

LUFFING JIB TOWER CRANE

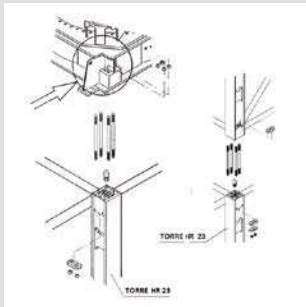
RTL 315-20

HR23/HP20_{II / III / IV FALLS}

TECHNICAL DATA SHEET

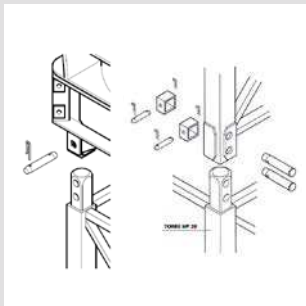


RECOMTM
Moritsch



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).



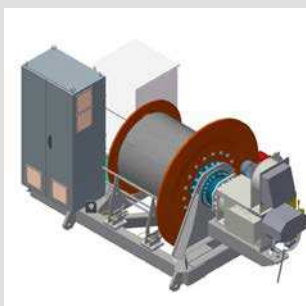
TOWER TYPE HP 20

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

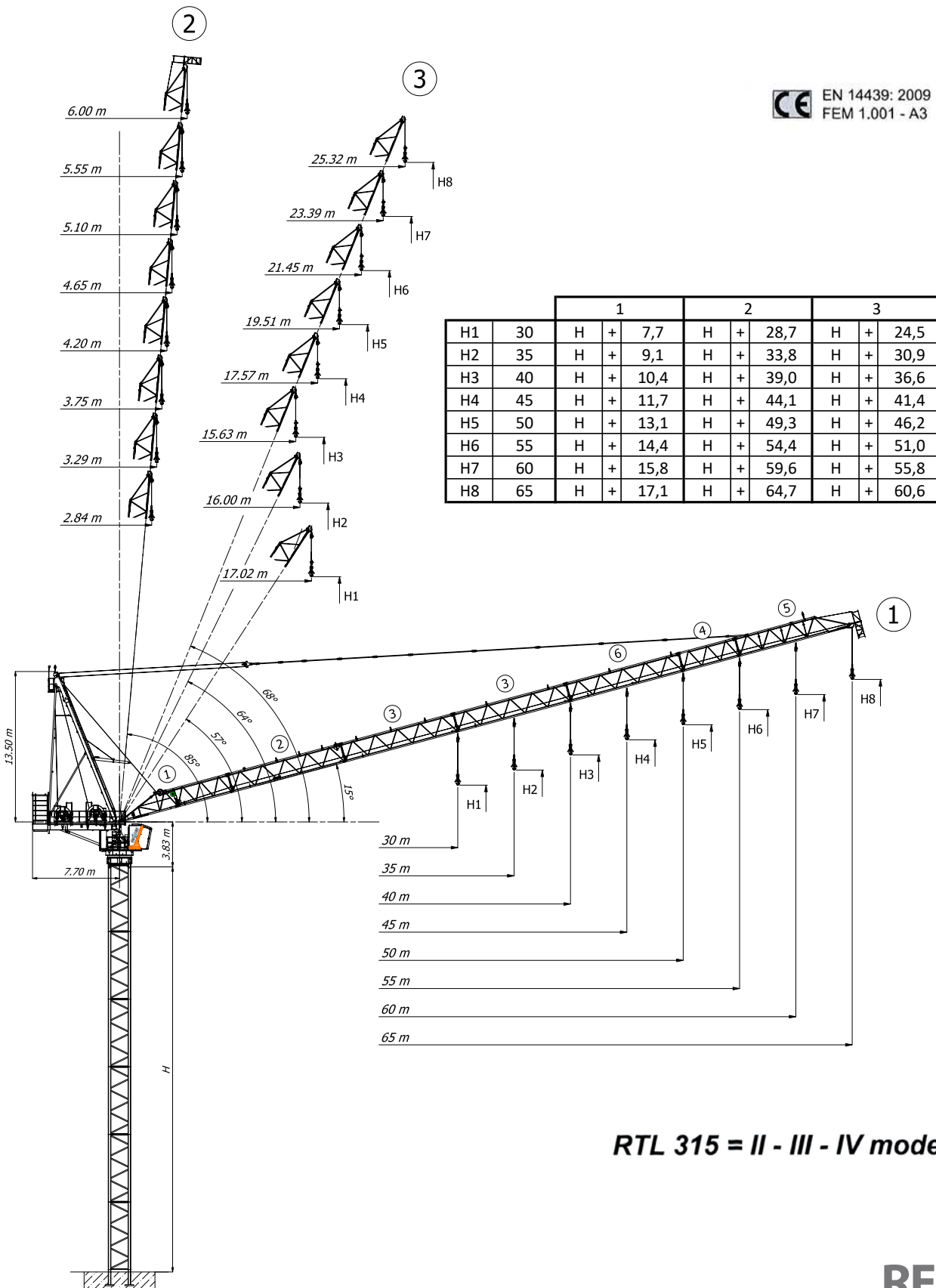
New generation of high power winches, from 67 to 110 kw. New braking system, new reduction gear to grant highest performances ever seen on a luffer.

RTL 315-20

HR23/HP20 II / III / IV FALLS

TECHNICAL DATA SHEET

CE EN 14439: 2009
FEM 1.001 - A3



RTL 315 = II - III - IV model

RTL 315-20 HR23/HP20

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V3 - 11/17 - Subject to change without notice

RECOM
Moritsch

Courtesy of Crane.Market

RTL 315 /20

	t		m	15	20	25	30	35	40	45	50	55	60	65
	10 t	28,23 m	t	10,00	10,00	10,00	9,17	7,27	5,84	4,73	3,84	3,12	2,51	2,00

	10 t	31,39 m	t	10,00	10,00	10,00	10,00	8,55	6,98	5,75	4,77	3,97	3,30	
	15 t	22,83 m	t	15,00	15,00	13,35	10,45	8,38	6,83	5,62	4,65	3,86	3,20	

	10 t	33,24 m	t	10,00	10,00	10,00	10,00	9,30	7,65	6,37	5,34	4,50		
	15 t	23,92 m	t	15,00	15,00	14,17	11,13	8,95	7,32	6,05	5,03	4,20		
	18 t	20,67 m	t	18,00	18,00	14,17	11,13	8,95	7,32	6,05	5,03	4,20		

	10 t	35,36 m	t	10,00	10,00	10,00	10,00	10,00	8,42	7,07	6,00			
	15 t	25,35 m	t	15,00	15,00	15,00	12,08	9,80	8,09	6,76	5,70			
	20 t	20,04 m	t	20,00	20,00	15,27	12,08	9,80	8,09	6,76	5,70			

	10 t	36,61 m	t	10,00	10,00	10,00	10,00	10,00	8,87	7,50				
	15 t	26,15 m	t	15,00	15,00	15,00	12,61	10,29	8,55	7,20				
	20 t	20,61 m	t	20,00	20,00	15,85	12,61	10,29	8,55	7,20				

	10 t	37,24 m	t	10,00	10,00	10,00	10,00	10,00	9,10					
	15 t	26,40 m	t	15,00	15,00	15,00	12,82	10,52	8,80					
	20 t	20,72 m	t	20,00	20,00	16,03	12,82	10,52	8,80					

	10 t	35,00 m	t	10,00	10,00	10,00	10,00	10,00	10,00					
	15 t	26,51 m	t	15,00	15,00	15,00	12,89	10,60						
	20 t	20,78 m	t	20,00	20,00	16,10	12,89	10,60						

	10 t	30,00 m	t	10,00	10,00	10,00	10,00	10,00						
	15 t	26,71 m	t	15,00	15,00	15,00	13,00							
	20 t	20,95 m	t	20,00	20,00	16,25	13,00							

*  + 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	3,2 kg/m →	2,15 lb/ft
III FALL	4,8 kg/m →	3,23 lb/ft
IV FALL	6,4 kg/m →	4,30 lb/ft

RTL 315 /20

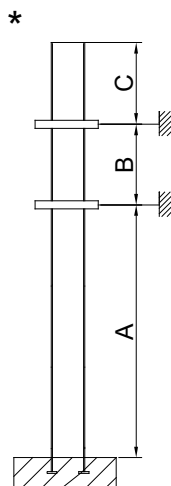
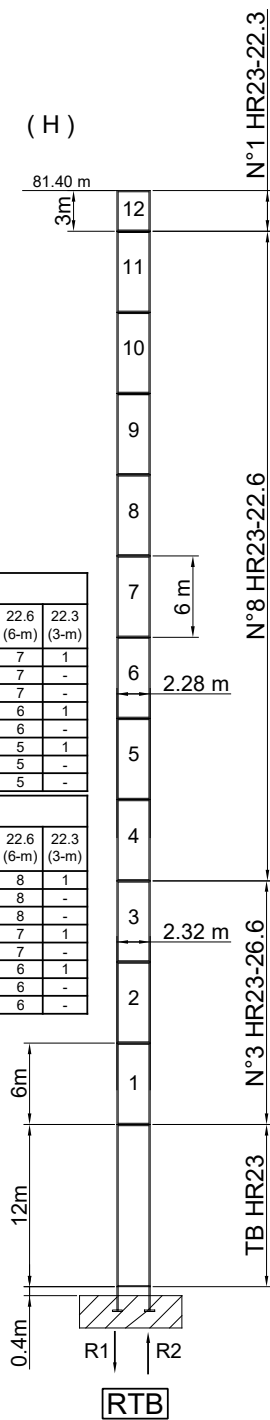
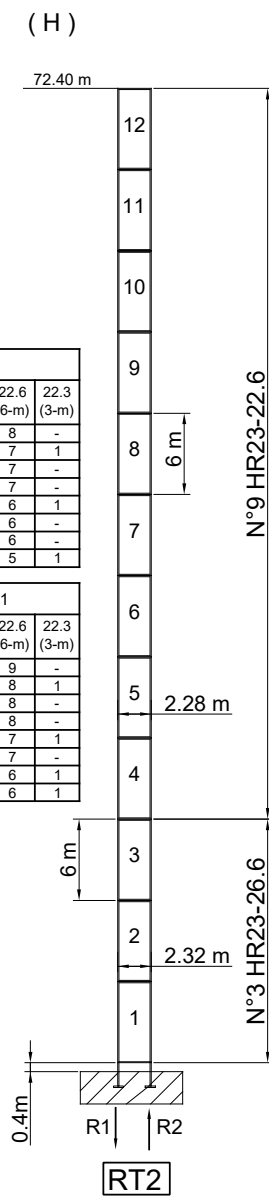
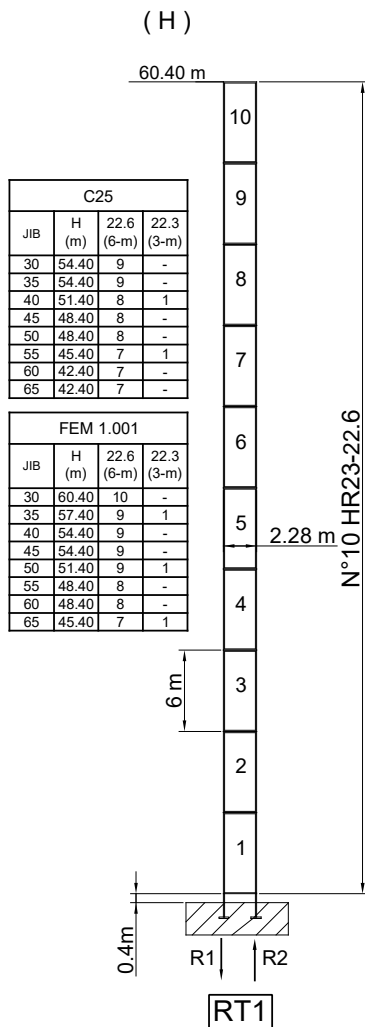
	lb	ft	49,21	65,62	82,02	98,43	114,83	131,23	147,64	164,04	180,45	196,85	213,26	
	22046	92,62 ft	lb	22046	22046	22046	20207	16017	12875	10430	8474	6874	5539	4409
	22046	102,99 ft	lb	22046	22046	22046	22046	18851	15380	12680	10519	8751	7275	
	33069	74,90 ft	lb	33069	33069	29429	23039	18474	15049	12386	10254	8510	7055	
	22046	109,06 ft	lb	22046	22046	22046	22046	20507	16869	14040	11776	9921		
	33069	78,48 ft	lb	33069	33069	31244	24529	19732	16134	13334	11094	9259		
	39683	67,81 ft	lb	39683	39683	31244	24529	19732	16134	13334	11094	9259		
	22046	116,01 ft	lb	22046	22046	22046	22046	22046	22046	22046	22046	22046	22046	
	33069	83,17 ft	lb	33069	33069	33069	26631	21610	17844	14914	12566			
	44092	65,75 ft	lb	44092	44092	33659	26631	21610	17844	14914	12566			
	22046	120,11 ft	lb	22046	22046	22046	22046	22046	22046	22046	22046	22046	22046	
	33069	85,79 ft	lb	33069	33069	33069	27801	22692	18859	15873				
	44092	67,62 ft	lb	44092	44092	34954	27801	22692	18859	15873				
	22046	122,18 ft	lb	22046	22046	22046	22046	22046	22046	22046	22046	22046	22046	
	33069	86,61 ft	lb	33069	33069	33069	28256	23199	19401					
	44092	67,98 ft	lb	44092	44092	35333	28256	23199	19401					
	22046	114,83 ft	lb	22046	22046	22046	22046	22046	22046	22046	22046	22046	22046	
	33069	86,98 ft	lb	33069	33069	33069	28424	23369						
	44092	68,18 ft	lb	44092	44092	35488	28424	23369						
	22046	98,43 ft	lb	22046	22046	22046	22046	22046	22046	22046	22046	22046	22046	
	33069	87,63 ft	lb	33069	33069	33069	33069	33069	33069	33069	33069	33069	33069	
	44092	68,73 ft	lb	44092	44092	44092	44092	44092	44092	44092	44092	44092	44092	

* = + 441 lb using single block 

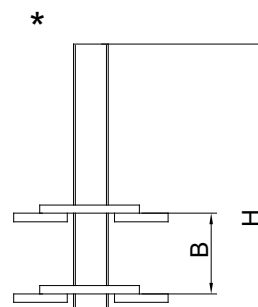
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HR23



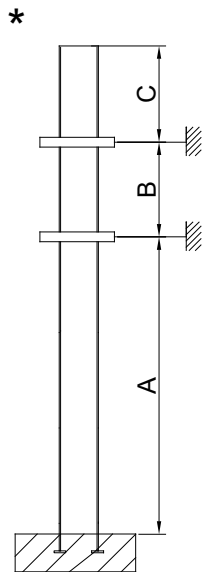
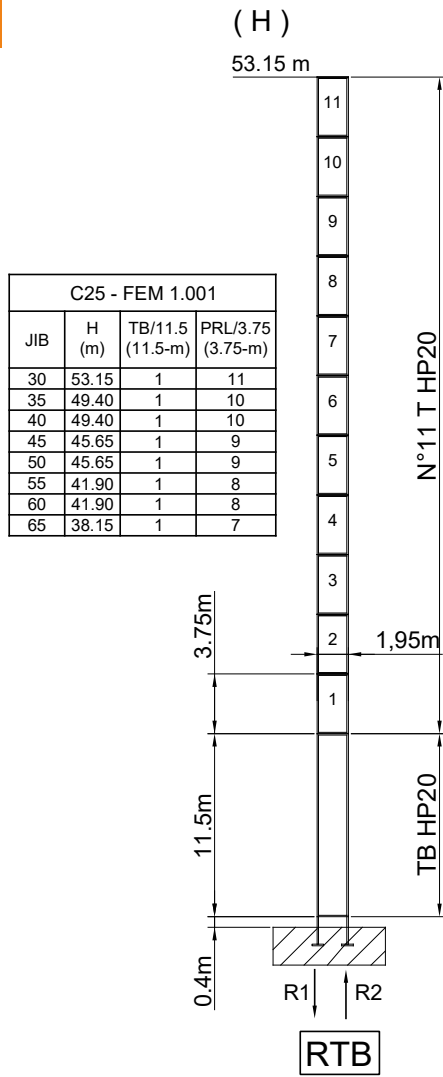
EXTERNAL CLIMBING



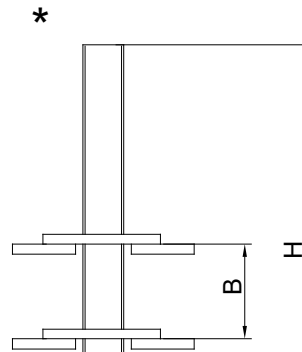
INTERNAL CLIMBING

Different height and tower combinations are available - please consult us

HP20



EXTERNAL CLIMBING



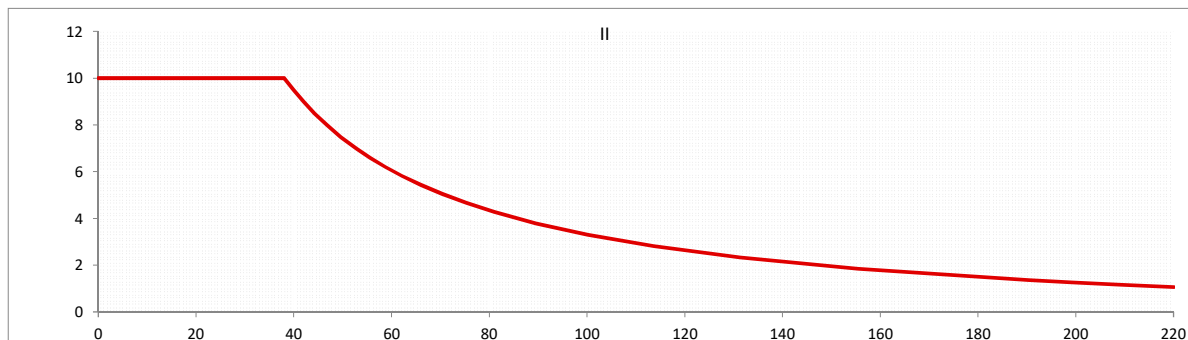
INTERNAL CLIMBING

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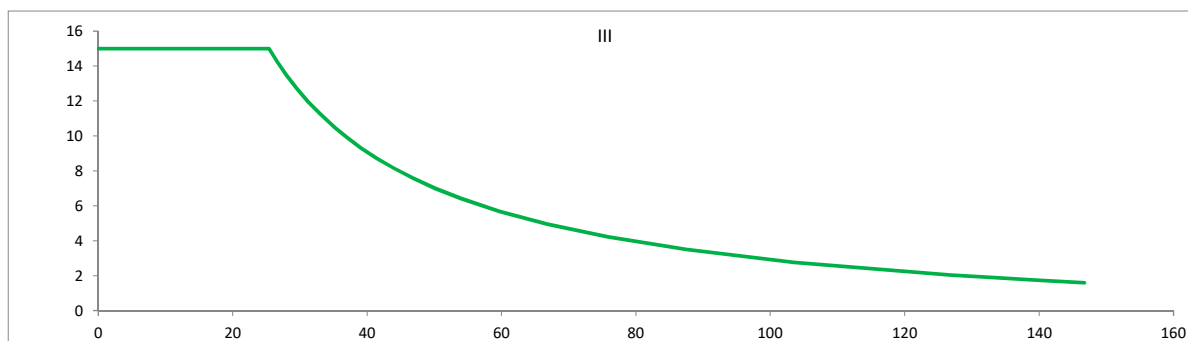


80 HVF 100

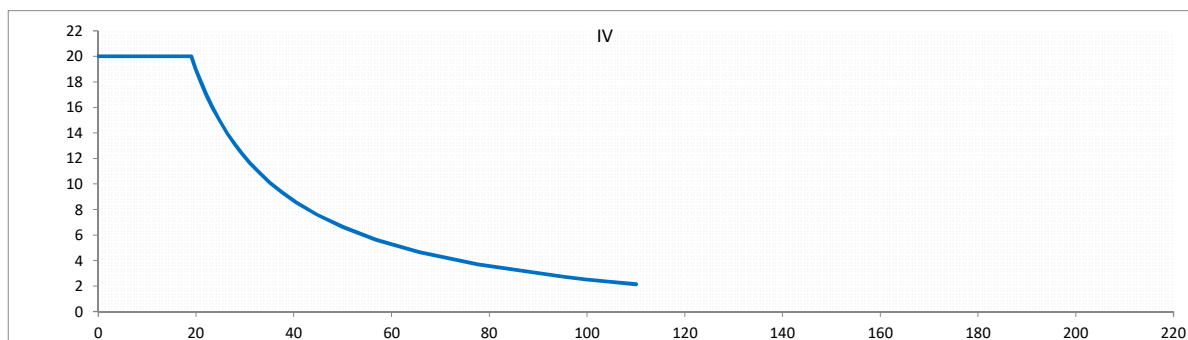
LOAD (kg) II



LOAD (kg) III



LOAD (kg) IV

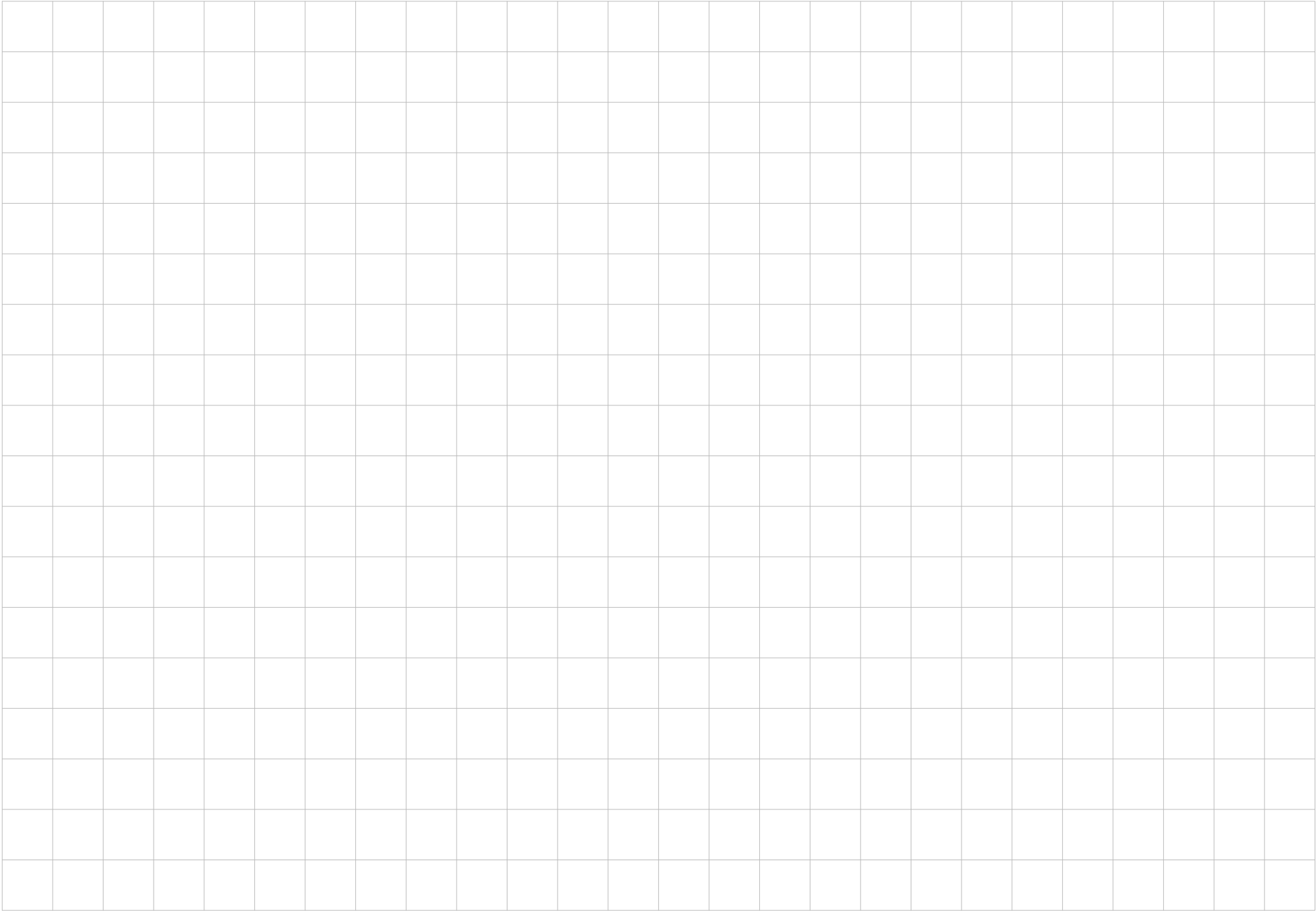


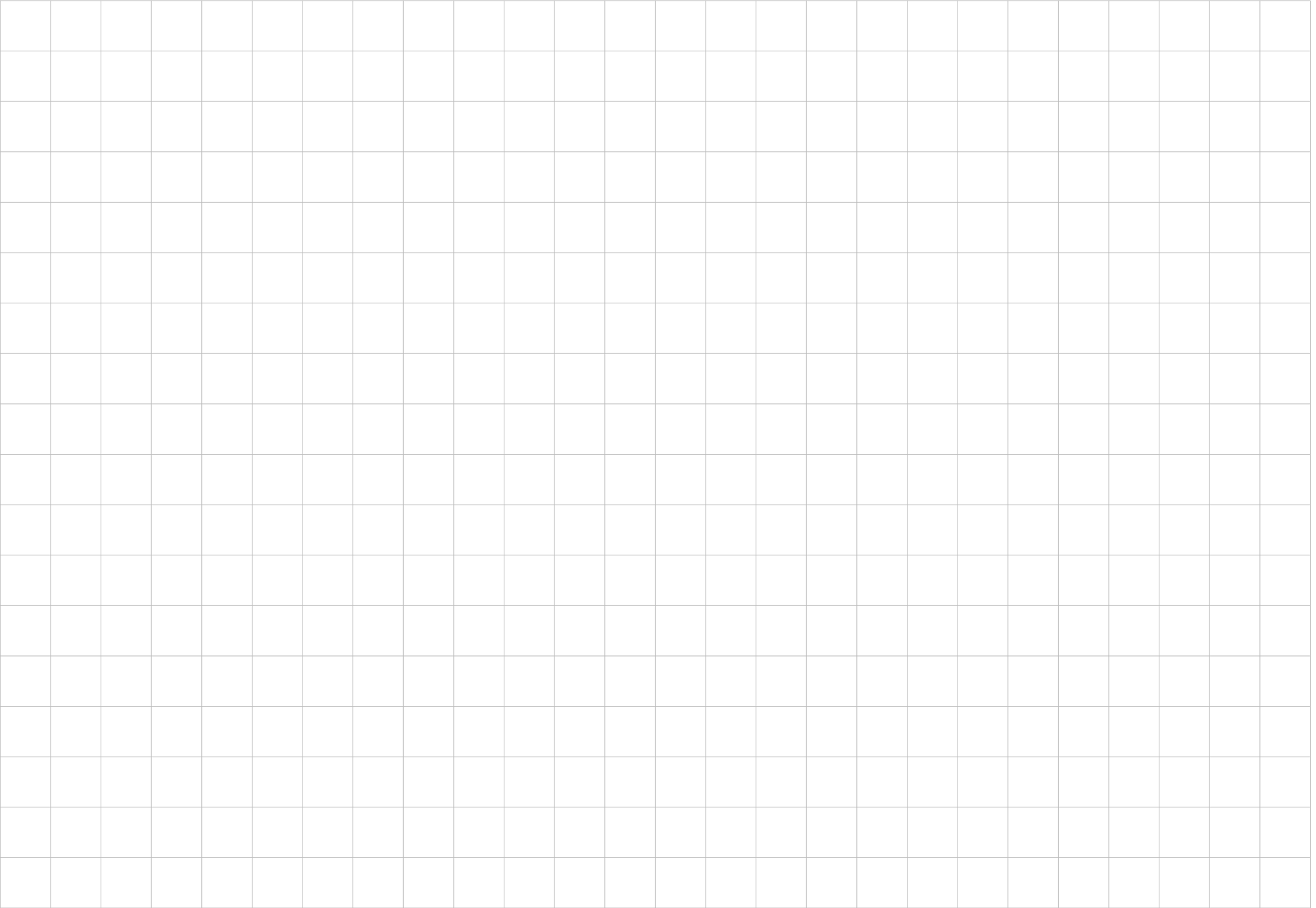
HOISTING

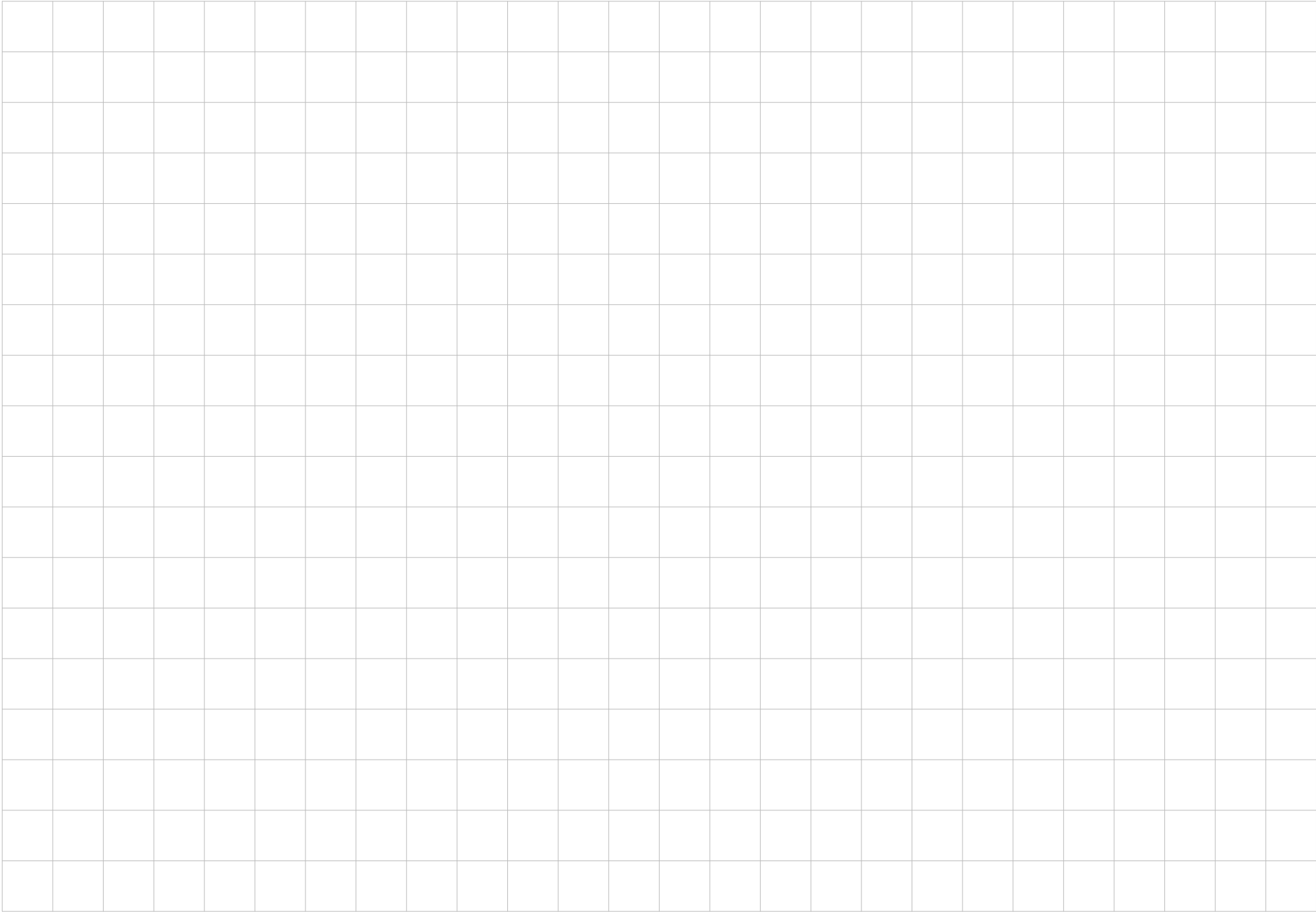
				t	m/min			kW	
	80 HVF 100			10	0	→	38	80	930 m (1110 m OPTIONAL)
				6	0	→	60		
				3	0	→	108		
				1,1	0	→	210		
				13,5	0	→	24		
				11,3	0	→	28		
				8	0	→	39		
				3	0	→	90		
				20	0	→	16		
				12	0	→	30		
				9	0	→	54		
				2,2	0	→	105		

OTHER DETAILS

	HOISTING WINCH	80 kW	MAX ROPE ON DRUM:	930 m	(1110 m Optional)
	HOISTING WINCH	110 kW	MAX ROPE ON DRUM:	930 m	(1110 m Optional)
	LUFFING WINCH	67 kW	15° --> 85° =	1,8	min
	SLEWING	2 x 11.0 kW	0.70 rpm		
	MACHINE RATING	L67kW H80kW : 220kVA L67kW H110kW : 325kVA			









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