

 **400-8899-189**

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TOWER CRANE & CONSTRUCTION HOIST PRODUCT MANUAL 2022



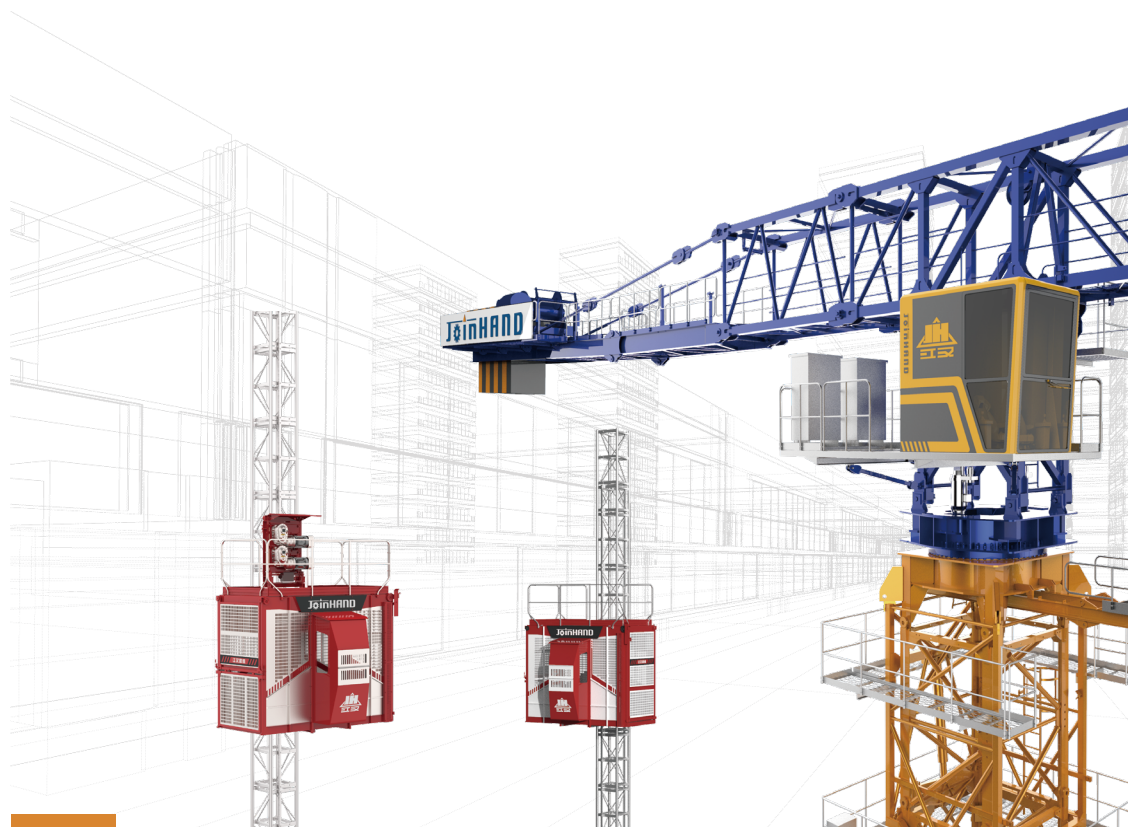
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COMPANY PROFILE



Joinhand Construction Machinery Co., LTD, located in Jingzhou, a beautiful ancient city with long history and culture, is a famous construction machine manufacturer with the largest scale and the top capabilities in Hubei province. It has eighty years experiences of professional machinery design, development and manufacturing. Our company, originally subordinated to SJ Petroleum Machinery Co., Sinopec, In 2001, the company completed the shareholding reform and established itself as an independent construction machinery enterprise. It is National High-tech Enterprise, Innovative Enterprise in Hubei province, Chinese Famous Brand High Quality Enterprise and National Hoisting Machinery Industry Standard Establishment and Review Committee Member Enterprise. Our technical department is certified with Engineering and Technical Research and Development Center of Building Hoisting Machinery in Hubei Province.

We have three manufacturing bases, Jingzhou, Xiantao and Wuhan. We can produce 8000 sets of building hoists and 4000 sets of tower cranes each year. The products are not only sold to various cities and national key projects in China, but also exported to Southeast Asia, Middle East, Middle Asia, Africa, etc. The products are widely used in house construction, road and bridge construction, industry facility construction, and electronic power project construction. By wide selections of products, remarkable performance and dependable quality, Joinhand branch is favored by costumers and 60% provincial capitals highest buildings in China are built with Jionhand products.

We will devote ourselves to providing high quality products and excellent services for customers, based on our management idea of "Responsible for Project, Satisfy Customer" and the quality policy of "Customer Supreme, Quality First, Spare no Effort to be the Leader".



TOWER CRANE										
TYPE	MODEL	RATE LOAD MOMENT (T·M)	MAST SECTION TYPE	MAX JIB LENGTH (M)	TIP LOAD (T)	MAX LOAD (T)	FREE STANDING HEIGHT(M)		MAX DRUM CAPACITY (M)	PAGE
							EMBEDDED BOIT	OUTRIGGER STATIONARY		
PT SERIES	PT7530A-20	315	L69B2	75	3.0	20	57.3	57.5	620	01
	JHT7527A/B/C-16	315	L68B2	75	2.7	16	60.91	61.0	755	06
	JHT7527A/B/C-18	315	L68B2	75	2.7	18	60.91	61.0	755	11
	JHT7527A/B/C-20	315	L68B2	75	2.7	20	60.91	61.0	755	16
	PT7025A/C-12	250	L68B2	70	2.55	12	60.8	61.0	695	21
	JHT7018A/B-10	200	G004	70	1.80	10	50.7	51.0	560	26
	JHT7018H-10	200	L68B2	70	1.80	10	60.4	60.5	560	31
	JHT6518A/B-10	160	F080	65	1.80	10	45.7	46.0	450	36
	JHT6518H-10	160	L68B2	65	1.80	10	60.4	60.5	450	41
	JHT6518A/B-8	160	F080	65	1.80	8	45.7	46.0	440	47
	PT6516B/BZ-10	160	F036	65	1.63	10	47.2	47.5	560	52
	PT6516B/BZ-8	125	F036	65	1.63	8	47.2	47.5	480	57
	PT6515N-10	160	L46	65	1.50	10	44.85	45.0	560	62
	PT6515N-8	160	L46	65	1.50	8	44.85	45.0	480	67
	PT6513B-8	125	F040/F064	65	1.33	8	51.2	51.5	480	72
	PT6513N-8	125	L46A	65	1.33	8	44.85	45.0	450	77
	PT6016B-6	125	E056	60	1.6	6	39.9	40.2	440	82
	PT6016E-6	125	F040/F064	60	1.6	6	51.2	51.5	470	87
	PT6015E-8	125	F040/F064	60	1.51	8	51.2	51.5	440	92
	PT6015B-8	125	E056	60	1.51	8	39.9	40.2	480	97
	PT6015N-8	125	L46A	60	1.31	6	43.2	43.5	440	102
	PT6013B-6	100	E056	60	1.31	6	42.7	43.0	440	107
	PT6013E-6	100	F040	60	1.31	6	51.2	51.5	440	111
	PT6013N-6	100	L46A	56	1.02	6	40.7	41.0	470	115
	PT6010B-6	80	E072/E056	60	1.02	6	39.9	40.2	470	119
	PT6010N-6	80	L46A	56	1.02	6	40.7	41.0	470	123
	PT5610B-6	80	E078/E072	56	1.02	6	40.7	41.0	470	127
TC SERIES	TC7532C-16	315	L69B2	75	3.20	16	59.0	59.2	755	131
	TC6515B-8	125	F036	65	1.51	8	46.7	47.0	480	135
	TC6515BZ-8	125	F040	65	1.51	8	46.7	47.0	480	139

CONSTRUCTION HOIST								
TYPE		MODEL	RATED LOAD (KG)	RATED SPEED (M/MIN)	MOTOR POWER (KW)	MAST SECTION (MM)	STYLE	PAGE
INTELLIGENT CONSTRUCTION HOIST	LOW SPEED	SC200/200B-LPI	2x2000	0-46	2x3x11	650x650	A/B/C/D	143
		SC200/200B-LKI			2x3x11	800x800	A/B	
	LOW-MEDIUM SPEED	SC200/200B-SP	2x2000	0-51	2x2x15	650x650	A/B/C/D	144
		SC200/200B-SK				800x800	A/B	
	MEDIUM SPEED	SC200/200B-MPI	2x2000	0-60	2x3x12	650x650	A/B/C/D	
		SC200/200B-MP			2x2x11 (Efficient)			
		SC200/200B-MKI			2x3x12	800x800	A/B	
		SC200/200B-MK			2x2x11 (Efficient)			
	MEDIUM-HIGH SPEED	SC200/200B-BPI	2x2000	0-70	2x3x16.5	650x650	A/B	
		SC200/200B-BKI				800x800		
	HIGH SPEED	SC200/200B-HPI	2x2000	0-90	2x3x18.5	650x650	A/B	
ENERGY-FEEDBACK CONSTRUCTION HOIST	LOW SPEED	SC200/200B-LPN	2x2000	0-46	2x2x12	650x650	A/B/C/D	145
		SC200/200B-LKN				800x800	A/B	
	MEDIUM SPEED	SC200/200B-MPN	2x2000	0-60	2x2x11 (Efficient)	650x650	A/B/C/D	
		SC200/200B-MKN				800x800	A/B	
MATERIAL CONSTRUCTION HOIS		SC100H-A	1x1000	0-30	1x1x15	650x650		146
		SC100H-R	1x1000		1x1x15			
		SC100/100H-A	2x1000	0-30	2x1x15	650x650		
		SC100/100H-R	2x1000		2x1x15			

* The above are our major models. The performance data is subject to change. Please feel free to ask for the latest documents.



CONSTRUCTION HOIST								
TYPE		MODEL	RATED LOAD (KG)	RATED SPEED (M/MIN)	MOTOR POWER (KW)	MAST SECTION (MM)	STYLE	PAGE
HOISTWAY CONSTRUCTION HOIST	LOW SPEED MODULAR TYPE	SC200W-L	2x2000	0-46	1x2x12	650x200	0/2/4/6	147
		SC200WP-L				650x650		
	MEDIUM SPEED MODULAR TYPE	SC200W-M	2x2000	0-60	1x2x11 (Efficient)	650x200	0/2/4/6	
		SC200WP-M				650x650		
	LOW SPEED INTEGRAL TYPE	SC200W-L	2x2000	0-46	1x2x12	650x200	X	148
		SC200WP-L				650x650		
	MEDIUM SPEED INTEGRAL TYPE	SC200W-M	2x2000	0-60	1x2x11 (Efficient)	650x200	X	
		SC200WP-M				650x650		
	LOW SPEED ECONOMY	SC100W-L	1x1000	0-40	1x2x11	650x200	X	
		SC100WP-L				650x650		
INTEGRAL CONSTRUCTION HOIST		SC120B-L	1x1200	0-30	1x1x13	650x650		149
		SC120B-R						
INCLINED CONSTRUCTION HOIST	LOW SPEED	SCQ200/200B-LPI	2x2000	0-46	2x3x11	650x650		150
		SCQ200/200B-LKI				800x800		
	LOW-MEDIUM SPEED	SCQ200/200B-SP	2x2000	0-52	2x2x15	650x650		
		SCQ200/200B-SK				800x800		
	MEDIUM SPEED	SCQ200/200B-MPI	2x2000	0-60	2x3x12	650x650		
		SCQ200/200B-MP			2x2x11 (Efficient)			
		SCQ200/200B-MKI			2x3x12	800x800		
		SCQ200/200B-MIK			2x2x11 (Efficient)			
	MEDIUM-HIGH SPEED	SCQ200/200B-BPI	2x2000	0-70	2x3x16.5	650x650		
		SCQ200/200B-BKI			2x3x16.5	800x800		

CONSTRUCTION HOIST							
TYPE		MODEL	RATED LOAD (KG)	RATED SPEED (M/MIN)	MOTOR POWER (KW)	MAST SECTION (MM)	PAGE
SPECIAL (MULTI-FIELD) CONSTRUCTION HOIST	EXPLOSION-PROOF CONSTRUCTION HOIST	SC150B-LPX	1x1500	0-20	1x2x7.5	650x650	151
		SC100-LPX	1x1000	0-46	1x2x11	650x200	
	DOUBLE GUIDE CONSTRUCTION HOIST	SCE400-LP	1x4000	0-60	2x3x15	650x650	152
		SCE400/200-L/MP	1x2000 (Single-side cage) 1x4000 (Middle cage)	0-60 (Single-side cage) 0-46 (Middle cage)	2x11 (Single-side cage) 2x3x15 (Middle cage)	650x650	
		SCE200/400/200-M/L/MP	2x2000 (Both sides of the cages) 1x4000 (Middle cage)	0-60 (Both sides of the cages) 0-46 (Middle cage)	2x2x11 (Both sides of the cages) 2x3x15 (Middle cage)	650x650	
	CLIMBING CONSTRUCTION HOIST	SC40-LP	1x1000	0-30	1x1x7.5	650x200	153
	SUSPENDED CONSTRUCTION HOIST	SC100X-LP	1x400	0-33	1x2x11	650x650	154
	LARGE-CAGE CONSTRUCTION HOIST	SC200/200B-CBPI	2x2000	0-63	2x3x18.5	650x900	155

CONSTRUCTION HOIST										
TYPE	MODEL	MAX.LENGTH OF PLATFORM (M)	MAX. UNIFORMLY DISTRIBUTED RATED LOAD (KG)	RATED CARRYING PERSON	RATED LIFTING SPEED (M/MIN)	BASE WIDTH OF PLATFORM (M)	BASE WIDTH OF PLATFORM (M)	MOTOR POWER (KW)	MAST SECTION (MM)	PAGE
ELEVATING WORK PLATFORM	SCP200/12D (Single rail frame)	13.3	2000	3	0-7	1.5	2.7	1x2x3	650x650	156
	SCP400/30S (Single rail frame)	29.6	4000	6				2x2x3		

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TOWER CRANE

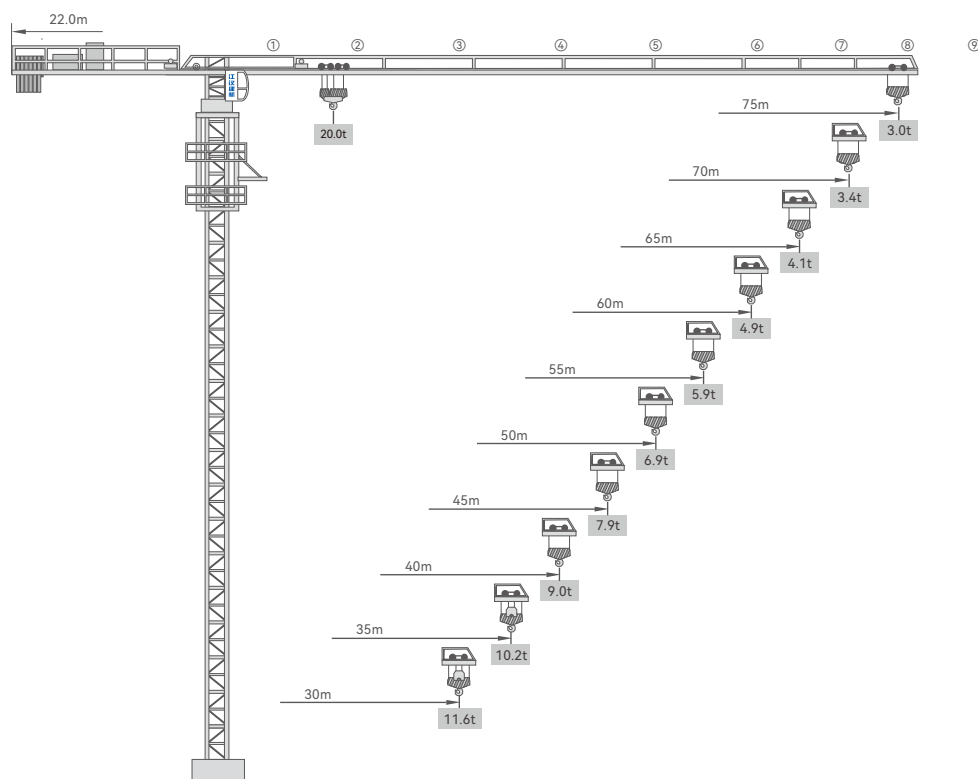
CONSTRUCTION HOIST

TOWER CRANE

PT Series

PT7530A-20	JHT7527A/B/C-16	JHT7527A/B/C-18
JHT7527A/B/C-20	PT7025A/C-12	JHT7018A/B-10
JHT7018H-10	JHT6518A/B-10	JHT6518H-10
JHT6518A/B-8	PT6516B/BZ-10	PT6516B/BZ-8
PT6515N-10	PT6515N-8	PT6513B-8
PT6513N-8	PT6016B-6	PT6016E-6
PT6015E-8	PT6015B-8	PT6015N-8
PT6013B-6	PT6013E-6	PT6013N-6
PT6010B-6	PT6010N-6	PT5610B-6

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →									
		1	2	3	4	5	6	7	8	9	TTL WEIGHT
BEFORE MOUNTING THE JIB		/	/	/	/	/	/	/	3.0t	3.0t	6.0t
JIB	75.0m	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	27.0t
	70.0m	1.5t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	25.5t
	65.0m	/	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	24.0t
	60.0m	/	1.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	22.0t
	55.0m	/	/	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	21.0t
	50.0m	/	/	1.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	19.0t
	45.0m	1.5t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	22.5t
	40.0m	/	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	21.0t
	35.0m	/	1.5t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	19.5t
	35.0m	/	/	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	3.0t	18.0t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)	Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING	▲ ● ▼	90JLF50	U	0~90	620	90
			U	0~44		
			U	0~45		
			U	0~22		
TROLLEYING	◀ ■ ▶	11JXF10		0~65m/min		11
SLEWING	⦿	JH18T3		0~0.7r/min		9×2
POWER SUPPLY					~380V (±10%) 50HZ	
GROSS POWER					97.5KW	

LOAD DIAGRAMS

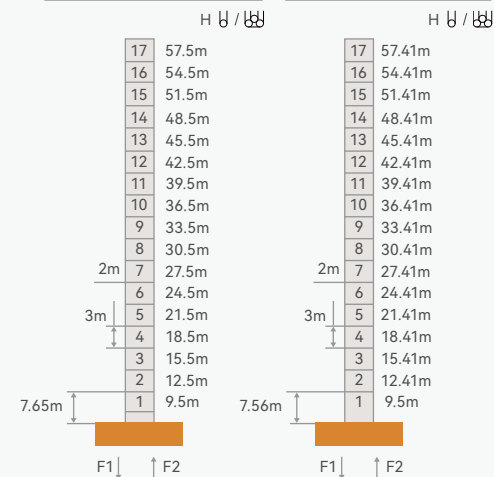
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	35	40	45	50	55	
75m		4.5	29.6	10.0	10000			9880	8150	6895	5945	5200	4610	
		3.8	15.5	20.0	20000	15120	11005	9030	7300	6045	5095	4350	3760	
70m		4.5	30.1	10.0	10000				8400	7175	6210	5400	4805	
		3.8	15.8	20.0	20000	16100	11555	9230	7550	6325	5360	4550	3955	
65m		4.5	31.8	10.0	10000				9110	7815	6760	5920	5265	
		3.8	16.5	20.0	20000	16420	12500	9860	8260	6965	5910	5070	4415	
60m		4.5	33.6	10.0	10000				9705	8265	7200	6315	5600	
		3.8	17.3	20.0	20000	17650	13415	10610	8855	7415	6350	5465	4750	
55m		4.5	35.2	10.0	10000					8705	7515	6600	5900	
		3.8	18.1	20.0	20000	18130	13880	11075	9100	7855	6665	5750	5050	
50m		4.5	35.5	10.0	10000					8830	7685	6900		
		3.8	18.4	20.0	20000	18505	14030	11350	9355	7980	6835	6050		
45m		4.5	37.0	10.0	10000					7995	7900			
		3.8	19.6	20.0	20000	19010	14580	11650	9520	7145	7050			
40m		4.5	36.5	10.0	10000					9000				
		3.8	19.2	20.0	20000	18080	14120	11335	9470	8150				
35m		4.5	35.0	10.0	10000									
		3.8	19.4	20.0	20000	18985	14370	11610	10200					
30m		4.5	30.0	10.0	10000									
		3.8	19.7	20.0	20000	19225	14700	11600						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)			
					60	65	70	75
60m		2.50	36.73	3.00	4035	3600	3280	3000
		2.50	19.94	6.00	3185	2750	2430	2150
57.5m		2.50	37.59	3.00	4285	3850	3400	
		2.50	20.41	6.00	3435	3000	2550	
55m		2.50	39.00	3.00	4700	4100		
		2.50	21.17	6.00	3850	3250		
52.5m		2.50	39.41	3.00	4900			
		2.50	21.40	6.00	4050			
50m		2.50	40.31	3.00				
		2.50	21.88	6.00				
47.5m		2.50	40.92	3.00				
		2.50	22.21	6.00				
45m		2.50	41.76	3.00				
		2.50	22.67	6.00				

Fixed Leg

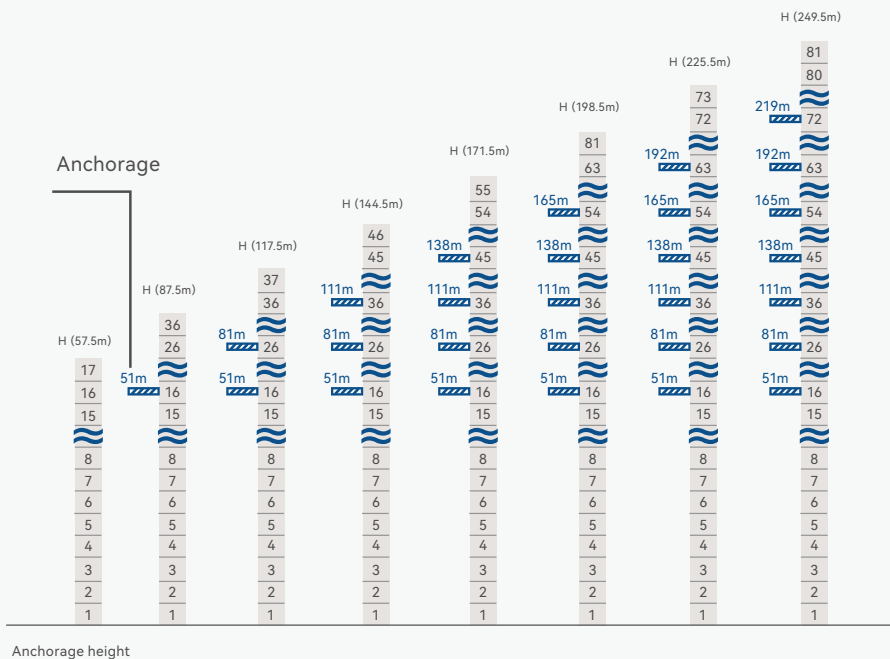
Embedded Bolt



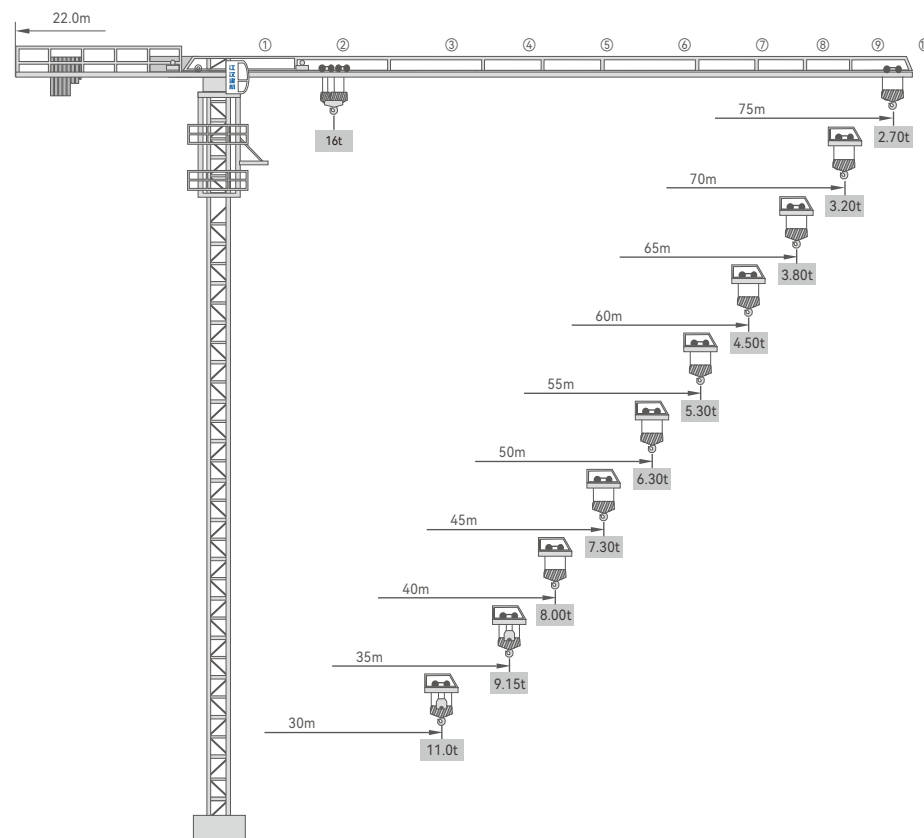
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	205	230	205	230
F2 (t)	360	375	360	375

ANCHORAGES

Hoisting Height



DIMENSIONS



TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Fixed Leg

Embedded Bolt

H (m) / 高度 (m)		H (m) / 高度 (m)	
18	61.0m	18	60.91m
17	58.0m	17	57.91m
16	55.0m	16	54.91m
15	52.0m	15	51.91m
14	49.0m	14	48.91m
13	46.0m	13	45.91m
12	43.0m	12	42.91m
11	40.0m	11	39.91m
10	37.0m	10	36.91m
9	34.0m	9	33.91m
8	31.0m	8	30.91m
7	28.0m	7	27.91m
6	25.0m	6	24.91m
5	22.0m	5	21.91m
4	19.0m	4	18.91m
3	16.0m	3	15.91m
2	13.0m	2	12.91m
1	10.0m	1	10.0m

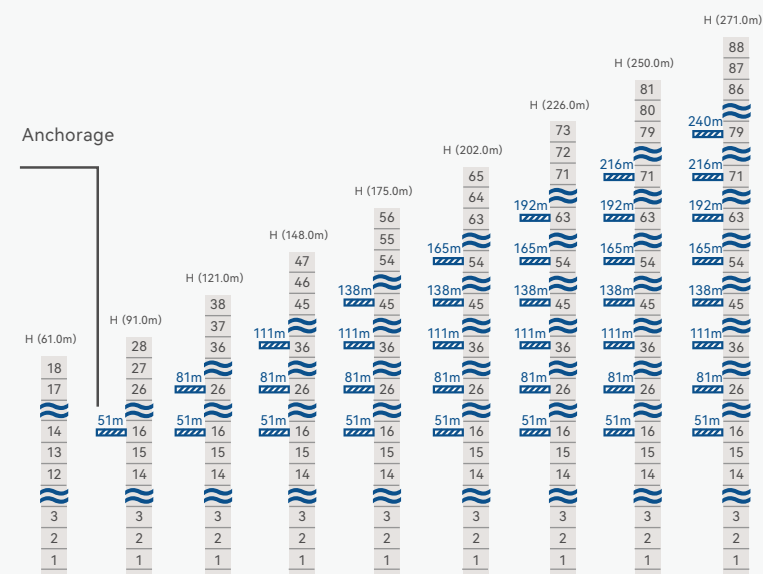
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	174	204	174	204
F2 (t)	321	331	321	331

Note: The above diagrams and parameter descriptions are based on the JHT7527B-16 as an example.

ANCHORAGES

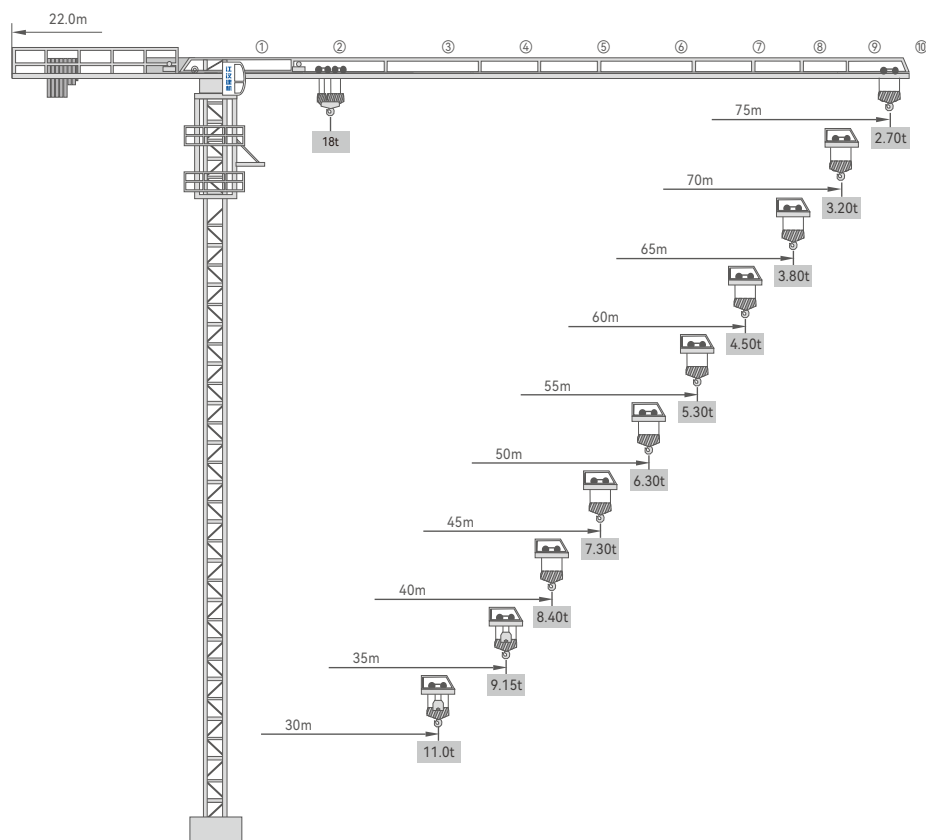
Hoisting Height

Note: Note: The following charts and parameter descriptions are based on JHT7527B-16 as an example.



Anchorage height

DIMENSIONS



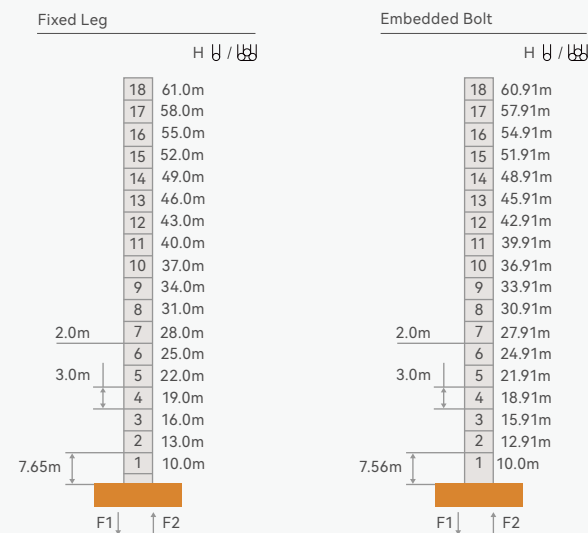
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →								
		1	2	3	4	5	6	7	8	TTL WEIGHT
BEFORE MOUNTING THE JIB		4.0t	/	/	/	/	/	/	/	4.0t
JIB	75m	4.0t	4.0t	4.0t	4.0t	4.0t	2.5t	2.5t	1.0t	26.0t
	70m	4.0t	4.0t	4.0t	4.0t	4.0t	2.5t	2.5t	/	25.0t
	65m	4.0t	4.0t	4.0t	4.0t	4.0t	2.5t	1.0t	/	23.5t
	60m	4.0t	4.0t	4.0t	4.0t	4.0t	2.5t	/	/	22.5t
	55m	4.0t	4.0t	4.0t	4.0t	4.0t	1.0t	/	/	21.0t
	50m	4.0t	4.0t	4.0t	4.0t	2.5t	/	/	/	18.5t
	45m	4.0t	4.0t	4.0t	4.0t	4.0t	2.5t	2.5t	1.0t	26.0t
	40m	4.0t	4.0t	4.0t	4.0t	4.0t	2.5t	/	/	22.5t
	35m	4.0t	4.0t	4.0t	4.0t	2.5t	1.0t	/	/	19.5t
	30m	4.0t	4.0t	4.0t	2.5t	1.0t	/	/	/	15.5t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		75JLF45AC		0~108	1.5	755	75
				0~30	9		
				0~54	3		
				0~15	18		
TROLLEYING		11JXFL0	0~65m/min				11
SLEWING		JH18T5	0~0.7r/min				2×9
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						104KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)												
					15	20	25	30	35	40	45	50	55	60	65	70	75
75m		3.5	28.72	9.00	9000				7169	6121	5307	4655	4122	3678	3302	2979	2700
		3.5	14.73	18.0	16000	12752	9820	7865	6469	5421	4607	3955	3422	2978	2602	2279	2000
70m		3.5	30.24	9.00	9000				7610	6508	5650	4964	4403	3935	3539	3200	
		3.5	15.51	18.0	18000	13525	10438	8380	6910	5808	4950	4264	3703	3235	2839	2500	
65m		3.5	31.9	9.00	9000				6931	6027	5303	4711	4218	3800			
		3.5	16.36	18.0	18000	14373	11116	8945	7394	6231	5327	4603	4011	3518	3100		
60m		3.5	33.56	9.00	9000				7355	6403	5642	5019	4500				
		3.5	17.21	18.0	18000	15220	11794	9510	7879	6655	5703	4942	4319	3800			
55m		3.5	35.07	9.00	9000				7741	6747	5951	5300					
		3.5	17.98	18.0	18000	15993	12412	10025	8320	7041	6047	5251	4600				
50m		3.5	36.78	9.00	9000				7134	6300							
		3.5	18.86	18.0	18000	16865	13110	10607	8819	7478	6434	5600					
45m		3.5	37.51	9.00	9000				7300								
		3.5	19.23	18.0	18000	17238	13408	10855	9031	7664	6600						
40m		3.5	37.65	9.00	9000												
		3.5	19.31	18.0	18000	17310	13466	10903	9073	7700							
35m		3.5	35.0	9.00	9000												
		3.5	19.44	18.0	18000	17445	13574	10993	9150								
30m		3.5	30.0	9.00	9000												
		3.5	19.45	18.0	18000	17455	13582	11000									

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

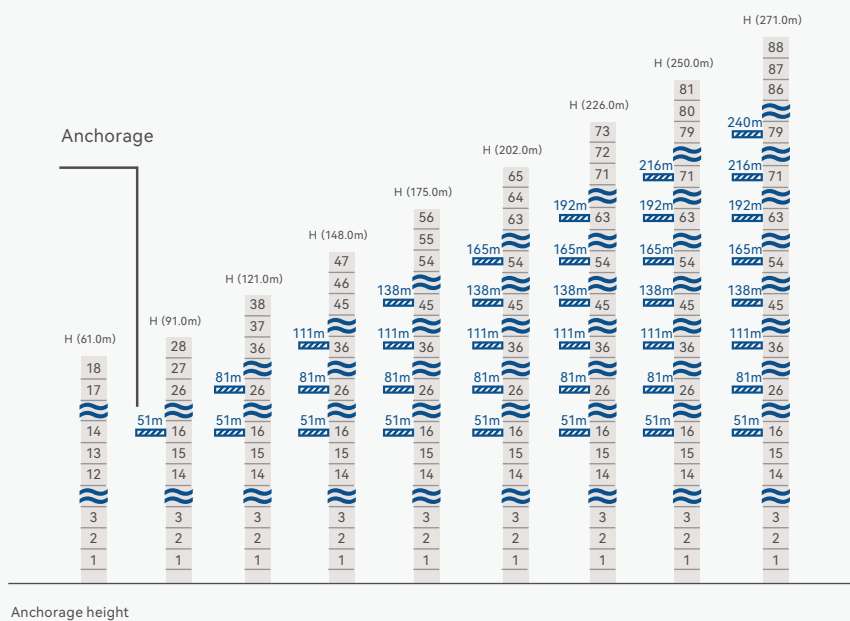
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	174	204	174	204
F2 (t)	321	331	321	331

Note: The above diagrams and parameter descriptions are based on the JHT7527B-18 as an example.

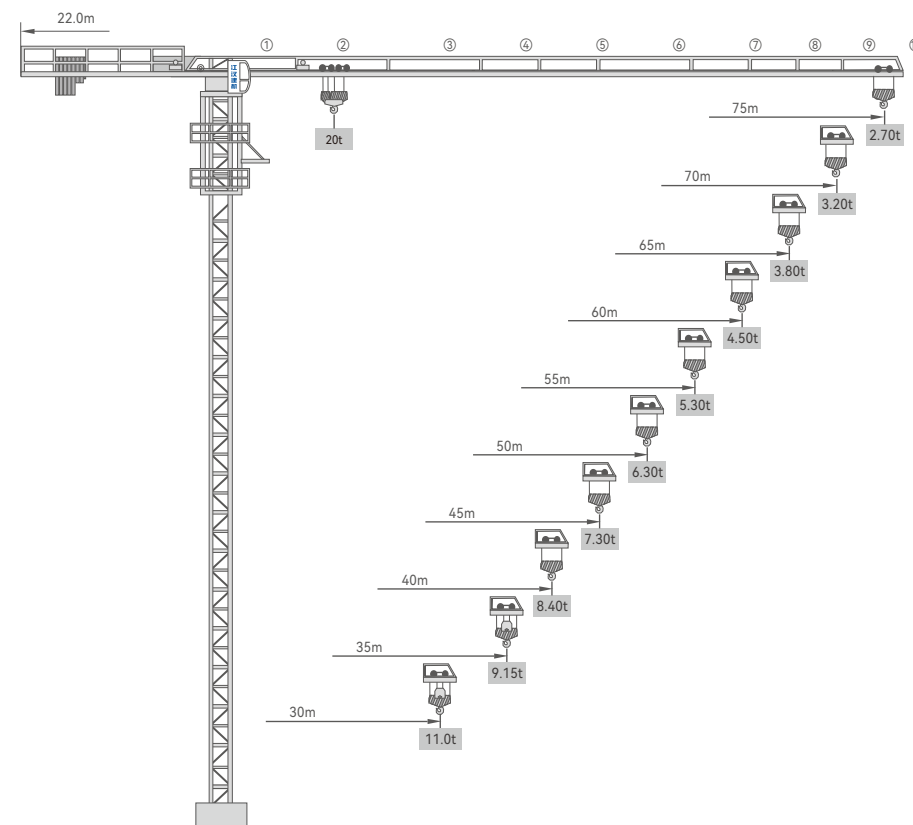
ANCHORAGES

Hoisting Height

Note: Note: The following charts and parameter descriptions are based on JHT7527B-18 as an example.



DIMENSIONS



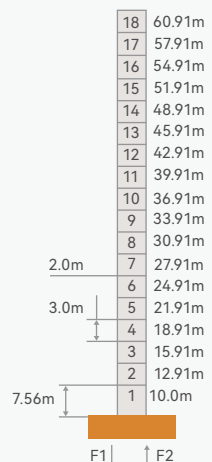
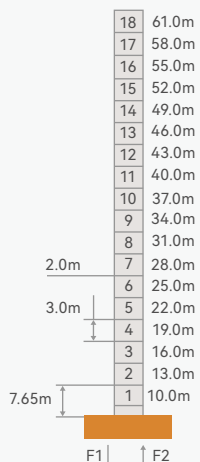
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Fixed Leg

Embedded Bolt

H 18 / 18

H 18 / 18



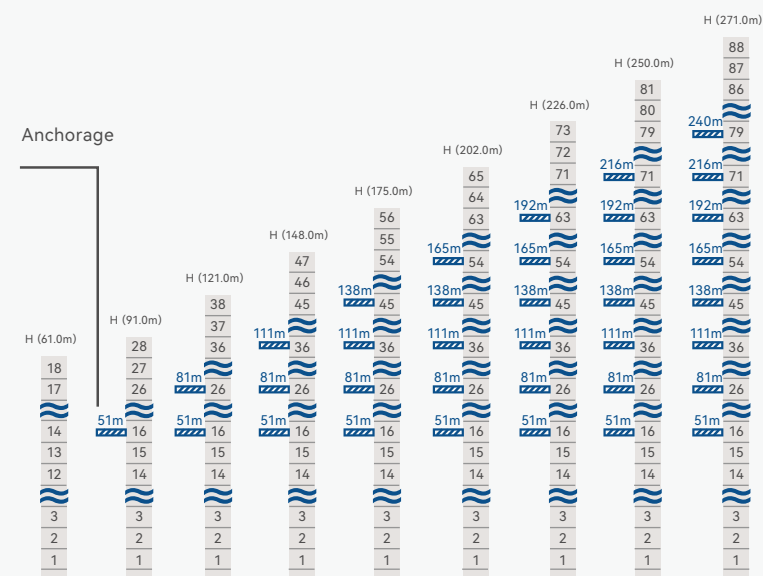
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	174	204	174	204
F2 (t)	321	331	321	331

Note: The above diagrams and parameter descriptions are based on the JHT7527B-20 as an example.

ANCHORAGES

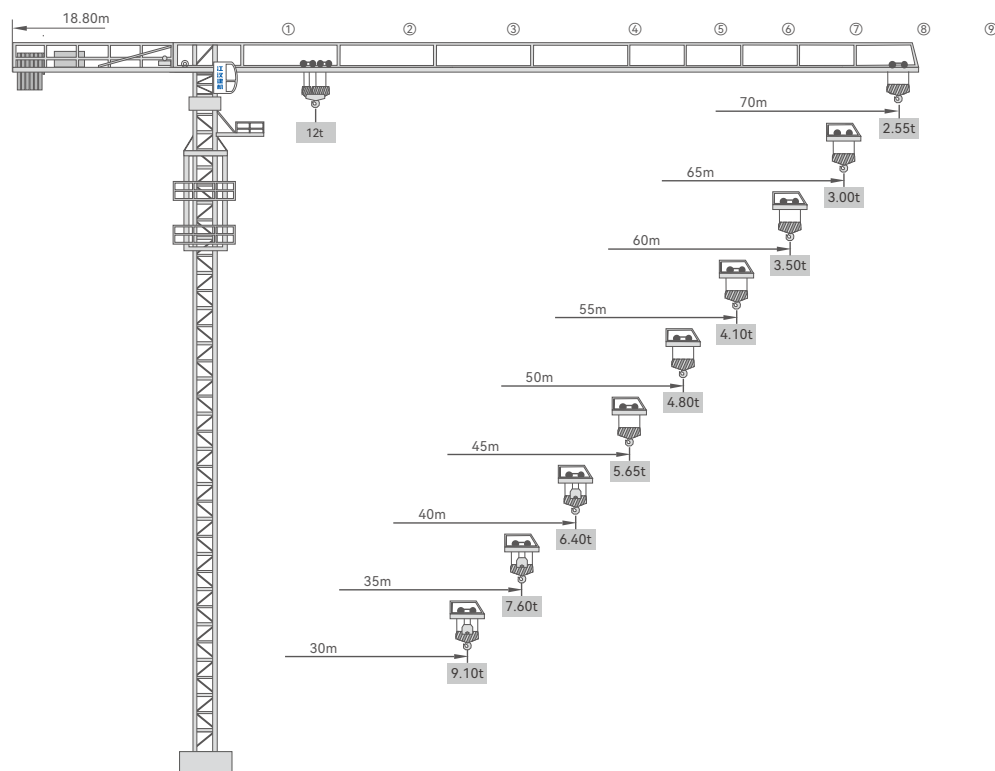
Hoisting Height

Note: Note: The following charts and parameter descriptions are based on JHT7527B-20 as an example.



Anchorage height

DIMENSIONS



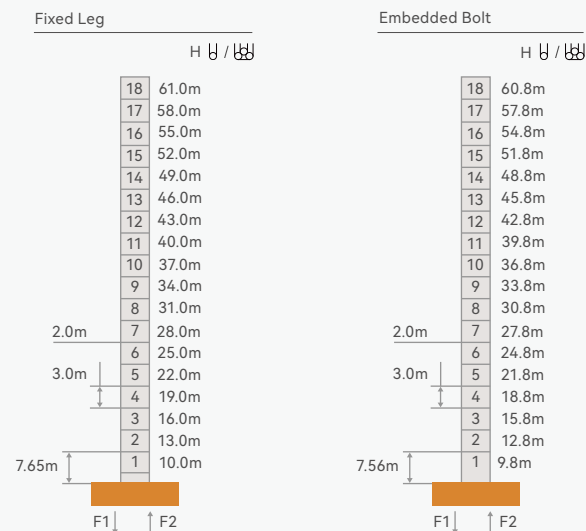
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →									
		1	2	3	4	5	6	7	8	9	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.0t	/	/	/	/	/	/	/	/	3.0t
JIB	70m	3.0t	3.5t	3.0t	3.0t	3.0t	3.0t	1.5t	1.5t	1.0t	22.5t
	65m	3.0t	3.5t	3.0t	3.0t	3.0t	3.0t	1.5t	1.5t	/	21.5t
	60m	3.0t	3.5t	3.0t	3.0t	3.0t	3.0t	1.5t	/	/	20.0t
	55m	3.0t	3.5t	3.0t	3.0t	3.0t	3.0t	/	/	/	18.5t
	50m	3.0t	3.5t	3.0t	3.0t	3.0t	1.0t	/	/	/	16.5t
	45m	3.0t	3.0t	3.0t	3.0t	3.0t	/	/	/	/	15.0t
	40m	3.0t	3.5t	3.0t	3.0t	3.0t	3.0t	1.5t	1.5t	1.0t	22.5t
	35m	3.0t	3.5t	3.0t	3.0t	3.0t	3.0t	1.5t	/	/	20.0t
	30m	3.0t	3.5t	3.0t	3.0t	3.0t	/	/	/	/	15.5t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		55JLF30AC		0~92	1.5	695	55
				0~46	6		
				0~46	3.0		
				0~23	12		
TROLLEYING		7.5JXF8	0~65m/min				7.5
SLEWING		JH12CT6	0~0.7r/min				2×7.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						77.5KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)											
					15	20	25	30	35	40	45	50	55	60	65	70
70m	H	3.5	36.39	6.00	6000					5351	4625	4044	3569	3173	2837	2550
	H	3.5	19.53	12.0	12000	11688	9073	7330	6085	5151	4425	3844	3369	2973	2637	2350
65m	H	3.5	37.86	6.00	6000					5616	4860	4256	3761	3349	3000	
	H	3.5	20.32	12.0	12000	12000	9496	7683	6387	5416	4660	4056	3561	3149	2800	
60m	H	3.5	39.12	6.00	6000					5843	5062	4437	3926	3500		
	H	3.5	21.00	12.0	12000	12000	9859	7985	6646	5643	4862	4237	3726	3300		
55m	H	3.5	40.46	6.00	6000					5274	4629	4100				
	H	3.5	21.72	12.0	12000	12000	12000	8304	6920	5882	5074	4429	3900			
50m	H	3.5	41.65	6.00	6000					5465	4800					
	H	3.5	22.36	12.0	12000	12000	12000	8590	7165	6096	5265	4600				
45m	H	3.5	42.81	6.00	6000					5650						
	H	3.5	22.98	12.0	12000	12000	10918	8868	7403	6304	5450					
40m	H	3.5	40.00	6.00	6000											
	H	3.5	23.26	12.0	12000	12000	11071	8995	7512	6400						
35m	H	3.5	35.00	6.00	6000											
	H	3.5	23.49	12.0	12000	12000	11194	9098	7600							
30m	H	3.5	30.00	6.00	6000											
	H	3.5	23.50	12.0	12000	12000	11197	9100								

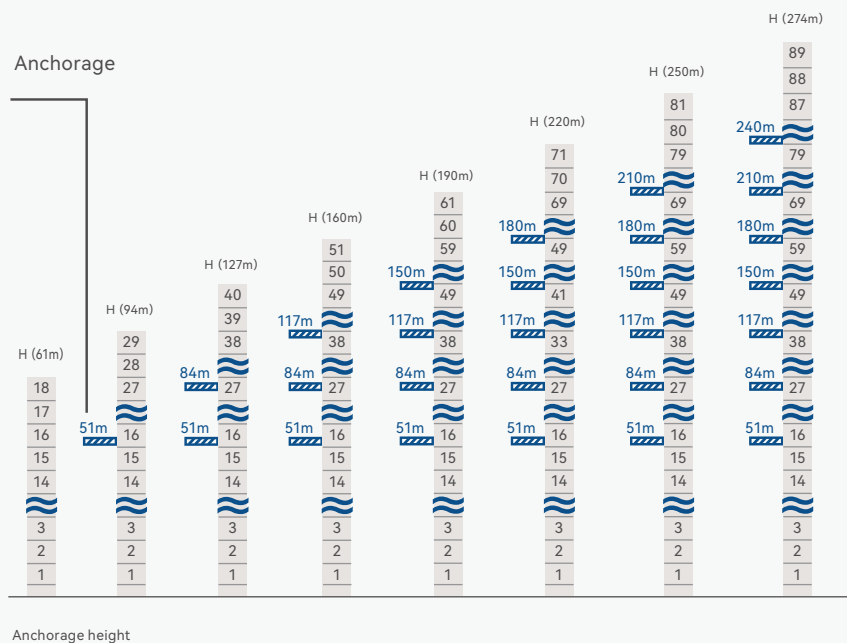
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	153	181.3	153	181.3
F2 (t)	274	282.3	274	282.3

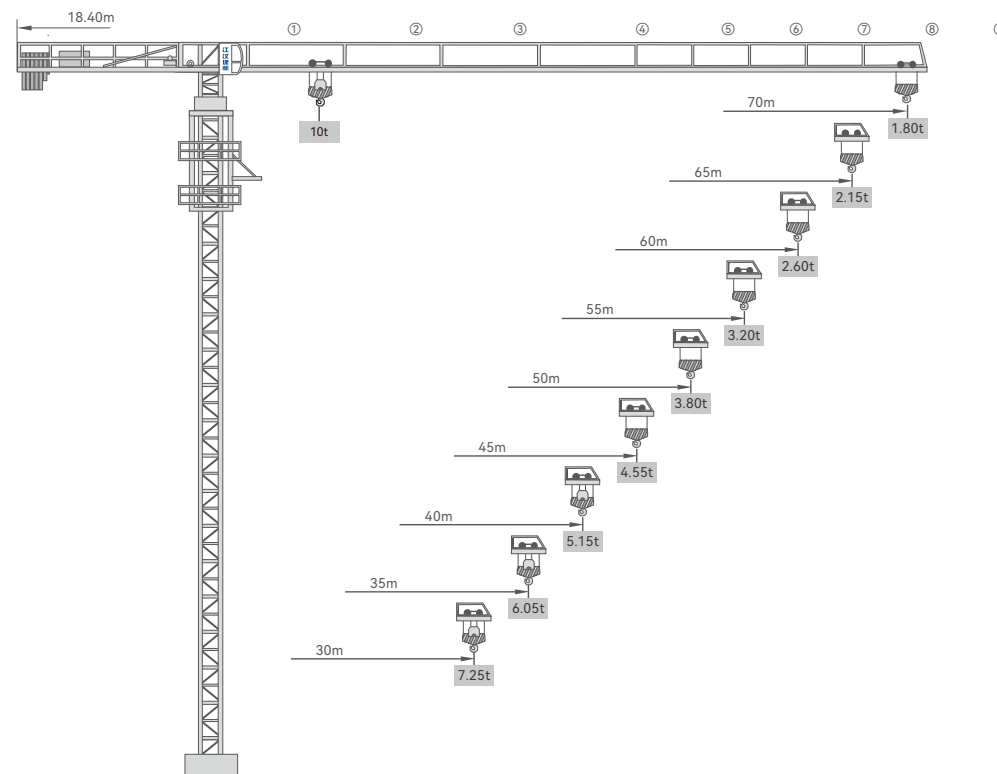
ANCHORAGES

Hoisting Height

Note: Note: The following charts and parameter descriptions are based on PT7025A-12 as an example.



DIMENSIONS



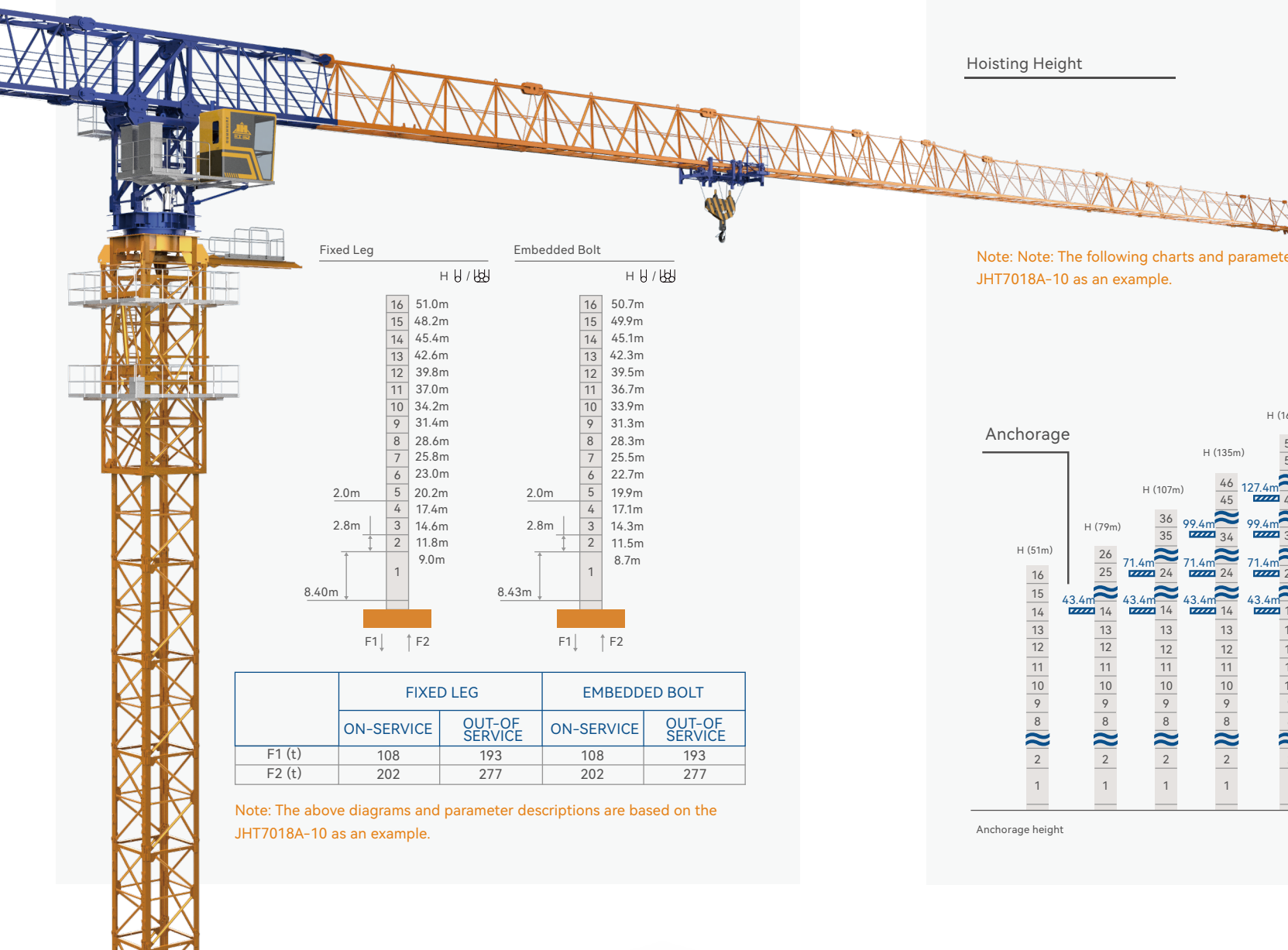
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
		1	2	3	4	5	6	7	
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	70m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	18.75t
	65m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	/	17.75t
	60m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	55m	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	/	15.50t
	50m	3.25t	3.25t	3.25t	3.25t	1.50t	/	/	14.50t
	45m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	40m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	18.75t
	35m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
	30m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t

MECHANISMS

MECHANISMS	LEGEND	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING			0~108	1.5	450/560	45
			0~45	5		
			0~54	3.0		
			0~22	10		
TROLLEYING		0~60m/min				5.5
SLEWING		0~0.6r/min				2×5.5
POWER SUPPLY					~380V (±10%) 50HZ	
GROSS POWER					61.5KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)											
					15	20	25	30	35	40	45	50	55	60	65	70
70m		2.70	32.03	5.00	5000				4500	3825	3300	2880	2537	2250	2008	1800
		2.70	17.18	10.00	10000	8450	6560	5300	4400	3725	3200	2780	2437	2150	1908	1700
65m		2.70	33.60	5.00	5000				4765	4057	3506	3065	2705	2405	2150	
		2.70	18.02	10.00	10000	8913	6930	5609	4665	3957	3406	2965	2605	2305	2050	
60m		2.70	35.59	5.00	5000					4350	3767	3300	2919	2600		
		2.70	19.09	10.00	10000	9500	7400	6000	5000	4250	3667	3200	2819	2500		
55m		2.70	38.22	5.00	5000					4738	4112	3610	3200			
		2.70	20.50	10.00	10000	10000	8020	6517	5443	4638	4012	3510	3100			
50m		2.70	39.83	5.00	5000					4975	4323	3800				
		2.70	31.36	10.00	10000	10000	8400	6834	5715	4875	4223	3700				
45m		2.70	41.57	5.00	5000						4550					
		2.70	22.29	10.00	10000	10000	8810	7175	6008	5132	4450					
40m		2.70	40.00	5.00	5000											
		2.70	22.36	10.00	10000	10000	8840	7200	6029	5150						
35m		2.70	35.00	5.00	5000											
		2.70	22.43	10.00	10000	10000	8870	7225	6050							
30m		2.70	30.00	5.00	5000											
		2.70	22.50	10.00	10000	10000	8900	7250								

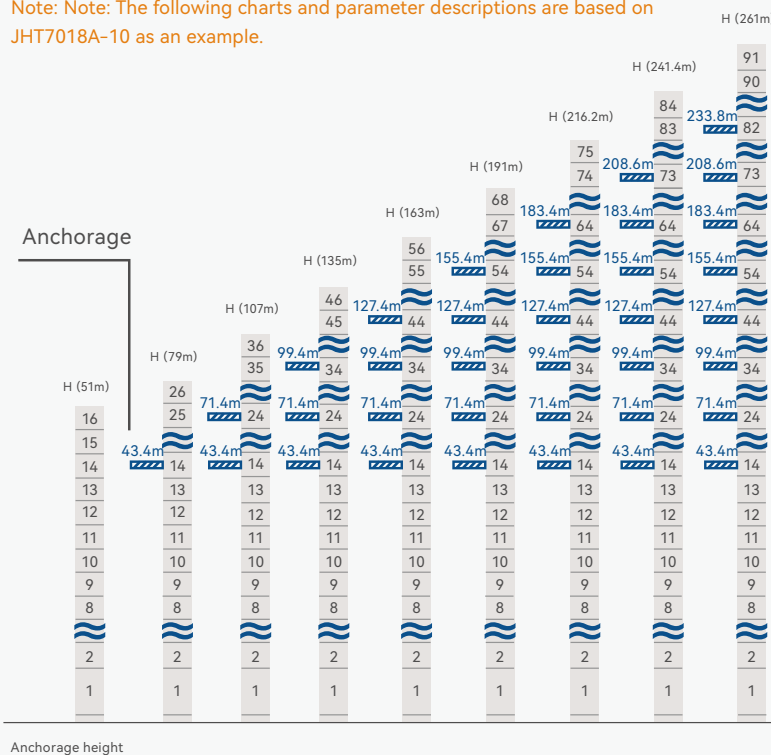
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Note: The above diagrams and parameter descriptions are based on the JHT7018A-10 as an example.

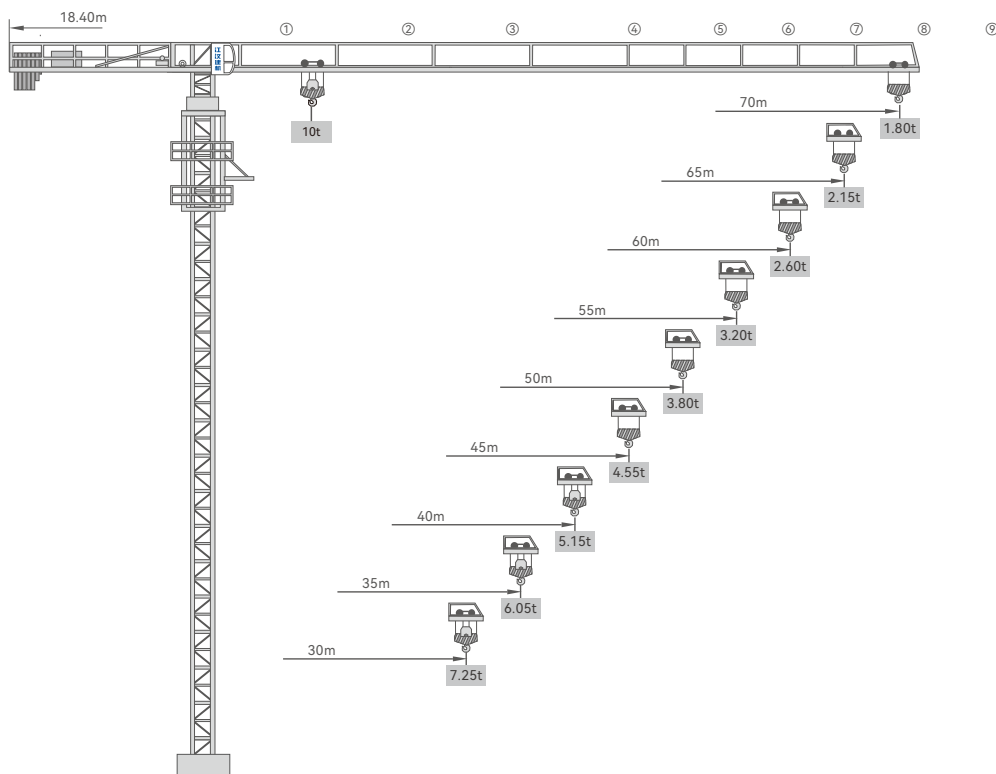
ANCHORAGES

Hoisting Height

Note: Note: The following charts and parameter descriptions are based on JHT7018A-10 as an example.



DIMENSIONS



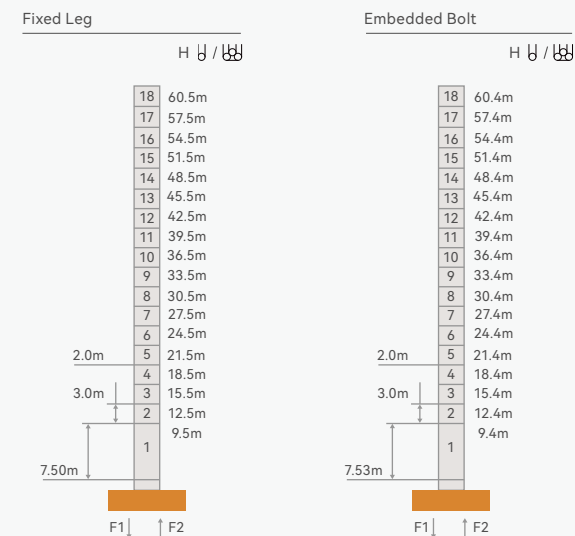
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
		1	2	3	4	5	6	7	
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	70m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	18.75t
	65m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	/	17.75t
	60m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	55m	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	/	15.50t
	50m	3.25t	3.25t	3.25t	3.25t	1.50t	/	/	14.50t
	45m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	40m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	18.75t
	35m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
	30m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t

MECHANISMS

MECHANISMS	LEGEND	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING			0~108	1.5	450/560	45
			0~45	5		
			0~54	3.0		
			0~22	10		
TROLLEYING		0~60m/min				5.5
SLEWING		0~0.6r/min				2×5.5
POWER SUPPLY					~380V (±10%) 50HZ	
GROSS POWER					61.5KW	

LOAD DIAGRAMS

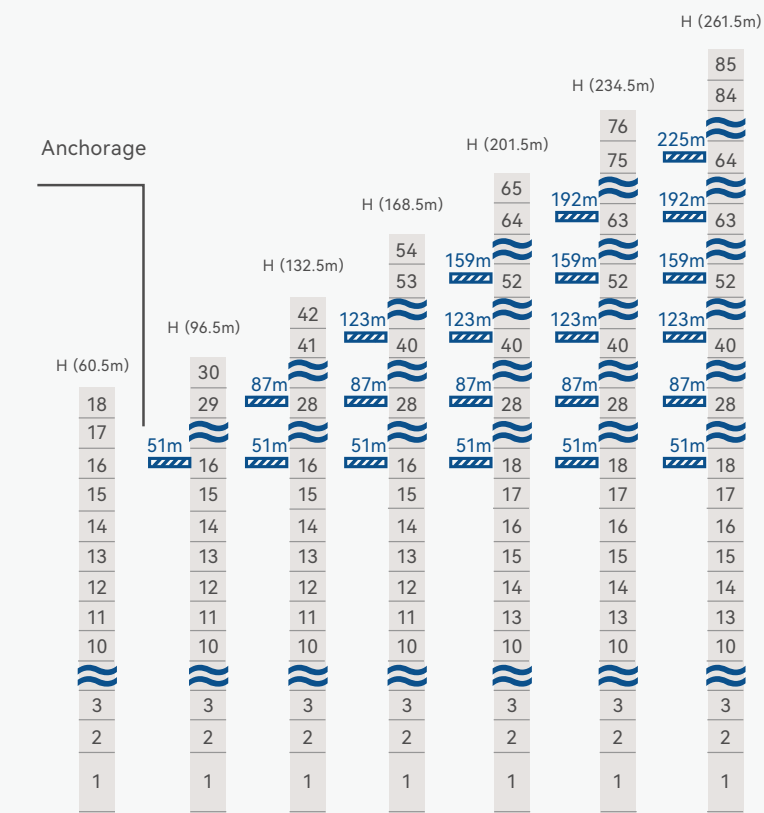
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)											
					15	20	25	30	35	40	45	50	55	60	65	70
70m		2.70	32.03	5.00	5000				4500	3825	3300	2880	2537	2250	2008	1800
		2.70	17.18	10.00	10000	8450	6560	5300	4400	3725	3200	2780	2437	2150	1908	1700
65m		2.70	33.60	5.00	5000				4765	4057	3506	3065	2705	2405	2150	
		2.70	18.02	10.00	10000	8913	6930	5609	4665	3957	3406	2965	2605	2305	2050	
60m		2.70	35.59	5.00	5000				4350	3767	3300	2919	2600			
		2.70	19.09	10.00	10000	9500	7400	6000	5000	4250	3667	3200	2819	2500		
55m		2.70	38.22	5.00	5000				4738	4112	3610	3200				
		2.70	20.50	10.00	10000	10000	8020	6517	5443	4638	4012	3510	3100			
50m		2.70	39.83	5.00	5000				4975	4323	3800					
		2.70	31.36	10.00	10000	10000	8400	6834	5715	4875	4223	3700				
45m		2.70	41.57	5.00	5000						4550					
		2.70	22.29	10.00	10000	10000	8810	7175	6008	5132	4450					
40m		2.70	40.00	5.00	5000											
		2.70	22.36	10.00	10000	10000	8840	7200	6029	5150						
35m		2.70	35.00	5.00	5000											
		2.70	22.43	10.00	10000	10000	8870	7225	6050							
30m		2.70	30.00	5.00	5000											
		2.70	22.50	10.00	10000	10000	8900	7250								

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	154	181	154	181
F2 (t)	266	279	266	279

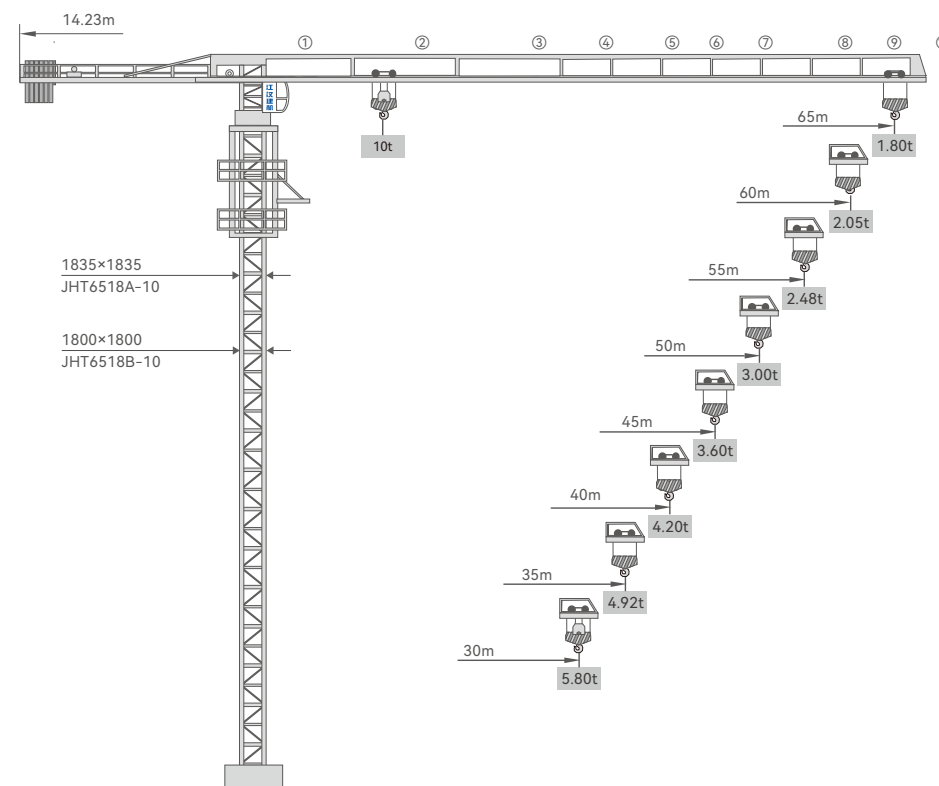
ANCHORAGES

Hoisting Height



Anchorage height

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
		1	2	3	4	5	6	7	
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	65m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	18.75t
	60m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	/	17.75t
	55m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	50m	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	/	15.50t
	45m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
	40m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	35m	3.25t	3.25t	2.50t	1.00t	/	/	/	10.75t
	30m	3.25t	3.25t	1.50t	1.00t	/	/	/	9.00t

MECHANISMS

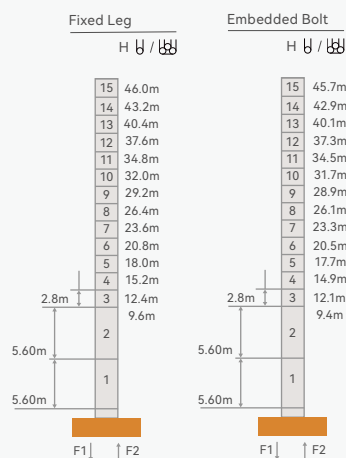
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		60QP25HB		0~108	1.5	450	45
				0~45	5.0		
				0~54	3.0		
				0~22	10.0		
TROLLEYING		55BPX70	0~60m/min				5.5
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						61.5KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)								
					15	20	30	32	35	38	40	42	45
65m		2.70	29.32	5.00	5000		4869	4513	4055	3669	3444	3241	3969
		2.70	15.67	10.00	10000	7638	4789	4433	3975	3589	3365	3161	2889
60m		2.70	29.64	5.00	5000		4930	4570	4108	3718	3490	3285	3010
		2.70	15.84	10.00	10000	7730	4850	4490	4028	3638	3410	3205	2930
55m		2.70	31.23	5.00	5000			4860	4372	3961	3722	3505	3216
		2.70	16.69	10.00	10000	8193	5159	4780	4292	3881	3642	3425	3136
50m		2.70	32.85	5.00	5000				4624	4210	3958	3730	3426
		2.70	17.55	10.00	10000	8665	5474	5075	4544	4130	3878	3650	3346
45m		2.70	34.19	5.00	5000				4866	4417	4154	3917	3600
		2.70	18.27	10.00	10000	9058	5735	5320	4786	4337	4074	3837	3520
40m		2.70	34.51	5.00	5000				4919	4465	4200		
		2.70	18.44	10.00	10000	9150	5797	5378	4839	4385	4120		
35m		2.70	34.52	5.00	5000				4920				
		2.70	18.45	10.00	10000	9153	5799	5380	4840				
30m		2.70	30.00	5.00	5000								
		2.70	18.45	10.00	10000	9155	5800						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

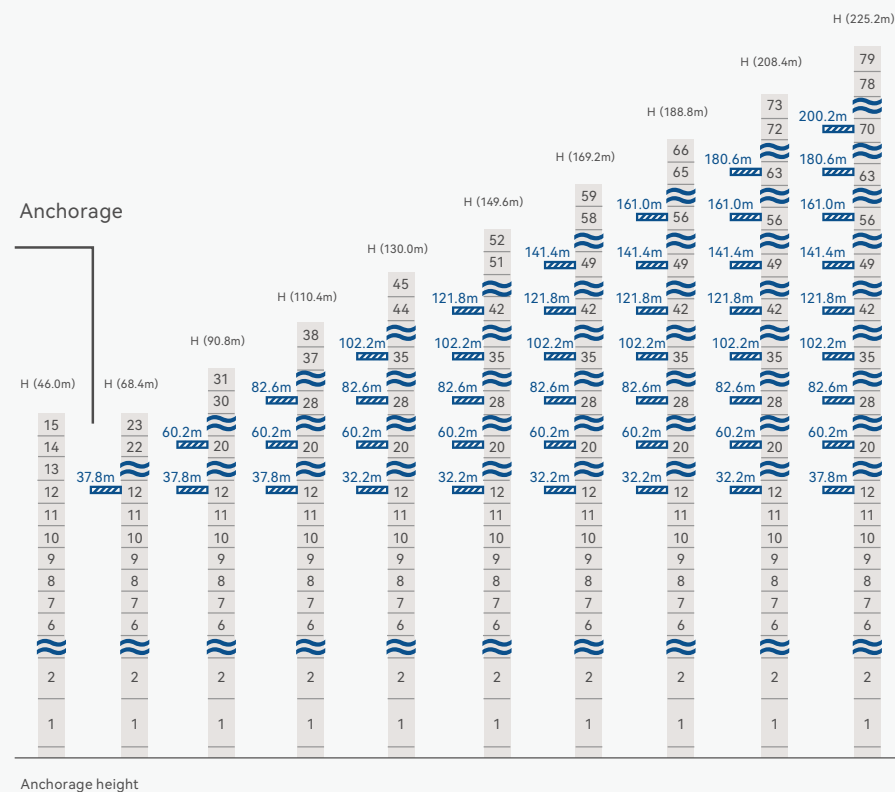
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)							
					48	50	52	55	58	60	62	65
65m		2.70	29.32	5.00	2732	2589	2458	2279	2118	2020	1928	1800
		2.70	15.67	10.00	2652	2509	2378	2199	2038	1940	1848	1720
60m		2.70	29.64	5.00	2770	2626	2494	2312	2150	2050		
		2.70	15.84	10.00	2690	2546	2414	2232	2070	1970		
55m		2.70	31.23	5.00	2963	2811	2671	2480				
		2.70	16.69	10.00	2883	2731	2591	2400				
50m		2.70	32.85	5.00	3160	3000						
		2.70	17.55	10.00	3080	2920						



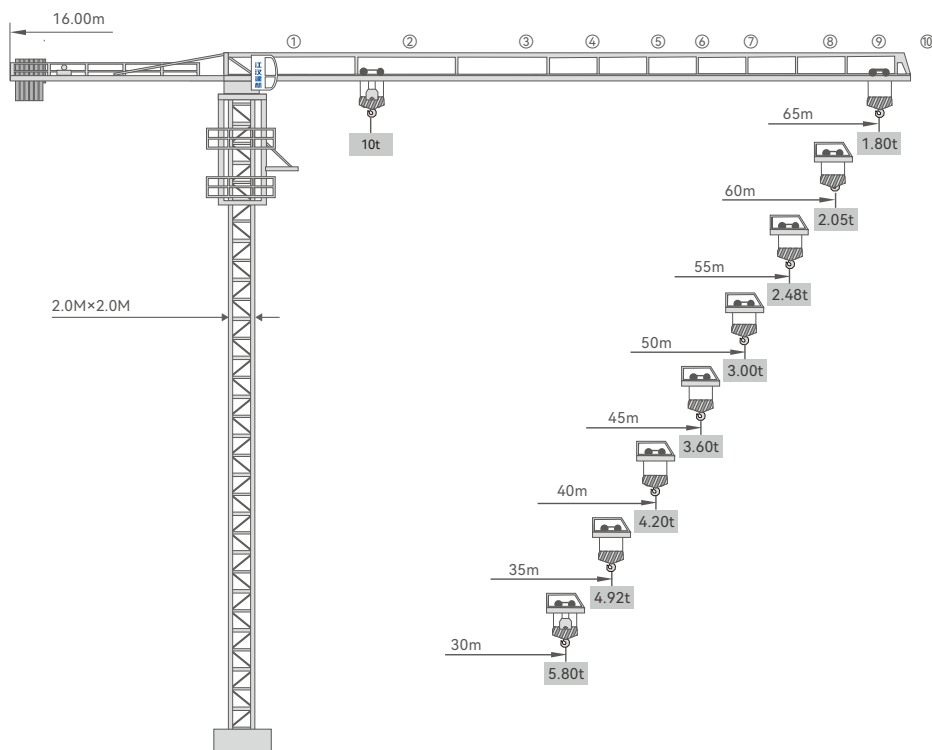
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	98.4	143	98.4	143
F2 (t)	181	214	181	214

ANCHORAGES

Hoisting Height



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
		1	2	3	4	5	6	7	
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	65m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	18.75t
	60m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	/	17.75t
	55m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	50m	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	/	15.50t
	45m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
	40m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	35m	3.25t	3.25t	3.25t	1.00t	/	/	/	10.75t
	30m	3.25t	3.25t	1.50t	1.00t	/	/	/	9.00t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		60QP25HB		0~108	1.5	450	45
				0~45	5.0		
				0~54	3.0		
				0~22	10.0		
TROLLEYING		55BPX70	0~60m/min				5.5
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						61.5KW	

LOAD DIAGRAMS

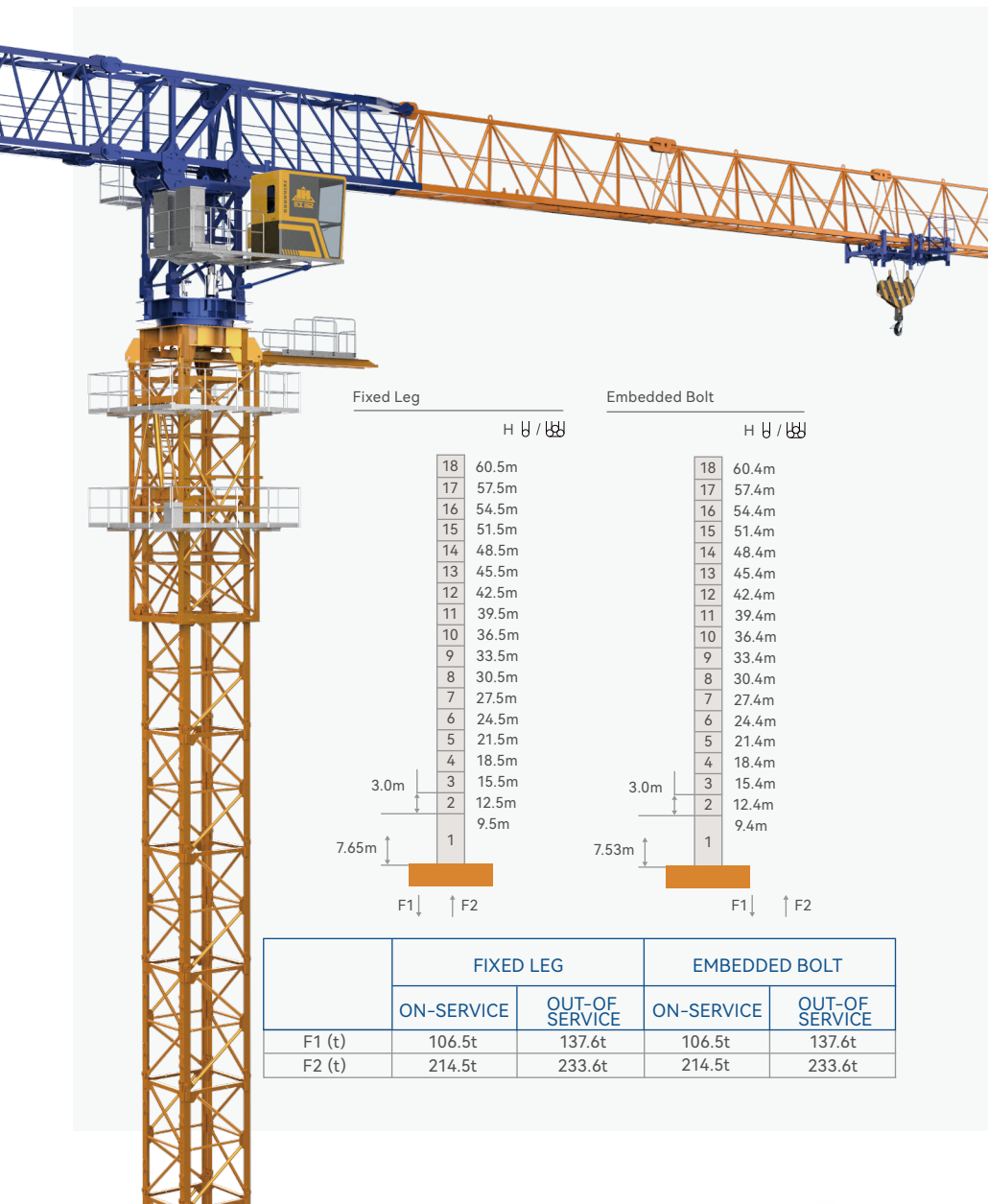


Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)								
					15	20	30	32	35	38	40	42	45
65m		2.70	29.32	5.00	5000		4869	4513	4055	3669	3444	3241	3969
		2.70	15.67	10.00	10000	7638	4789	4433	3975	3589	3365	3161	2889
60m		2.70	29.64	5.00	5000		4930	4570	4108	3718	3490	3285	3010
		2.70	15.84	10.00	10000	7730	4850	4490	4028	3638	3410	3205	2930
55m		2.70	31.23	5.00	5000			4860	4372	3961	3722	3505	3216
		2.70	16.69	10.00	10000	8193	5159	4780	4292	3881	3642	3425	3136
50m		2.70	32.85	5.00	5000				4624	4210	3958	3730	3426
		2.70	17.55	10.00	10000	8665	5474	5075	4544	4130	3878	3650	3346
45m		2.70	34.19	5.00	5000				4866	4417	4154	3917	3600
		2.70	18.27	10.00	10000	9058	5735	5320	4786	4337	4074	3837	3520
40m		2.70	34.51	5.00	5000				4919	4465	4200		
		2.70	18.44	10.00	10000	9150	5797	5378	4839	4385	4120		
35m		2.70	34.52	5.00	5000				4920				
		2.70	18.45	10.00	10000	9153	5799	5380	4840				
30m		2.70	30.00	5.00	5000								
		2.70	18.45	10.00	10000	9155	5800						

LOAD DIAGRAMS

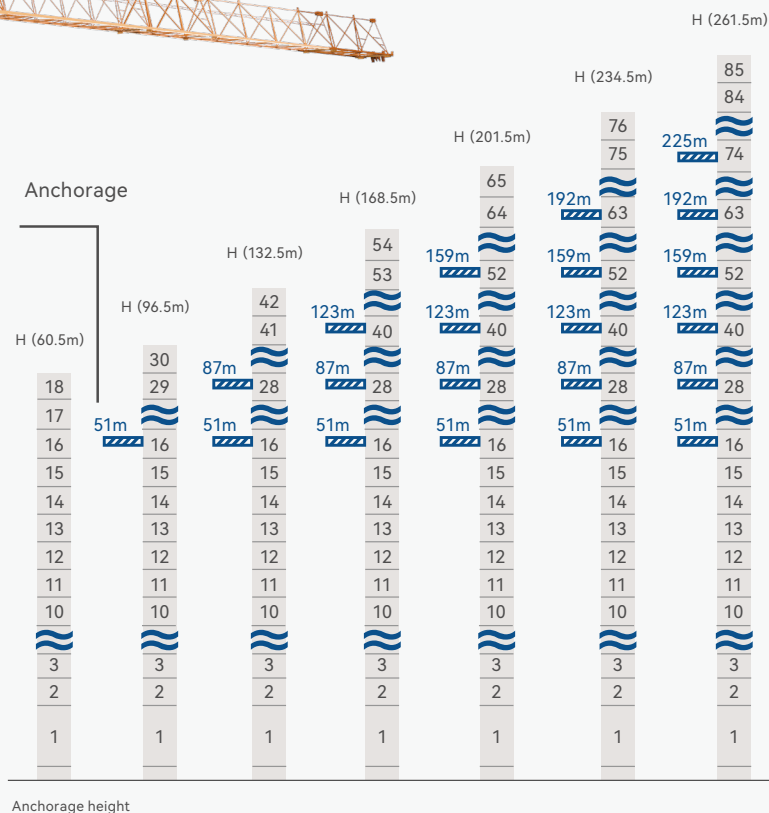


Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)							
					48	50	52	55	58	60	62	65
65m		2.70	29.32	5.00	2732	2589	2458	2279	2118	2020	1928	1800
		2.70	15.67	10.00	2652	2509	2378	2199	2038	1940	1848	1720
60m		2.70	29.64	5.00	2770	2626	2494	2312	2150	2050		
		2.70	15.84	10.00	2690	2546	2414	2232	2070	1970		
55m		2.70	31.23	5.00	2963	2811	2671	2480				
		2.70	16.69	10.00	2883	2731	2591	2400				
50m		2.70	32.85	5.00	3160	3000						
		2.70	17.55	10.00	3080	2920						

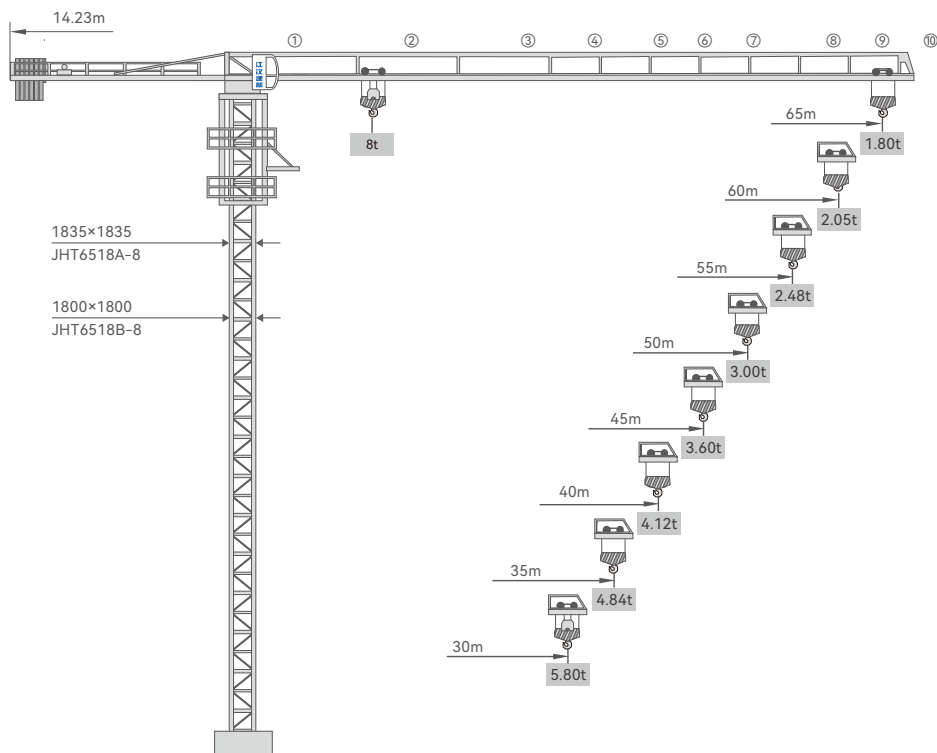
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

ANCHORAGES

Hoisting Height



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
		1	2	3	4	5	6	7	
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	65m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	18.75t
	60m	3.25t	3.25t	3.25t	3.25t	3.25t	1.50t	/	17.75t
	55m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	50m	3.25t	3.25t	3.25t	3.25t	1.50t	1.00t	/	15.50t
	45m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
	40m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	35m	3.25t	3.25t	3.25t	1.00t	/	/	/	10.75t
	30m	3.25t	3.25t	1.50t	1.00t	/	/	/	9.00t

MECHANISMS

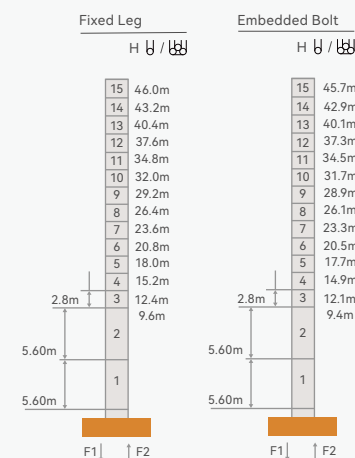
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		40QP20HB		0~100	1.1	440	30
				0~40	4.0		
				0~50	2.2		
				0~20	8.0		
TROLLING		40BPX65	0~65m/min				4.0
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						45KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)								
					15	20	30	32	35	38	40	42	45
65m		2.70	35.39	4.00	4000					3669	3444	3241	3969
		2.70	19.19	8.00	8000	7638	4789	4433	3975	3589	3365	3161	2889
60m		2.70	35.78	4.00	4000					3718	3490	3285	3010
		2.70	19.39	8.00	8000	7730	4850	4490	4028	3638	3410	3205	2930
55m		2.70	37.69	4.00	4000					3961	3722	3505	3216
		2.70	20.43	8.00	8000	8000	5159	4780	4292	3881	3642	3425	3136
50m		2.70	39.65	4.00	4000					3958	3730	3426	
		2.70	21.49	8.00	8000	8000	5474	5075	4544	4130	3878	3650	3346
45m		2.70	41.27	4.00	4000						3917	3600	
		2.70	22.37	8.00	8000	8000	5735	5320	4786	4337	4074	3837	3520
40m		2.70	40.00	4.00	4000								
		2.70	22.58	8.00	8000	8000	5797	5378	4839	4385	4120		
35m		2.70	35.00	4.00	4000								
		2.70	22.59	8.00	8000	8000	5799	5380	4840				
30m		2.70	30.00	4.00	4000								
		2.70	22.59	8.00	8000	8000	5800						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)							
					48	50	52	55	58	60	62	65
65m		2.70	35.39	4.00	2732	2589	2458	2279	2118	2020	1928	1800
		2.70	19.19	8.00	2652	2509	2378	2199	2038	1940	1848	1720
60m		2.70	35.78	4.00	2770	2626	2494	2312	2150	2050		
		2.70	19.39	8.00	2690	2546	2414	2232	2070	1970		
55m		2.70	37.69	4.00	2963	2811	2671	2480				
		2.70	20.43	8.00	2883	2731	2591	2400				
50m		2.70	39.65	4.00	3160	3000						
		2.70	21.49	8.00	3080	2920						

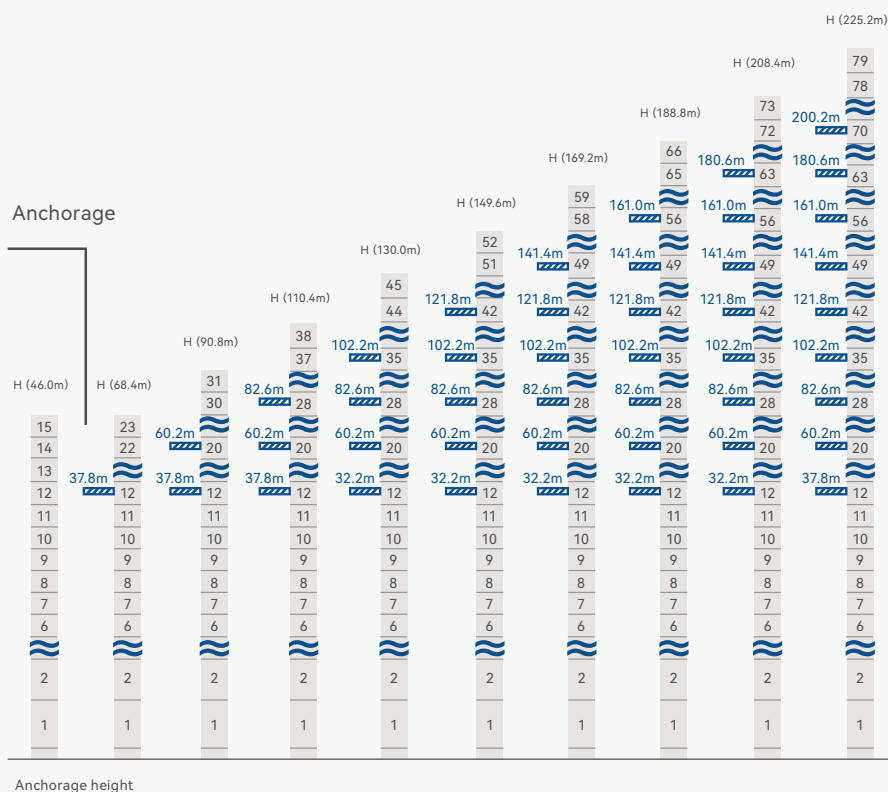


	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	99.4	143	99.4	143
F2 (t)	180	214	180	214

ANCHORAGES

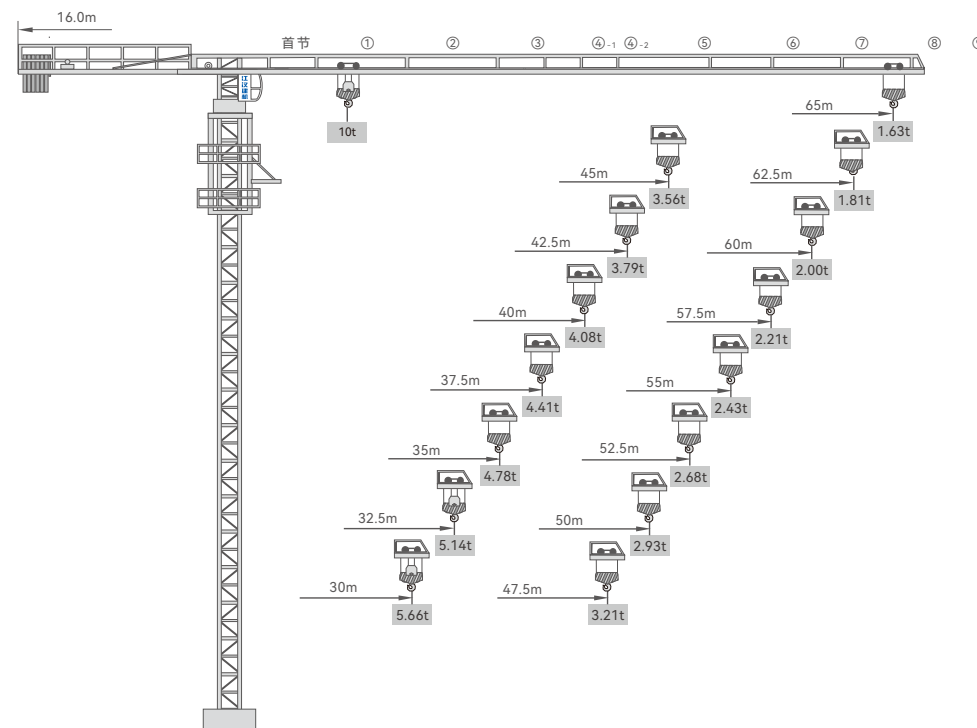
Hoisting Height

Anchorage



Anchorage height

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							
		1	2	3	4	5	6	7	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	65.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	62.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	60.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	57.5m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
	55.0m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t

JIB	52.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	47.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
	45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	40.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	37.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	/	17.50t
	35.0m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
	32.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	30.0m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t

MECHANISMS

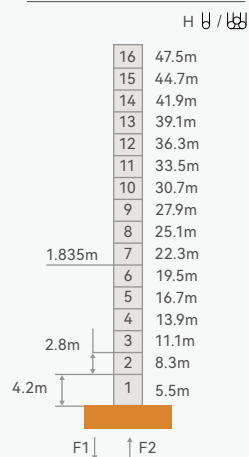
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		60QP25HB-G1		0~108	1.5	450/560	45
				0~72	3.5		
				0~45	5.0		
				0~54	3.0		
				0~36	7.0		
				0~22	10.0		
TROLLEYING		95BLX65	0~60m/min				5.5
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						61.5KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)											
					15	20	25	30	35	40	45	50	55	60	65	
65m		2.50	27.42	5.00	5000			4500	3739	3168	2724	2368	2078	1835	1630	
		2.50	14.66	10.00	10000	7085	5486	4420	3659	3088	2644	2288	1998	1755	1550	
62.5m		2.50	28.24	5.00	5000			4660	3876	3288	2830	2464	2165	1915		
		2.50	15.10	10.00	10000	7325	5678	4580	3796	3208	2750	2384	2085	1835		
60m		2.50	29.12	5.00	5000			4830	4021	3415	2943	2566	2257	2000		
		2.50	15.57	10.00	10000	7580	5882	4750	3941	3335	2863	2486	2177	1920		
57.5m		2.50	29.93	5.00	5000			4988	4157	3533	3049	2661	2343			
		2.50	16.00	10.00	10000	7916	6071	4908	4077	3453	2969	2581	2263			
55m		2.50	30.75	5.00	5000				4293	3653	3155	2756	2430			
		2.50	16.44	10.00	10000	8055	6262	5067	4213	3573	3075	2676	2350			
52.5m		2.50	31.60	5.00	5000				4435	3777	3265	2856				
		2.50	16.90	10.00	10000	8304	6461	5233	4355	3697	3185	2776				
50m		2.50	32.24	5.00	5000				4542	3870	3348	2930				
		2.50	17.24	10.00	10000	8490	6610	5357	4462	3790	3268	2850				
47.5m		2.50	32.87	5.00	5000				4647	3962	3430					
		2.50	17.57	10.00	10000	8674	6757	5479	4567	3882	3350					
45m		2.50	33.65	5.00	5000				4815	4109	3560					
		2.50	18.10	10.00	10000	8968	6992	5675	4735	4029	3480					
42.5m		2.50	33.68	5.00	5000				4780	4079						
		2.50	18.00	10.00	10000	8908	6944	5635	4700	3999						
40m		2.50	33.69	5.00	5000				4782	4080						
		2.50	18.01	10.00	10000	8910	6946	5637	4702	4000						
37.5m		2.50	33.69	5.00	5000				4783							
		2.50	18.01	10.00	10000	8912	6947	5638	4703							
35m		2.50	33.68	5.00	5000				4780							
		2.50	18.00	10.00	10000	8908	6944	5635	4700							
32.5m		2.50	32.5	5.00	5000											
		2.50	18.01	10.00	10000	8914	6949	5639								
30m		2.50	30	5.00	5000											
		2.50	18.07	10.00	10000	8945	6974	5600								

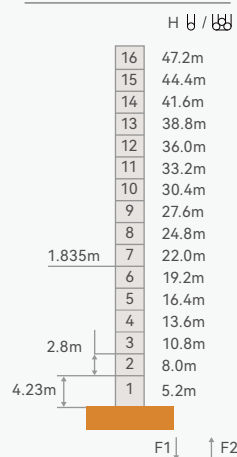
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Fixed Leg



F1 ↓ ↑ F2

Embedded Bolt

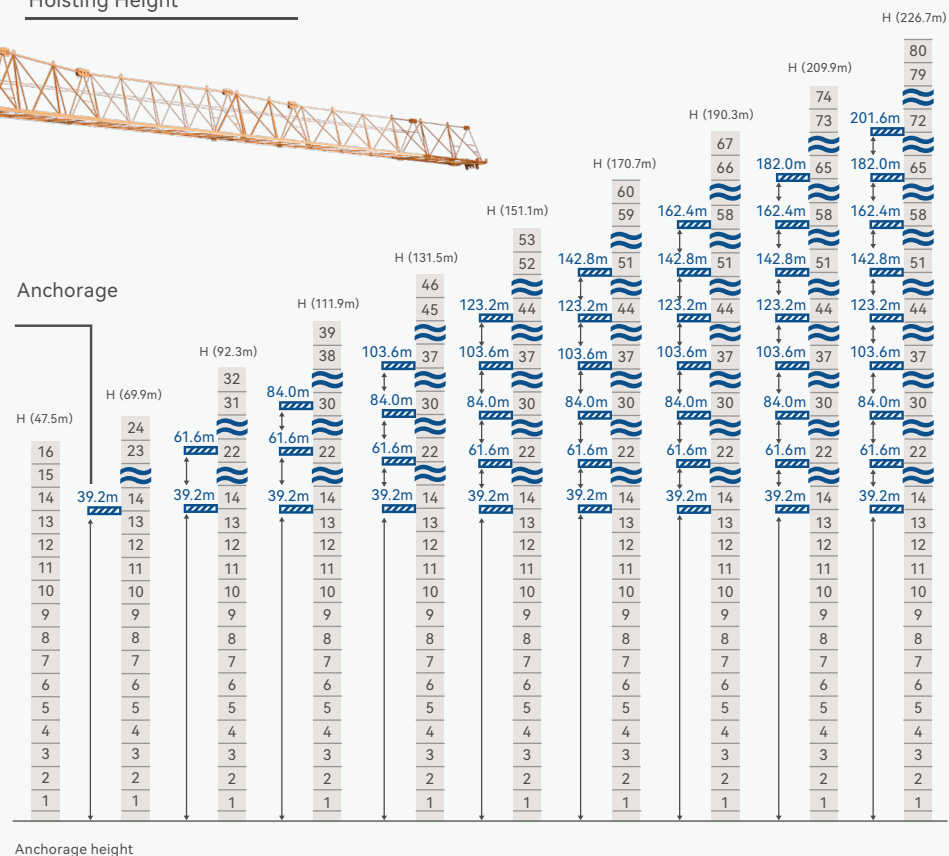


F1 ↓ ↑ F2

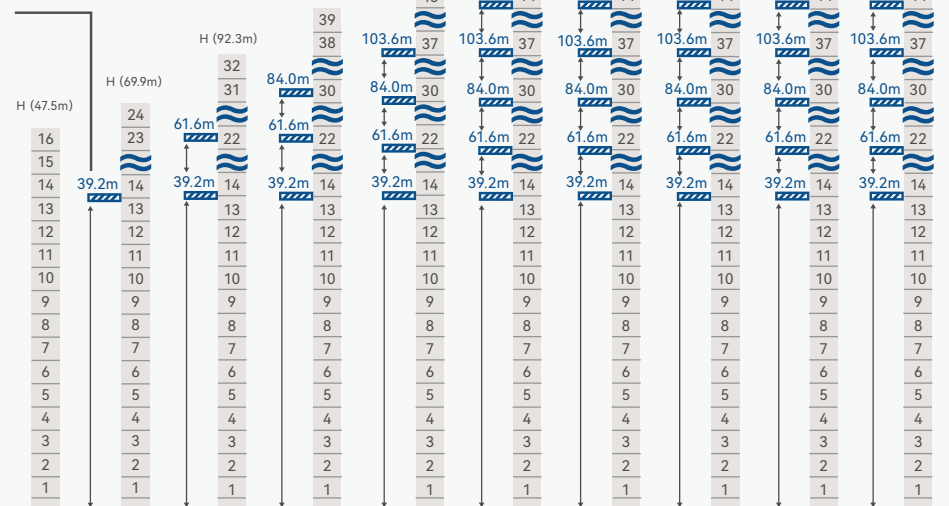
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	95t	129t	93t	127t
F2 (t)	184t	208t	181t	206t

ANCHORAGES

Hoisting Height

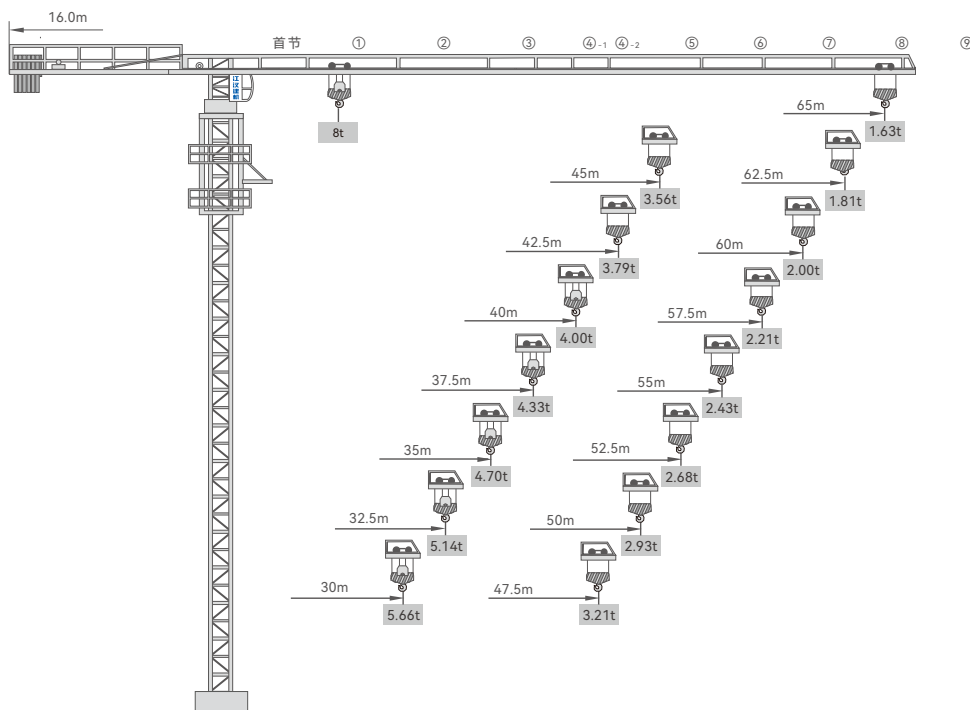


Anchorage



Anchorage height

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							
		1	2	3	4	5	6	7	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	65.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	62.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	60.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	57.5m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
	55.0m	3.25t	3.25t	3.25t	3.25t	1.25t	/	/	16.25t
	52.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t

JIB	50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	47.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
	45.5m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	40.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	37.5m	3.25t	3.25t	1.25t	3.25t	3.25t	1.25t	/	17.50t
	35.0m	3.25t	3.25t	1.25t	3.25t	3.25t	/	/	16.25t
	32.5m	3.25t	3.25t	1.25t	3.25t	3.25t	1.00t	/	15.25t
	30.0m	3.25t	3.25t	1.25t	3.25t	1.00t	/	/	14.0t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		QTJ8.100P		0~100	1.1	480	37
				0~72	2.0		
				0~40	4.0		
				0~50	2.2		
				0~36	4.0		
				0~20	8.0		
TROLLEYING		BP5565X	0~65m/min				5.5
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						53.5KW	

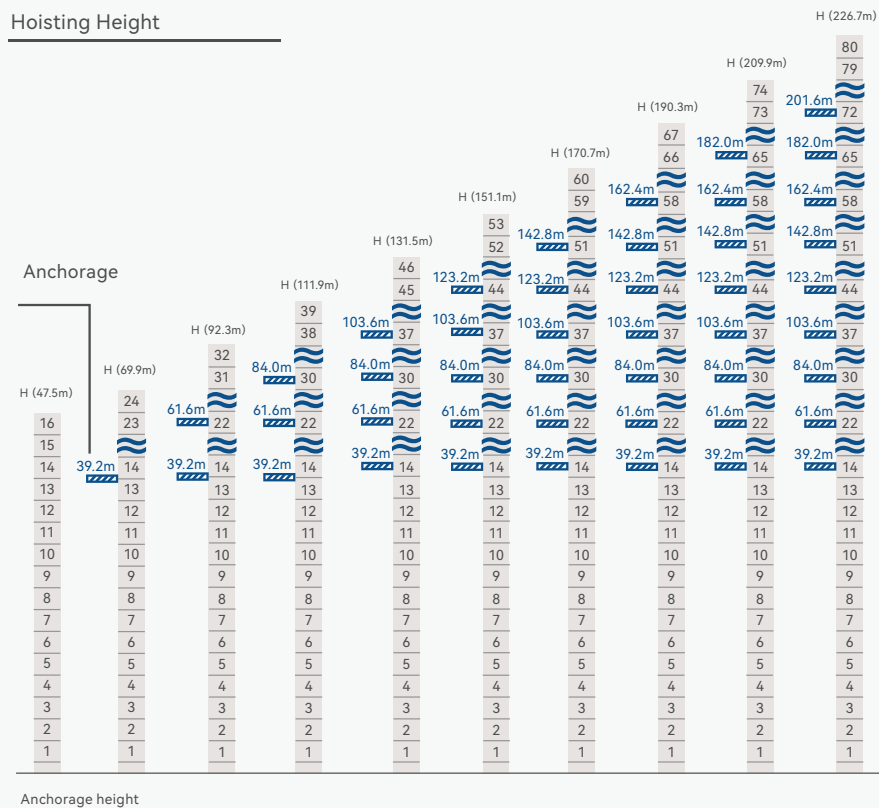
LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (C MAX) (M)	C MAX (T)	RANGE (m)											
					15	20	25	30	35	40	45	50	55	60	65	
65m		2.50	33.10	4.00	4000				3739	3168	2724	2368	2078	1835	1630	
		2.50	17.94	8.00	8000	7085	5486	4420	3659	3088	2644	2288	1998	1755	1550	
62.5m		2.50	34.10	4.00	4000				3876	3288	2830	2464	2165	1915		
		2.50	18.49	8.00	8000	7325	5678	4580	3796	3208	2750	2384	2085	1835		
60m		2.50	35.15	4.00	4000				3415	2943	2566	2257	2000			
		2.50	19.05	8.00	8000	7580	5882	4750	3941	3335	2863	2486	2177	1920		
57.5m		2.50	36.13	4.00	4000				3533	3049	2661	2343				
		2.50	19.59	8.00	8000	7916	6071	4908	4077	3453	2969	2581	2263			
55m		2.50	37.12	4.00	4000				3653	3155	2756	2430				
		2.50	20.13	8.00	8000	8000	6262	5067	4213	3573	3075	2676	2305			
52.5m		2.50	38.15	4.00	4000				3777	3265	2856					
		2.50	20.69	8.00	8000	8000	6461	5233	4355	3697	3185	2776				
50m		2.50	38.92	4.00	4000				3870	3348	2930					
		2.50	21.1	8.00	8000	8000	6610	5357	4462	3790	3268	2850				
47.5m		2.50	39.68	4.00	4000				3962	3430						
		2.50	21.52	8.00	8000	8000	6757	5479	4567	3882	3350					
45m		2.50	40.62	4.00	4000				3560							
		2.50	22.18	8.00	8000	8000	6992	5675	4735	4029	3480					
42.5m		2.50	42.5	4.00	4000											
		2.50	22.04	8.00	8000	8000	6944	5635	4700	3999						
40m		2.50	40	4.00	4000											
		2.50	22.05	8.00	8000	8000	6946	5637	4702	4000						
37.5m		2.50	37.5	4.00	4000											
		2.50	22.05	8.00	8000	8000	6947	5638	4703							
35m		2.50	35	4.00	4000											
		2.50	22.04	8.00	8000	8000	6944	5635	4700							
32.5m		2.50	32.5	4.00	4000											
		2.50	22.05	8.00	8000	8000	6949	5639								
30m		2.50	30	4.00	4000											
		2.50	22.13	8.00	8000	8000	6974	5600								

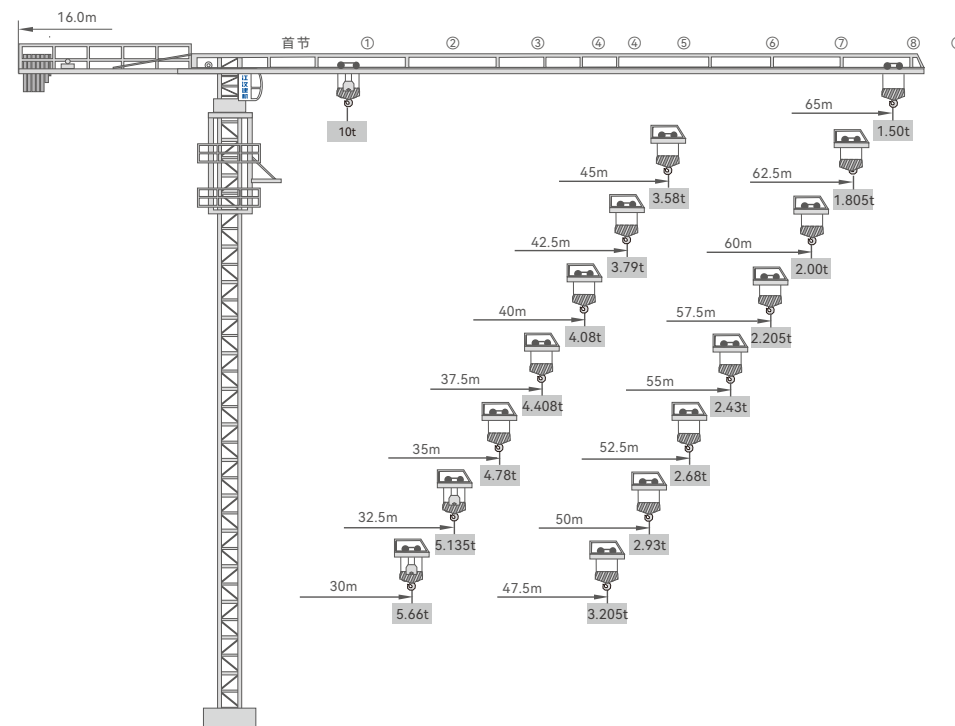
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	95t	129t	93t	127t
F2 (t)	184t	208t	181t	206t

ANCHORAGES



DIMENSIONS



JIB	52.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	47.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
	45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	40.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	37.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	/	17.50t
	35.0m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
	32.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	30.0m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t

MECHANISMS

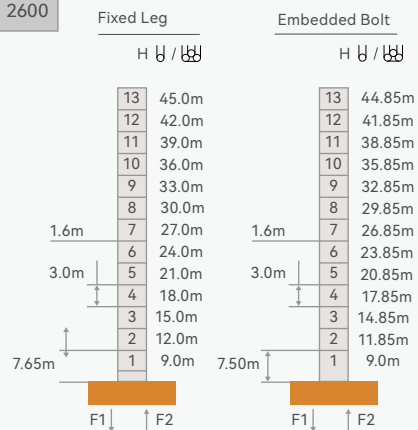
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		60QP25HB-G1		0~108	1.5	450/560	45
				0~72	3.5		
				0~45	5.0		
				0~54	3.0		
				0~36	7.0		
				0~22	10.0		
TROLLEYING		55BLX70	0~60m/min				5.5
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						61.5KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)											
					15	20	30	32.5	35	37.5	40	42.5	45	47.5	50	
65m		2.50	25.28	5.00	5000		4218	3830	3497	3209	2956	2734	2536	2358	2199	
		2.50	13.88	10.0	9187	6663	4138	3750	3417	3129	2876	2654	2456	2278	2219	
62.5m		2.50	27.50	5.00	5000		4660	4238	3876	3562	3288	3045	2830	2638	2464	
		2.50	15.10	10.0	10000	7325	4580	4158	3796	3482	3208	2965	2750	2558	2384	
60m		2.50	28.35	5.00	5000		4830	4394	4021	3698	3415	3165	2943	2744	2566	
		2.50	15.57	10.0	10000	7580	4750	4314	3941	3618	3335	3085	2863	2664	2486	
57.5m		2.50	29.13	5.00	5000		4988	4540	4157	3824	3533	3277	3049	2844	2661	
		2.50	16.00	10.0	10000	7816	4908	4460	4077	3744	3453	3197	2969	2764	2581	
55m		2.50	29.93	5.00	5000			4687	4293	3952	3653	3389	3155	2945	2756	
		2.50	16.44	10.0	10000	8055	5067	4607	4213	3872	3573	3309	3075	2865	2676	
52.5m		2.50	30.76	5.00	5000			4840	4435	4084	3777	3506	3265	3050	2856	
		2.50	16.44	10.0	10000	8304	5233	4760	4355	4004	3697	3426	3185	2970	2776	
50m		2.50	31.39	5.00	5000			4955	4542	4184	3870	3594	3348	3128	2930	
		2.50	17.24	10.0	10000	8490	5357	4875	4462	4104	3790	3514	3268	3048	2850	
47.5m		2.50	32.00	5.00	5000				4647	4281	3962	3680	3430	3205		
		2.50	17.57	10.0	10000	8674	5479	4988	4567	4201	3882	3600	3350	3125		
45m		2.50	32.98	5.00	5000				4815	4438	4109	3819	3560			
		2.50	18.10	10.0	10000	8958	5675	5169	4735	4358	4029	3739	3480			
42.5m		2.50	32.78	5.00	5000				4780	4406	4079	3790				
		2.50	18.00	10.0	10000	8908	5635	5132	4700	4326	3999	3710				
40m		2.50	32.79	5.00	5000				4782	4408	4080					
		2.50	18.01	10.0	10000	8910	5637	5134	4702	4328	4000					
37.5m		2.50	32.79	5.00	5000				4783	4408						
		2.50	18.01	10.0	10000	8912	5638	5234	4703	4328						
35m		2.50	32.78	5.00	5000				4780							
		2.50	18.00	10.0	10000	8908	5635	5132	4700							
32.5m		2.50	32.80	5.00	5000											
		2.50	18.01	10.0	10000	8914	5639	5135								
30m		2.50	30.90	5.00	5000											
		2.50	18.07	10.0	10000	8945	5660									

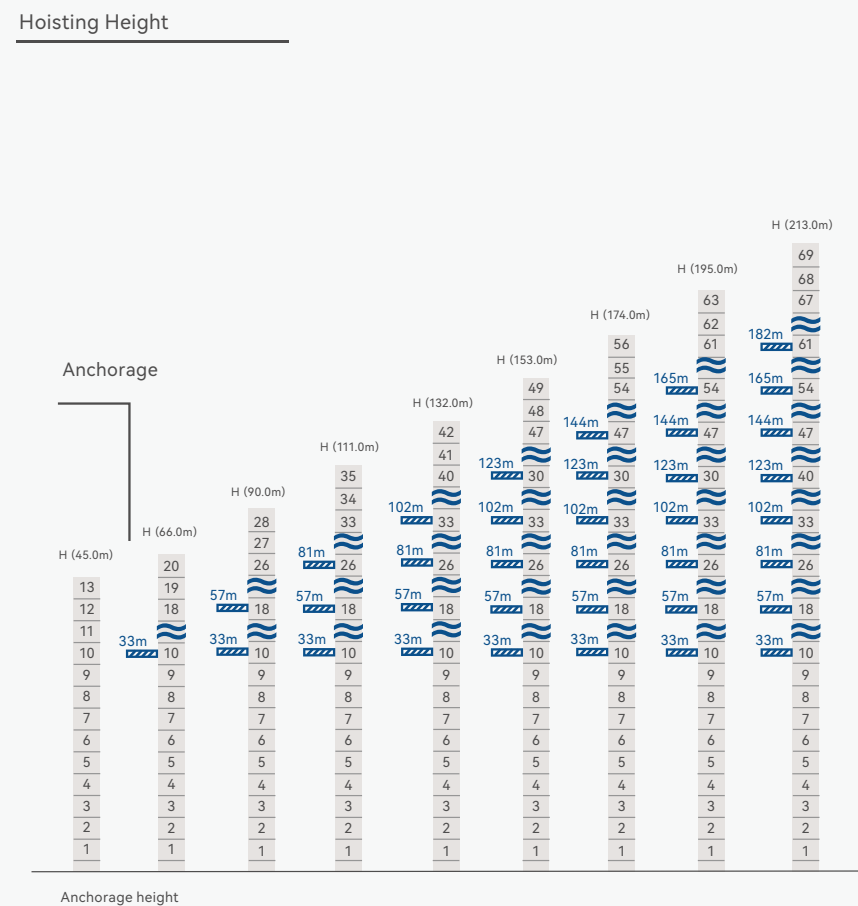
TOWER COMPOSITION AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)					
					52.5	55	57.5	60	62.5	65
65m		2.50	25.28	5.00	2055	1924	1804	1694	1593	1500
		2.50	13.88	10.0	1975	1844	1724	1614	1513	1420
62.5m		2.50	27.50	5.00	2307	2165	2035	1915	1805	
		2.50	15.10	10.0	2227	2085	1935	1835	1725	
60m		2.50	28.35	5.00	2404	2257	2123	2000		
		2.50	15.57	10.0	2324	2177	2043	1920		
57.5m		2.50	29.13	5.00	2495	2343	2205			
		2.50	16.00	10.0	2415	2263	2125			
55m		2.50	29.93	5.00	2586	2430				
		2.50	16.44	10.0	2506	2350				
52.5m		2.50	30.76	5.00	2680	Fixed Leg			Embedded	
		2.50	16.44	10.0	2600					

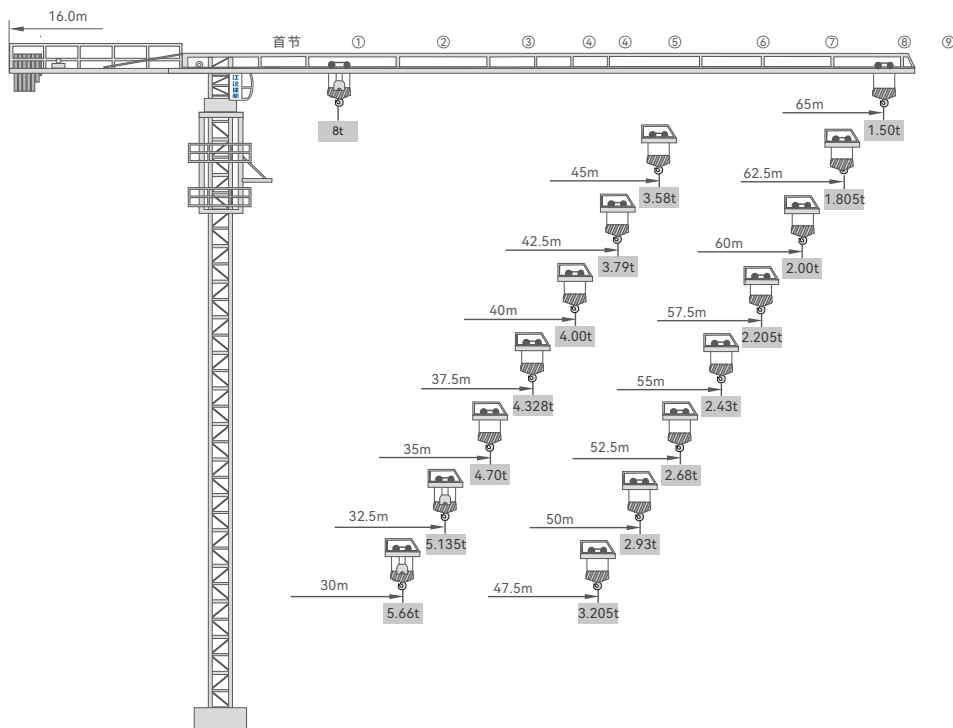


	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	106	154	106	154
F2 (t)	197	235	197	235

ANCHORAGES



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							
		1	2	3	4	5	6	7	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	65.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
	62.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	60.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.00t	/	17.25t
	57.5m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
	55.0m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t

JIB

52.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
47.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
42.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
40.0m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	18.50t
37.5m	3.25t	3.25t	3.25t	3.25t	3.25t	1.25t	/	17.50t
35.0m	3.25t	3.25t	3.25t	3.25t	3.25t	/	/	16.25t
32.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
30.0m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t

MECHANISMS

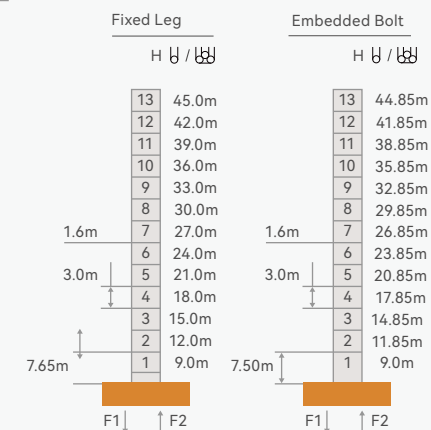
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		40QP20HB-G1		0~100	1.1	480	37
				0~72	2.0		
				0~40	4.0		
				0~50	2.2		
				0~36	4.0		
				0~20	8.0		
TROLLEYING		55BPX65-G5	0~65m/min				4
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						52KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)										
					15	20	30	32.5	35	37.5	40	42.5	45	47.5	50
65m		2.50	30.85	4.00	4000			3830	3497	3209	2956	2734	2536	2358	2199
		2.50	17.00	8.00	8000	6663	4138	3750	3417	3129	2876	2654	2456	2278	2219
62.5m		2.50	33.54	4.00	4000				3876	3562	3288	3045	2830	2638	2464
		2.50	18.49	8.00	8000	7325	4580	4158	3796	3482	3208	2965	2750	2558	2384
60m		2.50	34.58	4.00	4000					3698	3415	3165	2943	2744	2566
		2.50	19.05	8.00	8000	7580	4750	4314	3941	3618	3335	3085	2863	2664	2486
57.5m		2.50	35.54	4.00	4000					3824	3533	3277	3049	2844	2661
		2.50	19.59	8.00	8000	7816	4908	4460	4077	3744	3453	3197	2969	2764	2581
55m		2.50	36.52	4.00	4000					3952	3653	3389	3155	2945	2756
		2.50	20.13	8.00	8000	8000	5067	4607	4213	3872	3573	3309	3075	2865	2676
52.5m		2.50	37.53	4.00	4000						3777	3506	3265	3050	2856
		2.50	20.69	8.00	8000	8000	5233	4760	4355	4004	3697	3426	3185	2970	2776
50m		2.50	38.29	4.00	4000						3870	3594	3348	3128	2930
		2.50	21.10	8.00	8000	8000	5357	4875	4462	4104	3790	3514	3268	3048	2850
47.5m		2.50	39.04	4.00	4000						3962	3680	3430	3205	
		2.50	21.52	8.00	8000	8000	5479	4988	4567	4201	3882	3600	3350	3125	
45m		2.50	40.23	4.00	4000							3819	3560		
		2.50	22.18	8.00	8000	8000	5675	5169	4735	4358	4029	3739	3480		
42.5m		2.50	39.99	4.00	4000							3790			
		2.50	22.04	8.00	8000	8000	5635	5132	4700	4326	3999	3710			
40m		2.50	40.00	4.00	4000										
		2.50	22.05	8.00	8000	8000	5637	5134	4702	4328	4000				
37.5m		2.50	37.50	4.00	4000										
		2.50	22.05	8.00	8000	8000	5638	5234	4703	4328					
35m		2.50	35.00	4.00	4000										
		2.50	22.04	8.00	8000	8000	5635	5132	4700						
32.5m		2.50	32.50	4.00	4000										
		2.50	22.05	8.00	8000	8000	5639	5135							
30m		2.50	30.00	4.00	4000										
		2.50	22.13	8.00	8000	8000	5660								

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

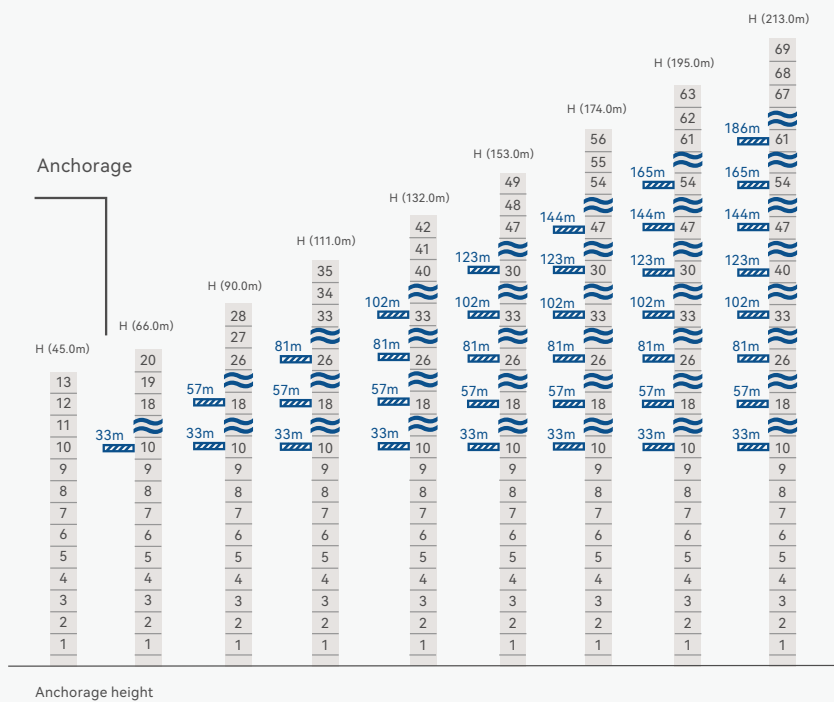
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)					
					52.5	55	57.5	60	62.5	65
65m		2.50	25.28	5.00	2055	1924	1804	1694	1593	1500
		2.50	13.88	10.0	1975	1844	1724	1614	1513	1420
62.5m		2.50	27.50	5.00	2307	2165	2035	1915	1805	
		2.50	15.10	10.0	2227	2085	1935	1835	1725	
60m		2.50	28.35	5.00	2404	2257	2123	2000		
		2.50	15.57	10.0	2324	2177	2043	1920		
57.5m		2.50	29.13	5.00	2495	2343	2205			
		2.50	16.00	10.0	2415	2263	2125			
55m		2.50	29.93	5.00	2586	2430				
		2.50	16.44	10.0	2506	2350				
52.5m		2.50	30.76	5.00	2680					
		2.50	16.44	10.0	2600					



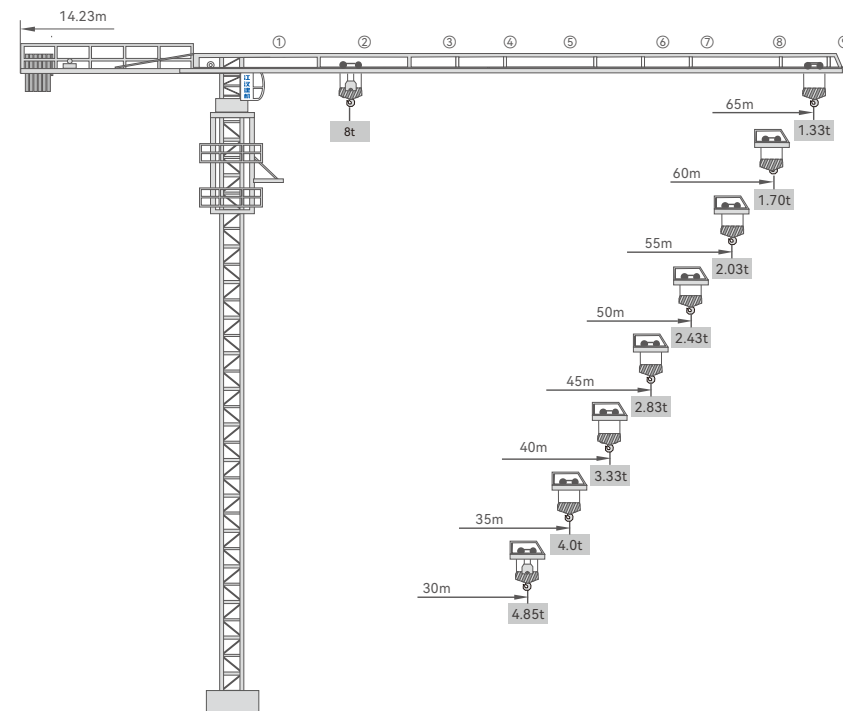
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	106	154	106	154
F2 (t)	197	235	197	235

ANCHORAGES

Hoisting Height



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →								
		1	2	3	4	5	6	7	8	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	/	3.25t
JIB	65.0m	3.25t	3.25t	3.25t	3.25t	2.50t	1.25t	1.00t	1.00t	18.75t
	60.0m	3.25t	3.25t	3.25t	3.25t	2.50t	1.00t	1.00t	/	17.50t
	55.0m	3.25t	3.25t	3.25t	3.25t	2.50t	1.00t	/	/	16.50t

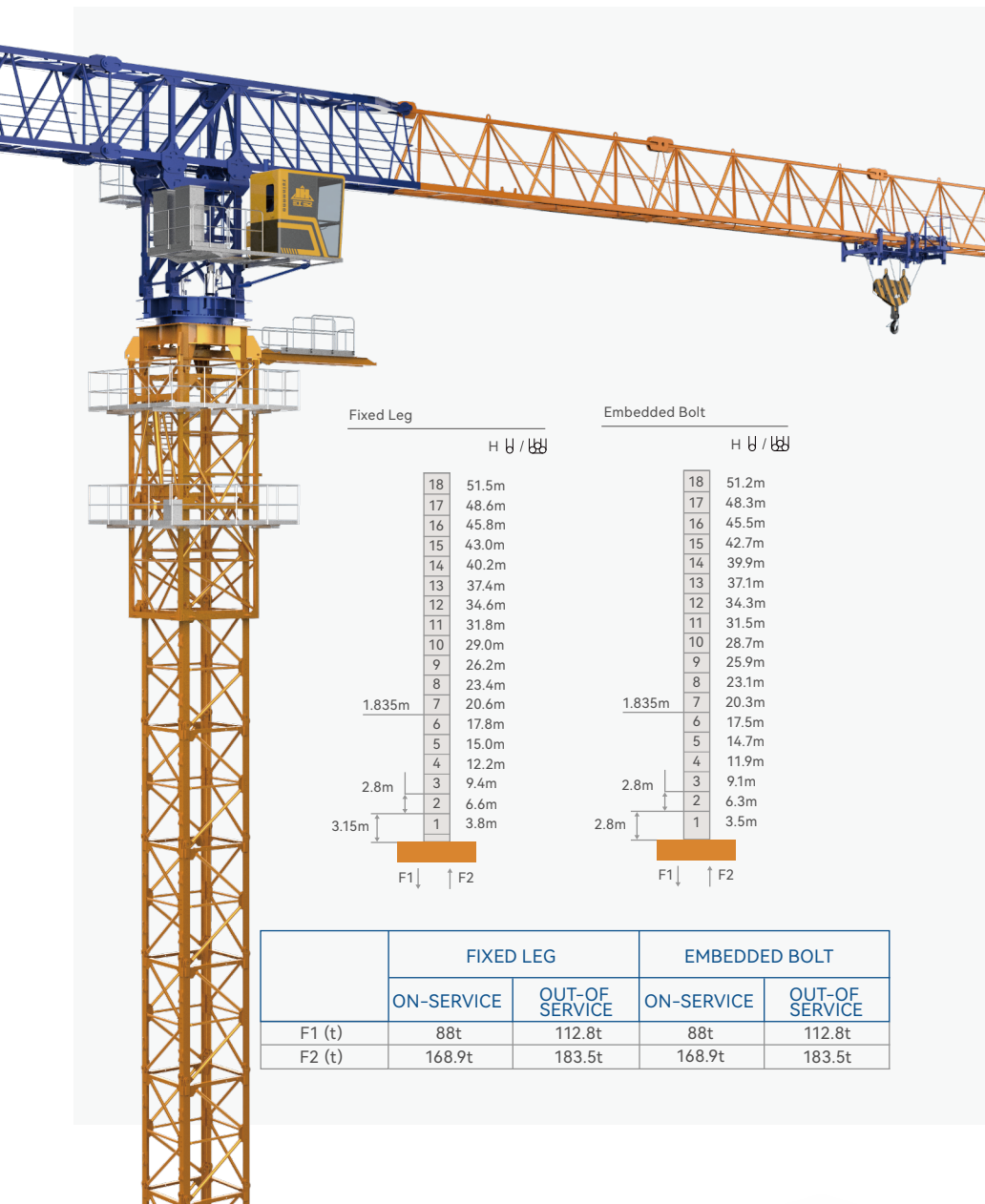
JIB	50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	45.0m	3.25t	3.25t	3.25t	2.50t	1.25t	/	/	13.50t
	40.0m	3.25t	3.25t	3.25t	2.50t	/	/	/	12.25t
	35.0m	3.25t	3.25t	2.50t	1.25t	/	/	/	10.25t
	30.0m	3.25t	3.25t	1.00t	1.00t	/	/	/	8.50t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		40QP20HB-G1		0~100	1.1	360/440	30
				0~72	2.0		
				0~40	4.0		
				0~50	2.2		
				0~36	4.0		
				0~20	8.0		
TROLLEYING		40BPX65-G3	0~65m/min				4
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						45KW	

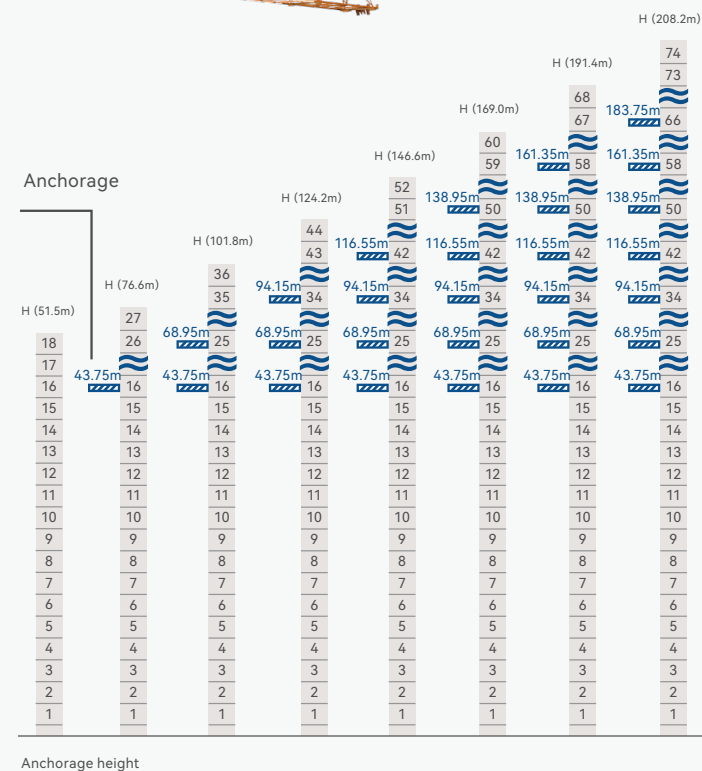
LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)											
					15	20	25	30	35	40	45	50	55	60	65	
65m		2.50	28.46	4.00	4000			3757	3113	2630	2255	1954	1709	1504	1330	
		2.50	15.31	8.00	8000	5930	4578	3677	3033	2550	2175	1874	1629	1424	1250	
60m		2.50	30.95	4.00	4000				3450	2925	2517	2190	1923	1700		
		2.50	16.65	8.00	8000	6520	5050	4070	3370	2845	2437	2110	1843	1620		
55m		2.50	32.19	4.00	4000				3619	3073	2648	2308	2030			
		2.50	17.32	8.00	8000	6815	5286	4267	3539	2993	2568	2228	1950			
50m		2.50	33.47	4.00	4000				3793	3225	2784	2430				
		2.50	18.00	8.00	8000	7120	5530	4470	3713	3145	2704	2350				
45m		2.50	33.92	4.00	4000				3853	3278	2830					
		2.50	18.24	8.00	8000	7225	5614	4540	3773	3198	2750					
40m		2.50	34.36	4.00	4000				3913	3330						
		2.50	18.48	8.00	8000	7330	5698	4610	3833	3250						
35m		2.50	35	4.00	4000											
		2.50	18.95	8.00	8000	7535	5862	4747	3950							
30m		2.50	30	4.00	4000											
		2.50	19.30	8.00	8000	7690	5986	4850								

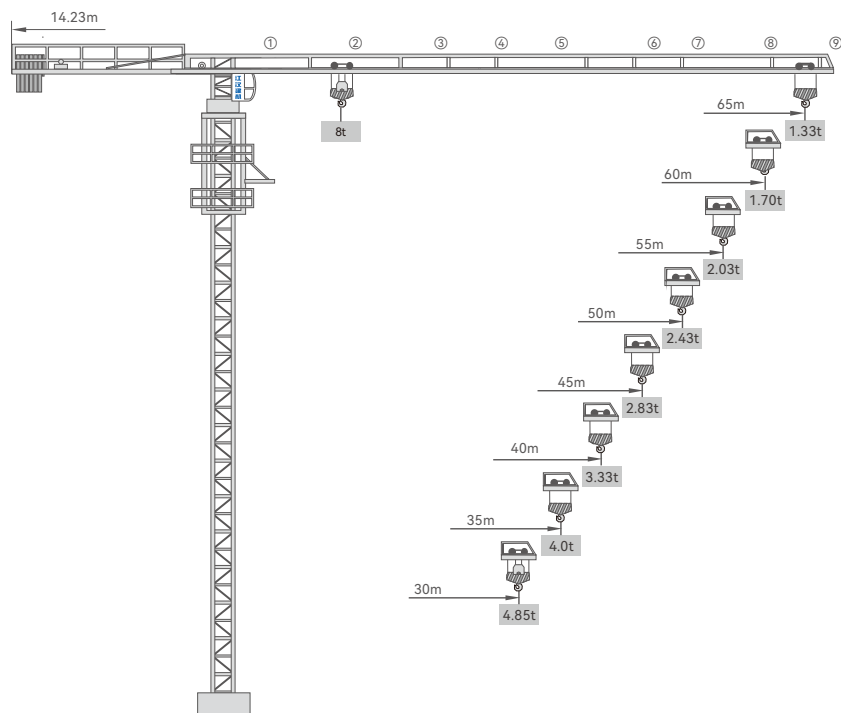
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

ANCHORAGES

Hoisting Height



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →								
		1	2	3	4	5	6	7	8	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	/	3.25t
JIB	65.0m	3.25t	3.25t	3.25t	3.25t	2.50t	1.25t	1.00t	1.00t	18.75t
	60.0m	3.25t	3.25t	3.25t	3.25t	2.50t	1.00t	1.00t	/	17.50t
	55.0m	3.25t	3.25t	3.25t	3.25t	2.50t	1.00t	/	/	16.50t

JIB	50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	45.0m	3.25t	3.25t	3.25t	2.50t	1.25t	/	/	13.50t
	40.0m	3.25t	3.25t	3.25t	2.50t	/	/	/	12.25t
	35.0m	3.25t	3.25t	2.50t	1.25t	/	/	/	10.25t
	30.0m	3.25t	3.25t	1.00t	1.00t	/	/	/	8.50t

MECHANISMS

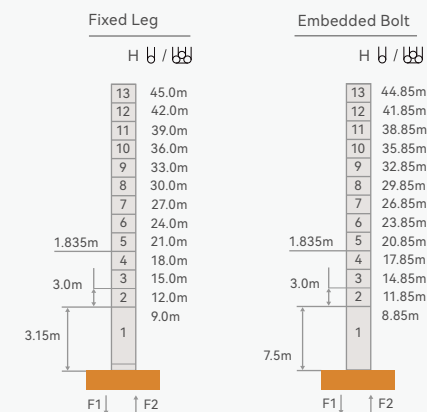
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		40QP20HB-RG1		0~100	1.1	450	30
				0~72	2.0		
				0~40	4.0		
				0~50	2.2		
				0~36	4.0		
				0~20	8.0		
TROLLEYING		40BPX65-G3	0~65m/min				4
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						45KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)										
					15	20	30	32.5	35	37.5	40	42.5	45	47.5	50
65m		2.50	28.46	4.00	4000		3757	3410	3113	2855	2630	2431	2255	2096	1954
		2.50	15.31	8.00	8000	5930	3677	3330	3033	2775	2550	2351	2175	2016	1874
60m		2.50	30.95	4.00	4000			3773	3450	3170	2925	2709	2517	2345	2190
		2.50	16.65	8.00	8000	6520	4070	3693	3370	3090	2845	2629	2437	2265	2110
55m		2.50	32.19	4.00	4000			3955	3619	3327	3073	2848	2648	2469	2308
		2.50	17.32	8.00	8000	6815	4267	3875	3539	3247	2993	2768	2568	2389	2228
50m		2.50	33.47	4.00	4000				3793	3490	3225	2991	2784	2597	2430
		2.50	18.01	8.00	8000	7120	4470	4062	3713	3410	3145	2911	2704	2517	2350
45m		2.50	33.92	4.00	4000				3853	3546	3278	3041	2830		
		2.50	18.24	8.00	8000	7225	4540	4127	3773	3466	3198	2961	2750		
40m		2.50	34.36	4.00	4000				3913	3602	3330				
		2.50	18.48	8.00	8000	7330	4610	4192	3833	3522	3250				
35m		2.50	35	4.00	4000										
		2.50	18.95	8.00	8000	7535	4747	4318	3950						
30m		2.50	30	4.00	4000										
		2.50	19.30	8.00	8000	7690	4850								

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

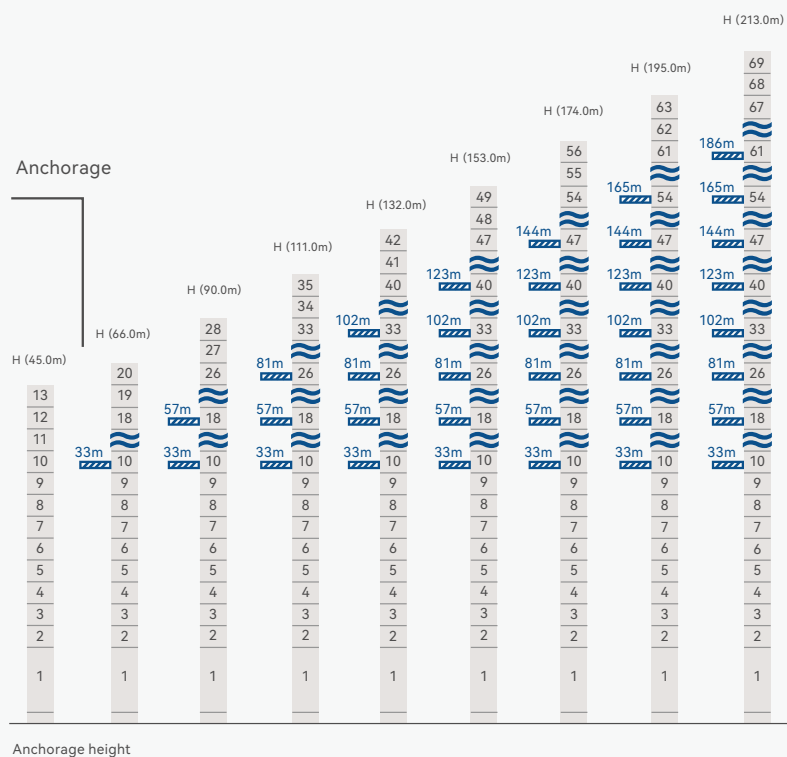
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)					
					52.5	55	57.5	60	62.5	65
65m		2.50	28.46	4.00	1825	1709	1601	1504	1413	1330
		2.50	15.31	8.00	1745	1629	1521	1424	1333	1250
60m		2.50	30.95	4.00	2020	1923	1807	1700		
		2.50	16.65	8.00	1970	1843	1727	1620		
55m		2.50	32.19	4.00	2162	2030				
		2.50	17.32	8.00	2082	1950				



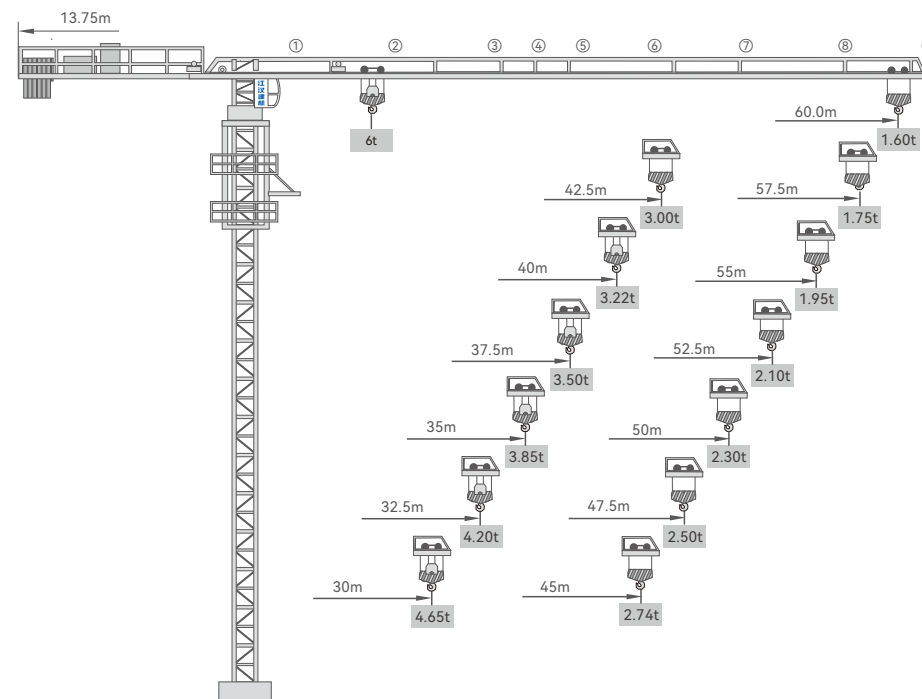
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	104t	127t	104t	127t
F2 (t)	179t	193t	179t	193t

ANCHORAGES

Hoisting Height



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	7
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/
JIB	60.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t
	57.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	55.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	52.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/
	50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	/	/
	47.5m	3.25t	3.25t	3.25t	3.25t	/	/	/
TTL WEIGHT		3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t

JIB	45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	40.0m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	37.5m	3.25t	3.25t	3.25t	1.25t	/	/	/	11.00t
	35.0m	3.25t	3.25t	3.25t	/	/	/	/	9.75t
	32.5m	3.25t	3.25t	1.25t	1.00t	/	/	/	8.75t
	35.0m	3.25t	3.25t	1.25t	/	/	/	/	7.75t

MECHANISMS

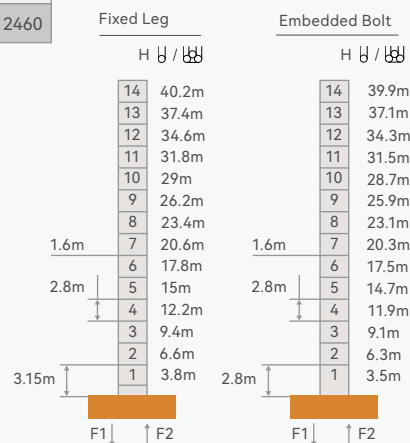
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		33QP15HB -G15		0~100	0.8	450	24
				0~76	1.5		
				0~40	3.0		
				0~50	1.6		
				0~38	3.0		
				0~20	6.0		
TROLLEYING		40BPX65	0~45m/min				4
SLEWING		/	0~0.6r/min				2×3
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						34KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	32.5	35	37.5	40	42.5	
60m		2.50	36.73	3.00	3000							2926	2705	2510
		2.50	19.94	6.00	6000	5980	4654	3770	3430	3139	2886	2665	2470	
57.5m		2.50	37.59	3.00	3000							2783	2583	
		2.50	20.41	6.00	6000	6000	4778	3873	3525	3227	2969	2743	2543	
55m		2.50	39.00	3.00	3000							2910	2703	
		2.50	21.17	6.00	6000	6000	4982	4043	3682	3373	3105	2870	2663	
52.5m		2.50	39.41	3.00	3000							2947	2738	
		2.50	21.40	6.00	6000	6000	5041	4093	3728	3415	3144	2907	2698	
50m		2.50	40.31	3.00	3000							2814		
		2.50	21.88	6.00	6000	6000	5170	4200	3827	3507	3230	2988	2774	
47.5m		2.50	40.92	3.00	3000							2866		
		2.50	22.21	6.00	6000	6000	5259	4274	3895	3570	3289	3043	2826	
45m		2.50	41.76	3.00	3000							2937		
		2.50	22.67	6.00	6000	6000	5380	4375	3988	3657	3370	3119	2897	
42.5m		2.50	42.50	3.00	3000									
		2.50	23.07	6.00	6000	6000	5487	4464	4071	3734	3441	3186	2960	
40m		2.50	40.00	3.00	3000									
		2.50	23.28	6.00	6000	6000	5542	4510	4113	3773	3478	3220		
37.5m		2.50	37.50	3.00	3000									
		2.50	23.40	6.00	6000	6000	5575	4538	4138	3796	3500			
35m		2.50	35.00	3.00	3000									
		2.50	23.68	6.00	6000	6000	5650	4600	4196	3850				
32.5m		2.50	32.50	3.00	3000									
		2.50	23.70	6.00	6000	6000	5655	4604	4200					
30m		2.50	30.00	3.00	3000									
		2.50	23.91	6.00	6000	6000	5710	4650						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

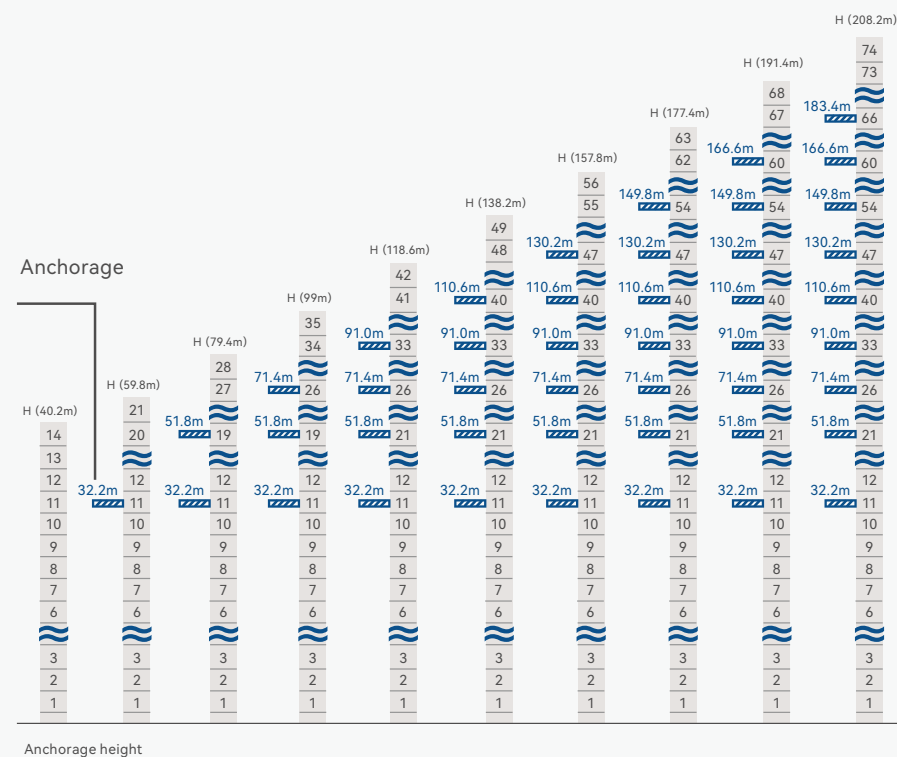
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					45	47.5	50	52.5	55	57.5	60			
60m		2.50	36.73	3.00	2337	2182	2042	1916	1801	1696	1600			
		2.50	19.94	6.00	2297	2142	2002	1876	1761	1656	1560			
57.5m		2.50	37.59	3.00	2406	2247	2104	1975	1857	1750				
		2.50	20.41	6.00	2366	2207	2064	1935	1817	1710				
55m		2.50	39.00	3.00	2519	2354	2206	2072	1950					
		2.50	21.17	6.00	2479	2314	2166	2032	1910					
52.5m		2.50	39.41	3.00	2552	2385	2236	2100						
		2.50	21.40	6.00	2512	2345	2196	2060						
50m		2.50	40.31	3.00	2623	2453	2300							
		2.50	21.88	6.00	2583	2413	2260							
47.5m		2.50	40.92	3.00	2673	2500								
		2.50	22.21	6.00	2633	2460	Fixed Leg			Embed				
45m		2.50	41.76	3.00	2740			H / B						
		2.50	22.67	6.00	2700			<table border="1"><tr><td>14</td><td>40.2m</td></tr><tr><td>12</td><td>37.6m</td></tr></table>	14	40.2m	12	37.6m		
14	40.2m													
12	37.6m													



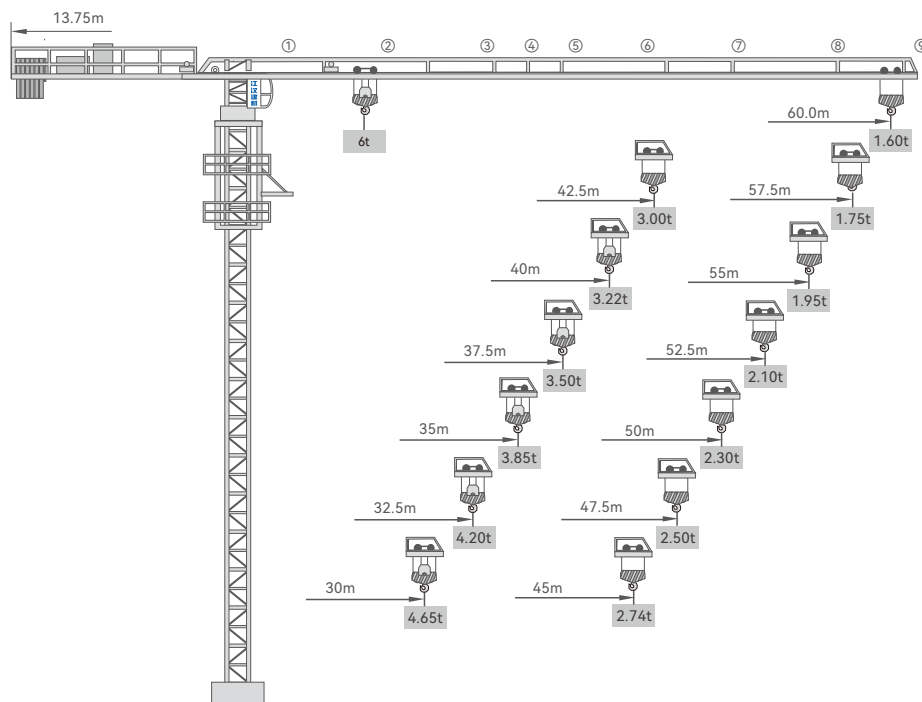
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	97	97	97	97
F2 (t)	167	159	167	159

ANCHORAGES

Hoisting Height



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	7
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/
JIB	60.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t
	57.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	55.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	52.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/
	50.0m	3.25t	3.25t	3.25t	3.25t	1.25t	/	/
	47.5m	3.25t	3.25t	3.25t	3.25t	/	/	/

JIB	45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	40.0m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	37.5m	3.25t	3.25t	3.25t	1.25t	/	/	/	11.00t
	35.0m	3.25t	3.25t	3.25t	/	/	/	/	9.75t
	32.5m	3.25t	3.25t	1.25t	1.00t	/	/	/	8.75t
	35.0m	3.25t	3.25t	1.25t	/	/	/	/	7.75t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		22HKF15A3		0~100	0.8	470	22
				0~76	1.5		
				0~40	3.0		
				0~50	1.6		
				0~38	3.0		
				0~20	6.0		
TROLLEYING		4JXF3B	0~45m/min				4
SLEWING		/	0~0.6r/min				2×3
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						32KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	32.5	35	37.5	40	42.5	
60m		2.50	36.73	3.00	3000							2926	2705	2510
		2.50	19.94	6.00	6000	5980	4654	3770	3430	3139	2886	2665	2470	
57.5m		2.50	37.59	3.00	3000							2783	2583	
		2.50	20.41	6.00	6000	6000	4778	3873	3525	3227	2969	2743	2543	
55m		2.50	39.00	3.00	3000							2910	2703	
		2.50	21.17	6.00	6000	6000	4982	4043	3682	3373	3105	2870	2663	
52.5m		2.50	39.41	3.00	3000							2947	2738	
		2.50	21.40	6.00	6000	6000	5041	4093	3728	3415	3144	2907	2698	
50m		2.50	40.31	3.00	3000							2814		
		2.50	21.88	6.00	6000	6000	5170	4200	3827	3507	3230	2988	2774	
47.5m		2.50	40.92	3.00	3000							2866		
		2.50	22.21	6.00	6000	6000	5259	4274	3895	3570	3289	3043	2826	
45m		2.50	41.76	3.00	3000							2937		
		2.50	22.67	6.00	6000	6000	5380	4375	3988	3657	3370	3119	2897	
42.5m		2.50	42.50	3.00	3000									
		2.50	23.07	6.00	6000	6000	5487	4464	4071	3734	3441	3186	2960	
40m		2.50	40.00	3.00	3000									
		2.50	23.28	6.00	6000	6000	5542	4510	4113	3773	3478	3220		
37.5m		2.50	37.50	3.00	3000									
		2.50	23.40	6.00	6000	6000	5575	4538	4138	3796	3500			
35m		2.50	35.00	3.00	3000									
		2.50	23.68	6.00	6000	6000	5650	4600	4196	3850				
32.5m		2.50	32.50	3.00	3000									
		2.50	23.70	6.00	6000	6000	5655	4604	4200					
30m		2.50	30.00	3.00	3000									
		2.50	23.91	6.00	6000	6000	5710	4650						

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)							
					45	47.5	50	52.5	55	57.5	60	
60m		2.50	36.73	3.00	2337	2182	2042	1916	1801	1696	1600	
		2.50	19.94	6.00	2297	2142	2002	1876	1761	1656	1560	
57.5m		2.50	37.59	3.00	2406	2247	2104	1975	1857	1750		
		2.50	20.41	6.00	2366	2207	2064	1935	1817	1710		
55m		2.50	39.00	3.00	2519	2354	2206	2072	1950			
		2.50	21.17	6.00	2479	2314	2166	2032	1910			
52.5m		2.50	39.41	3.00	2552	2385	2236	2100				
		2.50	21.40	6.00	2512	2345	2196	2060				
50m		2.50	40.31	3.00	2623	2453	2300					
		2.50	21.88	6.00	2583	2413	2260					
47.5m		2.50	40.92	3.00	2673	2500						
		2.50	22.21	6.00	2633	2460						
45m		2.50	41.76	3.00	2740							
		2.50	22.67	6.00	2700							

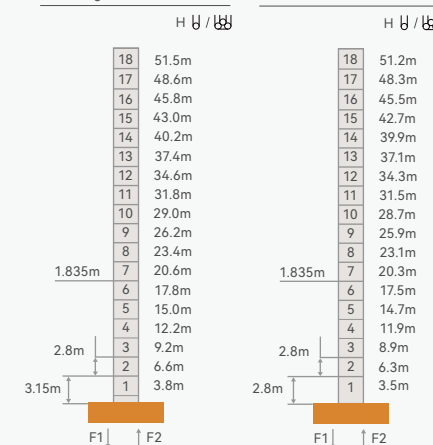
18

51.5m

H / U /

Fixed Leg

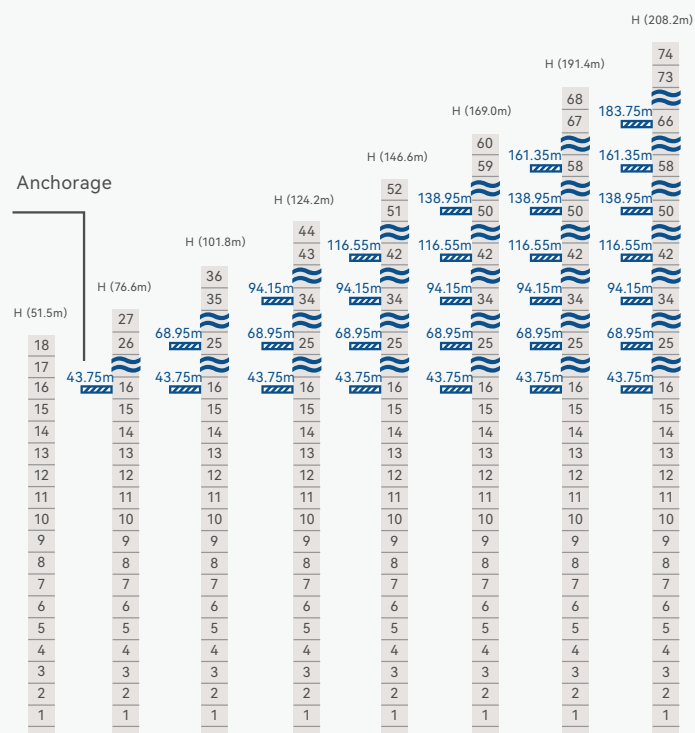
Embedded Bolt



	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	81.3	96.53	81.3	96.53
F2 (t)	153.8	159.03	153.8	159.03

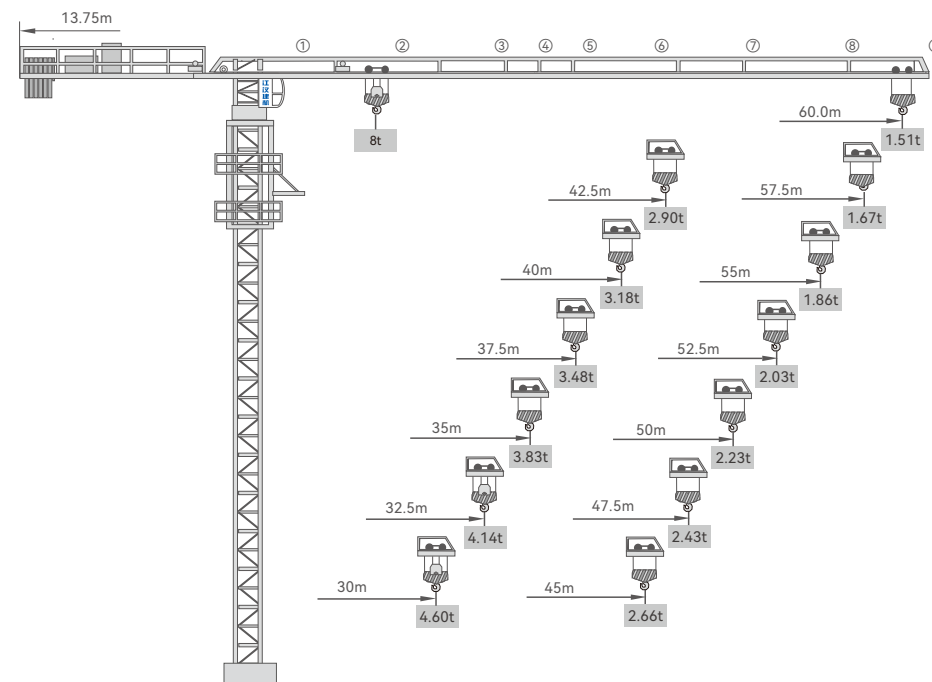
ANCHORAGES

Hoisting Height



Anchorage height

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	7
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/
JIB	60.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t
	57.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	55.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	52.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/
	50.5m	3.25t	3.25t	3.25t	3.25t	1.25t	/	/
	47.5m	3.25t	3.25t	3.25t	3.25t	/	/	/
TTL WEIGHT		3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t

JIB	45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	40.0m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	37.5m	3.25t	3.25t	3.25t	1.25t	/	/	/	11.00t
	35.0m	3.25t	3.25t	3.25t	/	/	/	/	9.75t
	32.5m	3.25t	3.25t	1.25t	1.00t	/	/	/	8.75t
	30.0m	3.25t	3.25t	1.25t	/	/	/	/	7.75t

MECHANISMS

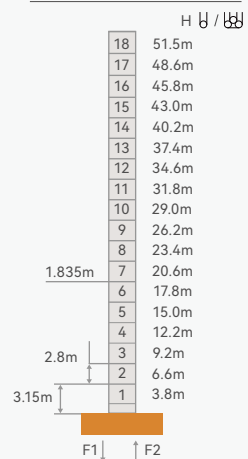
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		40QP20HB-G1		0~100	1.1	440	30
				0~72	2.0		
				0~40	4.0		
				0~50	2.2		
				0~36	4.0		
				0~20	8.0		
TROLLEYING		40BPX65-G3	0~65m/min				4
SLEWING		/	0~0.6r/min				2×3
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						40KW	

LOAD DIAGRAMS

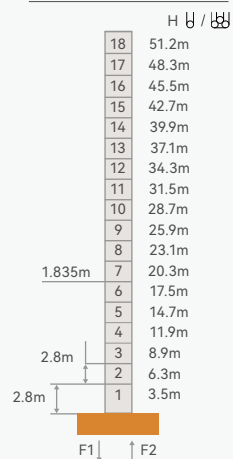
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	35	40	45	50	55	60
60m		2.50	28.55	4.00	4000			3770	3124	2640	2263	1962	1715	1510
		2.50	15.36	8.00	8000	5950	4594	3690	3044	2560	2183	1882	1635	1430
57.5m		2.50	29.29	4.00	4000			3888	3226	2729	2343	2033	1780	
		2.50	15.76	8.00	8000	6128	4736	3808	3146	2649	2262	1953	1700	
55m		2.50	30.22	4.00	4000			3351	2839	2440	2121	1860		
		2.50	16.26	8.00	8000	6348	4912	3955	3271	2759	2360	2041	1780	
52.5m		2.50	30.73	4.00	4000			3420	2899	2493	2169			
		2.50	16.53	8.00	8000	6468	5008	4035	3340	2819	2413	2089		
50m		2.50	31.37	4.00	4000			3507	2975	2561	2230			
		2.50	16.87	8.00	8000	6620	5130	4135	3427	2895	2481	2150		
47.5m		2.50	31.80	4.00	4000			3566	3026	2607				
		2.50	17.11	8.00	8000	6723	5212	4205	3486	2946	2527			
45m		2.50	32.31	4.00	4000			3634	3086	2660				
		2.50	17.38	8.00	8000	6843	5308	4285	3554	3006	2580			
42.5m		2.50	32.66	4.00	4000			3682	3128					
		2.50	17.57	8.00	8000	6926	5375	4341	3602	3048				
40m		2.50	33.09	4.00	4000			3741	3180					
		2.50	17.80	8.00	8000	7030	5458	4410	3661	3100				
37.5m		2.50	33.39	4.00	4000			3782						
		2.50	17.96	8.00	8000	7101	5515	4458	3702					
35m		2.50	33.75	4.00	4000			3830						
		2.50	18.15	8.00	8000	7185	5582	4513	3750					
32.5m		2.50	32.5	4.00	4000									
		2.50	18.29	8.00	8000	7246	5631	4554						
30m		2.50	30.0	4.00	4000									
		2.50	18.45	8.00	8000	7315	5686	4600						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Fixed Leg



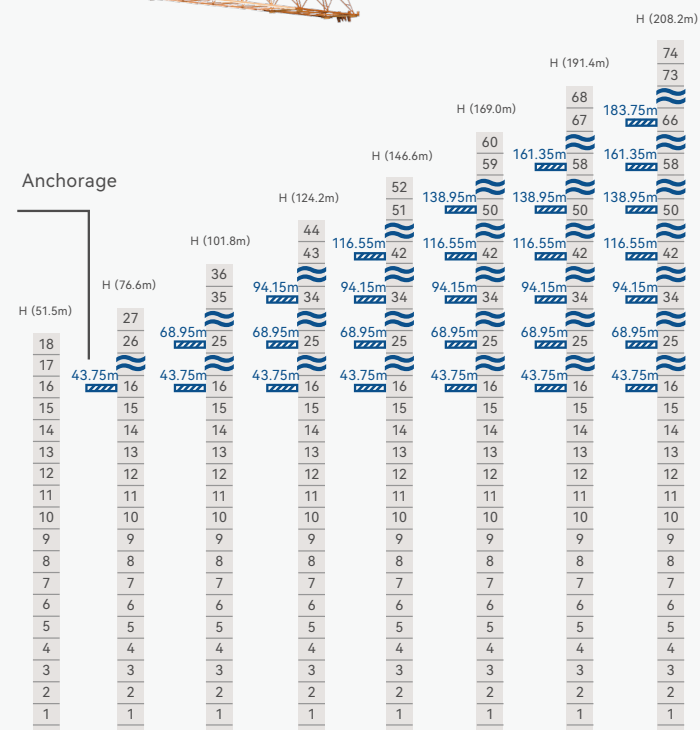
Embedded Bolt



	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	81.3	96.53	81.3	96.53
F2 (t)	153.8	159.03	153.8	159.03

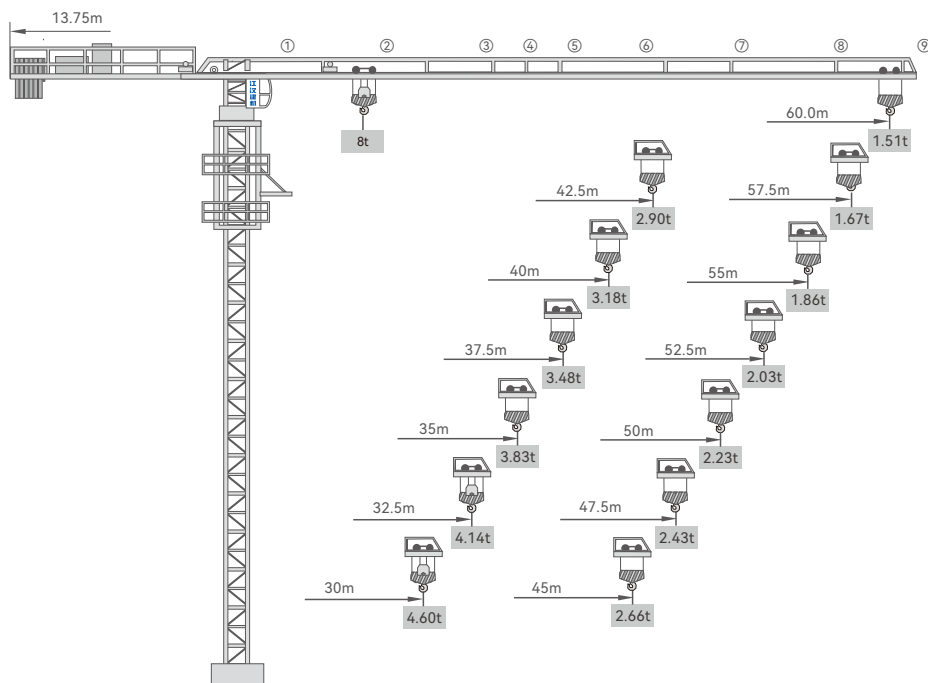
ANCHORAGES

Hoisting Height



Anchorage height

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							
		1	2	3	4	5	6	7	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/	3.25t
JIB	60.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t	16.50t
	57.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	55.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/	15.25t
	52.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/	14.00t
	50.5m	3.25t	3.25t	3.25t	3.25t	1.25t	/	/	14.25t
	47.5m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t

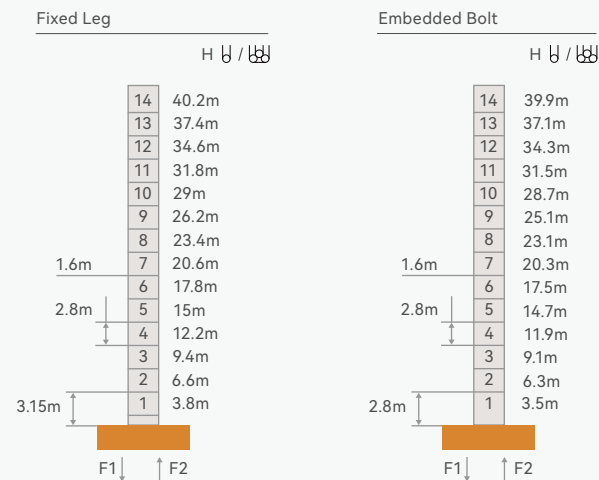
JIB	45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	40.0m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	37.5m	3.25t	3.25t	3.25t	1.25t	/	/	/	11.00t
	35.0m	3.25t	3.25t	3.25t	/	/	/	/	9.75t
	32.5m	3.25t	3.25t	1.25t	1.00t	/	/	/	8.75t
	30.0m	3.25t	3.25t	1.25t	/	/	/	/	7.75t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		QTJ8.100P		0~100	1.1	480	37
				0~72	2.0		
				0~40	4.0		
				0~50	2.2		
				0~36	4.0		
				0~20	8.0		
TROLLEYING		BP5565X	0~65m/min				5.5
SLEWING		/	0~0.6r/min				2×3
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						48.5KW	

LOAD DIAGRAMS

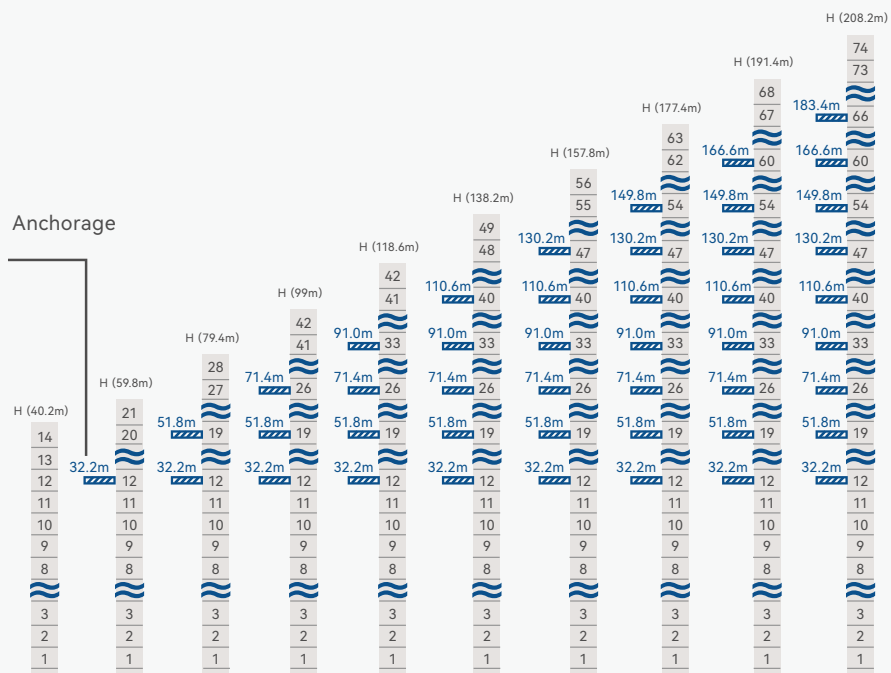
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	35	40	45	50	55	60
60m		2.50	28.55	4.00	4000			3770	3124	2640	2263	1962	1715	1510
		2.50	15.36	8.00	8000	5950	4594	3690	3044	2560	2183	1882	1635	1430
57.5m		2.50	29.29	4.00	4000			3888	3226	2729	2343	2033	1780	
		2.50	15.76	8.00	8000	6128	4736	3808	3146	2649	2262	1953	1700	
55m		2.50	30.22	4.00	4000			3351	2839	2440	2121	1860		
		2.50	16.26	8.00	8000	6348	4912	3955	3271	2759	2360	2041	1780	
52.5m		2.50	30.73	4.00	4000			3420	2899	2493	2169			
		2.50	16.53	8.00	8000	6468	5008	4035	3340	2819	2413	2089		
50m		2.50	31.37	4.00	4000			3507	2975	2561	2230			
		2.50	16.87	8.00	8000	6620	5130	4135	3427	2895	2481	2150		
47.5m		2.50	31.80	4.00	4000			3566	3026	2607				
		2.50	17.11	8.00	8000	6723	5212	4205	3486	2946	2527			
45m		2.50	32.31	4.00	4000			3634	3086	2660				
		2.50	17.38	8.00	8000	6843	5308	4285	3554	3006	2580			
42.5m		2.50	32.66	4.00	4000			3682	3128					
		2.50	17.57	8.00	8000	6926	5375	4341	3602	3048				
40m		2.50	33.09	4.00	4000			3741	3180					
		2.50	17.80	8.00	8000	7030	5458	4410	3661	3100				
37.5m		2.50	33.39	4.00	4000			3782						
		2.50	17.96	8.00	8000	7101	5515	4458	3702					
35m		2.50	33.75	4.00	4000			3830						
		2.50	18.15	8.00	8000	7185	5582	4513	3750					
32.5m		2.50	32.5	4.00	4000									
		2.50	18.29	8.00	8000	7246	5631	4554						
30m		2.50	30.0	4.00	4000									
		2.50	18.45	8.00	8000	7315	5686	4600						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	101	105	101	105
F2 (t)	164	158	164	158

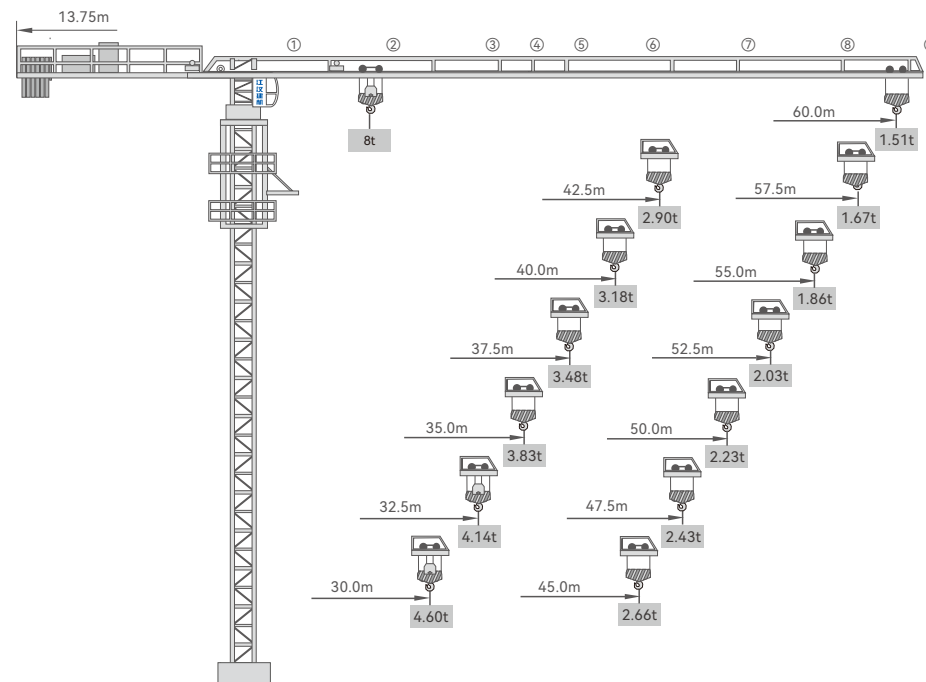
ANCHORAGES

Hoisting Height



Anchorage height

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	7
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	/
JIB	60.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t
	57.5m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	55.0m	3.25t	3.25t	3.25t	3.25t	1.25t	1.00t	/
	52.5m	3.25t	3.25t	3.25t	3.25t	1.00t	/	/
	50.5m	3.25t	3.25t	3.25t	3.25t	1.25t	/	/
	47.5m	3.25t	3.25t	3.25t	3.25t	/	/	/
TTL WEIGHT		3.25t	3.25t	3.25t	3.25t	1.25t	1.25t	1.00t

JIB	45.0m	3.25t	3.25t	3.25t	3.25t	/	/	/	13.00t
	42.5m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	40.0m	3.25t	3.25t	3.25t	1.25t	1.00t	/	/	12.00t
	37.5m	3.25t	3.25t	3.25t	1.25t	/	/	/	11.00t
	35.0m	3.25t	3.25t	3.25t	/	/	/	/	9.75t
	32.5m	3.25t	3.25t	1.25t	1.00t	/	/	/	8.75t
	30.0m	3.25t	3.25t	1.25t	/	/	/	/	7.75t

MECHANISMS

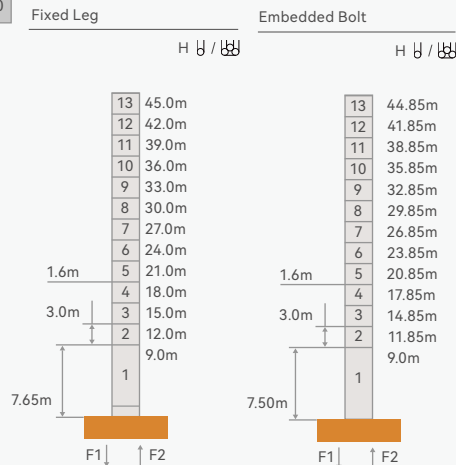
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		40QP20HB-G1		0~100	1.1	440	30
				0~72	2.0		
				0~40	4.0		
				0~50	2.2		
				0~36	4.0		
				0~20	8.0		
TROLLEYING		40BPX65-G3	0~65m/min				4
SLEWING		/	0~0.6r/min				2×3
POWER SUPPLY					~380V (±10%) 50HZ		
GROSS POWER					40KW		

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)										
					15	20	25	27.5	30	32.5	35	37.5	40	42.5	
60m		2.50	28.55	4.00	4000					3770	3422	3124	2866	2640	2441
		2.50	15.36	8.00	8000	5950	4594	4101	3690	3342	3044	2786	2560	2361	
57.5m		2.50	29.29	4.00	4000					3888	3532	3226	2961	2729	2524
		2.50	15.76	8.00	8000	6128	4736	4230	3808	3452	3146	2881	2649	2444	
55m		2.50	30.22	4.00	4000					3667	3351	3078	2839	2628	
		2.50	16.26	8.00	8000	6348	4912	4390	3955	3587	3271	2998	2759	2548	
52.5m		2.50	30.73	4.00	4000					3741	3420	3142	2889	2684	
		2.50	16.53	8.00	8000	6468	5008	4477	4035	3661	3340	3062	2819	2604	
50m		2.50	31.37	4.00	4000					3835	3507	3223	2975	2756	
		2.50	16.87	8.00	8000	6620	5130	4588	4137	3755	3427	3143	2895	2676	
47.5m		2.50	31.80	4.00	4000					3898	3566	3278	3026	2804	
		2.50	17.11	8.00	8000	6723	5212	4663	4205	3818	3486	3198	2946	2724	
45m		2.50	32.31	4.00	4000					3972	3634	3342	3086	2861	
		2.50	17.38	8.00	8000	6843	5308	4750	4285	3892	3554	3262	3006	2781	
42.5m		2.50	32.66	4.00	4000						3682	3387	3128	2900	
		2.50	17.57	8.00	8000	6926	5375	4811	4341	3943	3602	3307	3048	2780	
40m		2.50	33.09	4.00	4000						3741	3442	3180		
		2.50	17.80	8.00	8000	7030	5458	4886	4410	4007	3661	3362	3100		
37.5m		2.50	33.39	4.00	4000						3782	3480			
		2.50	17.96	8.00	8000	7101	5515	4938	4458	4051	3702	3400			
35m		2.50	33.75	4.00	4000						3830				
		2.50	18.15	8.00	8000	7185	5582	4999	4513	4102	3750				
32.5m		2.50	32.5	4.00	4000										
		2.50	18.29	8.00	8000	7246	5631	5044	4554	4140					
30m		2.50	30.0	4.00	4000										
		2.50	18.45	8.00	8000	7315	5686	5094	4600						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

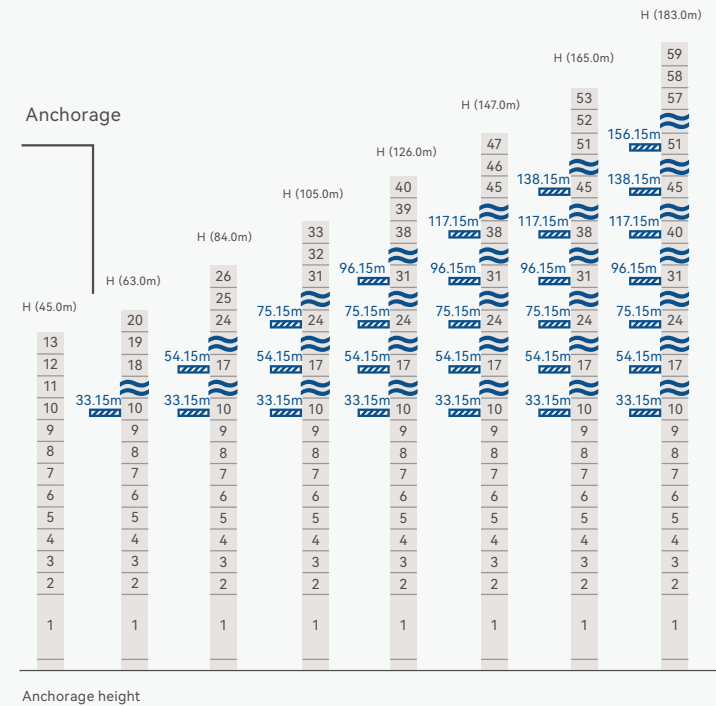
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)						
					45	47.5	50	52.5	55	57.5	60
60m		2.50	28.55	4.00	2263	2105	1962	1833	1715	1608	1510
		2.50	15.36	8.00	2183	2025	1882	1753	1753	1528	1430
57.5m		2.50	29.29	4.00	2343	2179	2033	1900	1780	1670	
		2.50	15.76	8.00	2262	2099	1953	1820	1700	1590	
55m		2.50	30.22	4.00	2440	2272	2121	1984	1860		
		2.50	16.26	8.00	2360	2192	2041	1904	1780		
52.5m		2.50	30.73	4.00	2756	2561	2387	2230			
		2.50	16.53	8.00	2676	2481	2307	2150			
50m		2.50	31.37	4.00	2804	2607	2430				
		2.50	16.87	8.00	2724	2527	2350				
47.5m		2.50	31.80	4.00	2861	2660					
		2.50	17.11	8.00	2781	2580					
45m		2.50	32.31	4.00	2900						
		2.50	17.38	8.00	2820						



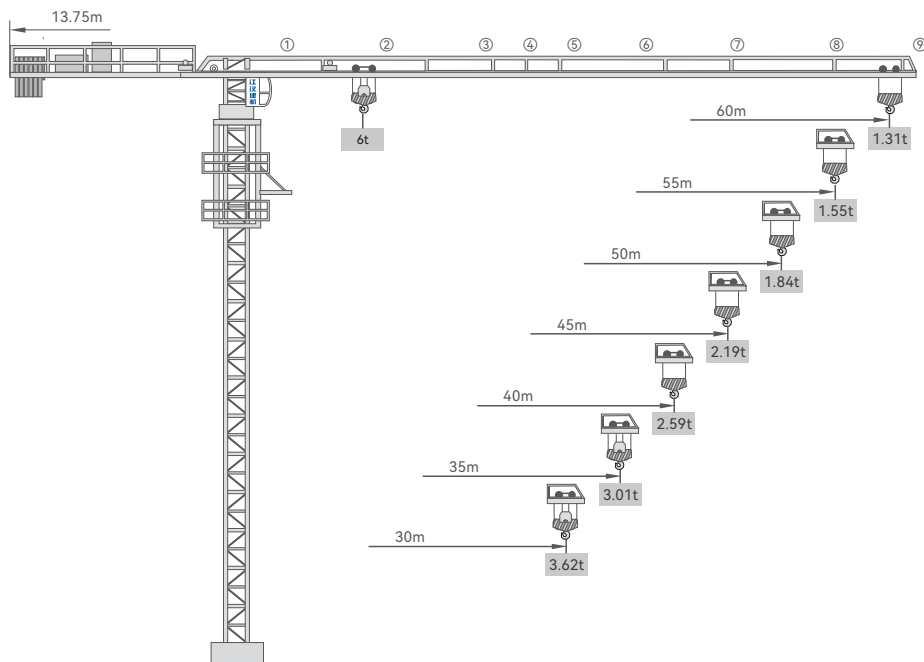
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	103	126	103	126
F2 (t)	178	192	178	192

ANCHORAGES

Hoisting Height



DIMENSIONS



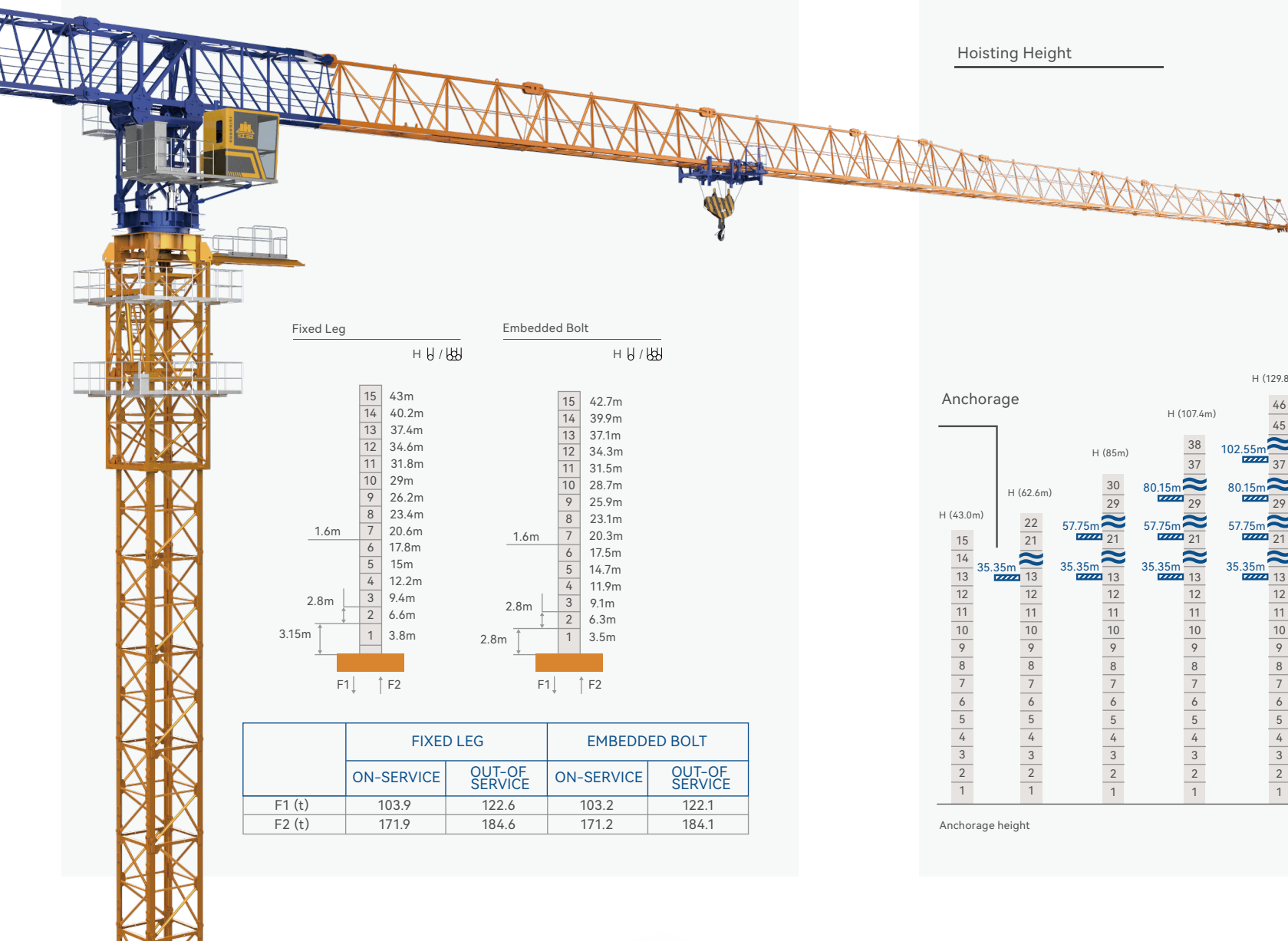
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	TTL WEIGHT
BEFORE MOUNTING THE JIB		/	/	/	/	/	3.25t	3.25t
JIB	60m	1.0t	1.50t	3.25t	3.25t	3.25t	3.25t	15.5t
	55m	/	1.00t	3.25t	3.25t	3.25t	3.25t	14.0t
	50m	/	/	3.25t	3.25t	3.25t	3.25t	13.0t
	45m	/	1.00t	1.50t	3.25t	3.25t	3.25t	12.25t
	40m	/	/	1.00t	3.25t	3.25t	3.25t	10.75t
	35m	/	/	1.00t	1.50t	3.25t	3.25t	9.00t
	30m	/	/	/	1.00t	3.25t	3.25t	7.5t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)	Load Capacity(t)	Rope Capacity(m)	Power(kw)	
HOISTING		QTJ6.100PY		0~100	0.8	440	25
			0~76	1.5			
			0~40	3.0			
				0~50	1.6		
			0~38	3.0			
			0~20	6.0			
TROLLEYING		BP4060X	0~45m/min			4	
SLEWING		/	0~0.6r/min			2×3	
POWER SUPPLY					~380V (±10%) 50HZ		
GROSS POWER					35KW		

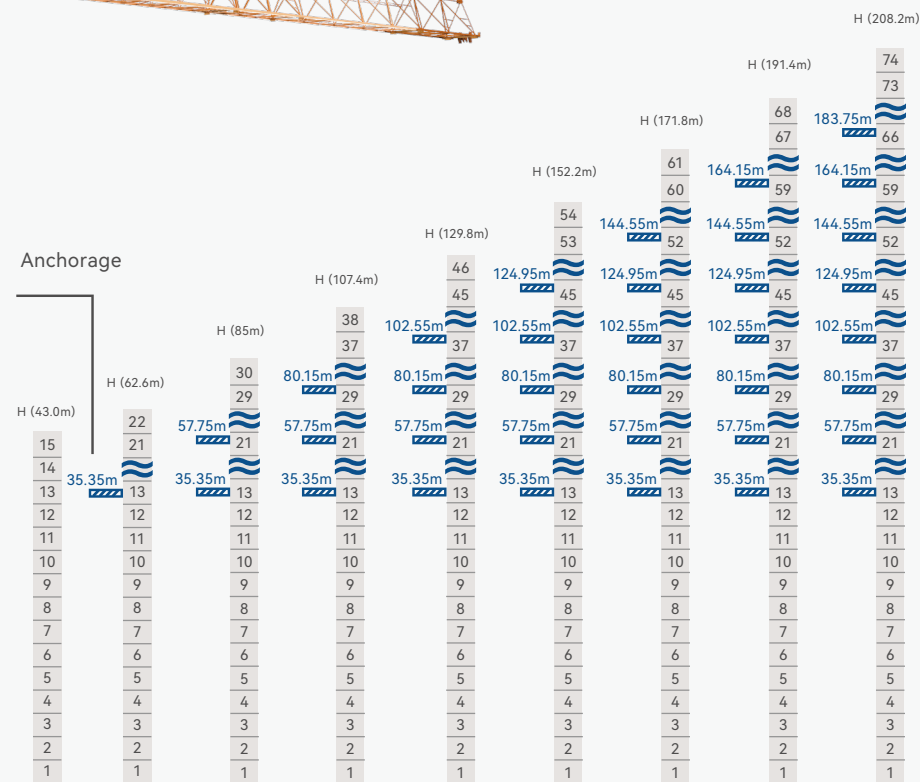
LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)										
					15	20	25	30	35	40	45	50	55	60	
60m		2.50	31.91	3.00	3000			2684			2270	1951	1694	1485	1310
		2.50	17.32	6.00	6000	5110	3966	3190	2644	2230	1911	1654	1445	1270	
55m		2.50	32.91	3.00	3000			2787			2360	2032	1766	1550	
		2.50	17.86	6.00	6000	5290	4110	3310	2747	2320	1992	1726	1510		
50m		2.50	33.93	3.00	3000			2893			2453	2114	1840		
		2.50	18.42	6.00	6000	5475	4258	3433	2853	2413	2074	1800			
45m		2.50	34.90	3.00	3000			2999			2540	2190			
		2.50	18.95	6.00	6000	5650	4398	3550	2950	2500	2150				
40m		2.50	35.46	3.00	3000			2590							
		2.50	19.25	6.00	6000	5750	4478	3617	3009	2550					
35m		2.50	35	3.00	3000										
		2.50	19.26	6.00	6000	5755	4483	3620	3010						
30m		2.50	30	3.00	3000										
		2.50	19.26	6.00	6000	5755	4483	3620							

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

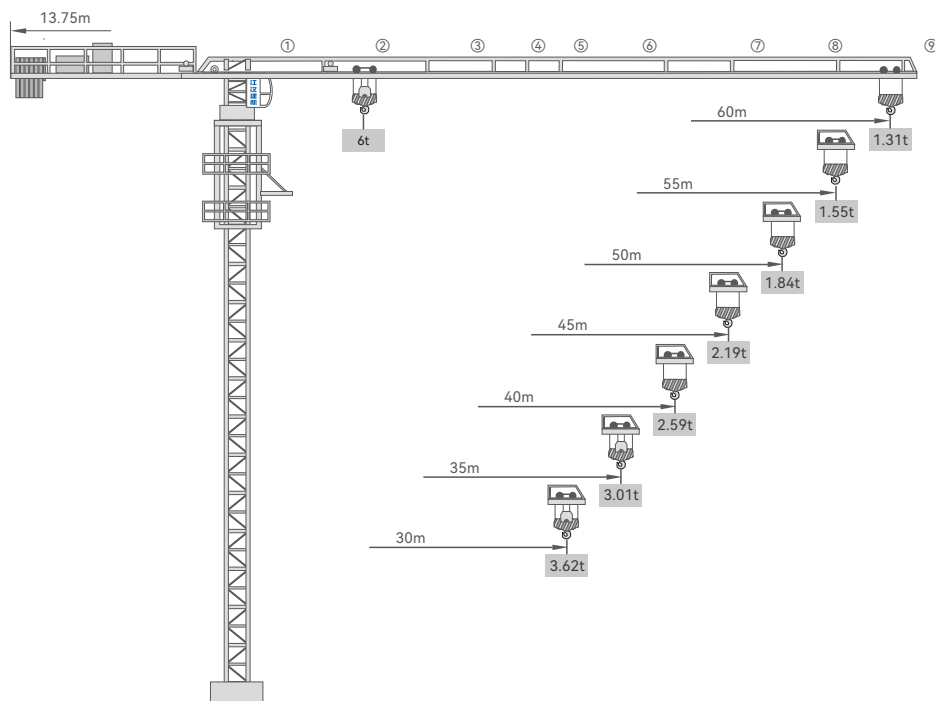
ANCHORAGES

Hoisting Height



Anchorage height

DIMENSIONS



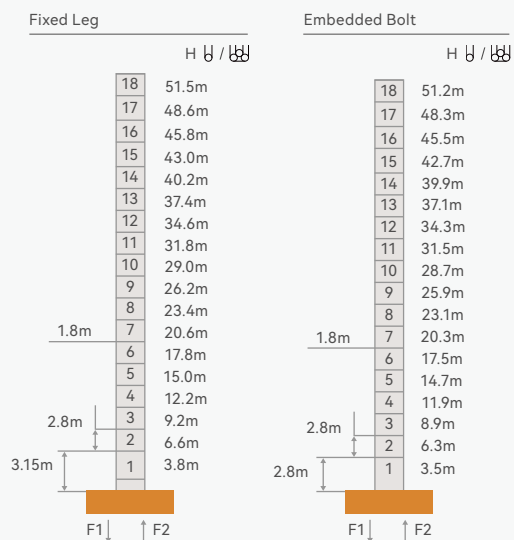
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	TTL WEIGHT
BEFORE MOUNTING THE JIB		/	/	/	/	/	3.25t	3.25t
JIB	60m	1.0t	1.50t	3.25t	3.25t	3.25t	3.25t	15.5t
	55m	/	1.00t	3.25t	3.25t	3.25t	3.25t	14.0t
	50m	/	/	3.25t	3.25t	3.25t	3.25t	13.0t
	45m	/	1.00t	1.50t	3.25t	3.25t	3.25t	12.25t
	40m	/	/	1.00t	3.25t	3.25t	3.25t	10.75t
	35m	/	/	1.00t	1.50t	3.25t	3.25t	9.00t
	30m	/	/	/	1.00t	3.25t	3.25t	7.5t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		22HKF15A3		0~100	0.8	470	22
				0~76	1.5		
				0~40	3.0		
				0~50	1.6		
				0~38	3.0		
				0~20	6.0		
TROLLEYING		4JXF3B	0~45m/min				4
SLEWING		/	0~0.6r/min				2×3
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						32KW	

LOAD DIAGRAMS

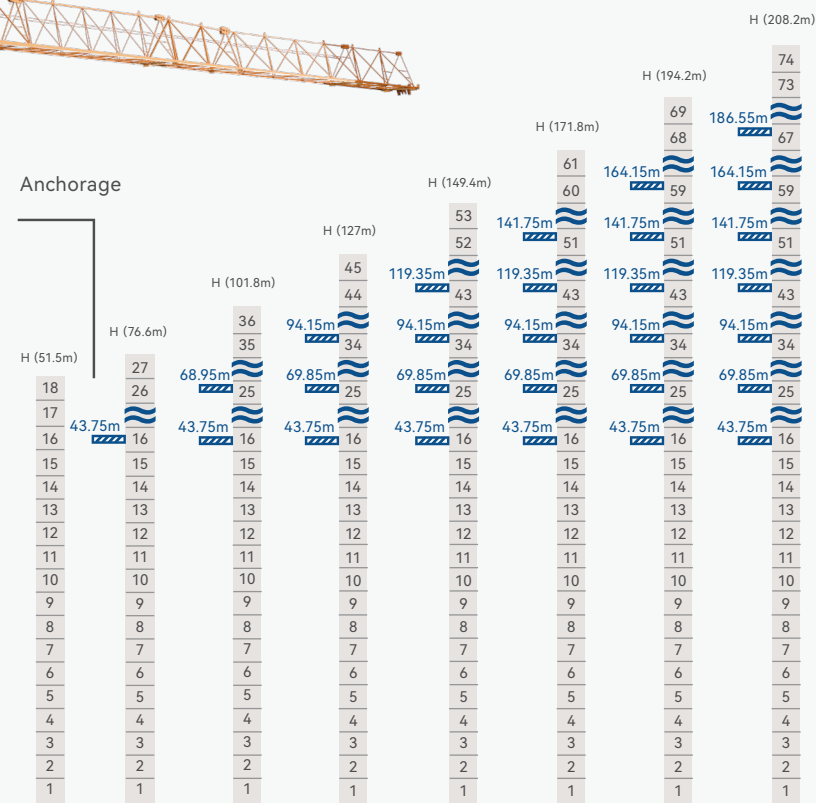
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	35	40	45	50	55	60
60m	⬇	2.50	31.91	3.00	3000				2684	2270	1951	1694	1485	1310
	⬇	2.50	17.32	6.00	6000	5110	3966	3190	2644	2230	1911	1654	1445	1270
55m	⬇	2.50	32.91	3.00	3000				2787	2360	2032	1766	1550	
	⬇	2.50	17.86	6.00	6000	5290	4110	3310	2747	2320	1992	1726	1510	
50m	⬇	2.50	33.93	3.00	3000				2893	2453	2114	1840		
	⬇	2.50	18.42	6.00	6000	5475	4258	3433	2853	2413	2074	1800		
45m	⬇	2.50	34.90	3.00	3000				2990	2540	2190			
	⬇	2.50	18.95	6.00	6000	5650	4398	3550	2950	2500	2150			
40m	⬇	2.50	35.46	3.00	3000					2590				
	⬇	2.50	19.25	6.00	6000	5750	4478	3617	3009	2550				
35m	⬇	2.50	35	3.00	3000									
	⬇	2.50	19.26	6.00	6000	5755	4483	3620	3010					
30m	⬇	2.50	30	3.00	3000									
	⬇	2.50	19.26	6.00	6000	5755	4483	3620						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	89.3	106.2	89.3	106.2
F2 (t)	166.3	177.2	166.3	177.2

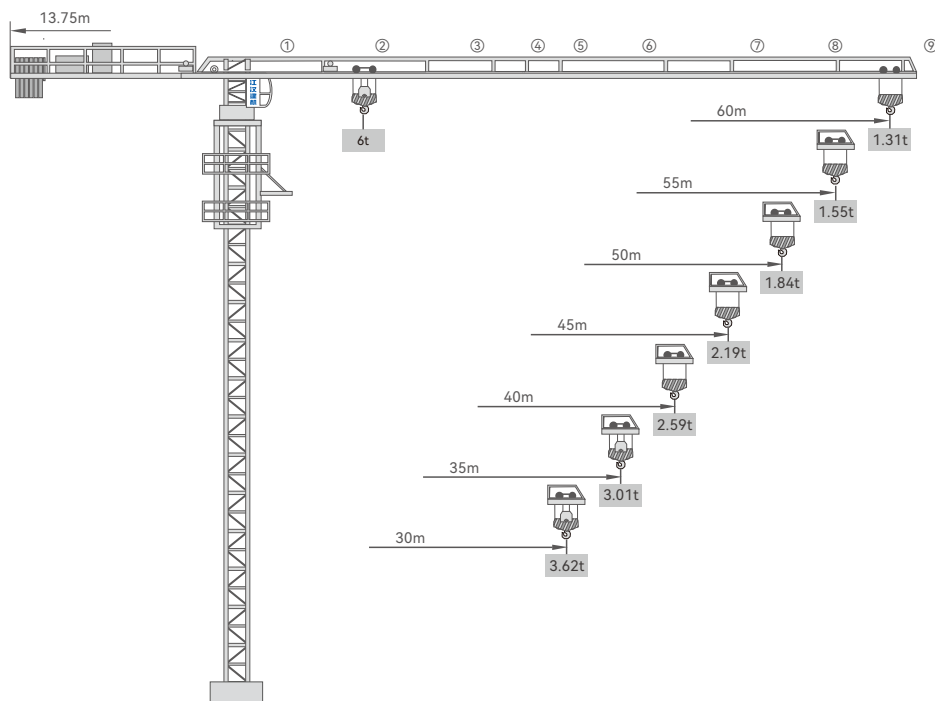
ANCHORAGES

Hoisting Height



Anchorage height

DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	TTL WEIGHT
BEFORE MOUNTING THE JIB		/	/	/	/	/	3.25t	3.25t
JIB	60m	1.00t	1.50t	3.25t	3.25t	3.25t	3.25t	15.5t
	55m	/	1.00t	3.25t	3.25t	3.25t	3.25t	14.0t
	50m	/	/	3.25t	3.25t	3.25t	3.25t	13.0t
	45m	/	1.00t	1.50t	3.25t	3.25t	3.25t	12.25t
	40m	/	/	1.00t	3.25t	3.25t	3.25t	10.75t
	35m	/	/	1.00t	1.50t	3.25t	3.25t	9.00t
	30m	/	/	/	1.00t	3.25t	3.25t	7.5t

MECHANISMS

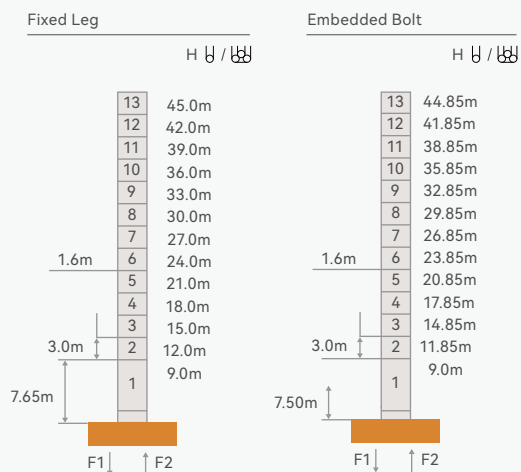
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		33QP15HB-G15		0~100	0.8	450	24
				0~76	1.5		
				0~40	3.0		
				0~50	1.6		
				0~38	3.0		
				0~20	6.0		
TROLLEYING		40BPX65-G3	0~45m/min			4	
SLEWING		/	0~0.6r/min			2×3	
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						35KW	

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	27.5	30	32.5	35	37.5	40	42.5
60m		2.50	31.91	3.00	3000					2935	2681	2462	2270	2101
		2.50	17.32	6.00	6000	5110	3958	3539	3190	2895	2641	2422	2230	2061
55m		2.50	32.91	3.00	3000						2784	2558	2360	2185
		2.50	17.86	6.00	6000	5290	4102	3670	3310	3005	2744	2518	2320	2145
50m		2.50	33.93	3.00	3000						2890	2657	2453	2272
		2.50	18.42	6.00	6000	5475	4250	3805	3433	3119	2850	2617	2413	2232
45m		2.50	34.90	3.00	3000						2990	2750	2540	2355
		2.50	18.95	6.00	6000	5650	4390	3932	3550	3227	2950	2710	2500	2315
40m		2.50	35.46	3.00	3000							2803	2590	
		2.50	19.25	6.00	6000	5750	4470	4005	3617	3288	3007	2763	2550	
35m		2.50	35	3.00	3000									
		2.50	19.26	6.00	6000	5755	4474	4008	3620	3292	3010			
30m		2.50	30	3.00	3000									
		2.50	19.26	6.00	6000	5755	4474	4008	3620					

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

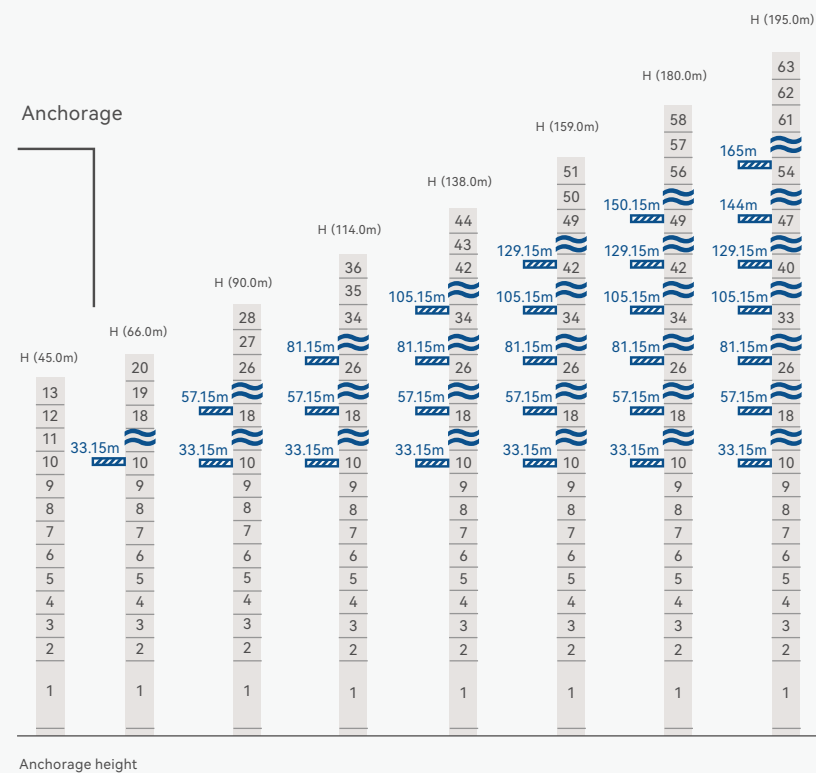
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)						
					45	47.5	50	52.5	55	57.5	60
60m		2.50	31.91	3.00	1950	1815	1694	1584	1485	1393	1310
		2.50	17.32	6.00	1910	1775	1654	1544	1445	1353	1270
55m		2.50	32.91	3.00	2030	1891	1766	1653	1550		
		2.50	17.86	6.00	1990	1851	1726	1613	1510		
50m		2.50	33.93	3.00	2112	1969	1840				
		2.50	18.42	6.00	2072	1929	1800				
45m		2.50	34.90	3.00	2190						
		2.50	18.95	6.00	2150						



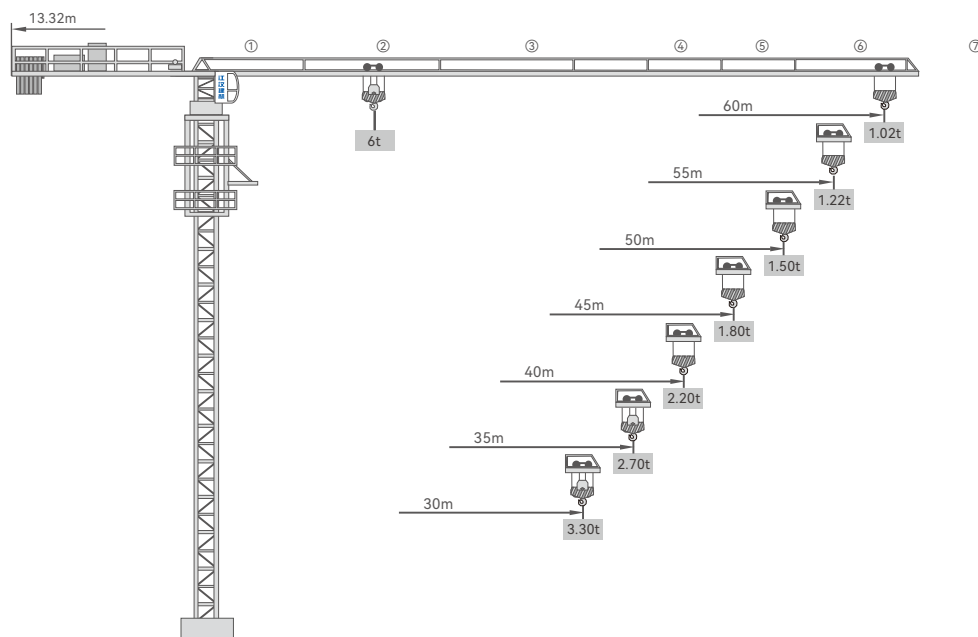
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	92	110	92	110
F2 (t)	161	173	161	173

ANCHORAGES

Hoisting Height



DIMENSIONS



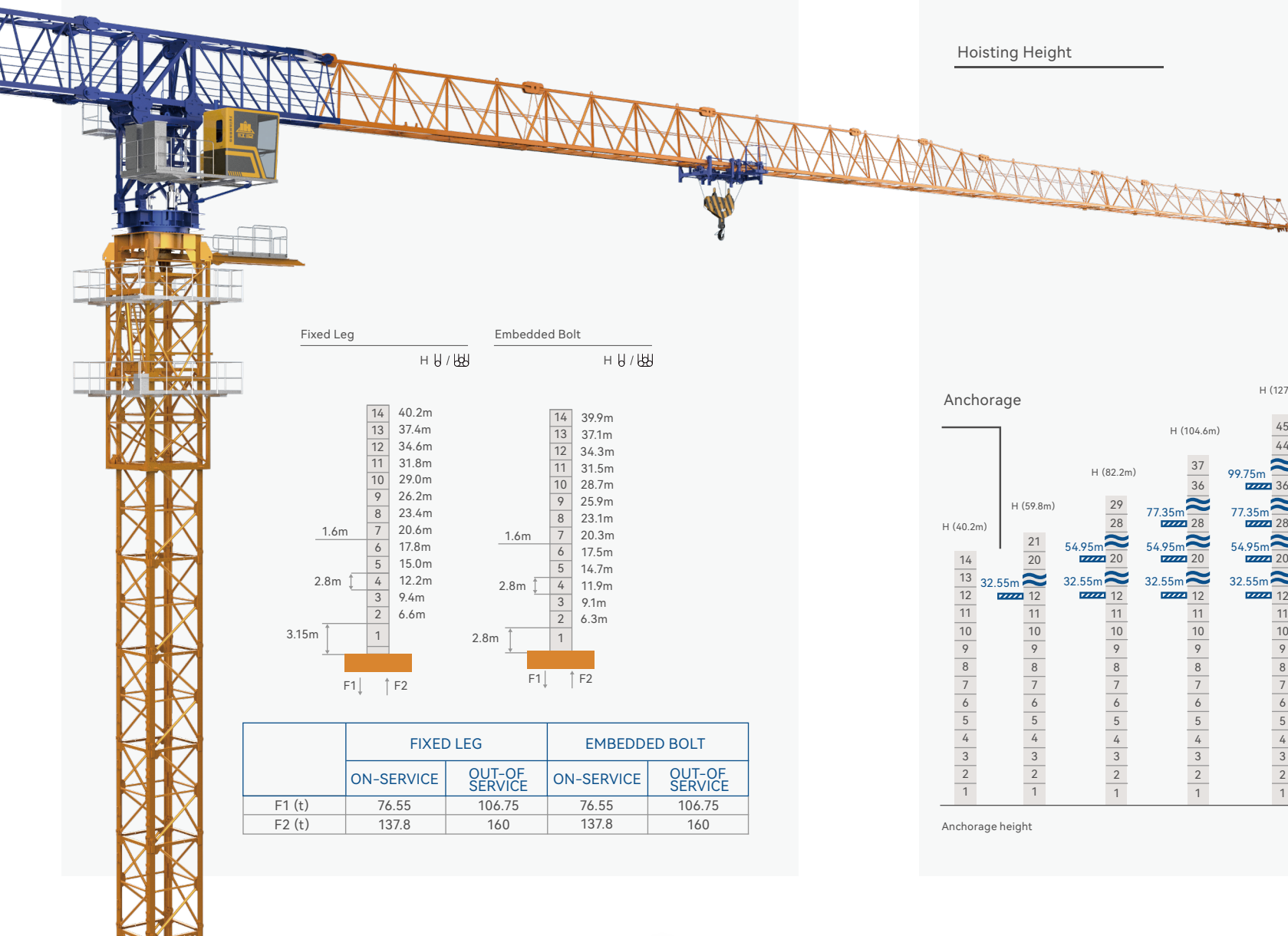
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						TTL WEIGHT
		1	2	3	4	5	6	
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	3.25t
JIB	60m	3.25t	3.25t	3.25t	2.50t	1.25t	1.00t	14.5t
	55m	3.25t	3.25t	3.25t	2.50t	1.00t	/	13.25t
	50m	3.25t	3.25t	3.25t	1.25t	1.00t	/	12.0t
	45m	3.25t	3.25t	3.25t	1.00t	/	/	10.75t
	40m	3.25t	3.25t	2.50t	/	/	/	9.0t
	35m	3.25t	2.50t	1.25t	1.00t	/	/	8.0t
	30m	3.25t	2.50t	1.00t	/	/	/	6.75t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)	Load Capacity(t)	Rope Capacity(m)	Power(kw)	
HOISTING		22HKFA3		0~100	0.8	470	22
			0~76	1.5			
			0~40	3.0			
				0~50	1.6		
			0~38	3.0			
			0~20	6.0			
TROLLEYING		4JXF3B	0~45m/min			4	
SLEWING		/	0~0.6r/min			2×3	
POWER SUPPLY					~380V (±10%) 50HZ		
GROSS POWER					32KW		

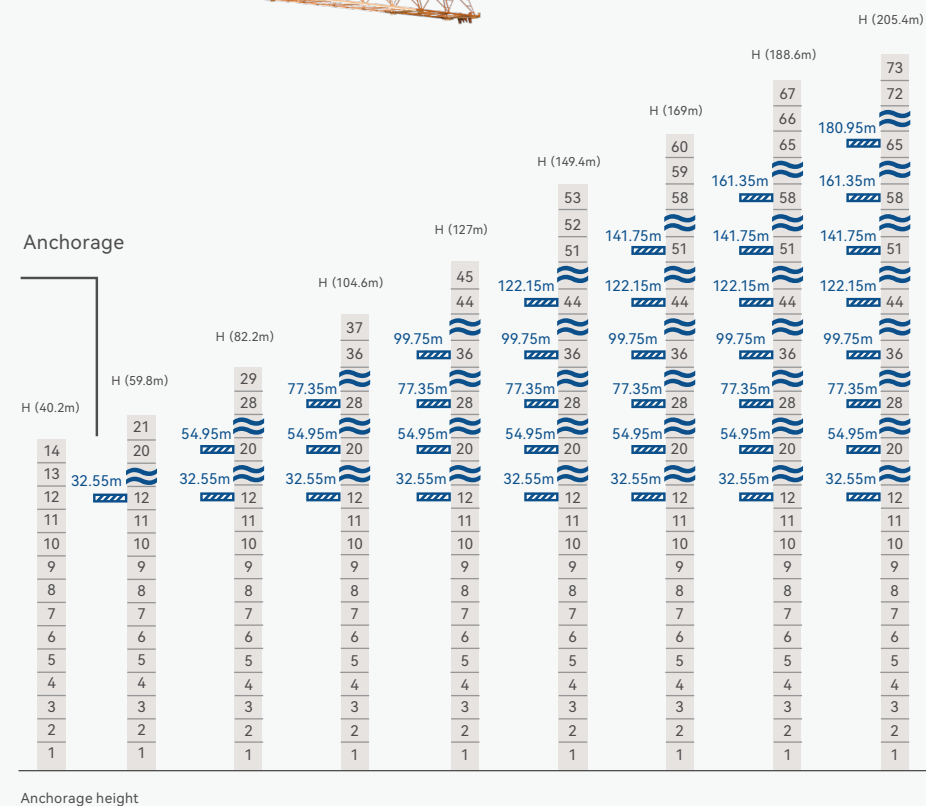
LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	35	40	45	50	55	60
60m	1	2.50	27.09	3.00	3000			2650	2184	1835	1563	1346	1168	1020
	2	2.50	14.71	6.00	5870	4240	3262	2610	2144	1795	1523	1306	1128	980
55m	1	2.50	27.88	3.00	3000			2745	2266	1906	1627	1403	1220	
	2	2.50	15.14	6.00	6000	4382	3376	2705	2226	1866	1587	1363	1180	
50m	1	2.50	33.93	3.00	3000			2907	2404	2027	1734	1500		
	2	2.50	15.87	6.00	6000	4625	3570	2867	2364	1987	1694	1460		
45m	1	2.50	30.04	3.00	3000				2489	2101	1800			
	2	2.50	16.31	6.00	6000	4772	3688	2965	2449	2061	1760			
40m	1	2.50	31.14	3.00	3000				2601	2200				
	2	2.50	16.90	6.00	6000	4970	3846	3097	2561	2160				
35m	1	2.50	32.09	3.00	3000					2700				
	2	2.50	17.42	6.00	6000	5142	3984	3212	2600					
30m	1	2.50	30	3.00	3000									
	2	2.50	17.82	6.00	6000	5275	4090	3300						

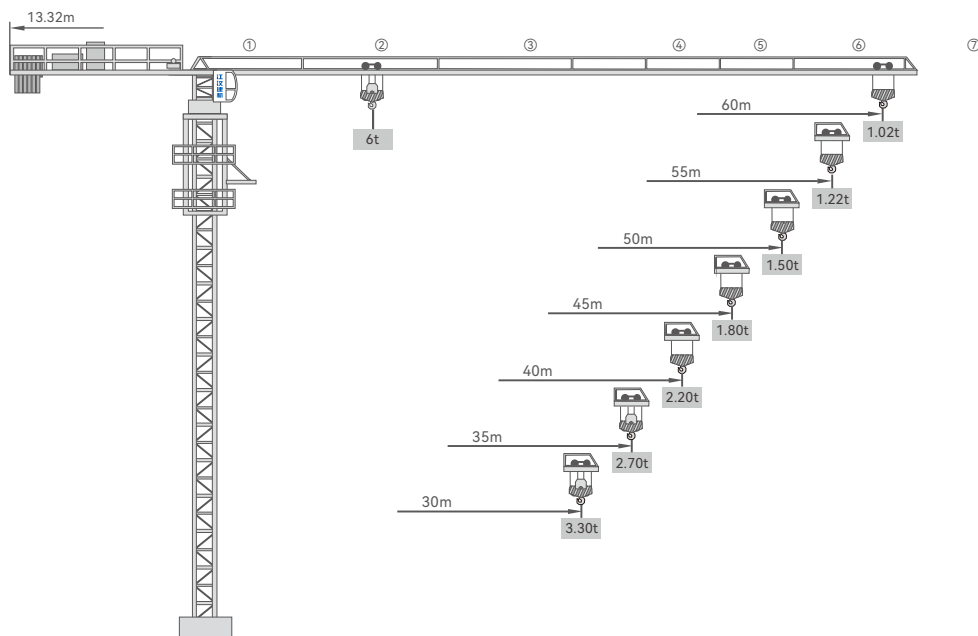
TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

ANCHORAGES

Hoisting Height



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	3.25t
JIB	60m	3.25t	3.25t	3.25t	2.50t	1.25t	1.00t	14.5t
	55m	3.25t	3.25t	3.25t	2.50t	1.00t	/	13.25t
	50m	3.25t	3.25t	3.25t	1.25t	1.00t	/	12.0t
	45m	3.25t	3.25t	3.25t	1.00t	/	/	10.75t
	40m	3.25t	3.25t	2.50t	/	/	/	9.0t
	35m	3.25t	2.50t	1.25t	1.00t	/	/	8.0t
	30m	3.25t	2.50t	1.00t	/	/	/	6.75t

MECHANISMS

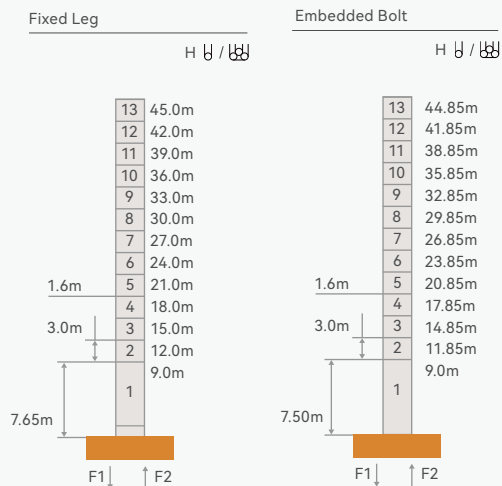
MECHANISMS	LEGEND	MODEL	SPEED(m/min)	Load Capacity(t)	Rope Capacity(m)	Power(kw)	
HOISTING		33QP15HB-G15		0~100	0.8	450	24
			0~76	1.5			
			0~40	3.0			
				0~50	1.6		
			0~38	3.0			
			0~20	6.0			
TROLLEYING		40BPX65-G3	0~45m/min			4	
SLEWING		/	0~0.6r/min			2×3	
POWER SUPPLY					~380V (±10%) 50HZ		
GROSS POWER					35.5KW		

LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	27.5	30	32.5	35	37.5	40	42.5
60m	1	2.50	27.09	3.00	3000			2947	2650	2400	2185	1998	1835	1691
	2	2.50	14.71	6.00	6000	4240	3262	2907	2610	2360	2145	1958	1795	1651
55m	1	2.50	27.88	3.00	3000			2746	2487	2266	2074	1907	1759	
	2	2.50	15.14	6.00	6000	4383	3377	3011	2706	2447	2226	2204	1867	1719
50m	1	2.50	29.22	3.00	3000			2907	2637	2405	2204	2028	1873	
	2	2.50	15.87	6.00	6000	4626	3571	3187	2867	2597	2365	2164	1988	1833
45m	1	2.50	30.04	3.00	3000				2727	2489	2282	2101	1800	
	2	2.50	16.31	6.00	6000	4773	3688	3294	2965	2687	2449	2242	2061	1760
40m	1	2.50	31.14	3.00	3000					2848	2601	2387	2200	
	2	2.50	16.90	6.00	6000	4970	3846	3437	3097	2808	2561	2347	2160	
35m	1	2.50	32.09	3.00	3000					2954	2700			
	2	2.50	17.42	6.00	6000	5143	3984	3563	3217	2914	2660			
30m	1	2.50	30	3.00	3000									
	2	2.50	17.82	6.00	6000	5275	4090	3659	3300					

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)						
					45	47.5	50	52.5	55	57.5	60
60m		2.50	31.91	3.00	1564	1449	1346	1253	1168	1091	1020
		2.50	17.32	6.00	1524	1409	1306	1213	1128	1051	980
55m		2.50	32.91	3.00	1627	1509	1403	1307	1220		
		2.50	17.86	6.00	1587	1469	1463	1267	1180		
50m		2.50	33.93	3.00	1735	1611	1500				
		2.50	18.42	6.00	1695	1571	1460				

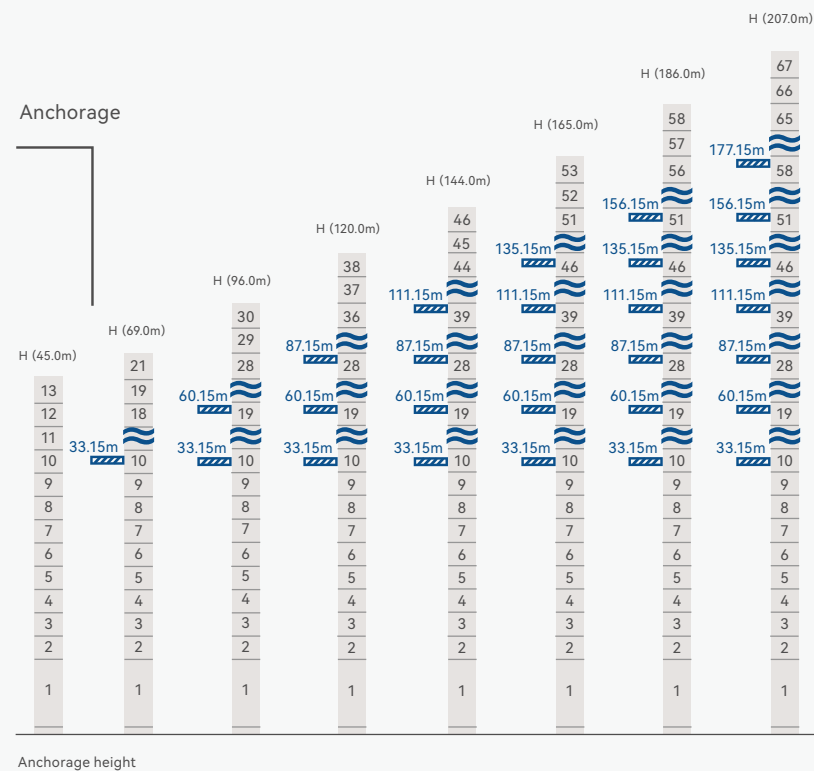


	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	77	107	77	107
F2 (t)	138	160	138	160

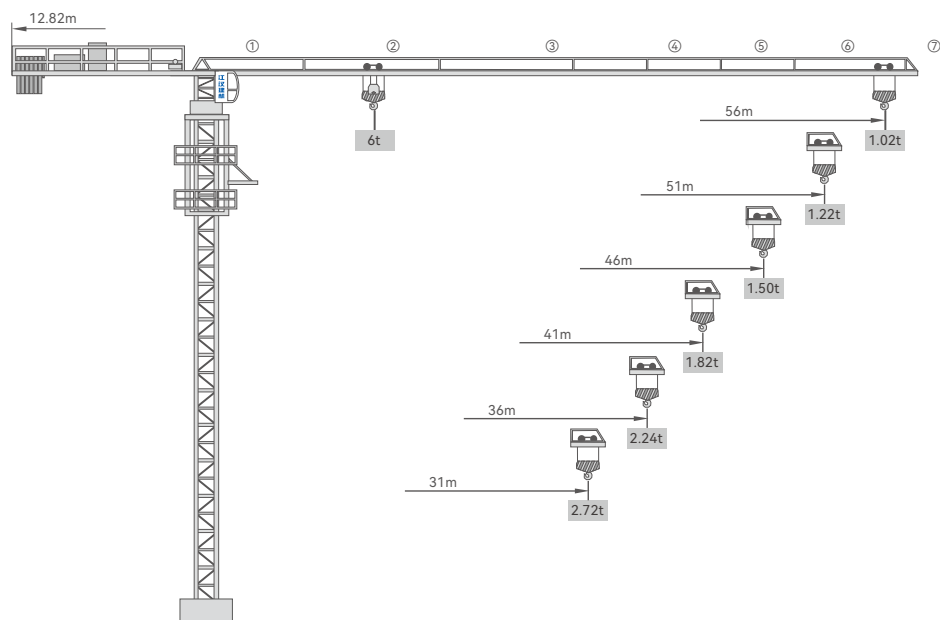
ANCHORAGES

Hoisting Height

Anchorage



DIMENSIONS



COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →						
		1	2	3	4	5	6	TTL WEIGHT
BEFORE MOUNTING THE JIB		3.25t	/	/	/	/	/	3.25t
JIB	56m	3.25t	3.25t	2.5t	1.5t	1.5t	1.0t	13.0t
	51m	3.25t	3.25t	2.5t	1.5t	1.0t	/	11.5t
	46m	3.25t	3.25t	2.5t	1.5t	/	/	10.5t
	41m	3.25t	3.25t	1.5t	1.5t	/	/	9.5t
	36m	3.25t	3.25t	1.0t	/	/	/	7.5t
	31m	3.25t	2.5t	1.5t	/	/	/	7.25t

MECHANISMS

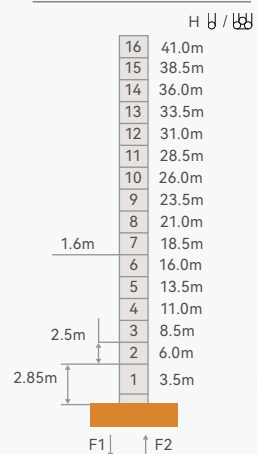
MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		22HKF15A3		0~100	0.8	470	22
				0~76	1.5		
				0~40	3.0		
				0~50	1.6		
				0~38	3.0		
				0~20	6.0		
TROLLEYING		4JXF3B	0~45m/min				4
SLEWING		/	0~0.6r/min				4
POWER SUPPLY					~380V (±10%) 50HZ		
GROSS POWER					30KW		

LOAD DIAGRAMS

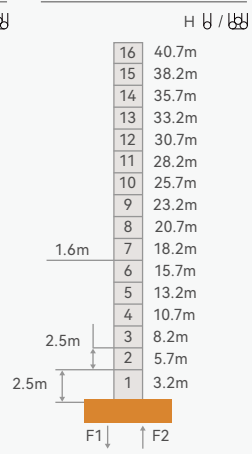
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
					15	20	25	30	35	40	45	50	56	
56m		2.50	25.29	3.00	3000			2433	1998	1672	1418	1216	1020	
		2.50	13.73	6.00	5435	3914	3001	2393	1958	1632	1378	1176	980	
51m		2.50	25.85	3.00	3000			2501	2057	1723	1464	1257		
		2.50	14.04	6.00	5572	4017	3083	2461	2017	1683	1424	1217		
46m		2.50	26.89	3.00	3000			2625	2163	1817	1547			
		2.50	14.60	6.00	5821	4203	3232	2585	2123	1777	1507			
41m		2.50	27.60	3.00	3000			2711	2237	1881				
		2.50	14.98	6.00	5992	4332	3335	2671	2197	1841				
36m		2.50	28.42	3.00	3000			2810	2321					
		2.50	15.43	6.00	6000	4480	3454	2770	2281					
31m		2.50	28.6	3.00	3000			2831						
		2.50	15.52	6.00	6000	4512	3479	2791						

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

Fixed Leg



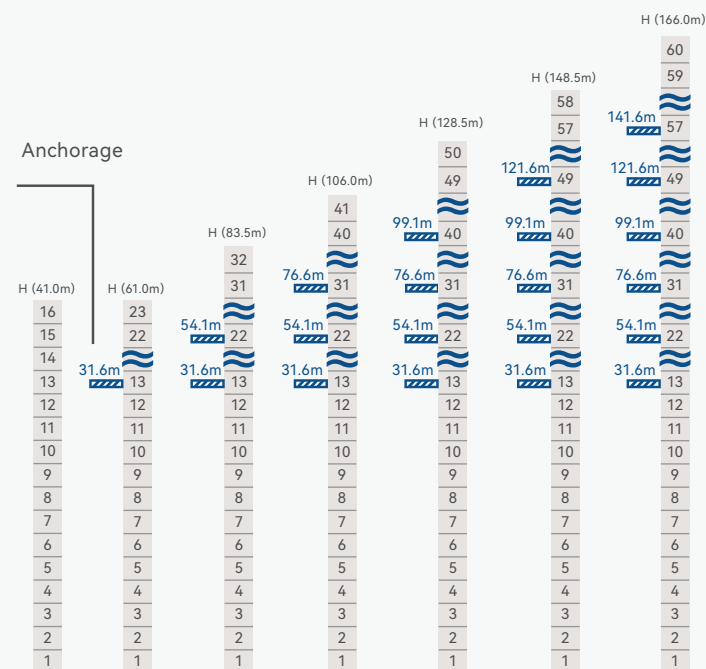
Embedded Bolt



	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF-SERVICE	ON-SERVICE	OUT-OF-SERVICE
F1 (t)	82.7	99.4	82.5	99.2
F2 (t)	139.2	149.9	139	149.7

ANCHORAGES

Hoisting Height



Anchorage height



TOWER CRANE

CONSTRUCTION HOIST

TOWER CRANE

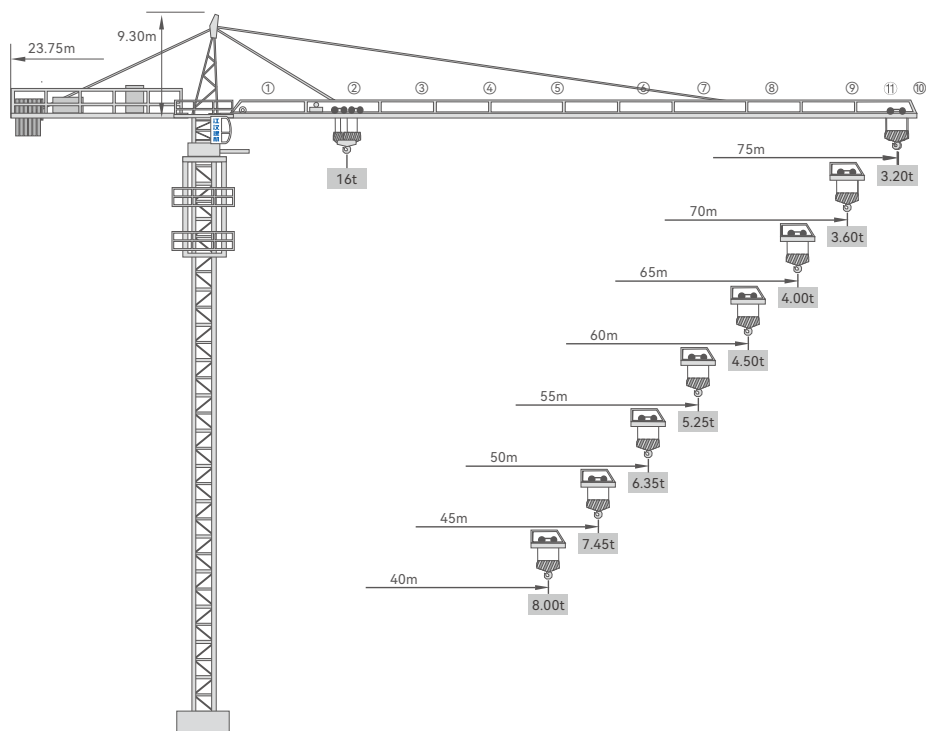
TC Series

TC7532C-16

TC6515B-8

TC6515BZ-8

DIMENSIONS



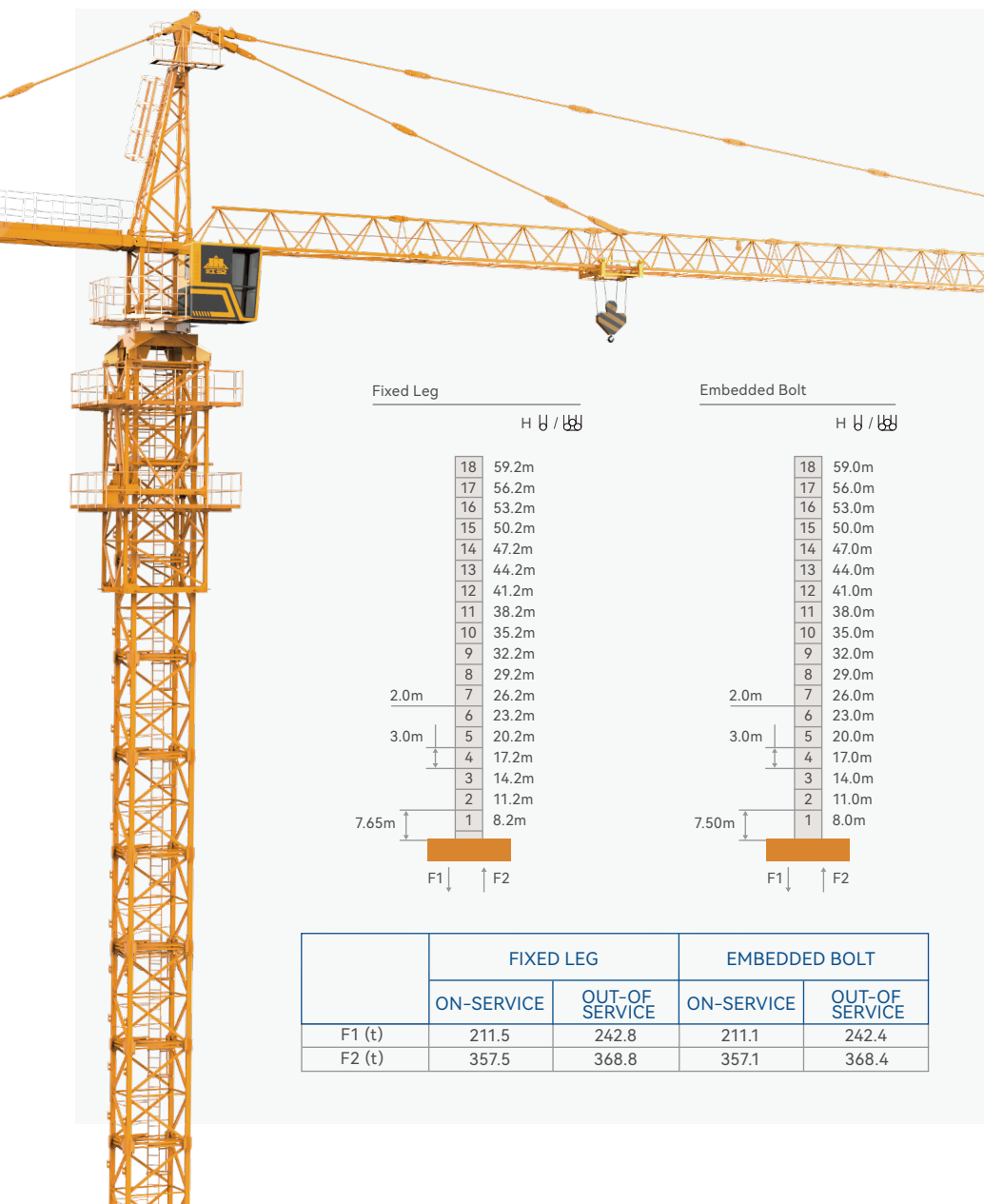
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
BEFORE MOUNTING THE JIB		/	/	/	/	/	/	4.5t	4.5t
JIB	75m	1.0t	2.5t	4.5t	4.5t	4.5t	4.5t	4.5t	26.0t
	70m	/	2.5t	4.5t	4.5t	4.5t	4.5t	4.5t	25.0t
	65m	/	1.0t	4.5t	4.5t	4.5t	4.5t	4.5t	23.5t
	60m	/	/	2.5t	4.5t	4.5t	4.5t	4.5t	20.5t
	55m	/	/	1.0t	4.5t	4.5t	4.5t	4.5t	19.0t
	50m	1.0t	2.5t	4.5t	4.5t	4.5t	4.5t	4.5t	26.0t
	45m	/	1.0t	4.5t	4.5t	4.5t	4.5t	4.5t	23.5t
	40m	/	/	2.5t	4.5t	4.5t	4.5t	4.5t	20.5t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		75JLF40AC		0~90	3.25	755	75
				0~60	6		
				0~48	8		
				0~45	6.5		
				0~30	12		
				0~24	16		
TROLLEYING		185JXL	0~68m/min				9
SLEWING		JH17	0~0.7r/min				2×9
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						102KW	

LOAD DIAGRAMS

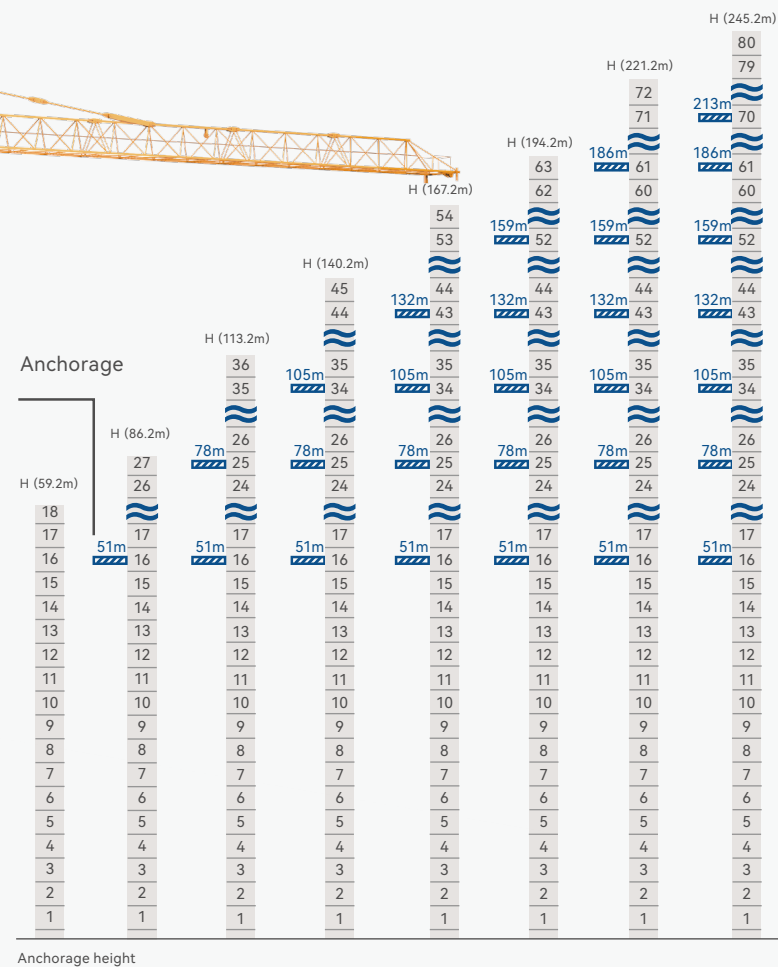
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)											
					20	25	30	35	40	45	50	55	60	65	70	75
70m	U	4.0	35.6	8.00	8000				6969	6067	5343	4754	4268	3872	3524	3200
	UU	4.0	18.2	16.00	13587	10624	8922	7510	6319	5417	4693	4104	3618	3222	2874	2550
70m	U	4.0	36.3	8.00	8000				7138	6217	5478	4880	4380	3961	3600	
	UU	4.0	18.98	16.00	15055	11598	9295	7699	6488	5567	4828	4230	3730	3311	2950	
65m	U	4.0	36.6	8.00	8000				7205	6277	5531	4928	4424	4000		
	UU	4.0	19.13	16.00	15268	11707	9384	7770	6555	5627	4881	4278	3774	3350		
60m	U	4.0	37.1	8.00	8000				7321	6379	5622	5012	4500			
	UU	4.0	19.39	16.00	15486	11895	9540	7902	6671	5729	4972	4362	3850			
55m	U	4.0	38.5	8.00	8000				7654	6675	5888	5250				
	UU	4.0	20.12	16.00	16000	12437	9989	8285	7004	6025	5238	4600				
50m	U	4.0	41.0	8.00	8000					7190	6350					
	UU	4.0	21.41	16.00	16000	13383	10769	8952	7595	6540	5700					
45m	U	4.0	42.3	8.00	8000					7450						
	UU	4.0	22.07	16.00	16000	12515	11171	9295	7883	6800						
40m	U	4.0	40.0	8.00	8000											
	UU	4.0	22.32	16.00	16000	14059	11328	9429	8000							

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

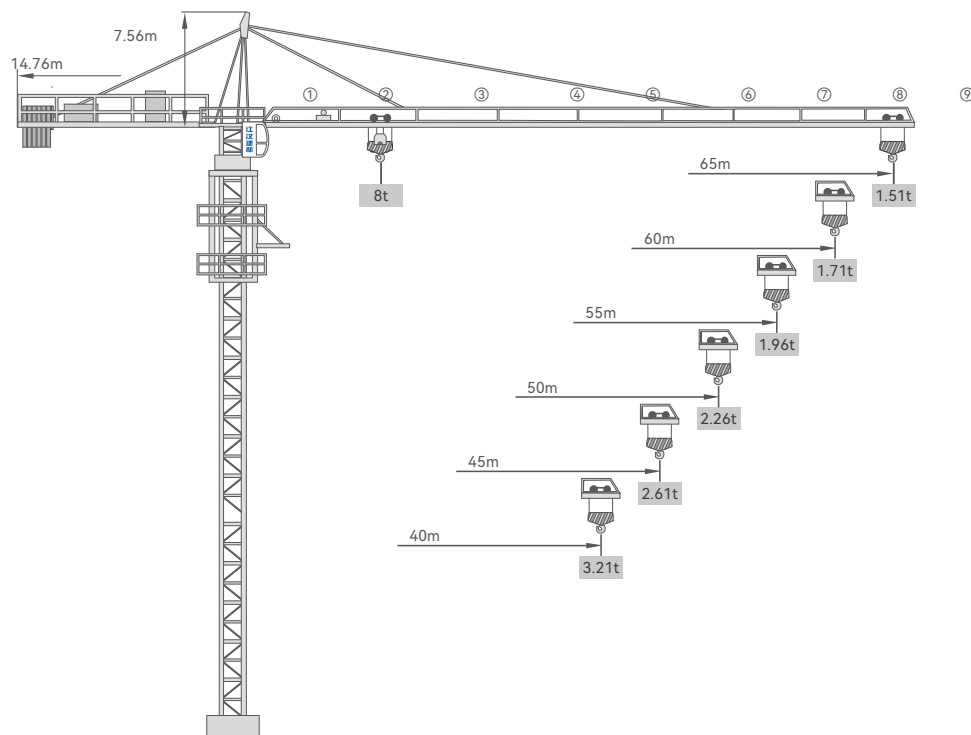
ANCHORAGES

Hoisting Height

Anchorage



DIMENSIONS



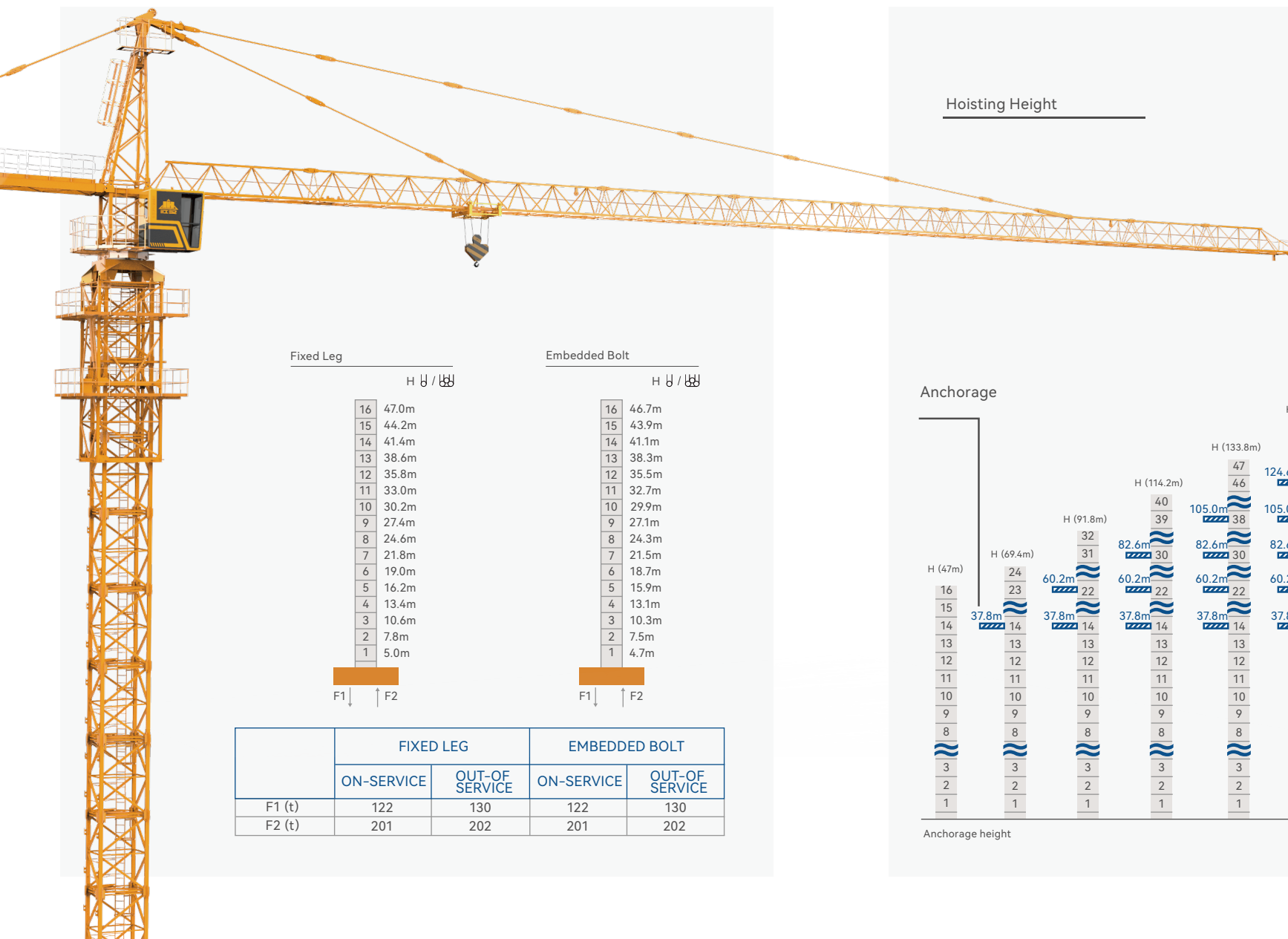
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
BEFORE MOUNTING THE JIB		/	/	/	/	/	2.9t	2.9t	5.8t
JIB	65m	1.3t	1.9t	2.9t	2.9t	2.9t	2.9t	2.9t	17.7t
	60m	/	1.9t	2.9t	2.9t	2.9t	2.9t	2.9t	16.4t
	55m	/	/	2.9t	2.9t	2.9t	2.9t	2.9t	14.5t
	50m	/	/	1.9t	2.9t	2.9t	2.9t	2.9t	13.5t
	45m	/	/	/	2.9t	2.9t	2.9t	2.9t	11.6t
	40m	/	/	/	1.3t	2.9t	2.9t	2.9t	10.0t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		QTJ8.100P		0~100	1.1	480	37
				0~40	4		
				0~50	2.2		
				0~20	8		
TROLLEYING		BP5565X	0~65m/min				5.5
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						53.5KW	

LOAD DIAGRAMS

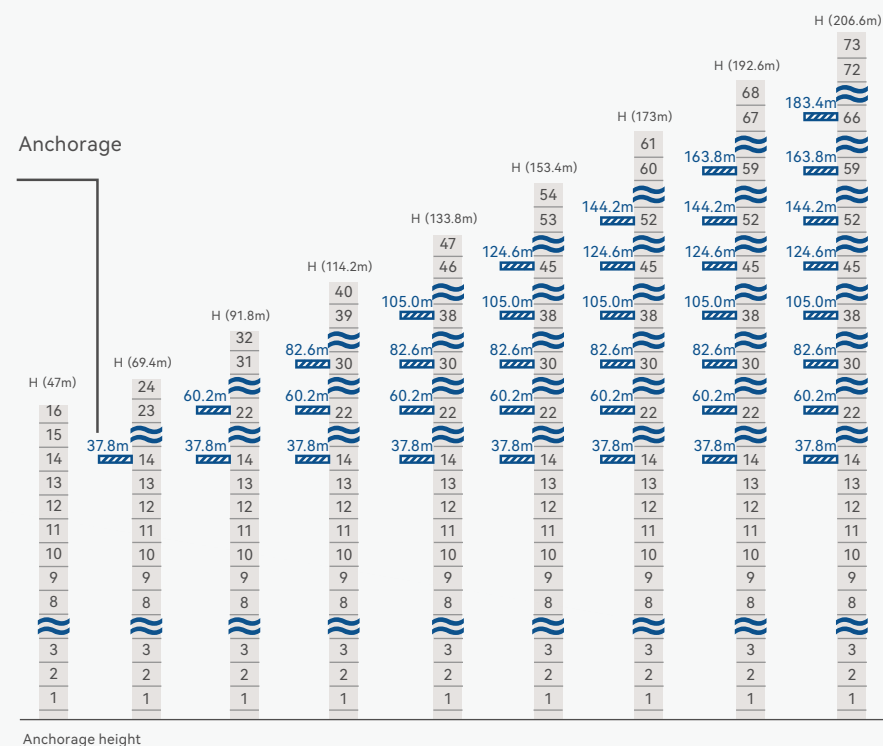
Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)										
					15	20	25	30	35	40	45	50	55	60	65
65m		2.50	31.3	4.00	4000				3487	2947	2529	2196	1925	1700	1510
		2.50	17.3	8.00	8000	6739	5178	4152	3427	2887	2469	2136	1865	1640	1450
60m		2.50	31.4	4.00	4000				3504	2962	2542	2209	1936	1710	
		2.50	17.4	8.00	8000	6770	5205	4172	3444	2902	2482	2149	1876	1650	
55m		2.50	31.7	4.00	4000				3541	2995	2571	2235	1960		
		2.50	17.5	8.00	8000	6837	5255	4216	3481	2935	2511	2175	1900		
50m		2.50	31.9	4.00	4000				3578	3026	2599	2260			
		2.50	17.6	8.00	8000	6902	5306	4259	3518	2966	2539	2200			
45m		2.50	32.0	4.00	4000				3591	3038	2610				
		2.50	17.7	8.00	8000	6925	5325	4274	3531	2978	2550				
40m		2.50	33.4	4.00	4000				3788	3210					
		2.50	18.4	8.00	7277	6970	5604	4505	3728	3150					

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

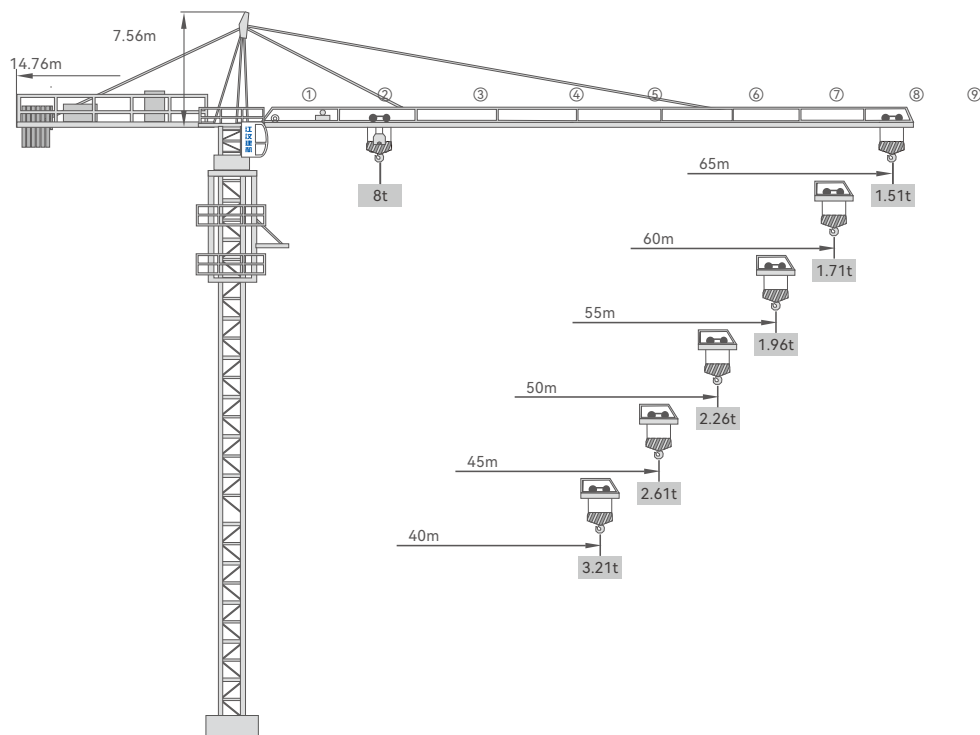
	FIXED LEG		EMBEDDED BOLT	
	ON-SERVICE	OUT-OF SERVICE	ON-SERVICE	OUT-OF SERVICE
F1 (t)	122	130	122	130
F2 (t)	201	202	201	202

ANCHORAGES

Hoisting Height



DIMENSIONS



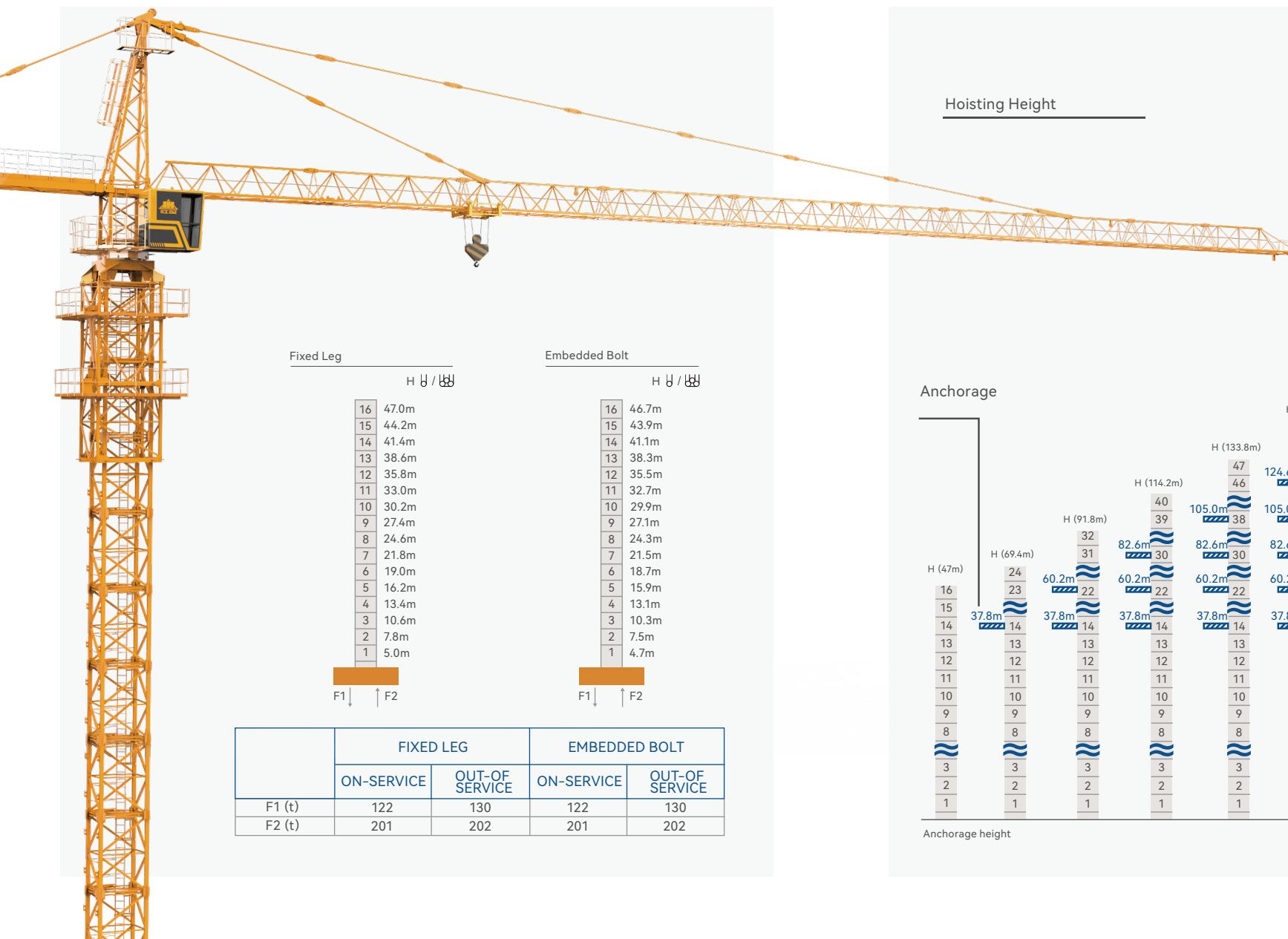
COUNTERWEIGHT		← (BALANCE ARM DIRECTION) COUNTERWEIGHT CONFIGURATION (JIB DIRECTION) →							TTL WEIGHT
BEFORE MOUNTING THE JIB		/	/	/	/	/	2.9t	2.9t	5.8t
JIB	65m	1.3t	1.9t	2.9t	2.9t	2.9t	2.9t	2.9t	17.7t
	60m	/	1.9t	2.9t	2.9t	2.9t	2.9t	2.9t	16.4t
	55m	/	/	2.9t	2.9t	2.9t	2.9t	2.9t	14.5t
	50m	/	/	1.9t	2.9t	2.9t	2.9t	2.9t	13.5t
	45m	/	/	/	2.9t	2.9t	2.9t	2.9t	11.6t
	40m	/	/	/	1.3t	2.9t	2.9t	2.9t	10.0t

MECHANISMS

MECHANISMS	LEGEND	MODEL	SPEED(m/min)		Load Capacity(t)	Rope Capacity(m)	Power(kw)
HOISTING		QTJ8.100P		0~100	1.1	480	37
				0~40	4		
				0~50	2.2		
				0~20	8		
TROLLEYING		BP5565X	0~65m/min				5.5
SLEWING		/	0~0.6r/min				2×5.5
POWER SUPPLY						~380V (±10%) 50HZ	
GROSS POWER						53.5KW	

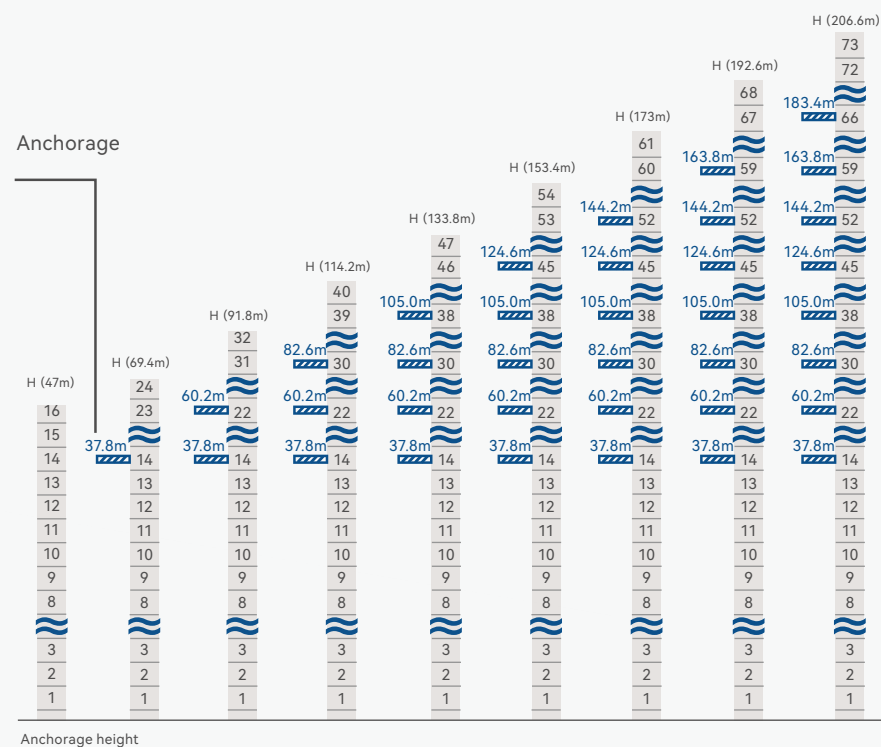
LOAD DIAGRAMS

Jib(m)		RMIN (M)	R (CMAX) (M)	CMAX (T)	RANGE (m)									
15	20	25	30	35	40	45	50	55	60	65				
65m	0	2.50	31.3	4.00	4000				3487	2947	2529	2196	1925	1700
	1	2.50	17.3	8.00	8000	6739	5178	4152	3427	2887	2469	2136	1865	1640
60m	0	2.50	31.4	4.00	4000				3504	2962	2542	2209	1936	1710
	1	2.50	17.4	8.00	8000	6770	5205	4172	3444	2902	2482	2149	1876	1650
55m	0	2.50	31.7	4.00	4000				3541	2995	2571	2235	1960	
	1	2.50	17.5	8.00	8000	6837	5255	4216	3481	2935	2511	2175	1900	
50m	0	2.50	31.9	4.00	4000				3578	3026	2599	2260		
	1	2.50	17.6	8.00	8000	6902	5306	4259	3518	2966	2539	2200		
45m	0	2.50	32.0	4.00	4000				3591	3038	2610			
	1	2.50	17.7	8.00	8000	6925	5325	4274	3531	2978	2550			
40m	0	2.50	33.4	4.00	4000				3788	3210				
	1	2.50	18.4	8.00	7277	6970	5604	4505	3728	3150				

TOWER COMPOSITION
AND BEARING REACTION WITH DIFFERENT FOUNDATIONS

ANCHORAGES

Hoisting Height





TOWER CRANE

CONSTRUCTION HOIST

CONSTRUCTION HOIST

INTELLIGENT
CONSTRUCTION HOIST

ENERGY-FEEDBACK
CONSTRUCTION HOIST

MATERIAL
CONSTRUCTION HOIST

HOISTWAY
CONSTRUCTION HOIST

INTEGRAL
CONSTRUCTION HOIST

INCLINED
CONSTRUCTION HOIST

ELEVATING
WORK PLATFORM

SPECIAL (MULTI-FIELD)
CONSTRUCTION HOIST:

EXPLOSION-PROOF
CONSTRUCTION HOIST

DOUBLE GUIDE
CONSTRUCTION HOIST

CLIMBING
CONSTRUCTION HOIST

SUSPENDED
CONSTRUCTION HOIST

LARGE-CAGE
CONSTRUCTION HOIST

INTELLIGENT CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	Low speed	
	LPI	LKI
RATED LOAD (KG)	2×2000	
RATED SPEED (M/MIN)	0-46	
MOTOR POWER (KW)	2×3×11	2×3×11
MAST SECTION (MM)	650×650	800×800
STYLE	A/B/C/D	A/B

◎ STANDARD CONFIGURATION:

- ◎ Integrated display of working status, with fault diagnosis, reminder and voice broadcast.
- ◎ Equipped with driven flap door, eliminate stop gap.
- ◎ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.
- ◎ Monitor anytime and anywhere, because of configure the JOINHAND cloud, all machineries information are stored in it.

◎ OPTIONAL CONFIGURATION:

- ◎ Multiple security monitoring and protection.
- ◎ Efficient drive system, effectively reduce energy consumption.
- ◎ Automatic selection-layer, easy to operate.
- ◎ Equipped with safety light curtain and anti-clip protection, high safety of automatic door.
- ◎ Equipped with automatic door and driven door, passengers do not need to manually open the door.
- ◎ Equipped with super layer board, one key to select the layer, no need driver.
- ◎ Real-time detect the level between the cage and the passageway, intelligently realize opening and closing.
- ◎ With the number of statistics function, to achieve the cage overcrowding detection.
- ◎ Intelligent response the calling and realize the optimal deploying the cage.

◎ Note: Different models, different configurations. For other configurations, please contact us.



INTELLIGENT CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	Low-medium speed	
	SP	SK
RATED LOAD (KG)	2×2000	
RATED SPEED (M/MIN)	0-51	
MOTOR POWER (KW)	2×2×15	2×2×15
MAST SECTION (MM)	650×650	800×800
STYLE	A/B/C/D	A/B

MODEL	Medium speed			
	MPI	MP	MKI	MK
RATED LOAD (KG)	2×2000			
RATED SPEED (M/MIN)	0-60			
MOTOR POWER (KW)	2×3×12	2×2×11(Efficient)	2×3×12	2×2×11(Efficient)
MAST SECTION (MM)	650×650		800×800	
STYLE	A/B/C/D		A/B	

MODEL	Medium-high speed		High speed
	BPI	BKI	HPI
RATED LOAD (KG)	2×2000		2×2000
RATED SPEED (M/MIN)	0-70		0-90
MOTOR POWER (KW)	2×3×16.5		2×3×18.5
MAST SECTION (MM)	650×650	800×800	650×650
STYLE	A/B		A/B

ENERGY-FEEDBACK CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	Low Speed		Medium speed	
	LPN	LKN	MPN	MKN
RATED LOAD (KG)	2×2000		2×2000	
RATED SPEED (M/MIN)	0-46		0-60	
MOTOR POWER (KW)	2×2×12		2×2×11(Efficient)	
MAST SECTION (MM)	650×650	800×800	650×650	800×800
STYLE	A/B/C/D	A/B	A/B/C/D	A/B

- ⊙ The efficiency of the transmission is up to 96%, free of oil change for 4 years.
- ⊙ Energy-feedback system can save 50% energy compared with the traditional hoist.
- ⊙ The trolley frame is bent and processed in the integral state.
- ⊙ No hidden heat source from the resistance.
- ⊙ Integrated display of working status, with fault diagnosis, reminder and voice broadcast.
- ⊙ Intelligent speed regulation technology improve the operating efficiency(heavy load with low speed, light load with high speed).
- ⊙ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.



MATERIAL HOIST

TECHNICAL DATA

MODEL	SC100H-A	SC100H-R	SC100/100H-A
RATED LOAD (KG)	1×1000	1×1000	2×1000
RATED SPEED (M/MIN)	0-30		0-30
MOTOR POWER (KW)	1×1×15	1×1×15	2×1×15
MAST SECTION (MM)	650×650		650×650

- ⊙ Higher usage rates, safety and stability than gantry crane.
- ⊙ Convenient for vertical transportation of goods, and applicable to port, wharf and plant etc.
- ⊙ Easy to operate without a driver controlled by base station layer selection with floor call system.
- ⊙ The hoist can be lifted and transported all-in-one(Optional),the installation, dismantle and transportation will be more quickly and efficiently.
- ⊙ Wireless video surveillance, equipped with a humanoid identification camera, it prohibited to run and voice prompt if there are people in the cage.
- ⊙ Independent trolley frame, can be integrated with the cage installation and disassembly.
- ⊙ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.
- ⊙ storage cabinet of console(optional).
- ⊙ Note: Different models, different configurations. For other configurations, please contact us.

HOISTWAY CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	Low speed modular type		Medium speed modular type	
	SC200W-L	SC200WP-L	SC200W-M	SC200WP-M
RATED LOAD (KG)	2×2000		2×2000	
RATED SPEED (M/MIN)	0-46		0-60	
MOTOR POWER (KW)	1×2×12		1×2×11(Efficient)	
MAST SECTION (MM)	650×200	650×650	650×200	650×650
STYLE	0/2/4/6		0/2/4/6	

- The application range is wider, such as building exterior wall, hoistway construction and maintenance, etc.
- Modular combined type cage, the length can be adjusted, range from 2.0~3.2m, adjust once every 200mm.
- Modular cage height of 3 meters to facilitate long material transportation.
- Equipped with an installation platform on the top of the modular cage, which is easy to install and disassemble in the elevator shaft.
- Note: Different models, different configurations. For other configurations, please contact us.



HOISTWAY CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	Low speed integral type		Medium speed integral type	
	SC200W-L	SC200WP-L	SC200W-M	SC200WP-M
RATED LOAD (KG)	2×2000		2×2000	
RATED SPEED (M/MIN)	0-46		0-60	
MOTOR POWER (KW)	1×2×12		1×2×11(Efficient)	
MAST SECTION (MM)	650×200	650×650	650×200	650×650
STYLE	X		X	

MODEL	Low speed economy	
	SC100W-L	SC100WP-L
RATED LOAD (KG)	1×1000	
RATED SPEED (M/MIN)	0-40	
MOTOR POWER (KW)	1×2×11	
MAST SECTION (MM)	650×200	650×650
STYLE	X	X

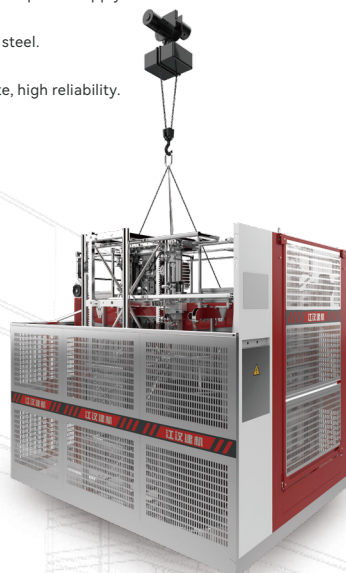
- Assembly structure cage, easy to install, disassemble and use in a narrow space.
- Small section mast, the hoistway space is fully utilized.
- The trolley frame is bent and processed in the integral state.
- Wall-attached type tie-in, improve the utilization of space.
- The efficiency of the transmission is up to 96%, free of oil change for 4 years.
- VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.
- Automatic selection-layer, easy to operate.
- Bu using the Plug - in connector, easy to install and disassembly.
- The machinery will be more safer by using the video monitoring function (Standard).
- Customized.
- Note: Different models, different configurations. For other configurations, please contact us.

INTEGRAL CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	SC120B-L	SC120B-R
RATED LOAD (KG)	1×1200	1×1200
RATED SPEED (M/MIN)	0-30	0-30
MOTOR POWER (KW)	1×1×13	1×1×13
MAST SECTION (MM)	650×650	650×650

- ⊙ The hoist can be lifted and transported all-in-one, the installation, dismantle and transportation will be more quickly and efficiently.
- ⊙ There is no need to adjust the gear and rack meshing clearance, back wheel and rack clearance, roller and guide clearance.
- ⊙ Electrical installation (disassembly) only need to connect (disconnect) the main power supply.
- ⊙ The main bearing material of the cage and the trolley frame is high strength steel.
- ⊙ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.



INCLINED CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	Low Speed	
	LPI	LKI
RATED LOAD (KG)	2×2000	
RATED SPEED (M/MIN)	0-46	
MOTOR POWER (KW)	2×3×11	2×3×11
MAST SECTION (MM)	650×650	800×800

MODEL	Medium speed			
	MPI	MP	MKI	MK
RATED LOAD (KG)	2×2000			
RATED SPEED (M/MIN)	0-60			
MOTOR POWER (KW)	2×3×12	2×2×11(Efficient)	2×3×12	2×2×11(Efficient)
MAST SECTION (MM)	650×650		800×800	

MODEL	Low-medium speed		Medium-high speed	
	SP	SK	BPI	BKI
RATED LOAD (KG)	2×2000		2×2000	
RATED SPEED (M/MIN)	0-52		0-70	
MOTOR POWER (KW)	2×2×15		2×3×16.5	
MAST SECTION (MM)	650×650	800×800	650×650	800×800

- ⊙ Application: Bridge pylons and construction with sloping size.
- ⊙ Angle of inclination up to 15°.
- ⊙ Power supply: cable trolley or sliding conductor.
- ⊙ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.
- ⊙ Customized.

ANTI-EXPLOSION HOIST

TECHNICAL DATA

MODEL	SC150B-LPX	SC100-LPX
RATED LOAD (KG)	1×1500	1×1000
RATED SPEED (M/MIN)	0-20	0-46
MOTOR POWER (KW)	1×2×7.5	1×2×11
MAST SECTION (MM)	650×650	650×200

- ⊙ Explosion-Proof grade:ExdIIBT4, IP grade: IP55.
- ⊙ Modular design , field installation and disassembly fast and convenient.
- ⊙ Customized design meets the special requirements,such asinclined, low temperature, high altitude, high humidity etc.
- ⊙ Small section mast, convenient to install.
- ⊙ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.
- ⊙ Automatic selection-layer, easy to operate.
- ⊙ The electronic control system is integrated and arranged independently to maximize utilize the cage space.

DOUBLE GUIDE CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	SCE400-LP	SCE400/200-L/MP	SCE200/400/200-M/L/MP
RATED LOAD (KG)	1×4000	1×2000 (Single-side cage) 1×4000 (Middle cage)	2×2000 (Both sides of the cages) 1×4000 (Middle cage)
RATED SPEED (M/MIN)	0-46	0-60 (Single-side cage) 0-46 (Middle cage)	0-60 (Both sides of the cages) 0-46 (Middle cage)
MOTOR POWER (KW)	2×3×15	2×11 (Single-side cage) 2×3×15 (Middle cage)	2×2×11 (Both sides of the cages) 2×3×15 (Middle cage)
MAST SECTION (MM)	650×650		

- ⊙ Double guide,the load capacity and the stability of the main frame are much better than the traditional monorail construction hoist.
- ⊙ Convenient for vertical transportation of goods, and applicable to port, wharf and plant etc.
- ⊙ Rated load capacity is 4tons,it can transport the large tonnage materials.
- ⊙ With double trolley frame,stress equilibrium,new control system, realize synchronous starting, braking and deviation correction.
- ⊙ Equipped with super load anti-falling safety system, double guide brake at the same time, safe and reliable.
- ⊙ With 3 cages at the same time to greatly improve transportation efficiency.
- ⊙ Automatic layering function, can be selected by keyboard, automatic precise layering.
- ⊙ Closed loop control is adopted to make the cage operate smoothly.
- ⊙ Mast section is in common use the 650 mast section.
- ⊙ Note: Different models, different configurations. For other configurations, please contact us.

CLIMBING HOIST

TECHNICAL DATA

MODEL	SC40-LP
RATED LOAD (KG)	1×400
RATED SPEED (M/MIN)	0-30
MOTOR POWER (KW)	1×1×7.5
MAST SECTION (MM)	650×200

- Application: Boarding the tower crane, bridge, chimney, overhaul the well etc.
- Modular cage, can be installed and used in a variety of limited space.
- The main bearing structure can configured with different size cage.
- Small section mast, convenient to install.
- VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.
- Automatic selection-layer, easy to operate.
- Customized.

SUSPENDED CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	SC100X-LP
RATED LOAD (KG)	1×1000
RATED SPEED (M/MIN)	0-33
MOTOR POWER (KW)	1×2×11
MAST SECTION (MM)	650×650

- Application: Tunnel, shaft and other downward excavation constructions etc.
- 7 national patented technologies, the sole manufacturer that has passed the national authoritative Product-Type test.
- The hoist is suspended at the top of the foundation pit and can be installed from top to bottom.
- Floating tie-in, the mast can move in the constraint of tie-in.
- Original master-sub station control mode, real-time communication between ground and cage.
- Double anti-fall protection.
- Integrated display of working status, with fault diagnosis, reminder and voice broadcast.

LARGE-CAGE CONSTRUCTION HOIST

TECHNICAL DATA

MODEL	SC200/200B-CBPI
RATED LOAD (KG)	2×2000
RATED SPEED (M/MIN)	0-63
MOTOR POWER (KW)	2×3×18.5
MAST SECTION (MM)	650×900

- ◎ Cage dimension:4.8m×1.9×2.5m.
- ◎ 650*900mm mast section.more safety and reliable.
- ◎ Specific frequency-converter and electric control system with energy-feedback.
- ◎ Face recognition authentication, intelligent credit card management.
- ◎ Integrated display of working status, with fault diagnosis, reminder and voice broadcast.
- ◎ Intelligent speed regulation technology improve the operating efficiency(heavy load with low speed, light load with high speed).
- ◎ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.
- ◎ Automatic selection-layer, easy to operate.
- ◎ Customized.

ELEVATING WORK PLATFORM

TECHNICAL DATA

MODEL	Single Mast Guide	Double Mast Guide
	SCP200/12D	SCP400/30S
RATED LOAD (KG)	2000	4000
RATED SPEED (M/MIN)	0-7	0-7
MOTOR POWER (KW)	1×2×3	2×2×3
RATED CARRYING PERSON	3	6
MAST SECTION (MM)	650×650	650×650

- ◎ The length and width of the platforms can be adjusted to meet different requirements.
- ◎ Modular design, easy to install and disassemble.
- ◎ With anti-fall safety device and overload protection device.
- ◎ with manual release device.
- ◎ VF control, smooth starting and braking, low mechanical wear and failure rate, high reliability.