

LUFFING JIB TOWER CRANE

RTL 265-18

HP20_{II / III / IV FALLS}

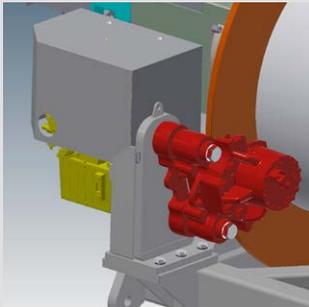
TECHNICAL DATA SHEET



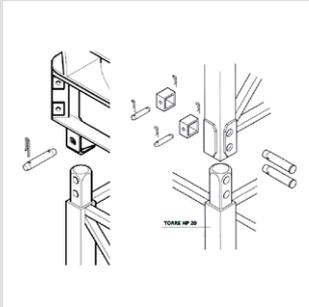
RECOMTM
Moritsch



알엠디인터내셔널(주)



NEW STROMAG SAFETY BRAKE ON HOIST DRUM



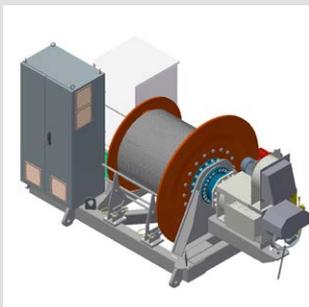
TOWER TYPE HP 20

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.



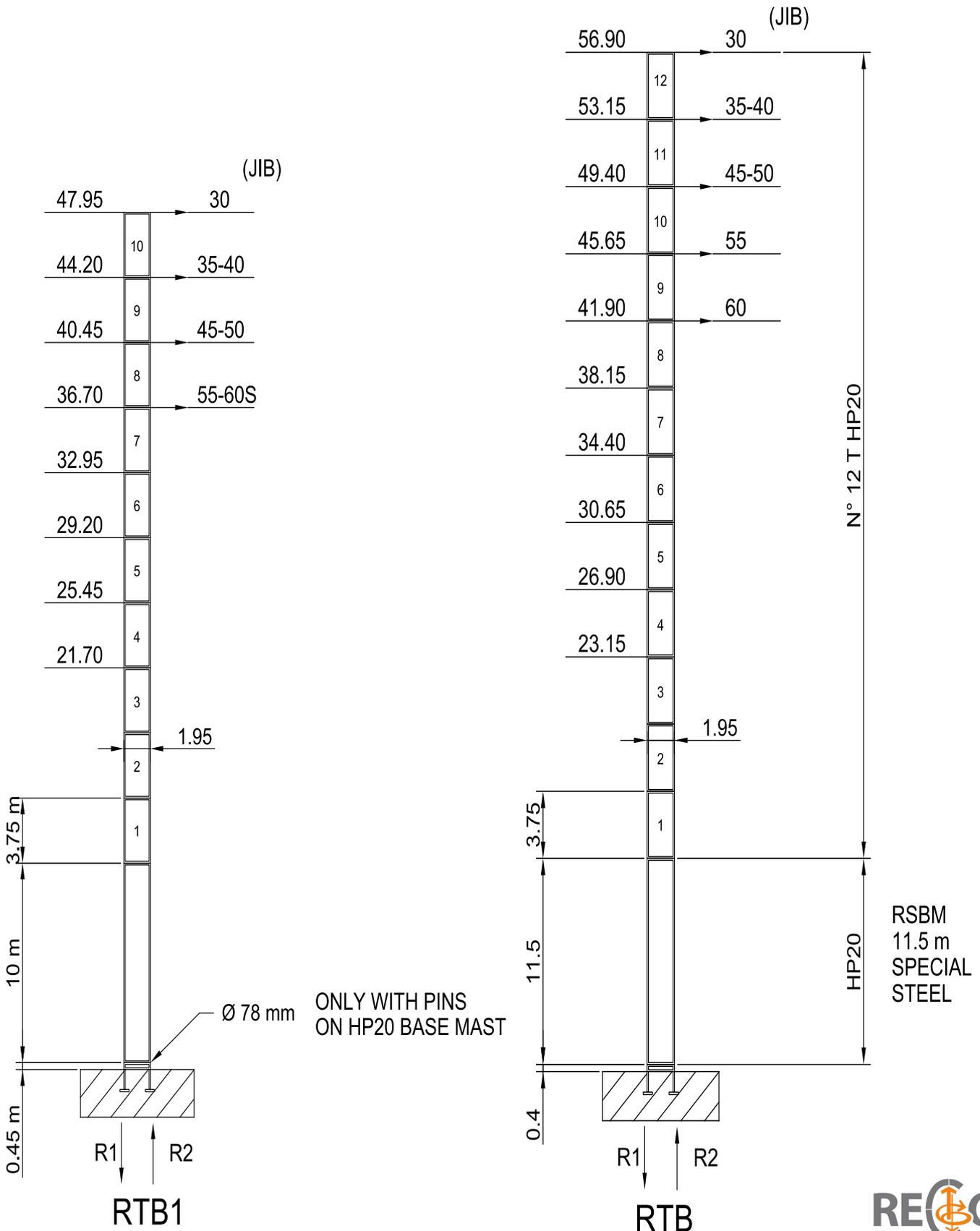
WINCHES

New generation of high power winches, from 67 to 110 kw.
New braking system, new reduction gear to grant highest
performances ever seen on a luffer.

RTL 265-18

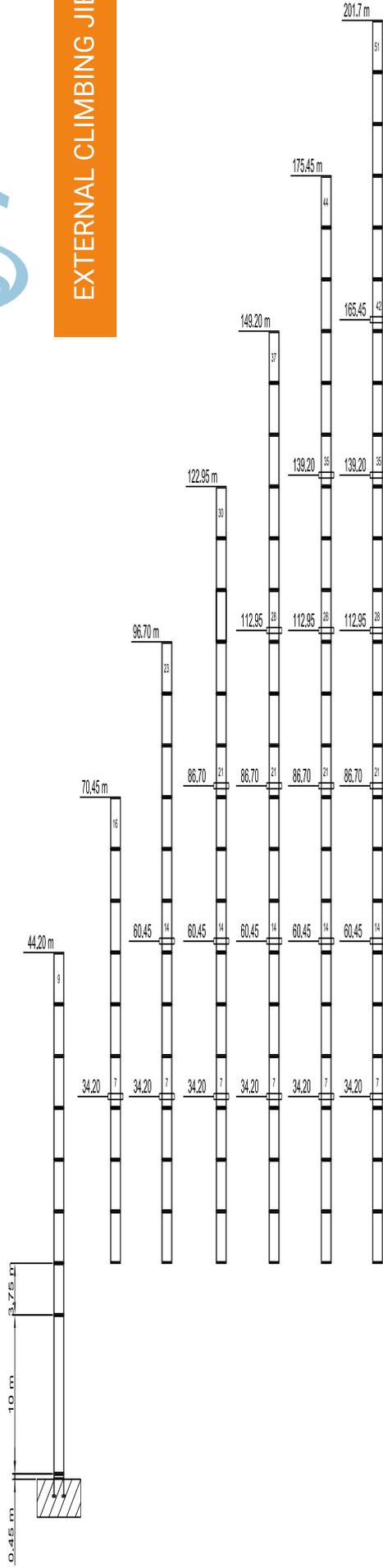
HP20 II / III / IV FALLS

TECHNICAL DATA SHEET



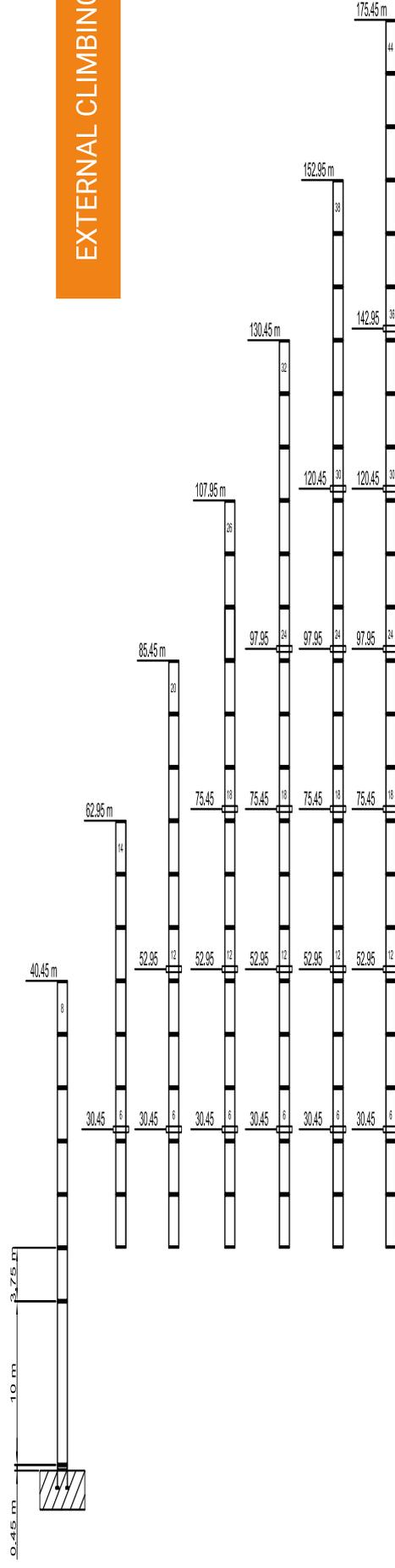


EXTERNAL CLIMBING JIB 35-40



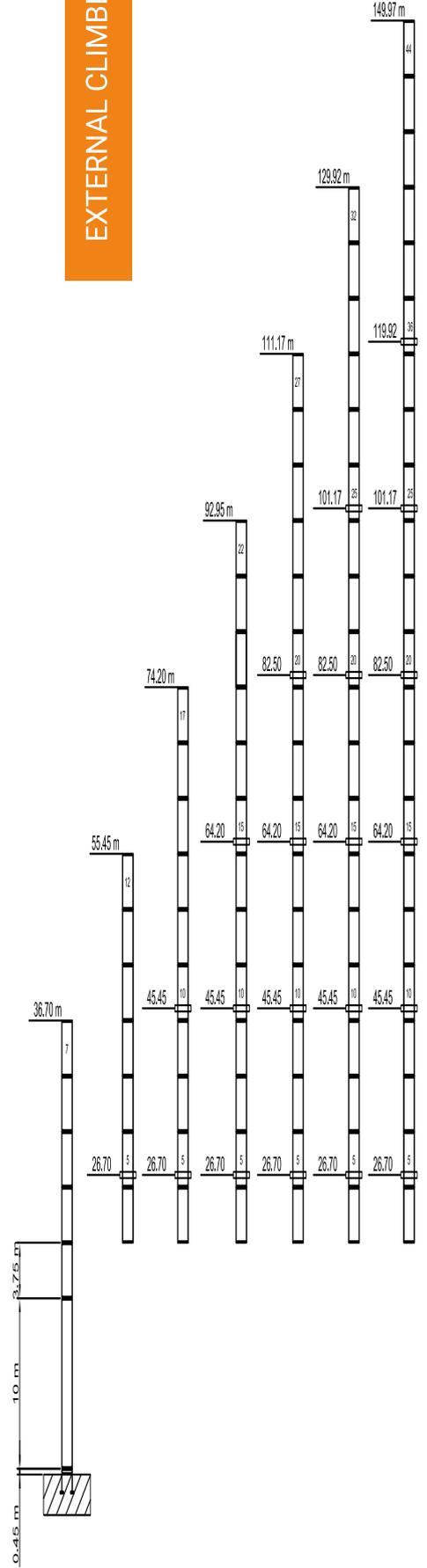
RTB1

EXTERNAL CLIMBING JIB 45-50

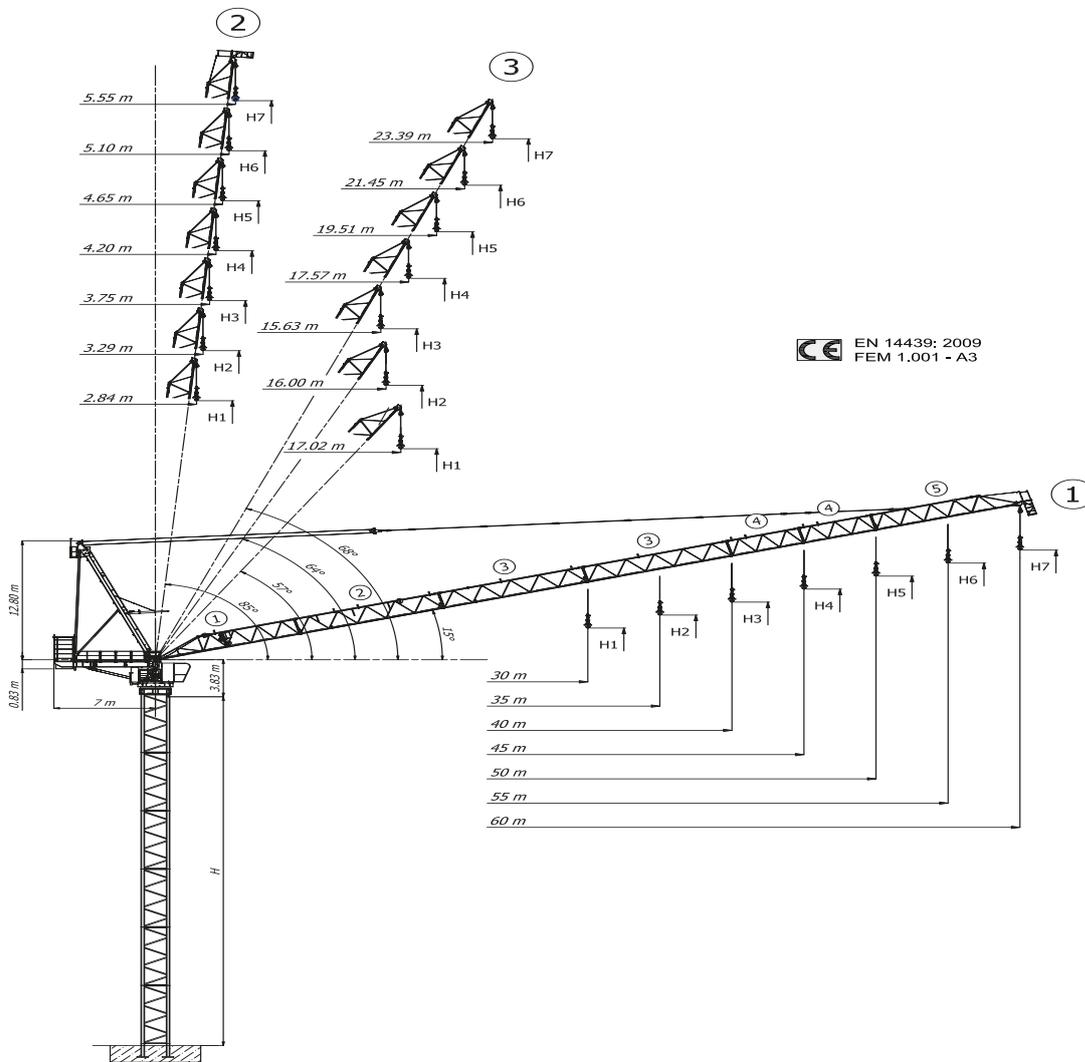


RTB1

EXTERNAL CLIMBING JIB 55-60



RTB1



RTL 265 B - 18

t	m	15	20	25	30	35	40	45	50	55	60
9 t	28,41 m	t	9,00	9,00	9,00	8,33	6,60	5,31	4,31	3,51	2,30
13,5 t	20,64 m	t	13,50	13,50	10,49	8,13	6,43	5,16	4,18	3,39	2,20
9 t	29,64 m	t	9,00	9,00	9,00	8,85	7,07	5,74	4,71	3,88	3,20
13,5 t	21,21 m	t	13,50	13,50	10,89	8,45	6,70	5,40	4,38	3,57	2,90 *
16 t	18,53 m	t	16,00	14,55	10,89	8,45	6,70	5,40	4,38	3,57	2,90
9 t	32,57 m	t	9,00	9,00	9,00	9,00	8,14	6,71	5,59	4,70	
13,5 t	23,26 m	t	13,50	13,50	12,31	9,68	7,79	6,38	5,28	4,40 *	
18 t	18,39 m	t	18,00	16,27	12,31	9,68	7,79	6,38	5,28	4,40	
9 t	33,48 m	t	9,00	9,00	9,00	9,00	8,47	7,03	5,90		
13,5 t	23,82 m	t	13,50	13,50	12,71	10,04	8,14	6,71	5,60 *		
18 t	18,78 m	t	18,00	16,70	12,71	10,04	8,14	6,71	5,60		
9 t	34,22 m	t	9,00	9,00	9,00	9,00	8,74	7,30			
13,5 t	24,18 m	t	13,50	13,50	12,96	10,31	8,42	7,00 *			
18 t	18,98 m	t	18,00	16,93	12,96	10,31	8,42	7,00			
9 t	34,40 m	t	9,00	9,00	9,00	9,00	8,80				
13,5 t	24,30 m	t	13,50	13,50	13,04	10,39	8,50 *				
18 t	19,05 m	t	18,00	17,01	13,04	10,39	8,50				
9 t	30,00 m	t	9,00	9,00	9,00	9,00					
13,5 t	24,34 m	t	13,50	13,50	13,06	10,40 *					
18 t	19,10 m	t	18,00	17,06	13,06	10,40					

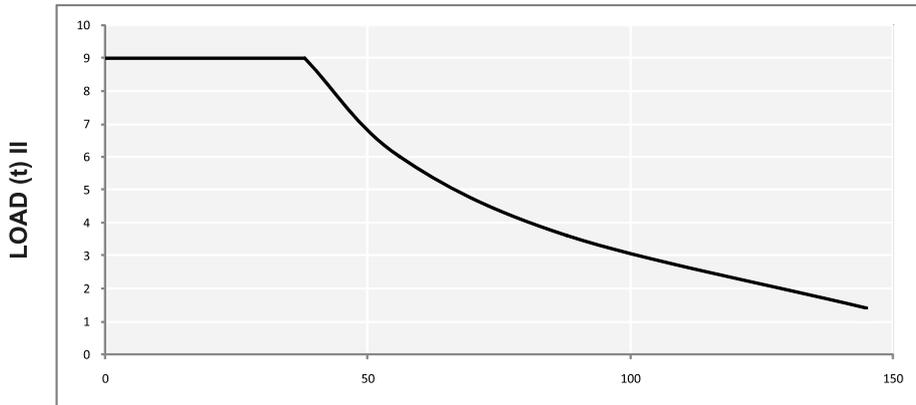
* = + 200 kg using single block

Hoisting rope weight not included into the above chart - reduce the lifting performance with the following amount dependig on final crane height:

Rope weight:		
II FALL	2,534 kg/m →	1,70 lb/ft
III FALL	3,801 kg/m →	2,55 lb/ft
IV FALL	5,068 kg/m →	3,41 lb/ft



67 HVF 90



HOISTING

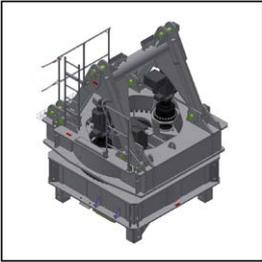
				t	m/min		kW	
	67 HVF 90	II		9	0	→	38	67
				6	0	→	56	
				3,6	0	→	88	
				1,4	0	→	145	
	67 HVF 90	III		13,5	0	→	25	
				9	0	→	37	
				5,4	0	→	58	
	67 HVF 90	IV		2,1	0	→	96	
				18	0	→	19	
				12	0	→	28	
				7,2	0	→	44	
			2,8	0	→	72		

- Hoisting Winch 67 kW
Max rope on drum: 970 (1150 optional)

- Luffing Winch 67 kW
15° → 85° = 1.8 min.

- Slewing 2 x 10.8 kW
0.75 rpm.

PACKING LIST



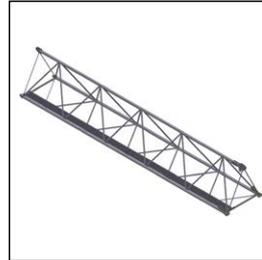
**SLEWING RING
SUPPORT HP20
+ UPPER SLEWING RING
SUPPORT A-FRAME**
quantity: 1
width: 2,35 m
length: 2,59 m
height: 3,36 m
weight: 10800 kg



JIB SECTION 1B
quantity: 1
width: 1,76 m
length: 10,56 m
height: 1,76 m
weight: 2140 kg



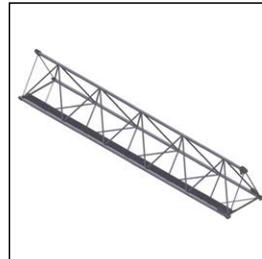
**SLEW. RING SUPPORT
+ CAB PLATFORM
+ CAB + F.M.B ASSEMBLY**
quantity: 1
width: 1,95 m
length: 4,65 m
height: 2,25 m
weight: 2200 kg



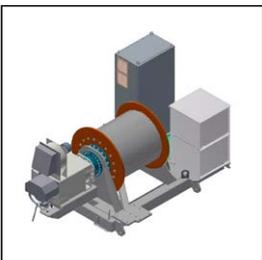
JIB SECTION 2
quantity: 1
width: 1,76 m
length: 10,53 m
height: 1,76 m
weight: 1340 kg



**COUNTERJIB
+ PLATFORMS
+ COUNTERJIB
+ PLATFORMS
+ RETAINER FRAME**
quantity: 1
width: 4,76 m
length: 7,60 m
height: 2,01 m
weight: 7000 kg



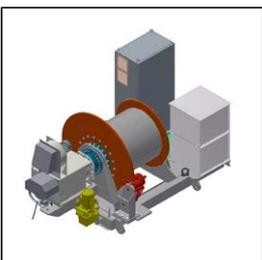
JIB SECTION 3
quantity: 2
width: 1,76 m
length: 10,53 m
height: 1,76 m
weight: 1150 kg



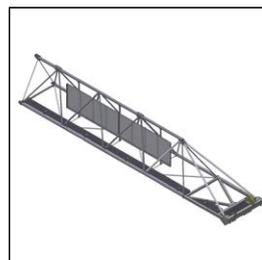
**HOISTING WINCH
67 HVF90-F16 R00
67 kW
(Complete with rope 970m)**
quantity: 1
width: 1,94 m
length: 3,38 m
height: 1,91 m
weight: 5350 kg



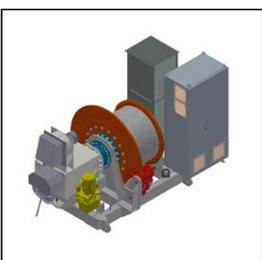
JIB SECTION 4
quantity: 2
width: 1,76 m
length: 5,35 m
height: 1,76 m
weight: 580 kg



**HOISTING WINCH
67 HVF90-F16 R01
67 kW
(Complete with rope 970m)**
quantity: 1
width: 1,94 m
length: 3,38 m
height: 1,91 m
weight: 5750 kg



JIB SECTION 5B
quantity: 1
width: 1,76 m
length: 10,60 m
height: 1,76 m
weight: 1370 kg

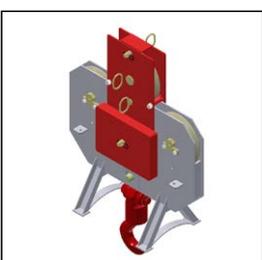


**LUFFING WINCH
LVF67-F16
67 kW
(Complete with rope 290m)**
quantity: 1
width: 1,70 m
length: 3,05 m
height: 1,87 m
weight: 4350 kg



**A-FRAME UNIT
(A-FRAME HEAD
+ A-FRAME MAIN FRAME
+ A-FRAME TIE-BAR
+ PLATFORM A and B A-FRAME
LADDERS
+ SECTION DIVIDER
+ MOBILE SHEAVE
+ JIB EXPELLER)**

quantity: 1
width: 2,46 m
length: 7,15 m
height: 12,90 m
weight: 6000 kg



FALL HOIST BLOCK
quantity: 1
width: 0,52 m
length: 1,19 m
height: 1,75 m
weight: 720 kg





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