

FLAT TOP TOWER CRANE

RTM 180

8 HB15/HB17 II/IV/FALLS

TECHNICAL DATA SHEET

RTM 180



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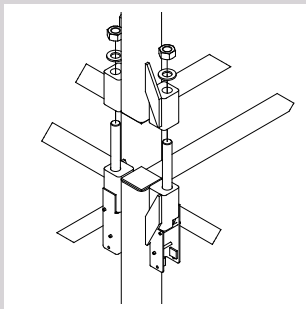
CRANES SINCE 1962





MORITSCH

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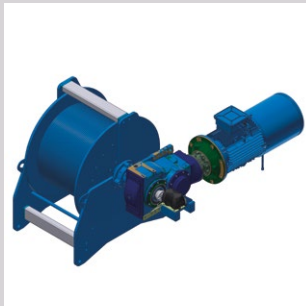
TOWER TYPE HB 15 / HB 17

The square mast sections with vertical bolts connection will allow greater free standing heights.



CABIN

New design CAB , wider, longer, with improved visibility.
Air con, easy cleaning of windows and 6" screen (optional).



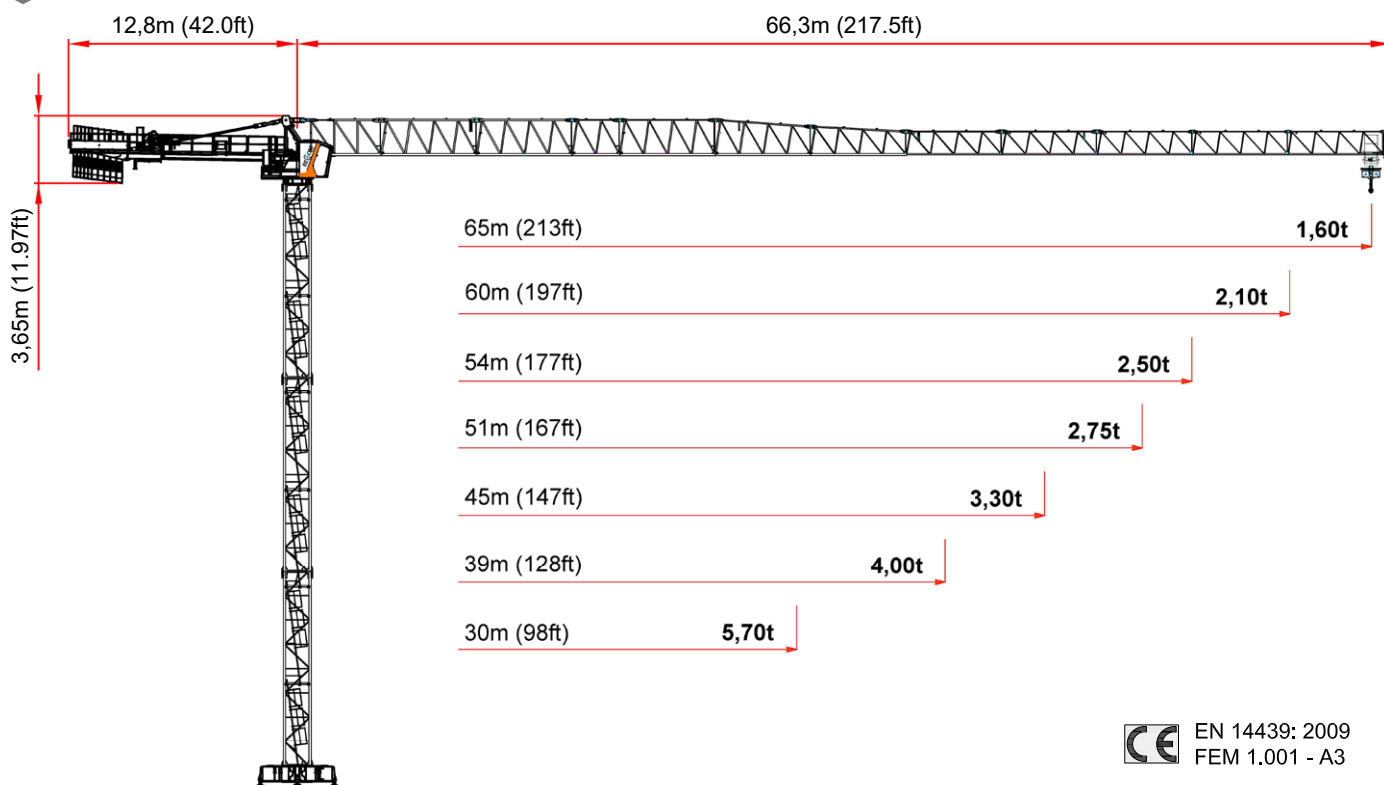
WINCHES

New generation of high power winches.
New braking system, new reduction gear to grant highest performances ever seen on a flat top.

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CE EN 14439: 2009
FEM 1.001 - A3

RTM 180 - 8

	(t)	m	28	30	33	36	39	42	45	48	51	54	57	60	65
	4,00	31,10	4,00	4,00	3,73	3,36	3,06	2,79	2,57	2,37	2,20	2,04	1,90	1,78	1,60
	8,00	16,30	4,32	3,99	3,56	3,21	2,91	2,66	2,44	2,25	2,08	1,93	1,80	1,68	1,50
	4,00	35,20	4,00	4,00	4,00	3,90	3,55	3,25	3,00	2,77	2,57	2,40	2,24	2,10	
	8,00	18,60	5,03	4,65	4,16	3,76	3,42	3,13	2,87	2,65	2,46	2,29	2,14	2,00	
	4,00	36,00	4,00	4,00	4,00	3,99	3,64	3,33	3,07	2,84	2,64	2,46	2,30		
	8,00	19,00	5,16	4,77	4,27	3,86	3,51	3,21	2,95	2,73	2,53	2,36	2,20		
	4,00	36,40	4,00	4,00	4,00	4,00	3,69	3,39	3,12	2,89	2,68	2,50			
	8,00	19,20	5,24	4,84	4,34	3,92	3,57	3,27	3,01	2,78	2,58	2,40			
	4,00	37,20	4,00	4,00	4,00	4,00	3,78	3,47	3,20	2,96	2,75				
	8,00	19,70	5,38	4,97	4,45	4,02	3,66	3,35	3,09	2,86	2,65				
	4,00	38,10	4,00	4,00	4,00	4,00	3,90	3,57	3,29	3,05					
	8,00	20,20	5,54	5,12	4,59	4,15	3,78	3,46	3,19	2,95					
	4,00	38,20	4,00	4,00	4,00	4,00	3,90	3,58	3,30						
	8,00	20,50	5,56	5,14	4,61	4,17	3,79	3,47	3,20						
	4,00	39,30	4,00	4,00	4,00	4,00	4,00	3,70							
	8,00	20,90	5,75	5,32	4,77	4,31	3,93	3,60							
	4,00	39,30	4,00	4,00	4,00	4,00	4,00								
	8,00	21,00	5,78	5,34	4,79	4,34	3,95								
	4,00	36,00	4,00	4,00	4,00	4,00									
	8,00	21,20	5,86	5,42	4,86	4,40									
	4,00	33,00	4,00	4,00	4,00										
	8,00	21,70	6,02	5,57	5,00										
	4,00	30,00	4,00	4,00											
	8,00	22,20	6,16	5,70											
	4,00	28,00	4,00												
	8,00	22,30	6,30												

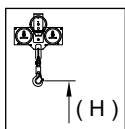
RTM 180 - 8

	(lb)	ft	92	98	108	118	128	138	148	157	167	177	187	197	213
	8816	102,01	8816	8816	8212	7411	6736	6159	5660	5225	4842	4502	4198	3925	3526
	17632	53,46	9528	8789	7852	7075	6420	5860	5377	4954	4582	4252	3957	3693	3306
	8816	115,46	8816	8816	8816	8594	7826	7170	6603	6107	5671	5285	4939	4628	
	17632	61,01	11084	10239	9167	8278	7529	6888	6335	5851	5426	5048	4711	4408	
	8816	118,08	8816	8816	8816	8802	8018	7347	6768	6263	5817	5422	5069		
	17632	62,32	11369	10504	9407	8498	7731	7076	6510	6015	5580	5194	4849		
	8816	119,39	8816	8816	8816	8816	8140	7461	6874	6362	5910	5510			
	17632	62,98	11556	10678	9566	8643	7865	7200	6625	6123	5682	5290			
	8816	122,02	8816	8816	8816	8816	8338	7644	7045	6522	6061				
	17632	64,62	11849	10951	9813	8869	8073	7393	6806	6292	5841				
	8816	124,97	8816	8816	8816	8816	8586	7874	7259	6722					
	17632	66,26	12212	11290	10120	9150	8332	7633	7029	6502					
	8816	125,30	8816	8816	8816	8816	8602	7889	7273						
	17632	67,24	12251	11325	10153	9180	8359	7659	7053						
	8816	128,90	8816	8816	8816	8816	8816	8155							
	17632	68,55	12668	11714	10506	9503	8657	7934							
	8816	128,90	8816	8816	8816	8816	8816								
	17632	68,88	12737	11778	10563	9556	8706								
	8816	118,08	8816	8816	8816	8816									
	17632	69,54	12921	11950	10719	9698									
	8816	108,24	8816	8816	8816										
	17632	71,18	13277	12282	11020										
	8816	98,40	8816	8816											
	17632	72,82	13579	12563											
	8816	91,84	8816												
	17632	73,14	13885												

Rope weight is already included on load chart values for standard freestanding heights



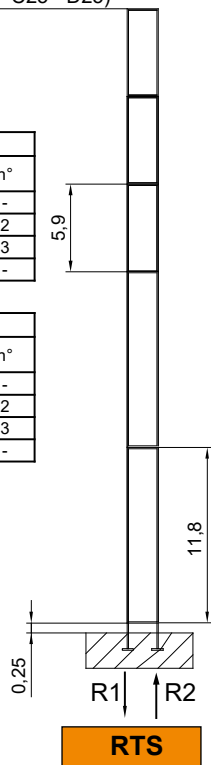
HB15



(H)
40,75 m (FEM 1001 - C25 - D25)

FEM 1.001 - C25		
TYPE	H (m)	n°
HB15H-12	11,80	-
HB15S-12	11,80	2
HB15S-06	5,90	3
HB15S-03	2,95	-

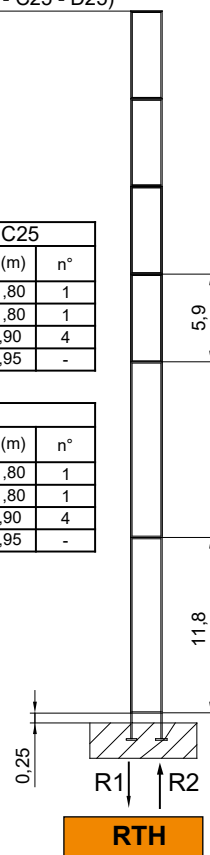
D25		
TYPE	H (m)	n°
HB15H-12	11,80	-
HB15S-12	11,80	2
HB15S-06	5,90	3
HB15S-03	2,95	-



(H)
46,65 m (FEM 1001 - C25 - D25)

FEM 1.001 - C25		
TYPE	H (m)	n°
HB15H-12	11,80	1
HB15S-12	11,80	1
HB15S-06	5,90	4
HB15S-03	2,95	-

D25		
TYPE	H (m)	n°
HB15H-12	11,80	1
HB15S-12	11,80	1
HB15S-06	5,90	4
HB15S-03	2,95	-

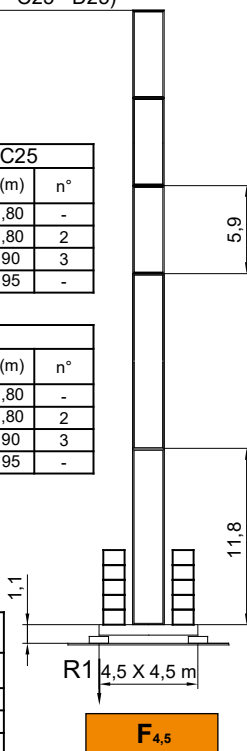


(H)
41,60 m (FEM 1001 - C25 - D25)

FEM 1.001 - C25		
TYPE	H (m)	n°
HB15H-12	11,80	-
HB15S-12	11,80	2
HB15S-06	5,90	3
HB15S-03	2,95	-

D25		
TYPE	H (m)	n°
HB15H-12	11,80	-
HB15S-12	11,80	2
HB15S-06	5,90	3
HB15S-03	2,95	-

UNDERCARRIAGE BALLAST		
H (m)	C25 (t)	D25(t)
41,6	102,0	102,0
35,7	82,0	82,0
29,8	72,0	72,0

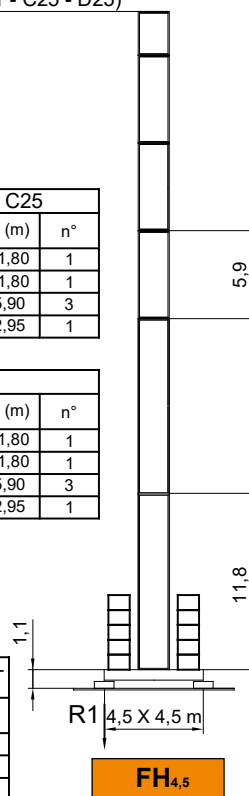


(H)
44,55 m (FEM 1001 - C25 - D25)

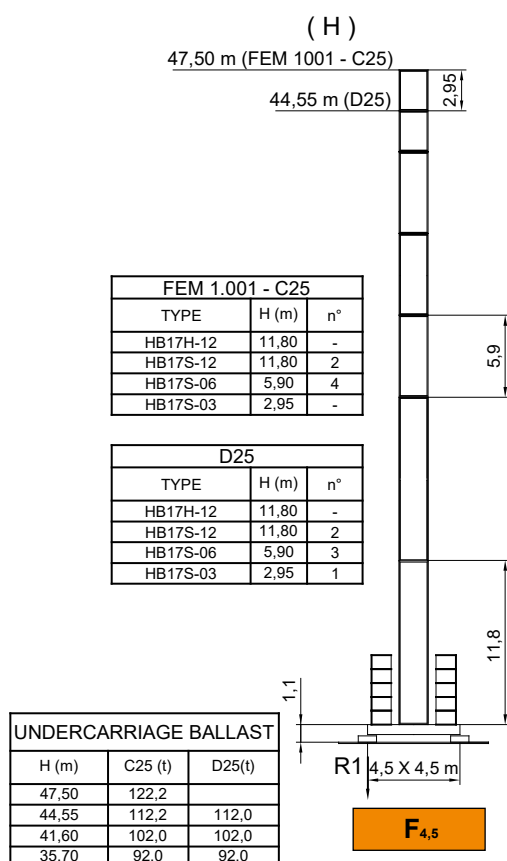
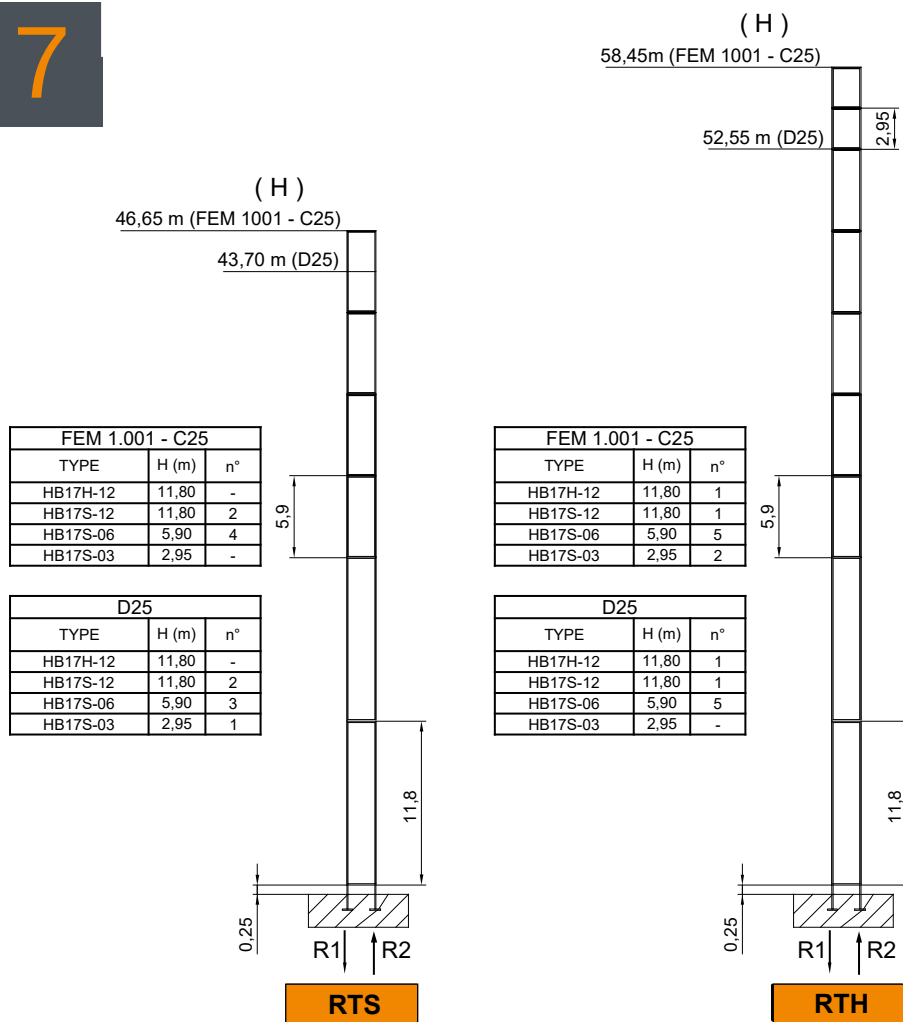
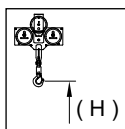
FEM 1.001 - C25		
TYPE	H (m)	n°
HB15H-12	11,80	1
HB15S-12	11,80	1
HB21S-06	5,90	3
HB21S-03	2,95	1

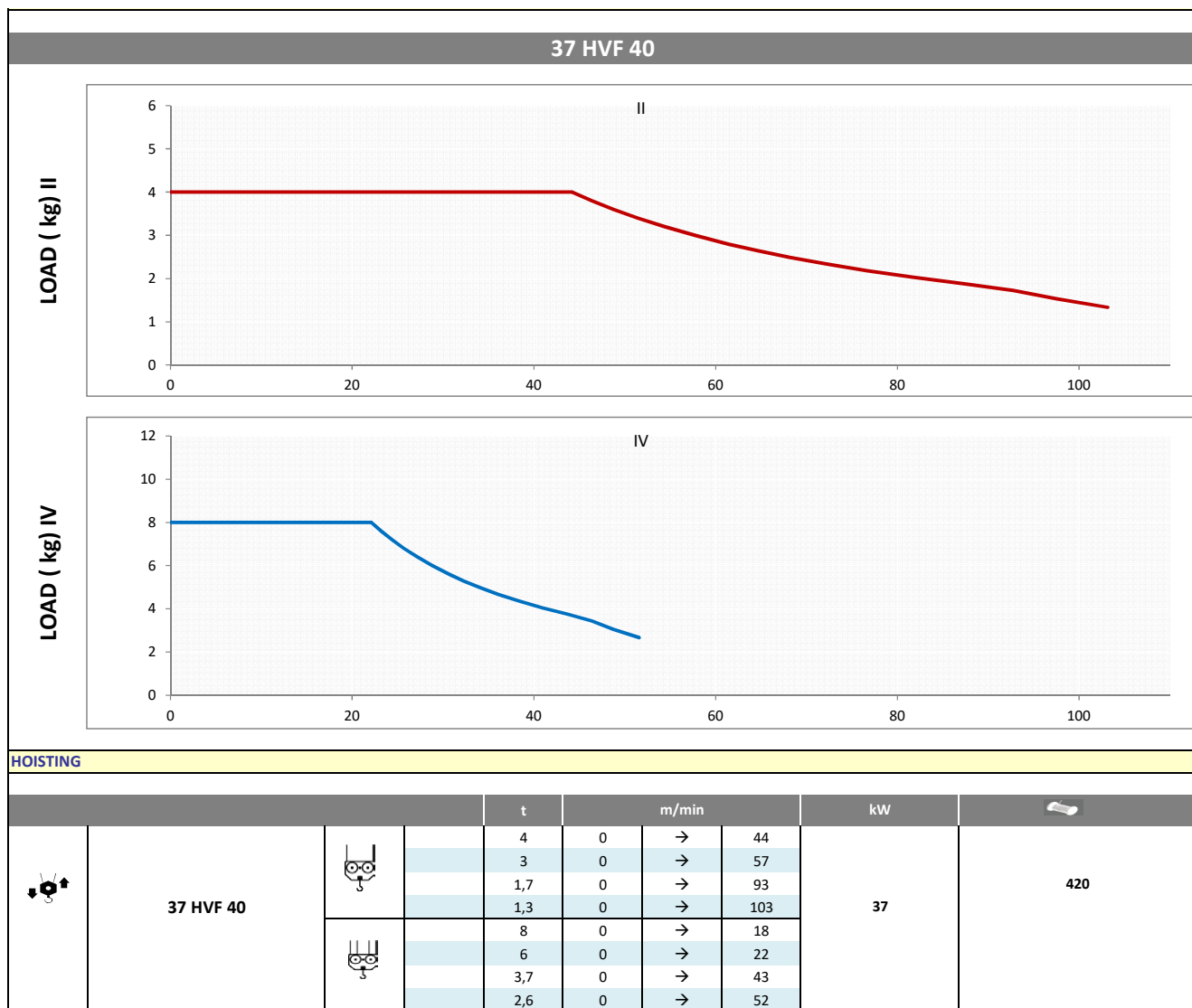
D25		
TYPE	H (m)	n°
HB15H-12	11,80	1
HB15S-12	11,80	1
HB21S-06	5,90	3
HB21S-03	2,95	1

UNDERCARRIAGE BALLAST		
H (m)	C25 (t)	D25(t)
44,55	112,0	112,0
41,6	102,0	102,0
35,7	82,0	82,0
29,8	72,0	72,0



HB17





-
- Hoisting Winch 37 kW

Max rope on drum: 420 m
-
- Trolley Winch 4 kW

0 - 90 m/min
-
- Slewing 2 x 4 kW
-
- T4kW S2x4kW H37kW : 70kVA

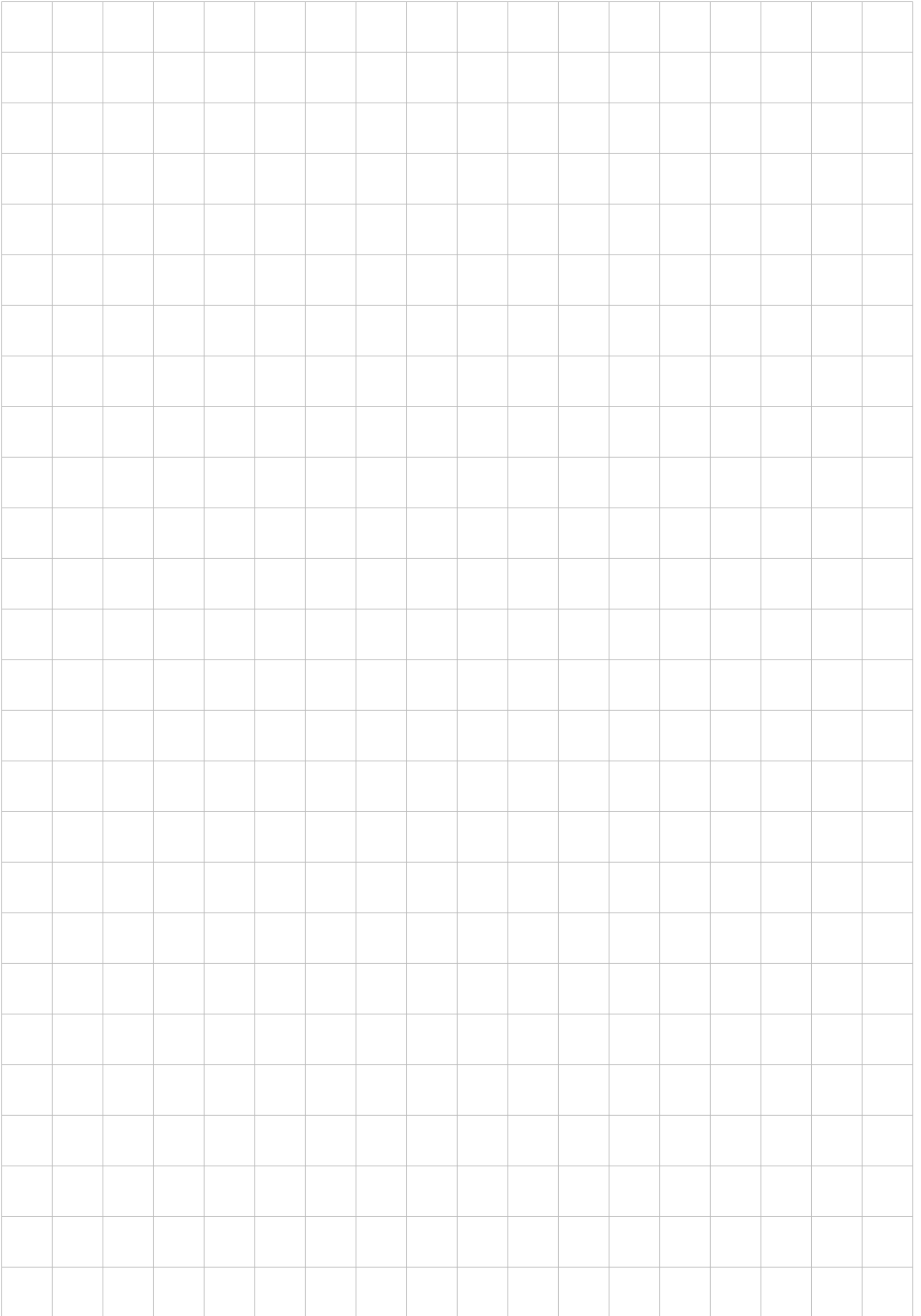


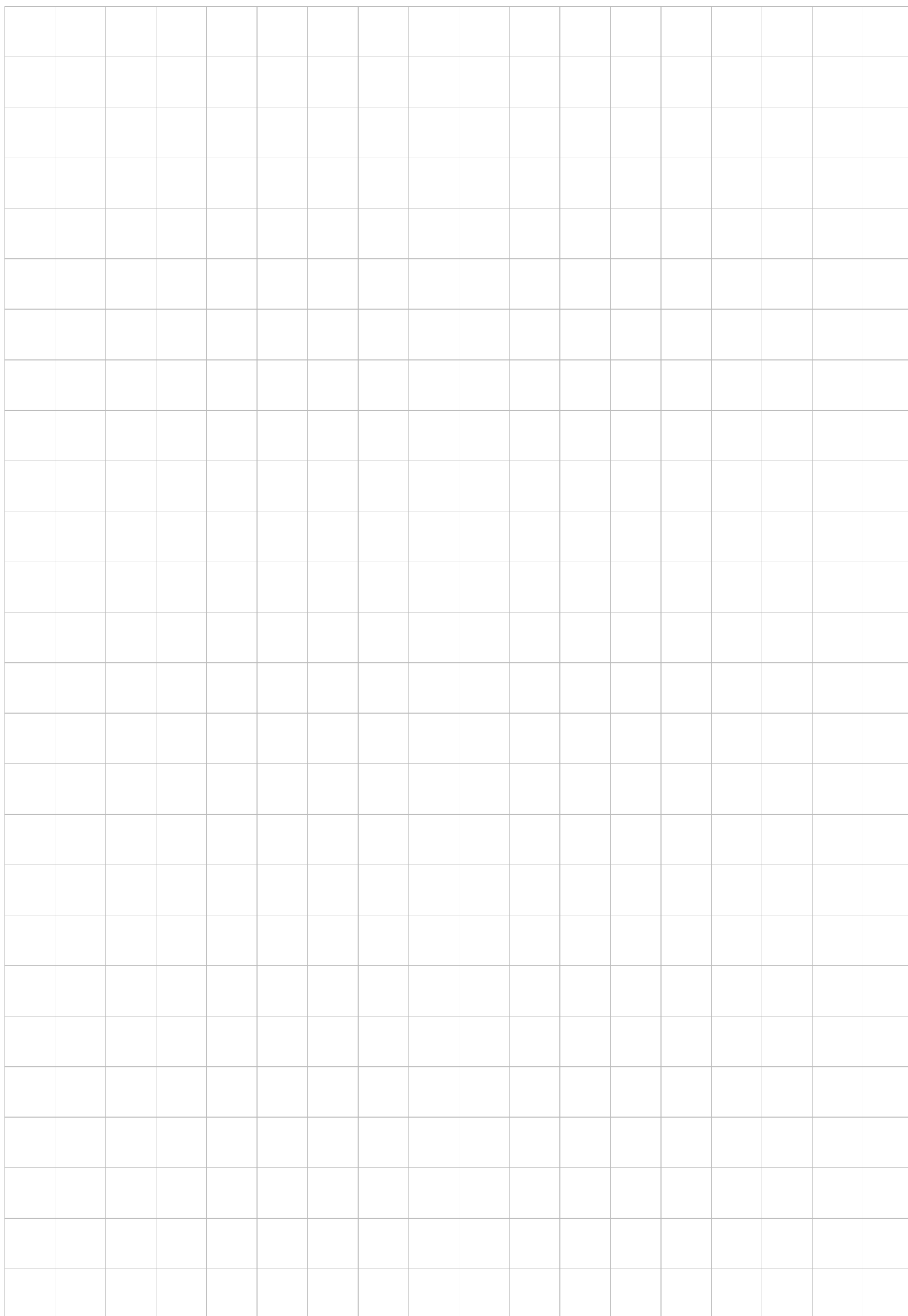
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RTM 180 - 8 HB15/HB17







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