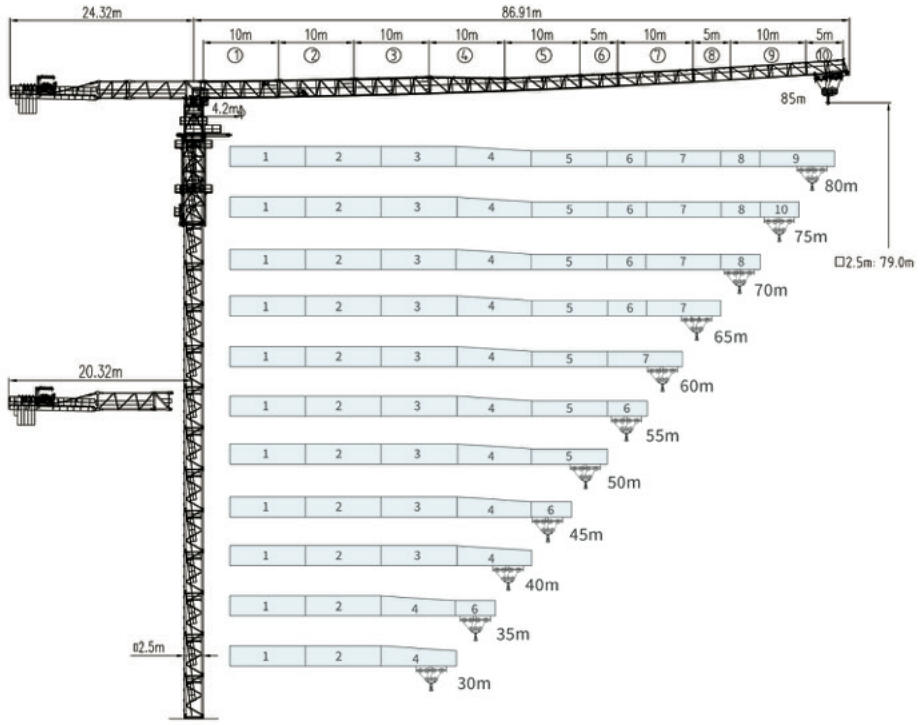
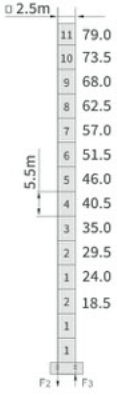
DH620
8530

DAHAN大汉科技

Outline Dimensions

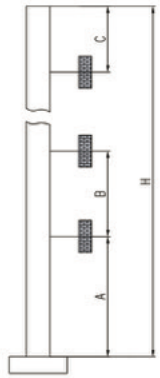


Masts



	●	■
F2	328t	416t
F3	226t	328t
	147.3t	

Anchorages



Mast	A	B	C	H
□2.5	64.7m	41.8m	54.4m	348.5m

● in service Reaction ■ Out of service Reaction

Total weight of free standing crane(exlude (ounter weight & ballast)

Number of tie collors=(H-A-C)/B+1

Load Diagrams 32t

R	Fall	RC	C	20	25	30	35	40	45	50	55	60	65	70	75	80	85
85m		11.0	32.0	16.18	12.32	9.74	7.90	6.52	5.44	4.58	3.88	3.30	2.80	2.37	2.01	1.68	1.40
		21.8	16.0	16.0	13.71	11.14	9.30	7.92	6.84	5.98	5.28	4.70	4.20	3.77	3.41	3.08	2.80
80m		13.0	32.0	19.71	15.15	12.11	9.93	8.30	7.04	6.02	5.19	4.50	3.92	3.41	2.98	2.60	
		25.8	16.0	16.0	16.0	13.51	11.33	9.70	8.44	7.41	6.59	5.90	5.32	4.81	4.38	4.00	
75m		14.0	32.0	21.18	16.36	13.14	10.85	9.12	7.79	6.71	5.84	5.11	4.49	3.96	3.50		
		27.5	16.0	16.0	16.0	14.54	12.25	10.52	9.19	8.11	7.24	6.51	5.89	5.36	4.90		
70m		15.0	32.0	23.31	18.10	14.63	12.15	10.28	8.84	7.68	6.73	5.94	5.27	4.70			
		30.0	16.0	16.0	16.0	16.0	13.55	11.68	10.24	9.08	8.13	7.34	6.67	6.10			
65m		15.8	32.0	24.73	19.62	15.61	13.01	11.06	9.54	8.32	7.33	6.50	5.80				
		31.8	16.0	16.0	16.0	16.0	14.41	12.46	10.96	9.72	8.73	7.90	7.20				
60m		18.0	32.0	28.52	22.24	18.06	15.07	12.83	11.09	9.69	8.55	7.60					
		36.0	16.0	16.0	16.0	16.0	16.0	14.23	12.49	11.09	9.95	9.00					
55m		18.7	32.0	29.71	23.17	18.81	15.69	13.36	11.54	10.09	8.90						
		37.2	16.0	16.0	16.0	16.0	16.0	14.76	12.94	11.49	10.30						
50m		20.0	32.0	32.0	24.93	20.22	16.86	14.33	12.37	10.80							
		39.4	16.0	16.0	16.0	16.0	16.0	15.73	13.77	12.2							
45m		21.0	32.0	32.0	26.42	21.54	18.05	15.43	13.40								
		42.0	16.0	16.0	16.0	16.0	16.0	16.0	14.8								
40m		21.0	32.0	32.0	26.48	21.64	18.19	15.60									
		40.0	16.0	16.0	16.0	16.0	16.0	16.0									
35m		21.5	32.0	32.0	27.05	21.64	18.40										
		35.0	16.0	16.0	16.0	16.0	16.0										
30m		21.5	32.0	32.0	27.05	22.01											
		30.0	16.0	16.0	16.0	16.0											

Load Diagrams 25t

R	Fall	RC	C	25	30	35	40	45	50	55	60	65	70	75	80	85
85m		14.1	25.0	12.92	10.32	8.46	7.07	5.98	5.12	4.41	3.81	3.31	2.88	2.51	2.19	1.90
		27.3	12.5	12.5	11.42	9.56	8.17	7.08	6.22	5.51	4.91	4.41	3.98	3.61	3.29	3.00
80m		16.5	25.0	15.61	12.58	10.41	8.79	7.52	6.51	5.68	5.0	4.41	3.91	3.48	3.10	
		32.5	12.5	12.5	12.5	11.51	9.89	8.62	7.61	6.78	6.10	5.51	5.01	4.58	4.20	
75m		17.6	25.0	16.87	13.65	11.35	9.63	8.29	7.22	6.34	5.61	4.99	4.46	4.0		
		34.9	12.5	12.5	12.5	12.45	10.73	9.39	8.32	7.44	6.71	6.09	5.56	5.10		
70m		19.0	25.0	18.48	15.04	12.58	10.73	9.30	8.15	7.21	6.43	5.77	5.20			
		38.0	12.5	12.5	12.5	12.5	11.83	10.4	9.25	8.31	7.53	6.87	6.30			
65m		20.5	25.0	20.08	16.35	13.68	11.68	10.13	8.88	7.87	7.02	6.30				
		40.8	12.5	12.5	12.5	12.5	12.5	11.23	9.98	8.97	8.12	7.40				
60m		23.2	25.0	23.01	18.75	15.71	13.43	11.65	10.23	9.07	8.10					
		45.8	12.5	12.5	12.5	12.5	12.5	12.5	11.33	10.17	9.20					
55m		24.0	25.0	23.89	19.46	16.30	13.93	12.08	10.61	9.40						
		47.2	12.5	12.5	12.5	12.5	12.5	12.5	11.71	10.5						
50m		25.3	25.0	25.0	20.65	17.31	14.81	12.86	11.3							
		49.6	12.5	12.5	12.5	12.5	12.5	12.5	12.4							
45m		26.5	25.0	25.0	21.76	18.26	15.64	13.6								
		45.0	12.5	12.5	12.5	12.5	12.5	12.5								
40m		27.1	25.0	25.0	22.24	18.56	15.8									
		40.0	12.5	12.5	12.5	12.5	12.5									
35m		27.2	25.0	25.0	22.31	18.60										
		35.0	12.5	12.5	12.5	12.5										
30m		27.2	25.0	25.0	22.30											
		30.0	12.5	12.5	12.5											

Counter weight

			PHZ5700	PHZ4500	PHZ2000
85m	24.32m	30500KG	5	/	1
80m	24.32m	30500KG	5	/	1
75m	24.32m	29300KG	4	1	1
70m	24.32m	29300KG	4	1	1
65m	24.32m	29300KG	4	1	1
60m	24.32m	29300KG	4	1	1
55m	24.32m	28500KG	5	/	/
50m	20.32m	36200KG	6	/	1
45m	20.32m	34200KG	6	/	/
40m	20.32m	33000KG	5	1	/
35m	20.32m	28500KG	5	/	/
30m	20.32m	27300KG	4	1	/

Mechanisms 25/32t

Name								Motor power
			m/min	t	m/min	t	m	kw
Hoisting	25t	90JLF65	0-100	1.9	0-17	25.0	813	90
	32t	110LVF80BX	0-96	3.0	0-16	32.0	830	110
Trolleying	11JXF16		0-43m/min					11
Slewing	RVF7.5		0-0.7rpm					7.5X4
Power	380v (±10%) /50Hz		90JLF65:131kw / 110LVF80BX:151KW					