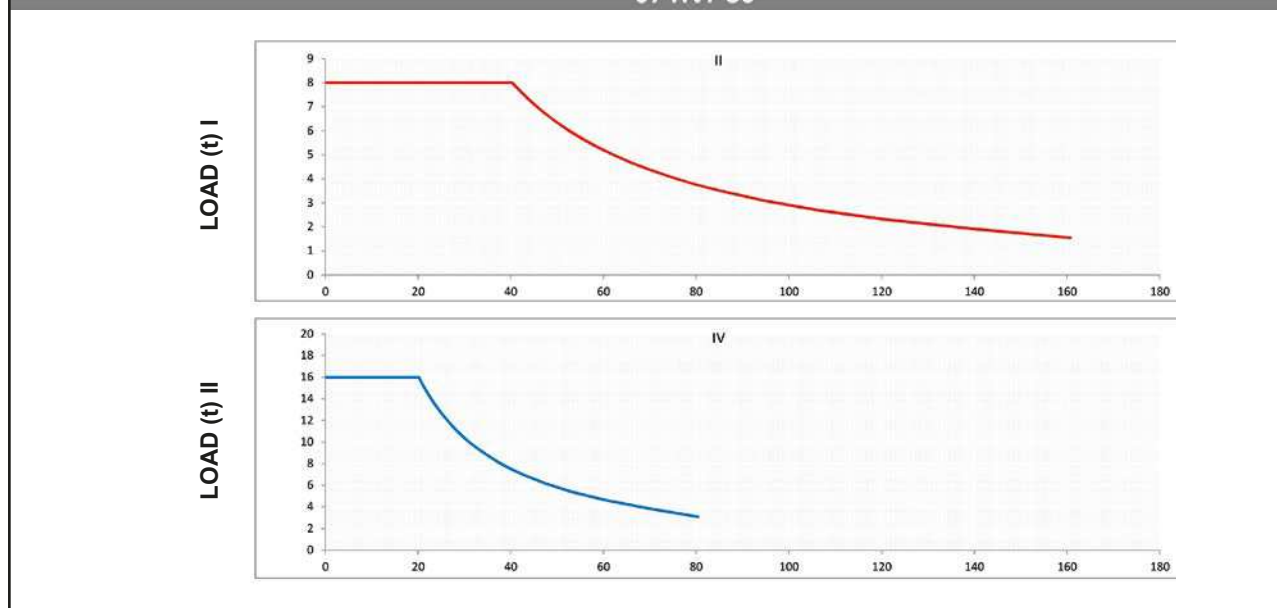
Different height and tower combinations are available - please consult us



HOISTING

			t	m/min			kW	
	45 HVF 80		8	0	→	26	45	920 m
			6	0	→	34		
			3,7	0	→	51		
			1,3	0	→	110		
			16	0	→	13,0		
			11	0	→	18		
			7	0	→	27		
			2,6	0	→	55		

67 HVF 80



HOISTING

			t	m/min			kW	
	67 HVF 80		8	0	→	40	67	920 m
			6	0	→	53		
			3	0	→	95		
			1,5	0	→	160		
			16	0	→	20		
			12	0	→	26		
			10	0	→	31		
			3,8	0	→	69		



Hoisting Winch 45-67 kW

Max rope on drum: 920 m



Trolley Winch 11 kW

0 - 95 m/min

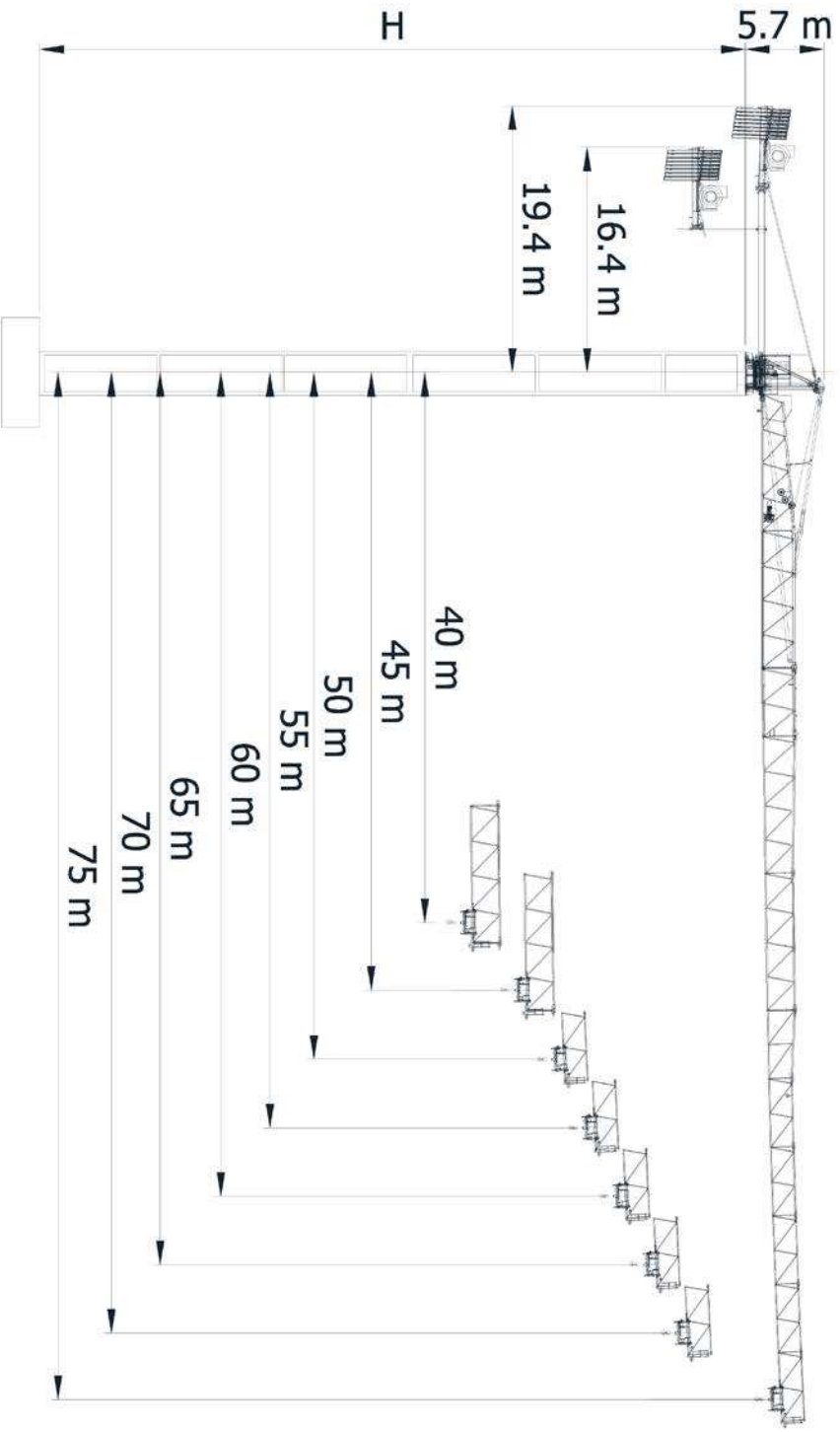
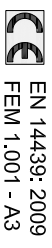


Slewing 2 x 8 kW

0.75 rpm

RTT 370

B - 20 HR23/HP20 II / IV / FALLS



RTT 370-20															
	(t)	m	15	20	25	30	35	40	45	50	55	60	65	70	75
	10	33,32	10,00	10,00	10,00	10,00	9,43	8,04	6,97	6,12	5,43	4,85	4,37	3,96	3,6
	10	32,49	10,00	10,00	10,00	10,00	9,13	7,74	6,67	5,82	5,13	4,55	4,07	3,66	3,3
	20	18,10	20,00	17,79	13,68	11,01	9,13	7,74	6,67	5,82	5,13	4,55	4,07	3,66	3,3
	10	34,79	10,00	10,00	10,00	10,00	9,93	8,47	7,35	6,46	5,74	5,14	4,63	4,2	*
	10	33,93	10,00	10,00	10,00	10,00	9,63	8,17	7,05	6,16	5,44	4,84	4,33	3,9	
	20	18,87	20,00	18,68	14,39	11,59	9,63	8,17	7,05	6,16	5,44	4,84	4,33	3,9	
	10	36,30	10,00	10,00	10,00	10,00	10,00	8,92	7,74	6,81	6,06	5,43	4,9	*	
	10	35,39	10,00	10,00	10,00	10,00	10,00	8,62	7,44	6,51	5,76	5,13	4,6		
	20	18,66	20,00	19,60	15,11	12,19	10,14	8,62	7,44	6,51	5,76	5,13	4,6		
	10	37,18	10,00	10,00	10,00	10,00	10,00	9,18	7,97	7,02	6,24	5,6	*		
	10	36,26	10,00	10,00	10,00	10,00	10,00	8,88	7,67	6,72	5,94	5,3			
	20	20,12	20,00	20,00	15,53	12,54	10,43	8,88	7,67	6,72	5,94	5,3			
	10	37,92	10,00	10,00	10,00	10,00	10,00	9,39	8,17	7,19	6,4	*			
	10	36,98	10,00	10,00	10,00	10,00	10,00	9,09	7,87	6,89	6,1				
	20	20,51	20,00	20,00	15,89	12,83	10,68	9,09	7,87	6,89	6,1				
	10	39,25	10,00	10,00	10,00	10,00	10,00	9,78	8,51	7,5	*				
	10	38,27	10,00	10,00	10,00	10,00	10,00	9,48	8,21	7,2					
	20	21,20	20,00	20,00	16,52	13,35	11,13	9,48	8,21	7,2					
	10	40,76	10,00	10,00	10,00	10,00	10,00	10,00	8,9	*					
	10	39,74	10,00	10,00	10,00	10,00	10,00	9,92	8,6						
	20	21,99	20,00	20,00	17,24	13,95	11,64	9,92	8,6						
	10	40,00	10,00	10,00	10,00	10,00	10,00	10,00	10,0	*					
	10	40,00	10,00	10,00	10,00	10,00	10,00	10,00	10,0						
	20	22,49	20,00	20,00	17,70	14,33	11,96	10,2							
	10	35,00	10,00	10,00	10,00	10,00	10,0	*							
	10	35,00	10,00	10,00	10,00	10,00	10,0								
	20	22,87	20,00	20,00	18,05	14,61	12,2								
	10	30,00	10,00	10,00	10,00	10,0	*								
	10	30,00	10,00	10,00	10,00	10,0									
	20	22,98	20,00	20,00	18,15	14,7									

* = bozzello singolo
= using a single hook block

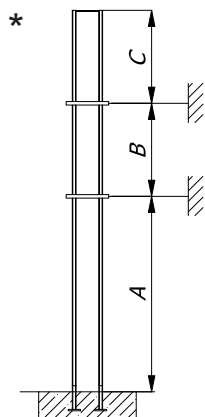
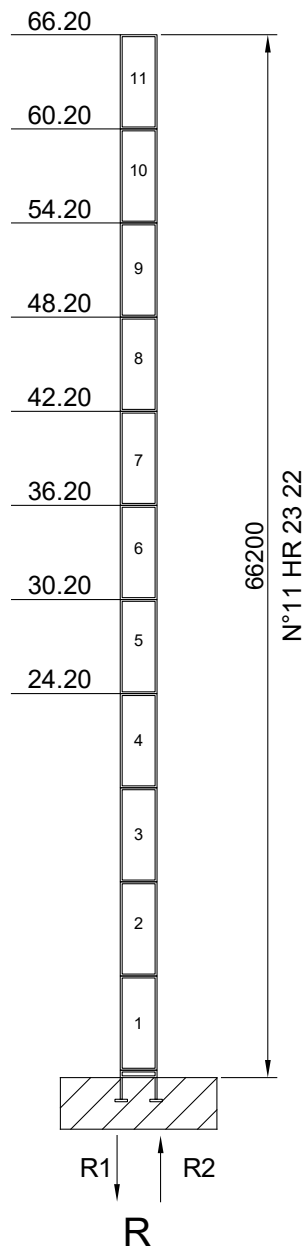




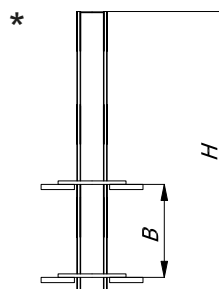
RTT 370-20															
	(lb)	ft	15	20	25	30	35	40	45	50	55	60	65	70	75
	22481	109,31	22481	22481	22481	22481	21207	18081	15673	13760	12203	10913	9825	8996	8093
	22481	106,60	22481	22481	22481	22481	20533	17407	14998	13085	11529	10238	9151	8222	7419
	44962	59,37	44962	39992	30757	24751	20533	17407	14998	13085	11529	10238	9151	8222	7419
	22481	114,14	22481	22481	22481	22481	22322	19052	16532	14530	12902	11552	10414	9442	*
	22481	111,31	22481	22481	22481	22481	21647	18377	15857	13856	12228	10878	9740	8768	
	44962	61,90	44962	42005	32344	26061	21647	18377	15857	13856	12228	10878	9740	8768	
	22481	119,09	22481	22481	22481	22481	22481	20043	17409	15318	13616	12205	11016	*	
	22481	116,12	22481	22481	22481	22481	22481	19369	16735	14643	12942	11530	10341		
	44962	64,49	44962	44063	33965	27398	22786	19369	16735	14643	12942	11530	10341		
	22481	122,00	22481	22481	22481	22481	22481	20627	17926	15781	14036	12589	*		
	22481	118,96	22481	22481	22481	22481	22481	19952	17252	15107	13362	11915			
	44962	66,01	44962	44962	34920	28186	23456	19952	17252	15107	13362	11915			
	22481	124,43	22481	22481	22481	22481	22481	21115	18358	16169	14388	*			
	22481	121,33	22481	22481	22481	22481	22481	20440	17684	15494	13713				
	44962	67,28	44962	44962	35718	28845	24017	20440	17684	15494	13713				
	22481	128,77	22481	22481	22481	22481	22481	21986	19129	16861	*				
	22481	125,56	22481	22481	22481	22481	22481	21311	18455	16186					
	44962	69,56	44962	44962	37143	30021	25018	21311	18455	16186					
	22481	133,72	22481	22481	22481	22481	22481	22481	20008	*					
	22481	130,38	22481	22481	22481	22481	22481	22304	19334						
	44962	72,15	44962	44962	38766	31360	26158	22304	19334						
	22481	131,24	22481	22481	22481	22481	22481	22481	*						
	22481	131,24	22481	22481	22481	22481	22481	22481	22481						
	44962	73,78	44962	44962	39791	32206	26878	22931							
	22481	114,84	22481	22481	22481	22481	22481	*							
	22481	114,84	22481	22481	22481	22481	22481								
	44962	75,03	44962	44962	40572	32850	27427								
	22481	98,43	22481	22481	22481	22481	*								
	22481	98,43	22481	22481	22481	22481									
	44962	75,41	44962	44962	40810	33047									

* = using a single hook block

HR23



EXTERNAL CLIMBING



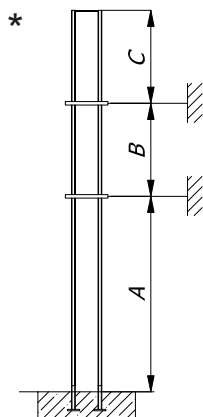
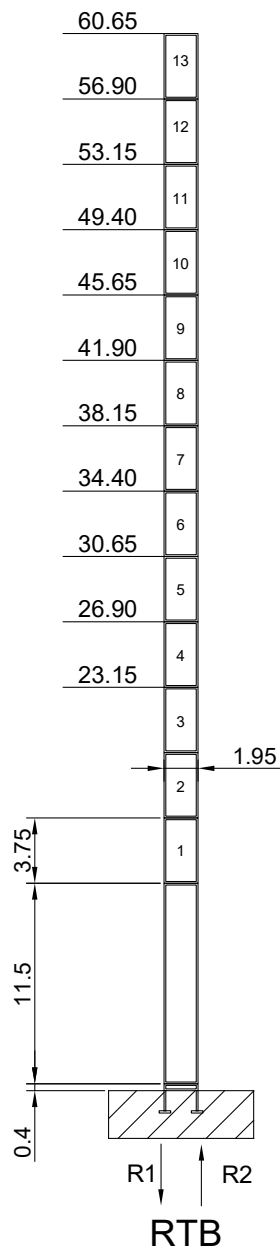
INTERNAL CLIMBING

* Please ask tech. Dept.

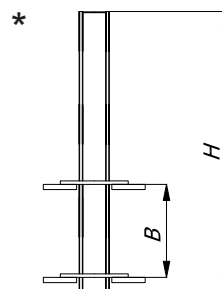
(C25) FEM 1.004 out of service wind conditions

Different height and tower combinations are available - please consult us

HP20



EXTERNAL CLIMBING



INTERNAL CLIMBING

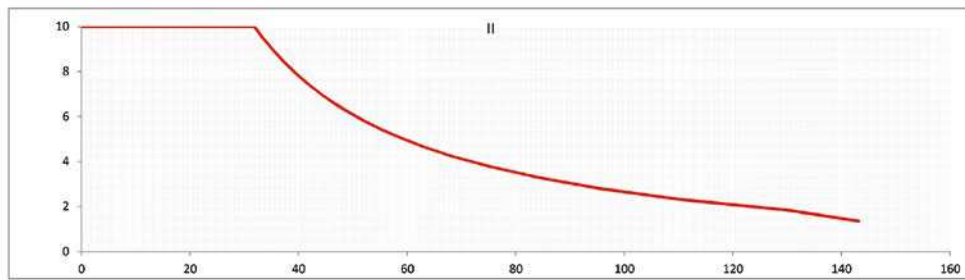
* Please ask tech. Dept.

(C25) FEM 1.004 out of service wind conditions

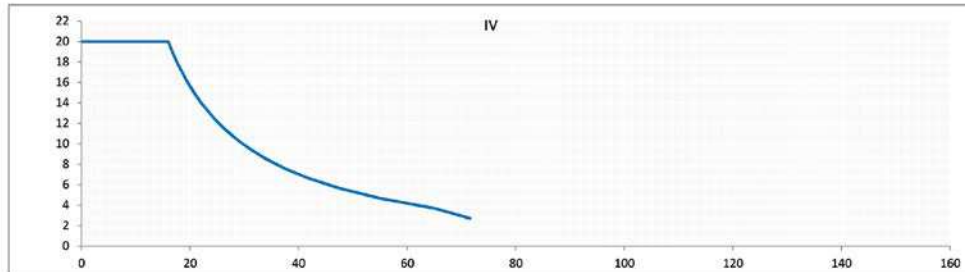
Different height and tower combinations are available - please consult us

67 HVF 100

LOAD (t) I



LOAD (t) II

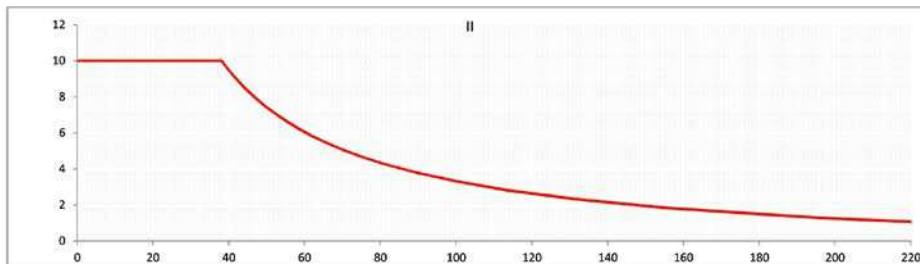


HOISTING

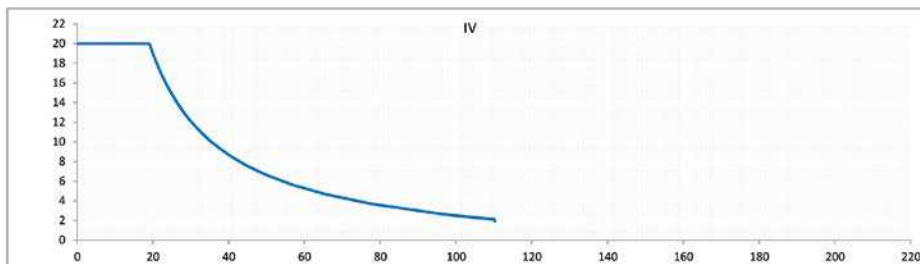
			t	m/min			kW	
	67 HVF 100		10	0	→	32	67	920 m
			6	0	→	51		
			3	0	→	91		
			1,4	0	→	143		
			20	0	→	16		
			12	0	→	25		
			9	0	→	32		
			2,8	0	→	71		

80 HVF 100

LOAD (t) I



LOAD (t) II



HOISTING

			t	m/min			kW	
	80 HVF 100		10	0	→	38	80	920 m
			6	0	→	60		
			3	0	→	108		
			1,1	0	→	210		
			20	0	→	16		
			12	0	→	30		
			9	0	→	54		
			2,2	0	→	105		



Hoisting Winch 67-80 kW

Max rope on drum: 920 m



Trolley Winch 11 kW

0 - 95 m/min



Slewing 2 x 8 kW

0.75 rpm



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