

LUFFING JIB TOWER CRANE

RTL 505

24 HR23 I / II FALLS

TECHNICAL DATA SHEET

RTL 505



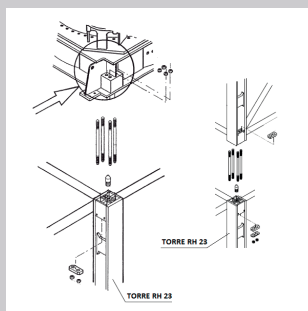
MORITSCH
CRANES SINCE 1962





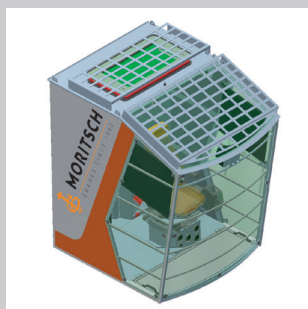
MORITSCH

C R A N E S S I N C E 1 9 6 2



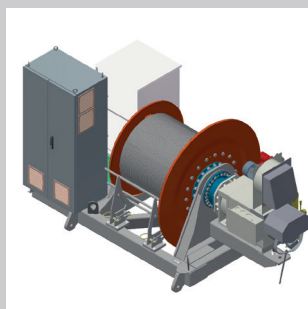
TOWER TYPE HR 23

The well known H beam mast sections with vertical bolts connection will allow greater free standing heights. Available in three versions: base reinforced (HR 23-30), heavy duty (HR 23-26) and std duty type (HR 23-22).



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 7" screen included.



WINCHES

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

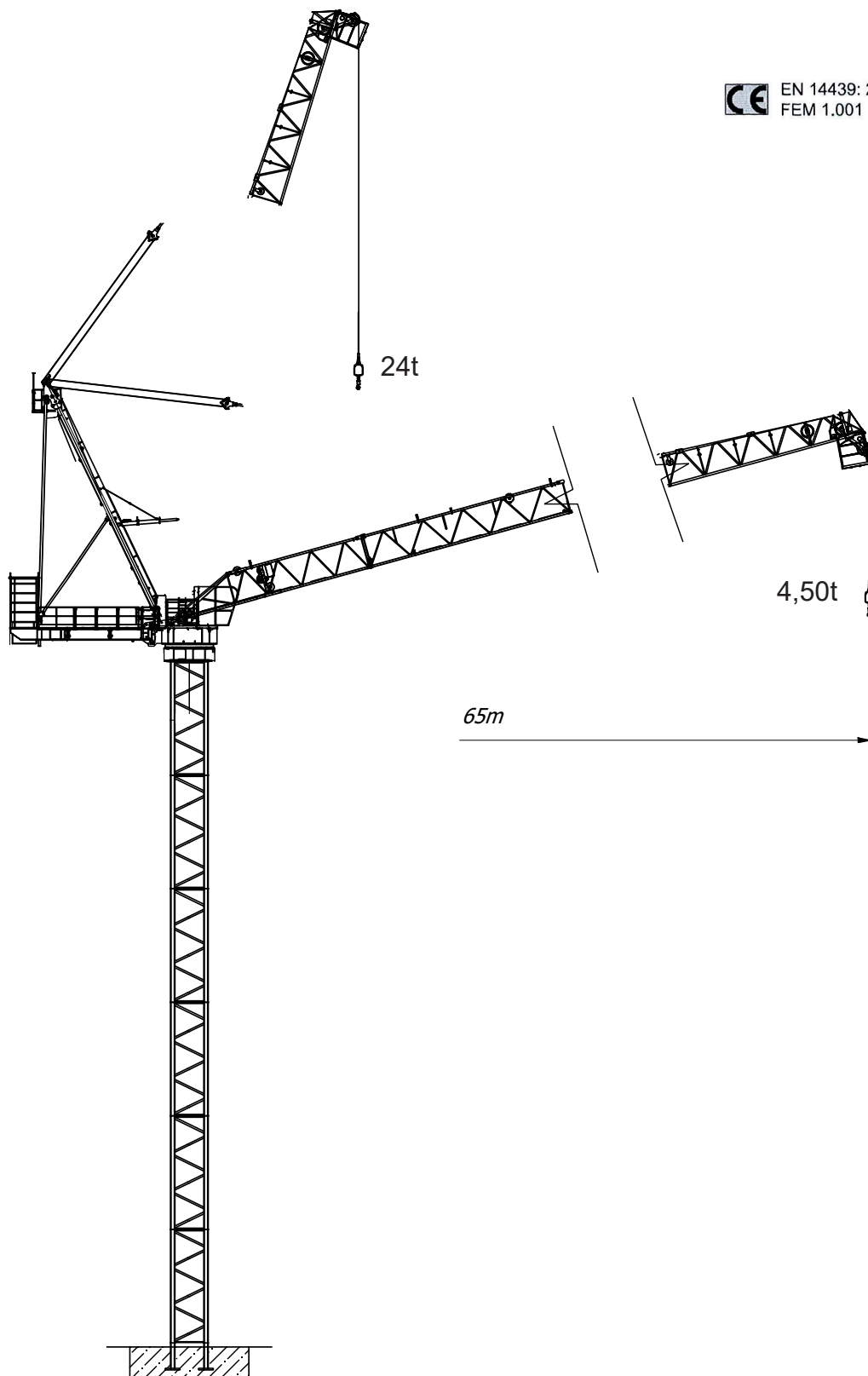


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TECHNICAL DATA SHEET

CE EN 14439: 2009
FEM 1.001 - A3



RTL 505 - 24

	(t)	m	15	20	25	30	35	40	45	50	55	60	65
●	12,00	39,21	12,00	12,00	12,00	12,00	12,00	11,63	9,57	7,92	6,57	5,45	4,50
●	12,00	40,55	12,00	12,00	12,00	12,00	12,00	12,00	10,20	8,56	7,22	6,10	
●	12,00	42,46	12,00	12,00	12,00	12,00	12,00	12,00	10,91	9,09	7,60		
●	24,00	25,48	24,00	24,00	24,00	19,28	15,49	12,64	10,42	8,65	7,20		
●	12,00	42,82	12,00	12,00	12,00	12,00	12,00	12,00	11,12	9,40			
●	24,00	25,08	24,00	24,00	24,00	19,07	15,47	12,78	10,68	9,00			
●	12,00	41,82	12,00	12,00	12,00	12,00	12,00	12,00	10,80				
●	24,00	23,90	24,00	24,00	22,72	18,10	14,80	12,33	10,40				
●	12,00	40,00	12,00	12,00	12,00	12,00	12,00	12,00					
●	24,00	22,86	24,00	24,00	21,66	17,50	14,53	12,30					
●	12,00	35,00	12,00	12,00	12,00	12,00	12,00						
●	24,00	24,42	24,00	24,00	23,30	18,40	14,90						

RTL 505 - 24

	(t)	ft	49	66	82	98	115	131	148	164	180	197	213
●	26448	128,60	26448	26448	26448	26448	26448	25622	21085	17456	14486	12012	9918
●	26448	133,00	26448	26448	26448	26448	26448	26448	22481	18866	15909	13444	
●	26448	139,27	26448	26448	26448	26448	26448	26448	24048	20034	16750		
●	52896	83,57	52896	52896	52896	42500	34131	27853	22971	19065	15869		
●	26448	140,44	26448	26448	26448	26448	26448	26448	24513	20718			
●	52896	82,27	52896	52896	52896	42023	34099	28156	23534	19836			
●	26448	137,18	26448	26448	26448	26448	26448	26448	23803				
●	52896	78,38	52896	52896	50075	39892	32619	27164	22922				
●	26448	131,20	26448	26448	26448	26448	26448	26448	26448				
●	52896	74,97	52896	52896	47739	38570	32021	27109					
●	26448	114,80	26448	26448	26448	26448	26448	26448					
●	52896	80,09	52896	52896	51353	40554	32840						





RTL 505 - 24 M-LIFT

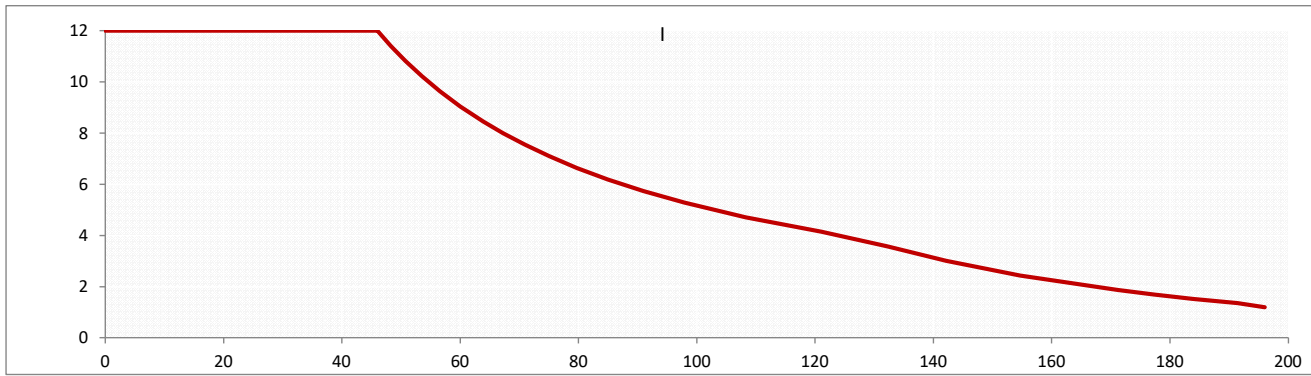
(t)	m	15	20	25	30	35	40	45	50	55	60	65
12,00	40,75	12,00	12,00	12,00	12,00	12,00	12,00	10,22	8,51	7,10	5,94	4,95
12,00	42,56	12,00	12,00	12,00	12,00	12,00	12,00	11,01	9,29	7,88	6,71	
12,00	44,63	12,00	12,00	12,00	12,00	12,00	12,00	11,84	9,93	8,36		
24,00	26,74	24,00	24,00	24,00	20,60	16,62	13,63	11,30	9,44	7,92		
12,00	45,41	12,00	12,00	12,00	12,00	12,00	12,00	12,00	10,34			
24,00	26,58	24,00	24,00	24,00	20,57	16,76	13,90	11,68	9,90			
12,00	44,68	12,00	12,00	12,00	12,00	12,00	12,00	11,88				
24,00	25,51	24,00	24,00	24,00	19,66	16,14	13,50	11,44				
12,00	40,00	12,00	12,00	12,00	12,00	12,00	12,00					
24,00	24,66	24,00	24,00	23,63	19,14	15,93	13,53					
12,00	35,00	12,00	12,00	12,00	12,00	12,00						
24,00	26,15	24,00	24,00	24,00	20,14	16,39						

RTL 505 - 24 M-LIFT

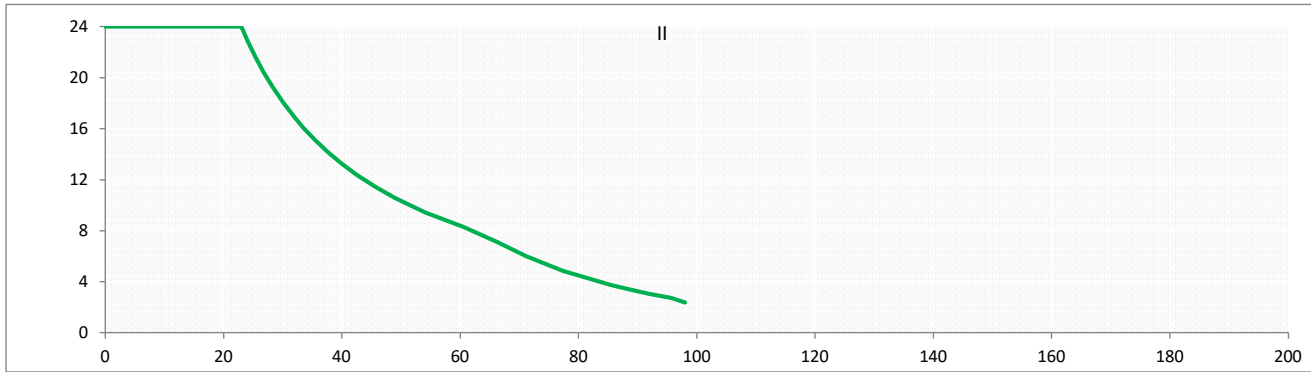
(t)	ft	49	66	82	98	115	131	148	164	180	197	213
26448	133,67	26448	26448	26448	26448	26448	26448	22518	18745	15658	13086	10910
26448	139,60	26448	26448	26448	26448	26448	26448	24273	20480	17376	14789	
26448	146,38	26448	26448	26448	26448	26448	26448	26095	21877	18425		
52896	87,72	52896	52896	52896	45410	36624	30035	24910	20810	17456		
26448	148,96	26448	26448	26448	26448	26448	26448	26448	22789			
52896	87,18	52896	52896	52896	45329	36933	30636	25738	21820			
26448	146,56	26448	26448	26448	26448	26448	26448	26184				
52896	83,67	52896	52896	52896	43331	35566	29743	25214				
26448	131,20	26448	26448	26448	26448	26448	26448					
52896	80,88	52896	52896	52076	42185	35119	29820					
26448	114,80	26448	26448	26448	26448	26448						
52896	85,78	52896	52896	52896	44385	36124						

110 HVF 240

LOAD (t) I



LOAD (t) II



HOISTING

				t	m/min			kW	
	110 HVF 240	I		12	0	→	46	110	600 m
				9	0	→	60		
				5	0	→	103		
				1.1	0	→	196		
		II		24	0	→	23		
				18	0	→	30		
				10	0	→	52		
				2.2	0	→	98		

	HOISTING WINCH	110	kW	Max Rope	600	m
	LUFFING WINCH	80	kW			
	Slewing	4x11	kW		max power: S4x11kW L80kW H110kW	320 kVA

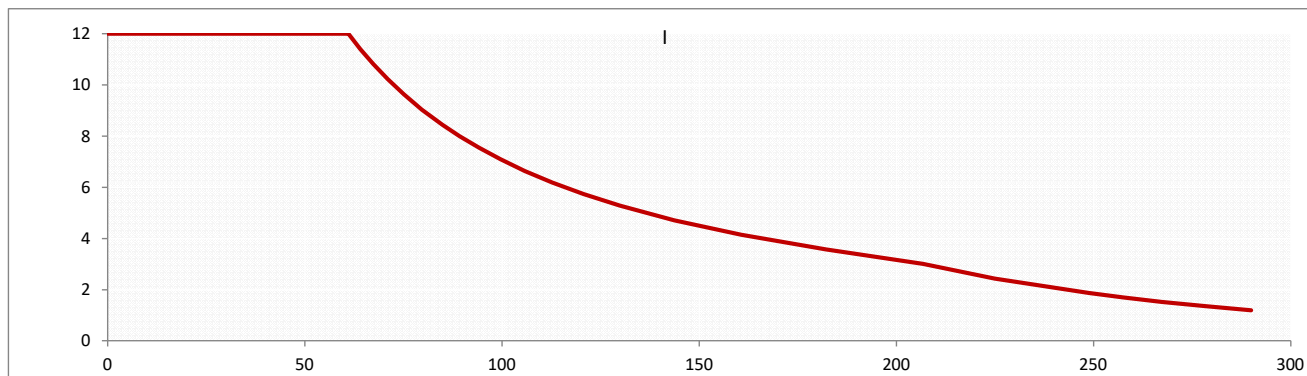


RTL 505 - 24 HR23

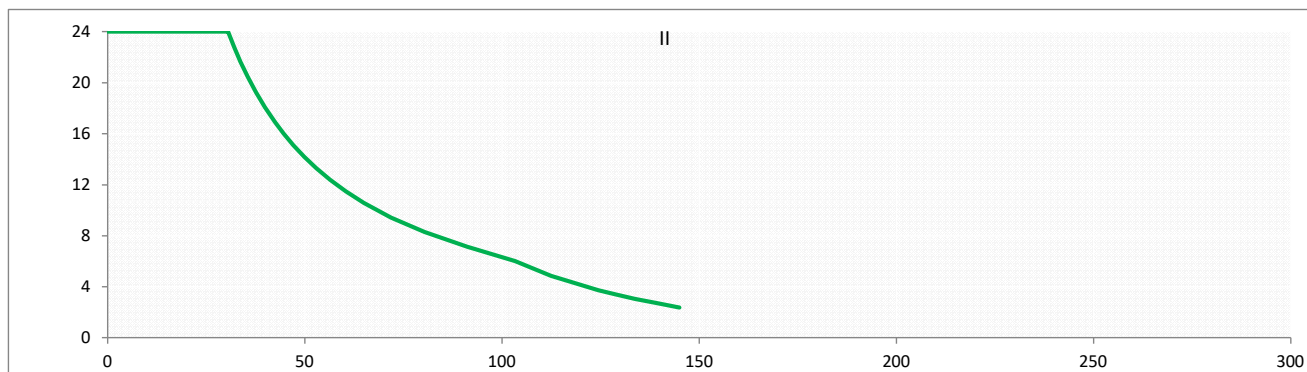


150 HVF 240

LOAD (t) I



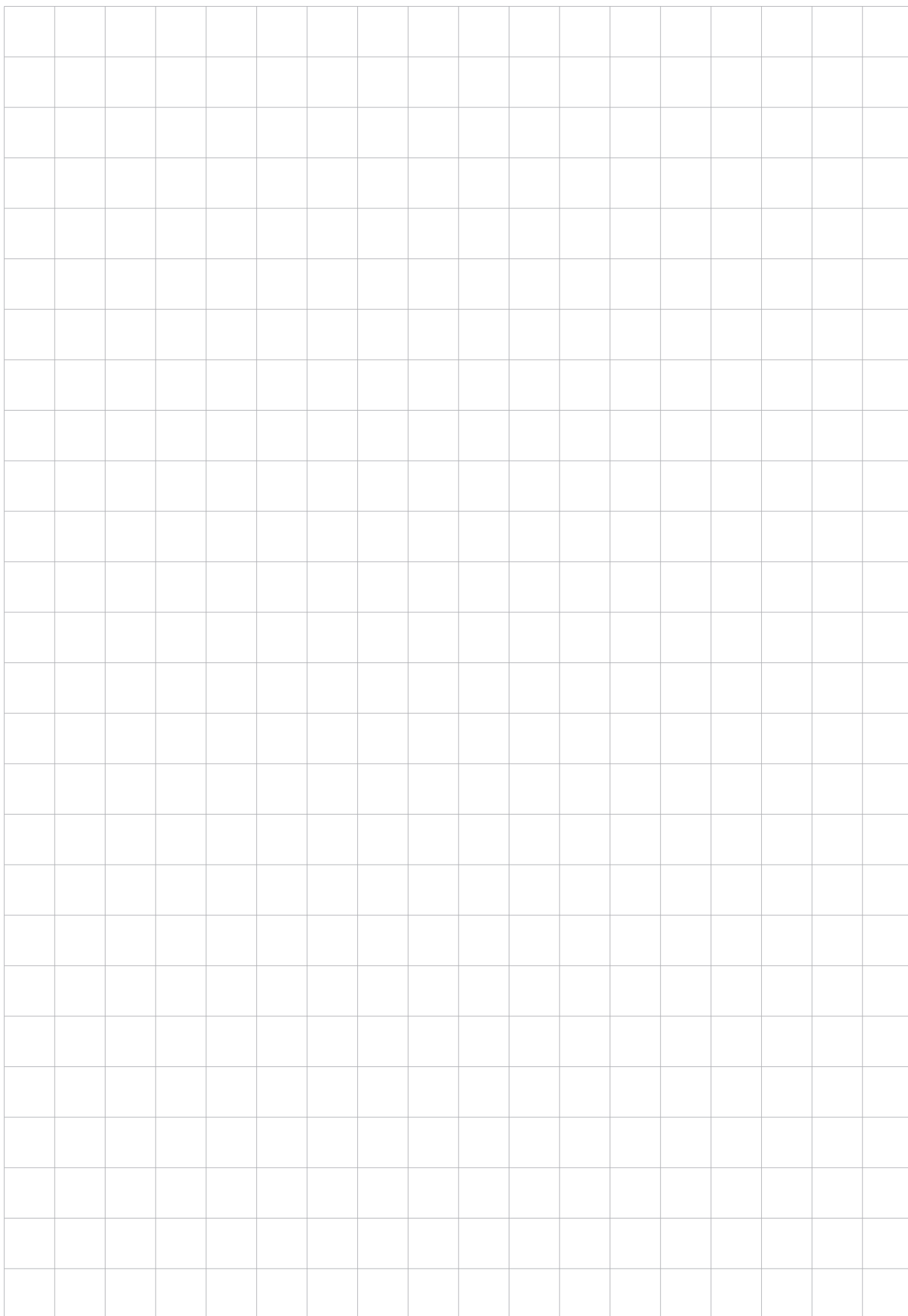
LOAD (t) II



HOISTING

				t	m/min			kW	
	150 HVF 240	I		12	0	→	60	150	600 m
				9	0	→	79		
				5	0	→	137		
				1.1	0	→	290		
		II		24	0	→	30		
				18	0	→	39.5		
				10	0	→	69		
				2.2	0	→	145		

	HOISTING WINCH	150	kW	Max Rope	600	m
	LUFFING WINCH	80	kW			
	Slewing	4x11	kW		max power: S4x11kW L80kW H150kW	376 kVA





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