



"Kule Vincin Parlayan Yıldızı"

ÜRÜN KATALOĐU



www.starcrane.com.tr

HAKKIMIZDA

Kule Vincin Parlayan Yıldızı!

Star Crane, 20 yılı aşkın sektör tecrübesi ve yenilikçi yaklaşımıyla, inşaat sektöründe ihtiyaç duyulan güçlü ve güvenilir kule vinç çözümleri sunan öncü bir Türk markasıdır. Kurulduğumuz günden bu yana, yüksek kaldırma kapasiteleri ve dayanıklı tasarımlarıyla tanınan vinçlerimiz, Türkiye'deki ve uluslararası projelerdeki müşterilerimizin güvenini kazanmıştır.

Türkiye'deki operasyonlarımız, geniş makine parkımız ve uzman teknik ekibimizle, sıfır ve 2. el kule vinç satışından kiralamaya, teknik servisten yedek parça hizmetine kadar geniş bir yelpazede hizmet sunuyoruz. Tüm üretim süreçlerimizi CE Sertifikası ile gerekli kalite ve güvenlik standartlarına tam uyum sağlıyoruz.

Her projeye uygun, güvenilir ve yüksek performanslı kule vinçlerimizle, inşaat süreçlerini daha verimli hale getirmek için çalışıyoruz.

Misyonumuz: İnşaat sektöründe yenilikçi, güçlü ve güvenilir kule vinç çözümleri sunarak, projelerin güvenli ve verimli bir şekilde tamamlanmasına katkıda bulunmak.

Vizyonumuz: Yerli ve uluslararası pazarda lider bir kule vinç markası olarak tanınmak ve müşterilerimizin ihtiyaçlarına uygun en iyi hizmeti sunmak.

Star Crane olarak, kaliteli hizmet anlayışımızla sektörün en güvenilir çözüm ortağı olmaya devam ediyoruz.





Kule Vinç ve Daha Fazlası



1 SATIŞ



3 KİRALAMA



4 TEKNİK SERVİS



2 YATIRIMCI AĞI



5 YEDEK PARÇA



Star Crane'e yatırım yaparak, yalnızca bir kule vinç değil, aynı zamanda kesintisiz **üst düzey operasyonel destek** hizmetlerine sahip olursunuz.

Türkiye ve çevre ülkelerde 7/24 sunduğumuz kapsamlı **Satış, Yatırımcı Ağı, Kiralama, Teknik Servis, Yedek Parça ve Depolama** hizmetleriyle projelerinizin aksamadan devam etmesini sağlıyoruz.



6 DEPOLAMA

Star Crane kule vinçler yüksek performans ve uzun ömür için tasarlanmıştır. Tasarımlar çeşitli ve zorlu şantiye koşullarındaki deneyime dayanmaktadır. Müşterilerimize talep ettikleri hızı, hassasiyeti ve güvenilir çalışmayı sunmak için çabalyoruz.

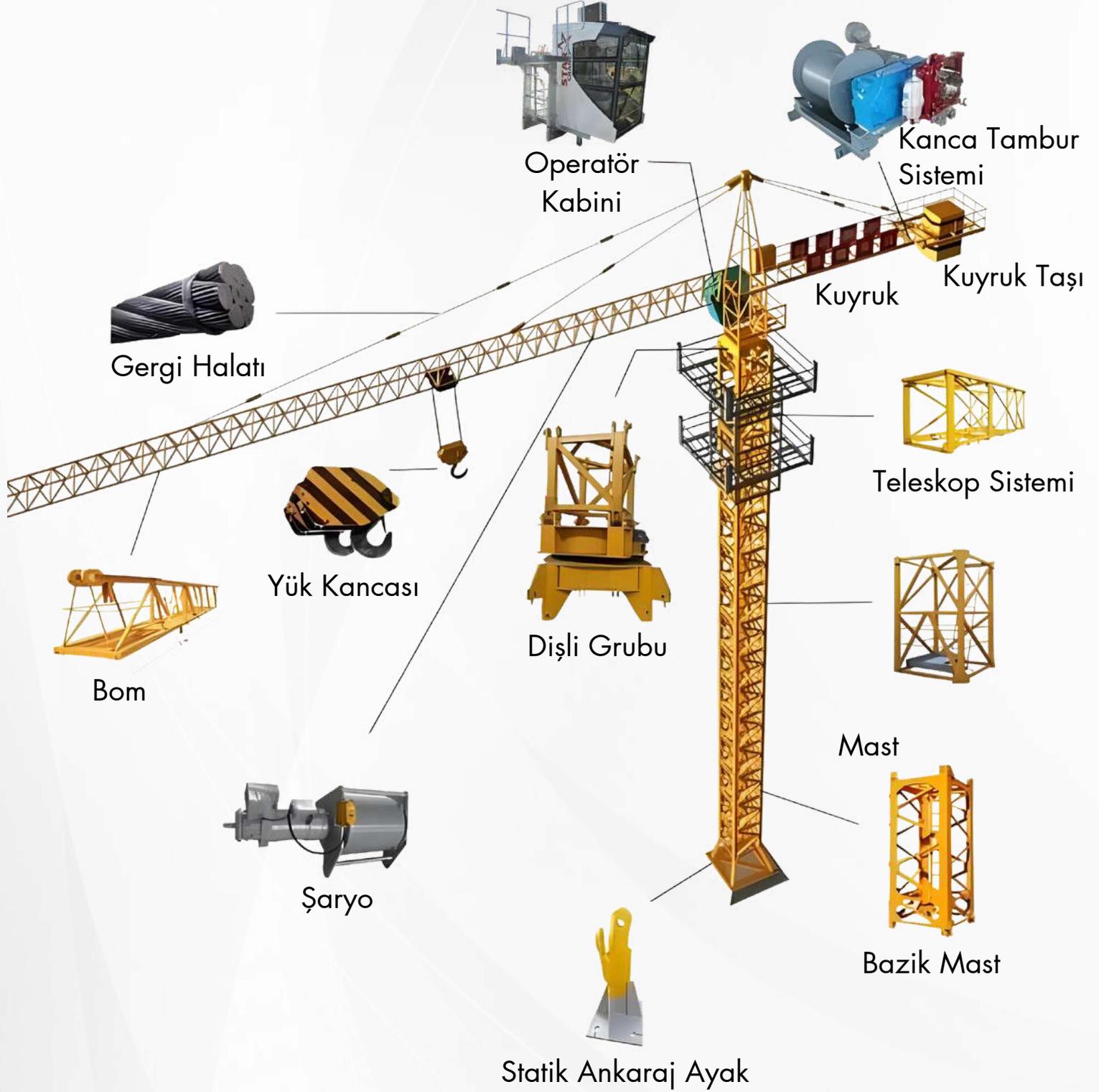
Model	Maksimum Kapasite	Serbest Duruş	Bom Uzunluğu	Bom Ucu Kapasitesi
STR 5013	5 ton	36 mt	50 mt	1.300 kg
STR 6515	8 ton	50 mt	65 mt	1.500 kg
STR 6024	10 ton	60 mt	60 mt	2.400 kg
STR 6518	10 ton	45 mt	65 mt	1.800 kg
STR 6520	10 ton	65 mt	65 mt	2.000 kg

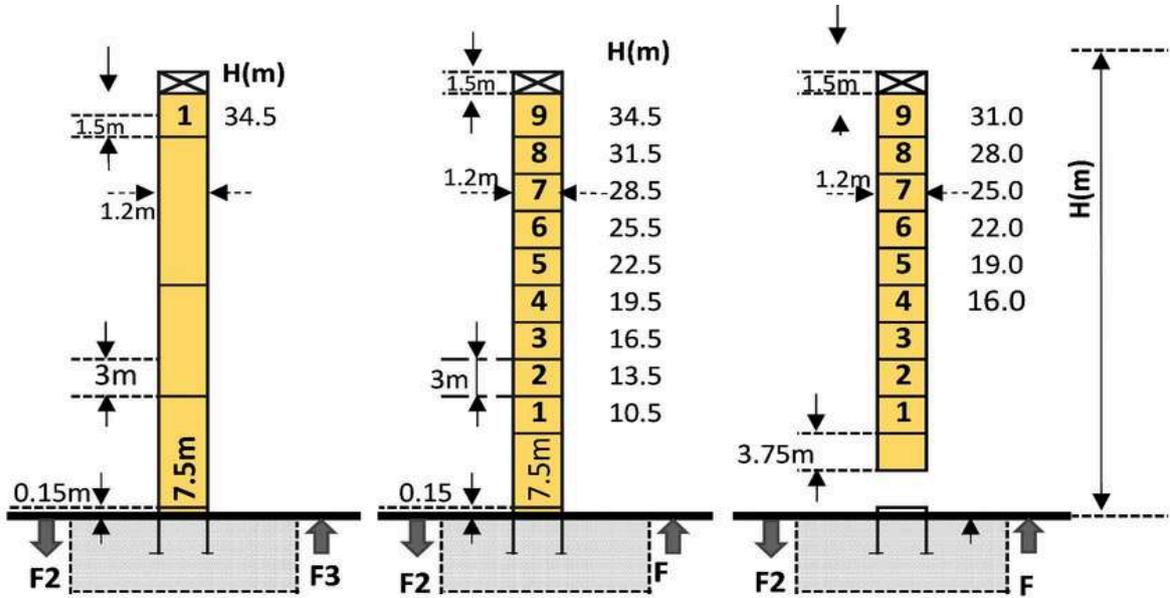


Star Crane Kule Vinçlerinin ürün yelpazesi 5 tondan 50 tona kadar olan Flat Top, Topless'den ve Luffing Jib kule vinç modellerden oluşmaktadır.



KULE VİNÇ BÖLÜMLERİ



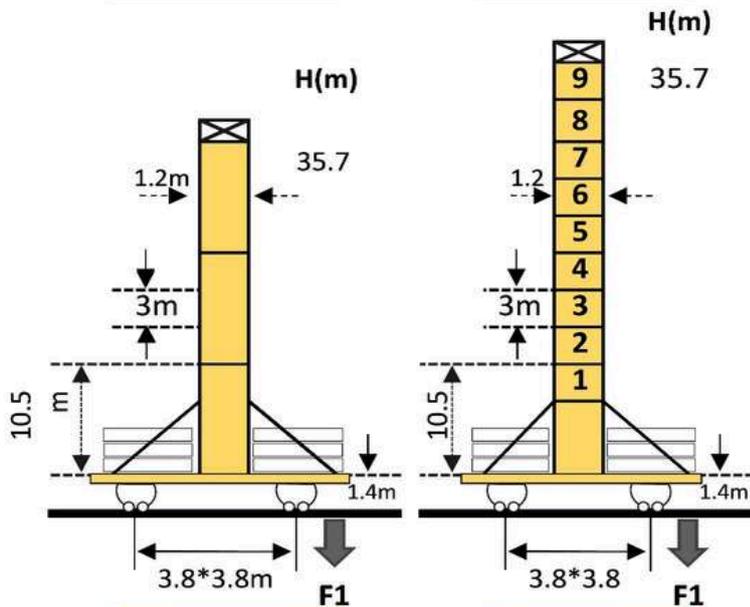


P 12C	
F2	● 76.0t
	■ 91.0t
F3	● 56.0t
	■ 73.0t
👤	22.0t

P 12C	
F2	● 76.0t
	■ 91.0t
F3	● 56.0t
	■ 73.0t
👤	22.0t

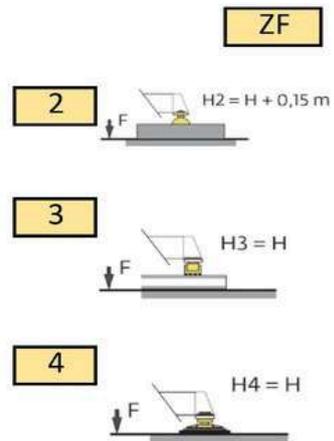
B125A

F=Reactions

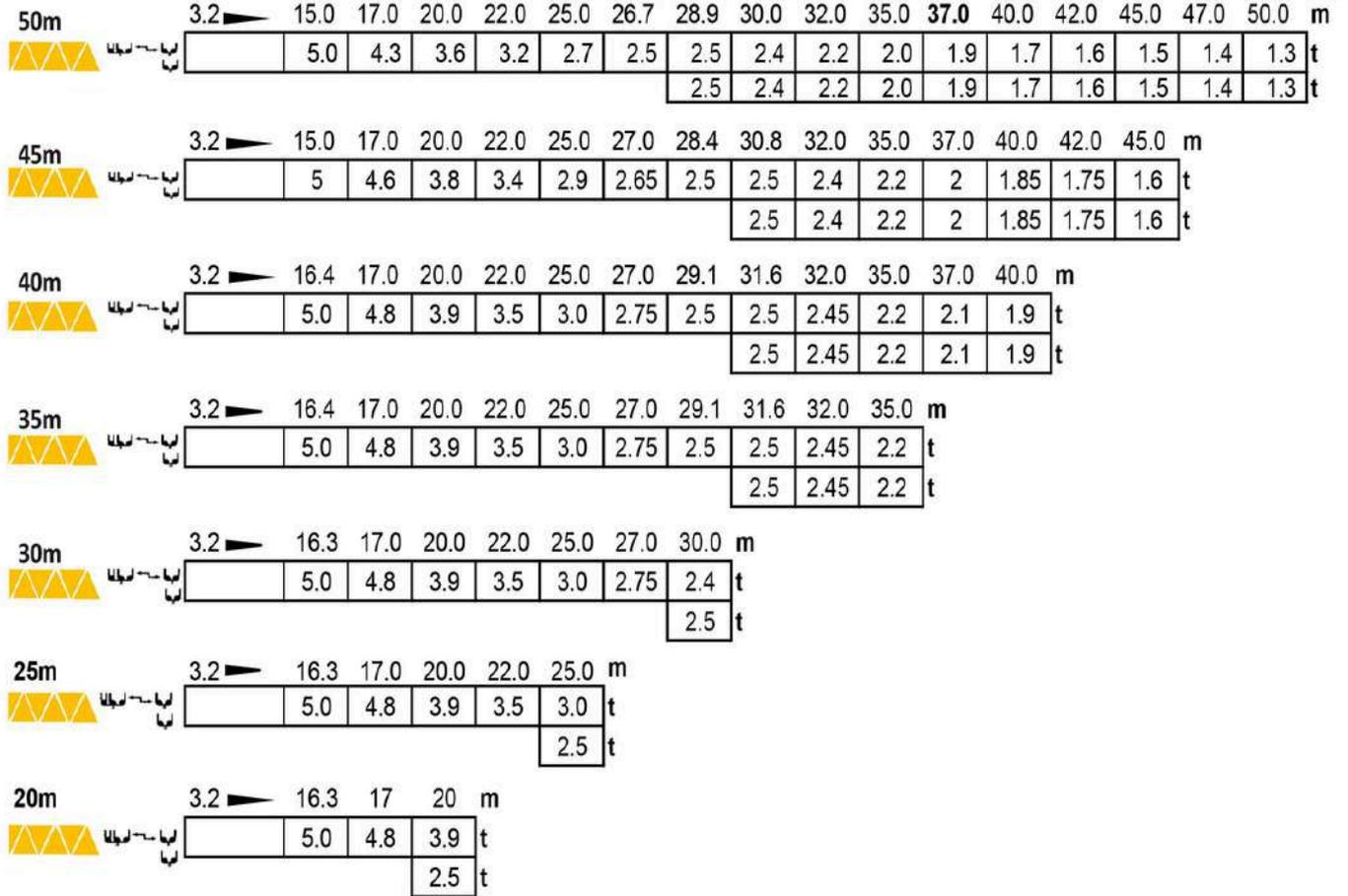


ZF12A	
F1	● 44.0t
	■ 53.0t
👤	27.5t

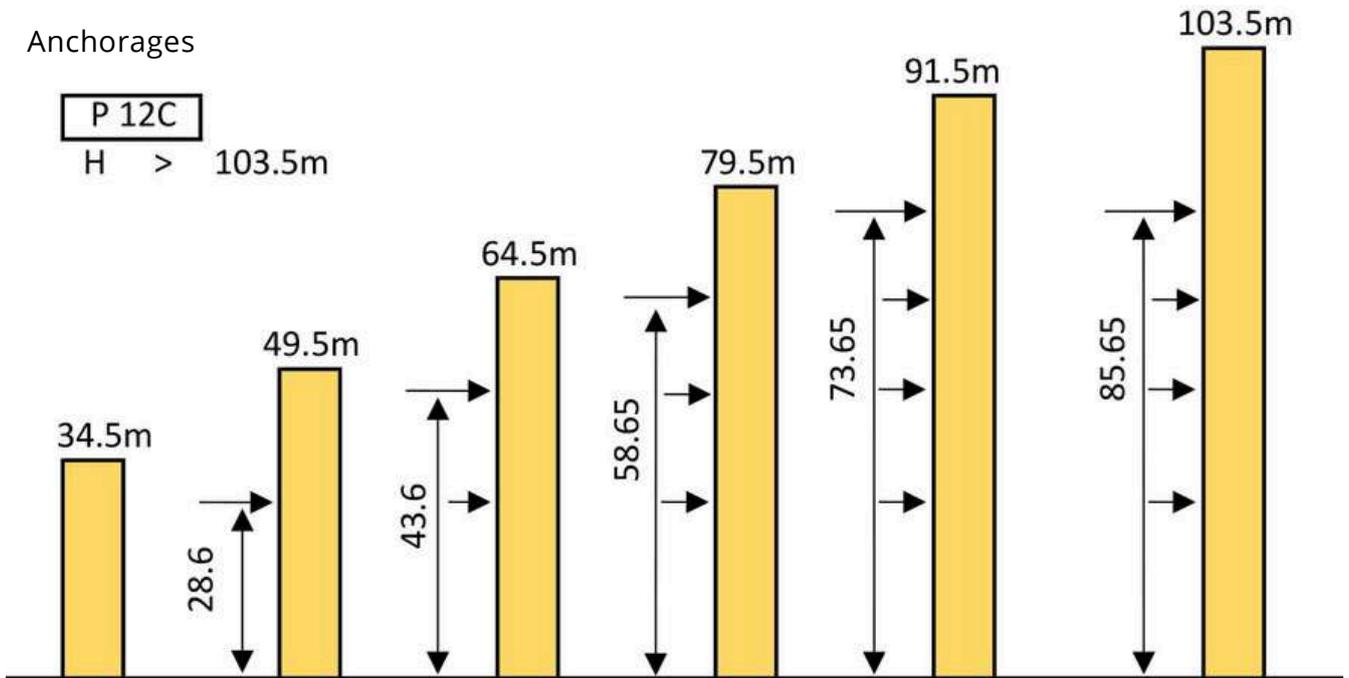
ZF12A	
F1	● 44.0t
	■ 53.0t
👤	27.5t



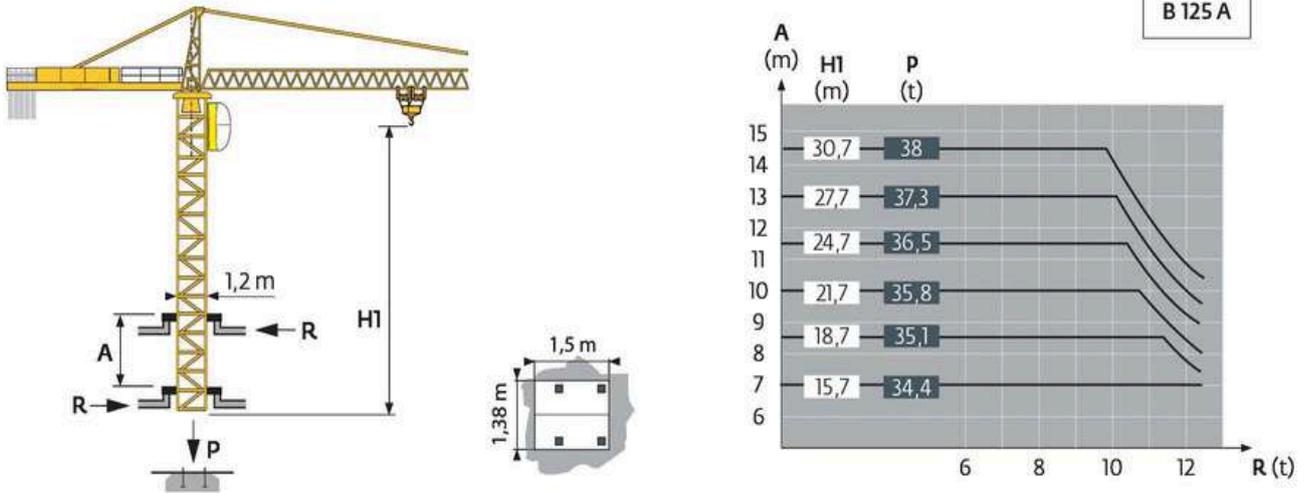
Loading Diagrams



Anchorage

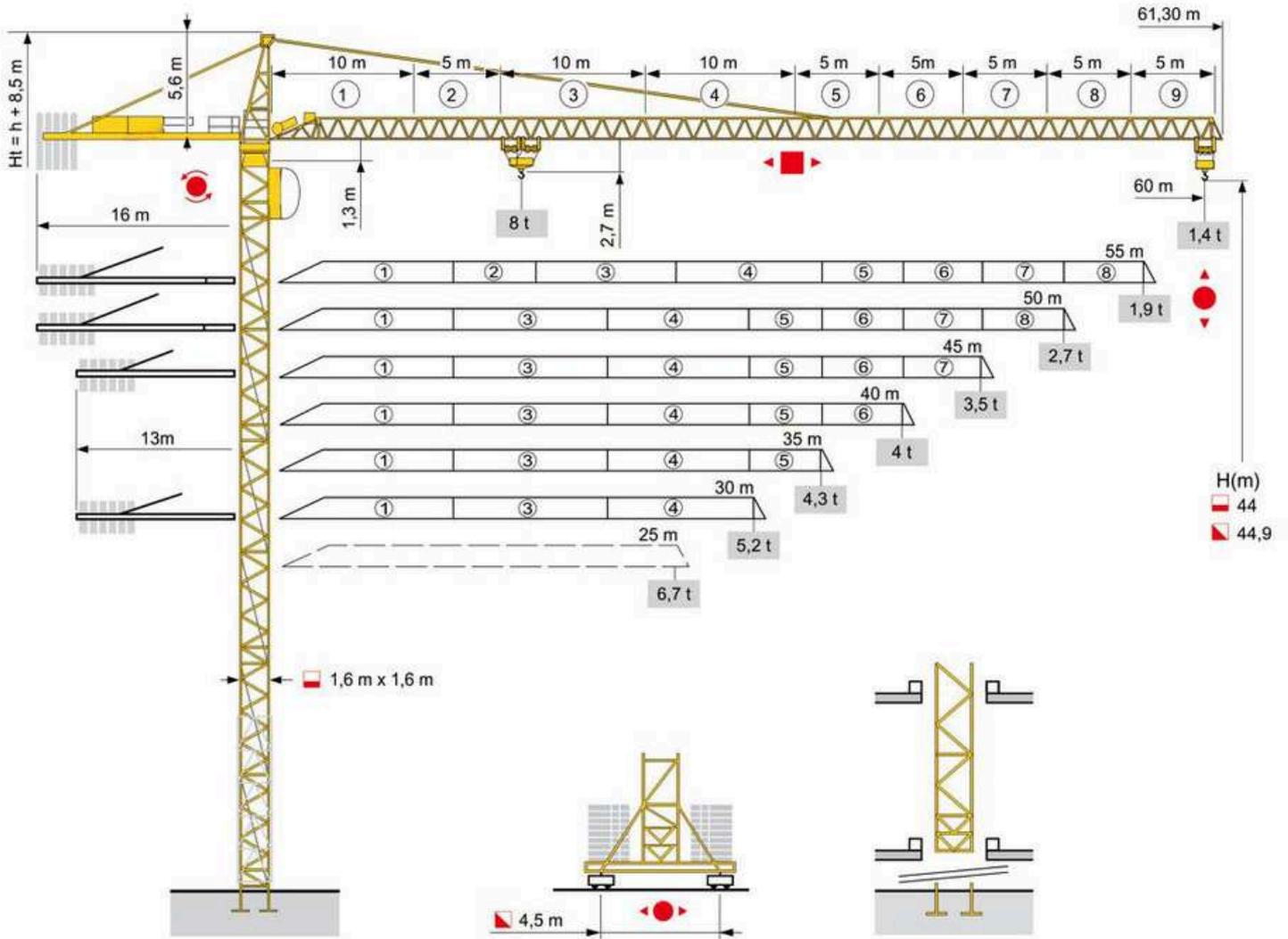


Climbing Crane

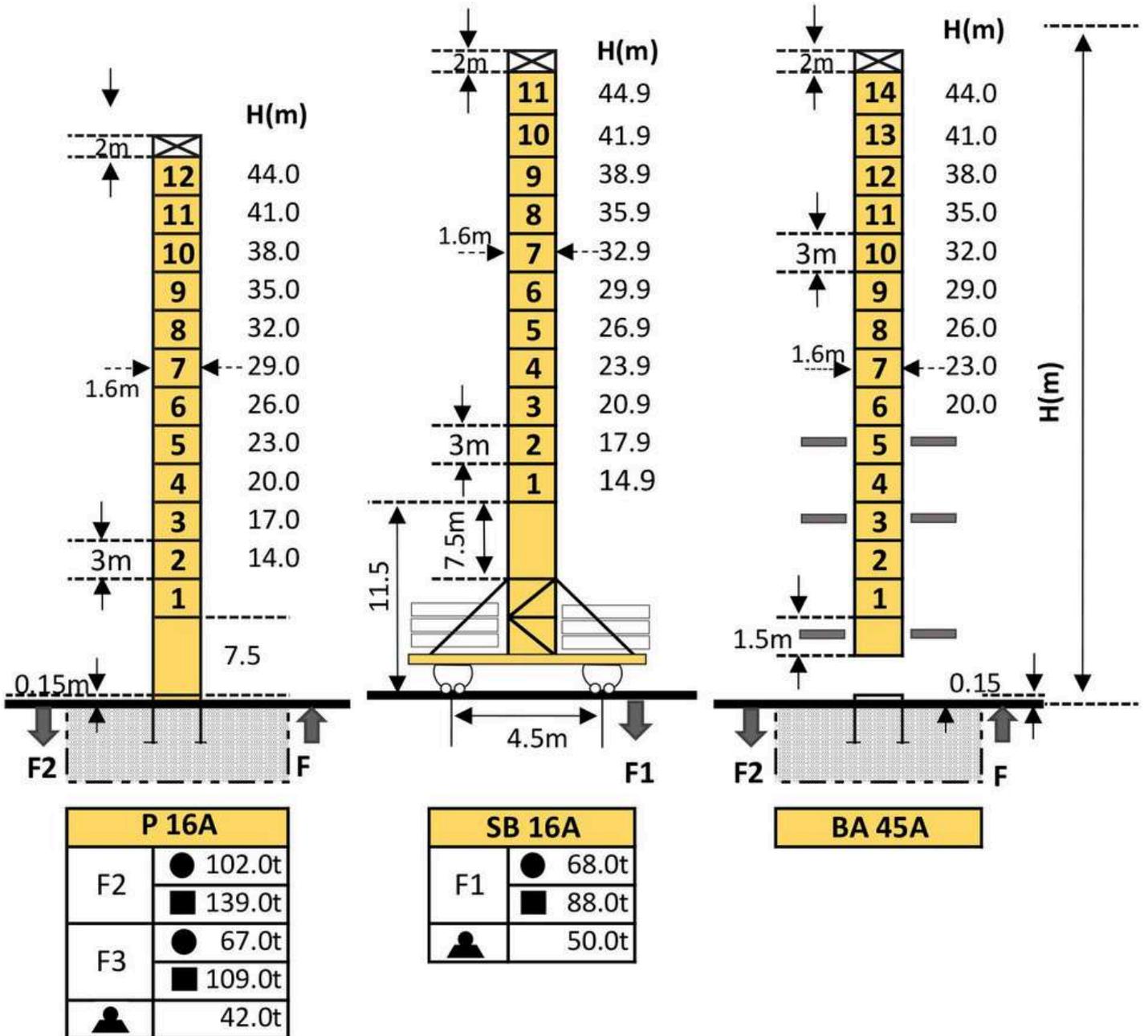


Mechanisms

Items	Mechanisms	Speed/Hoist weight				Rope Capacity	Motor(KW) 400V 50Hz
		M/min	t	M/min	t		
Hoisting	25LVF13 25PC13	↓ ↑		↓ ↑		360m	18.5
		6	2.5	3	5		
		34	2.5	17	5		
		67	1.3	33.5	2.6		
Trolley	4D3VE	15~30~58m/min					3
Slewing	RCV60	0-0.8rpm					5.8
Traveling	TVD324 C1	12.5-25m/min					2*5.2
Necessary Electric Power		30KVA					
Items	Mechanisms	Speed/Hoist weight				Rope Capacity	Motor(KW) 480V 60Hz
		M/min	t	M/min	t		
Hoisting	25LVF13 25PC13	↓ ↑		↓ ↑		360m	24
		7.2	2.5	3.6	5		
		40.8	2.5	20.4	5		
		80.4	1.3	40.2	2.6/2.5		
Trolley	3D2V5	18~39~70m/min					4
Slewing	RCV40	0-0.96rpm					7
Traveling	RTVD324 CI	15-30m/min					2*6.2
Necessary Electric Power		36KVA					
Main electrical components: Schneider (Frequency converter, Contactor, Relay)							

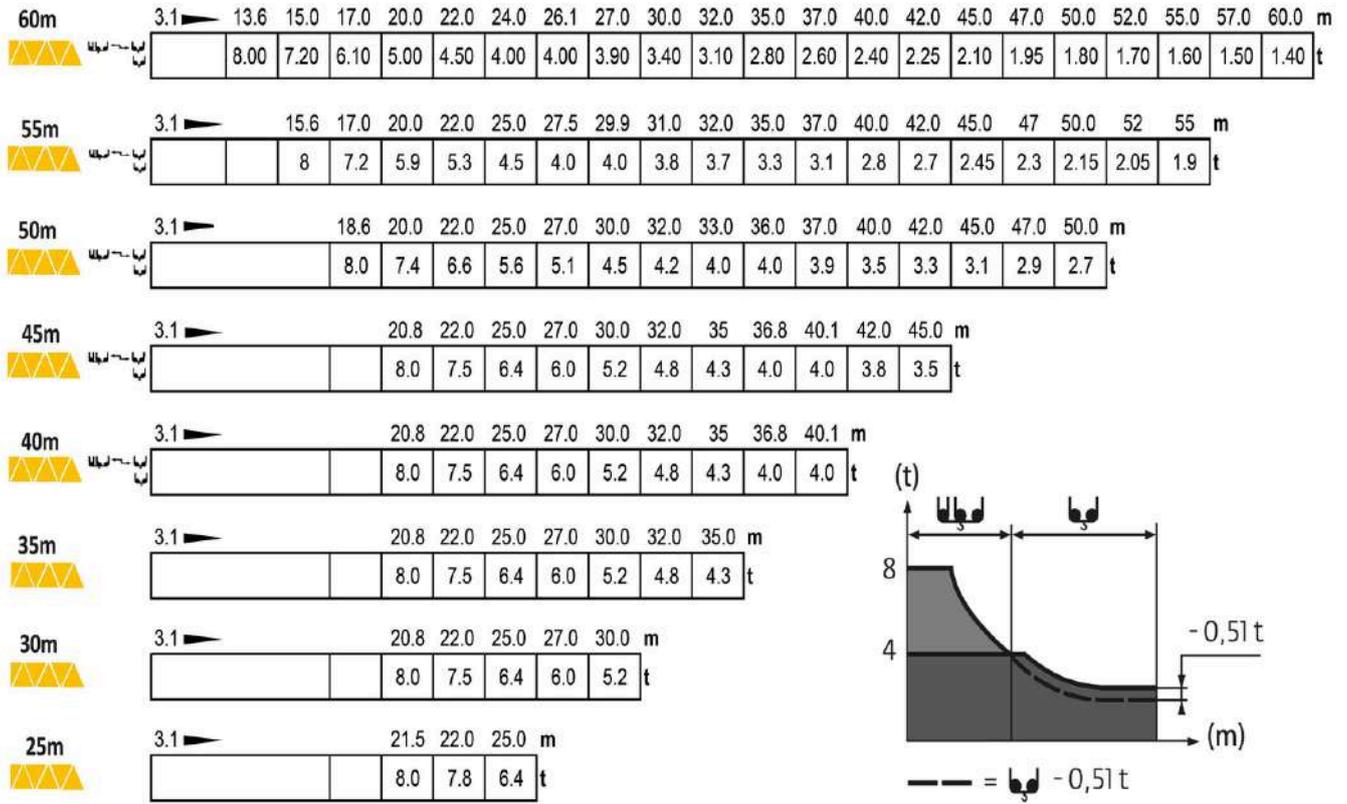


MAST COMPOSITION



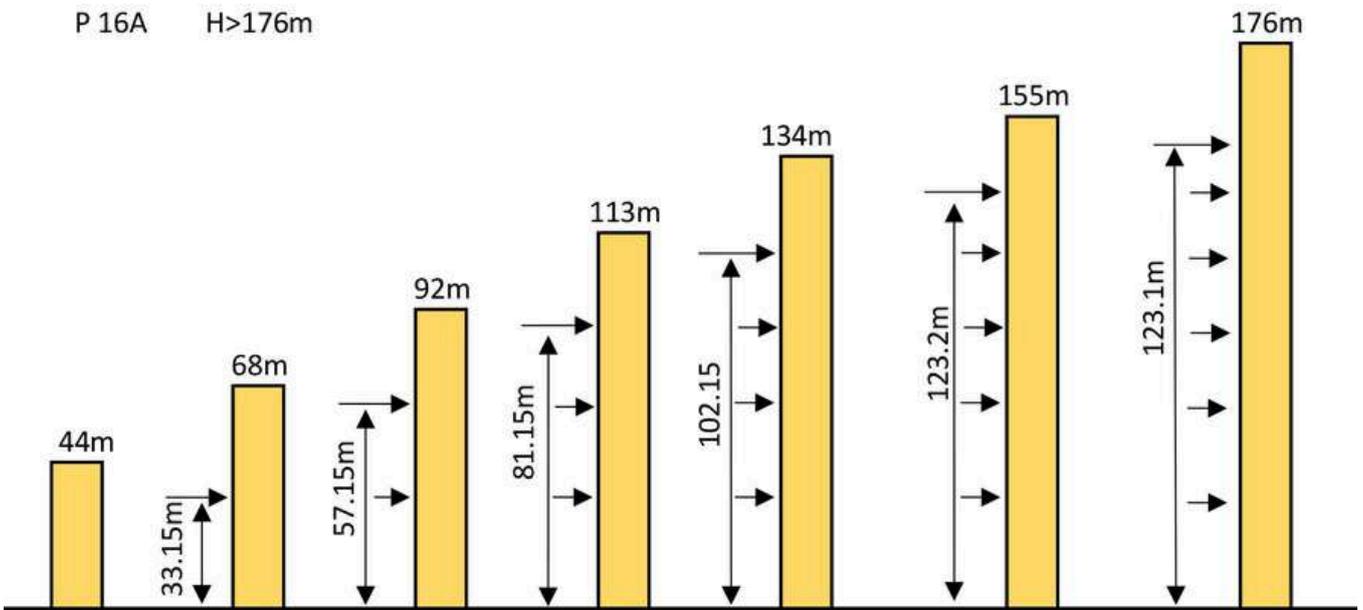
STR 6014-8

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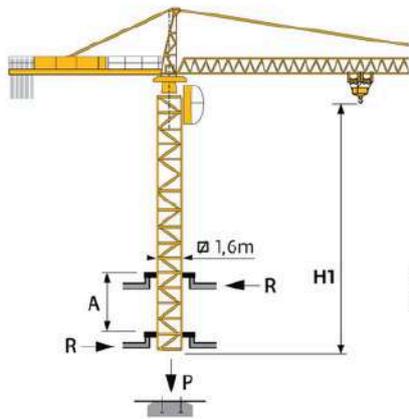
Anchorage

P 16A H>176m



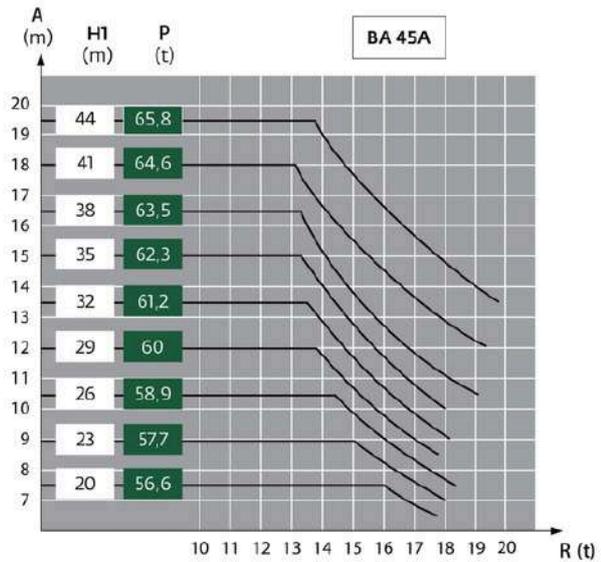
STR 6014-8

Climbing Crane



A 各附着框之间距离
H1 爬升前起升高度
P 工作状态下塔机重量
R 水平反力

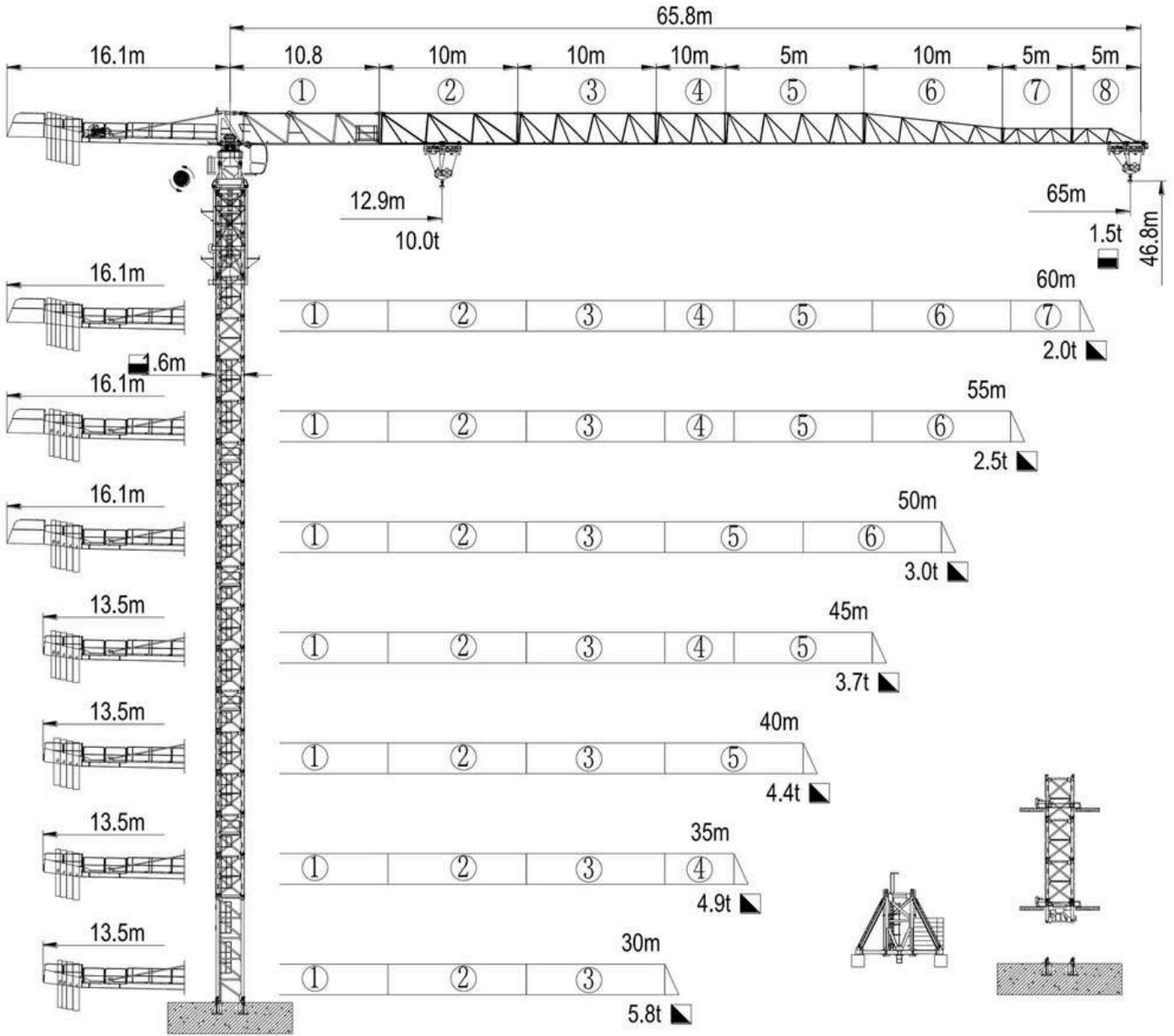
Distance between collars
Crane height
Crane weight (in service)
Horizontal reaction



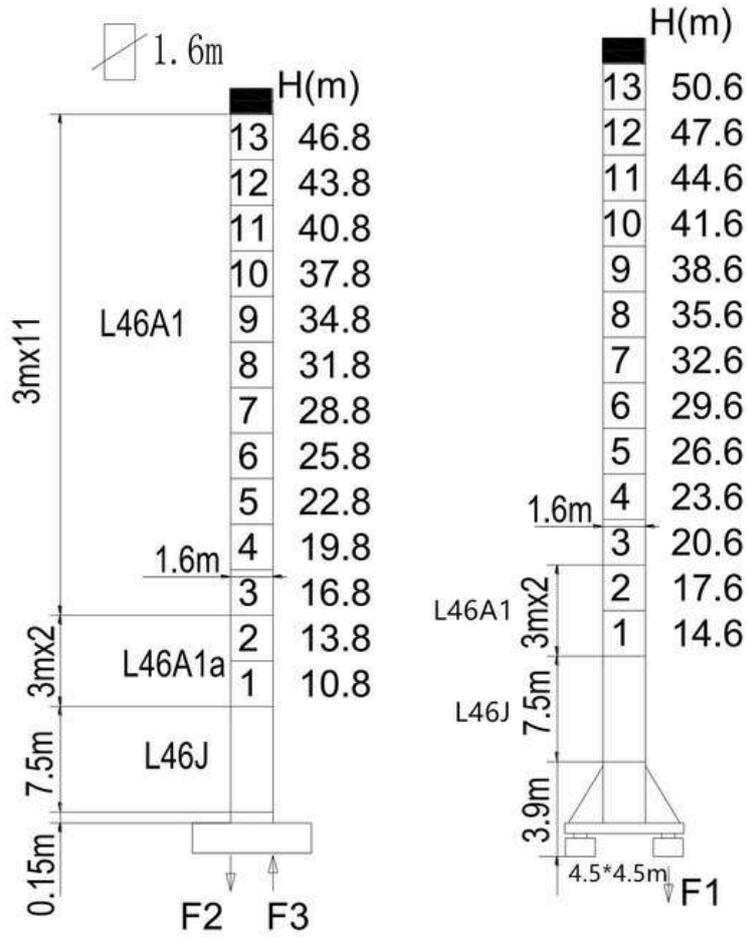
Mechanisms

Items	Mechanisms	Speed/Hoist weight				Rope Capacity	Motor(KW)	
		M/min	t	M/min	t		400V 50Hz	480V 60Hz
Hoisting	40PC20	↑ ↓		↑ ↓		500m	30	36
		6	4	3	8			
		40	4	20	8			
	40LVF20	6	4	3	8	500m	37	36
		40	4	20	8			
		80	2	40	4			
Trolley	5D3V4	15~30~58m/min					3.7	4.4
Slewing	RCV145	0-0.8rpm					2*4.4	2*5.28
Traveling	RT 324 R≥10m	12.5-25m/min					2*5.2	2*6.2
Necessary Electric Power							50KVA	60KVA
Main electrical components: Schneider (Frequency converter, Contactor, Relay)								

STR 6515-10



MAST COMPOSITION



	●	■
F2	161t	137t
F3	127t	108t
○	42.2t	

	●	■
F1	99t	104t
○	49.2t	

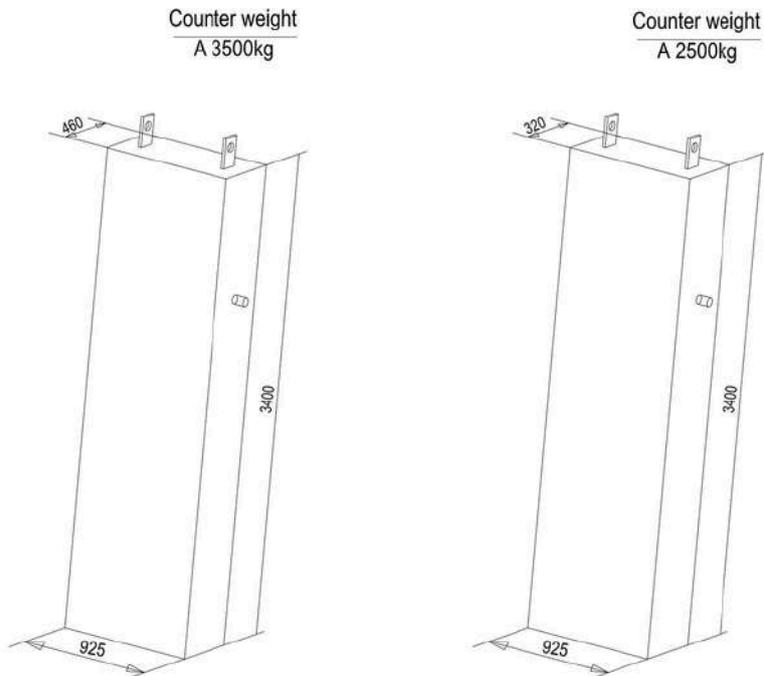
Calculated Wind Pressure		
Hook Height	In work	out of work
0-100m	250Pa	1100Pa
>100m		1300Pa

LOAD CHART

Jib m	倍率 Fall	R (Cmax) m	C (max) t	10	15	20	25	30	35	40	45	50	55	60	65
65	IV	12.9	10.00	10.00	8.40	5.99	4.57	3.64	2.98	2.49	2.11	1.80	1.56	1.35	1.18
	II	24.5	5.00	5.00	5.00	5.00	4.89	3.96	3.30	2.81	2.43	2.13	1.88	1.67	1.50
60	IV	14.6	10.00	10.00	9.76	6.99	5.37	4.30	3.54	2.98	2.54	2.20	1.91	1.68	
	II	28.0	5.00	5.00	5.00	5.00	5.00	4.63	3.87	3.31	2.87	2.52	2.24	2.00	
55	IV	16.0	10.00	10.00	10.00	7.74	5.96	4.79	3.96	3.34	2.87	2.49	2.18		
	II	30.6	5.00	5.00	5.00	5.00	5.00	5.00	4.29	3.67	3.19	2.81	2.50		
50	IV	16.8	10.00	10.00	10.00	8.22	6.34	5.11	4.23	3.58	3.08	2.68			
	II	32.3	5.00	5.00	5.00	5.00	5.00	5.00	4.56	3.91	3.40	3.00			
45	IV	18.0	10.00	10.00	10.00	8.91	6.89	5.56	4.62	3.92	3.38				
	II	34.6	5.00	5.00	5.00	5.00	5.00	5.00	4.95	4.24	3.70				
40	IV	18.6	10.00	10.00	10.00	9.23	7.14	5.77	4.80	4.08					
	II	35.7	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.40					
35	IV	18.9	10.00	10.00	10.00	9.40	7.28	5.88	4.90						
	II	35.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00						
30	IV	18.7	10.00	10.00	10.00	9.27	7.17	5.80							
	II	30.0	5.00	5.00	5.00	5.00	5.00	5.00							

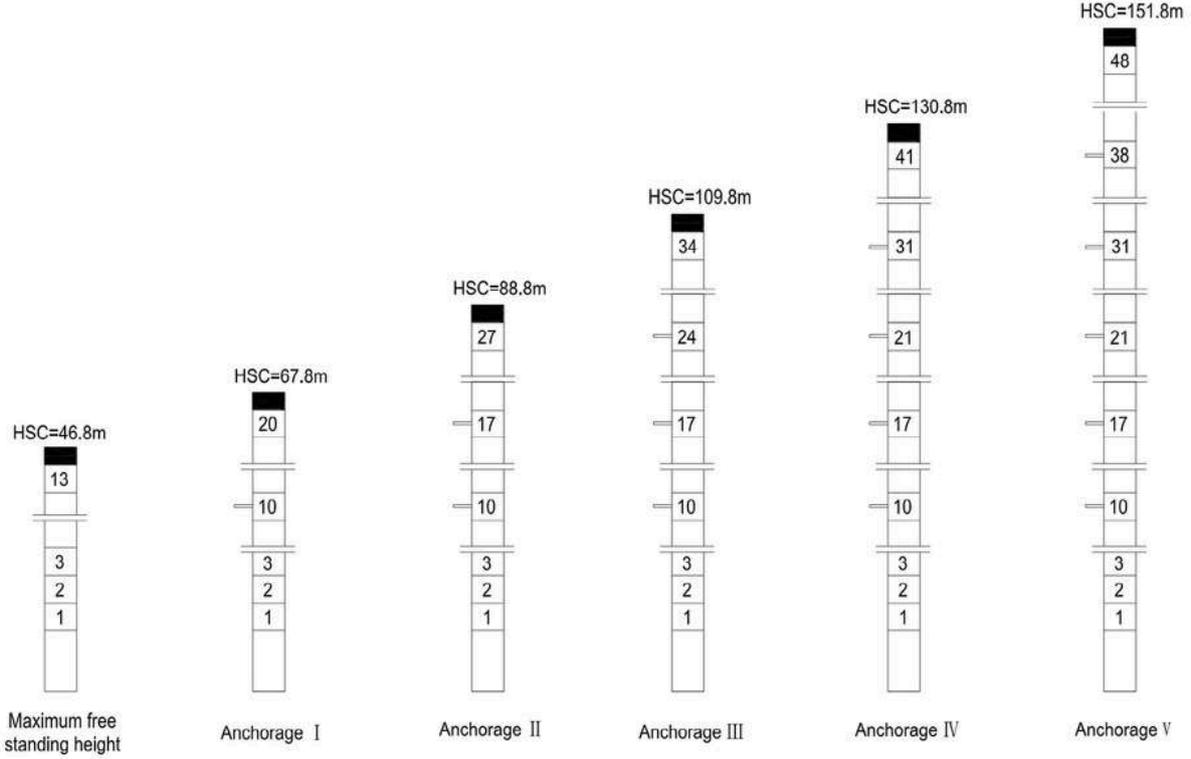
Counter weight

Length of jib (m)		30	35	40	45	50	55	60	65
Type	A(3.5t)	2	3	4	3	3	4	5	5
	B(2.5t)	2	1	0	2	2	1	0	0
Weight (t)		12.0	13.0	14.0	15.5	15.5	16.5	17.5	17.5



STR 6515-10

ANCHORAGE



Ballasting(1.6m)

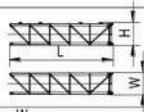
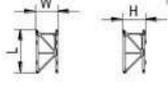
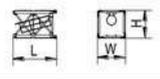
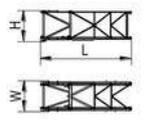
No. of mast	Hook height (m)	Ballast on static chassis	
		Jibs	
		30-65m	
0	11.6	48t	
1	14.6	48t	
2	17.6	48t	
3	20.6	60t	
4	23.6	60t	
5	26.6	60t	
6	29.6	60t	
7	32.6	72t	
8	35.6	72t	
9	38.6	72t	
10	41.6	84t	
11	44.6	96t	
12	47.6	120t	
13	50.6	132t	

DIMENSIONS AND WEIGHT

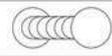
Description		Sketch	L(m)	W(m)	H(m)	Weight per piece(t)	Q'ty
Jib Section	No.1		10.32	1.07	2.51	2.43	1
	No.2		10.27	1.05	2.37	1.62	1
	No.3		10.20	1.05	2.34	1.24	1
	No.4		5.18	1.05	2.31	0.49	1
	No.5		10.15	1.05	2.29	0.80	1
	No.6		10.13	1.05	2.27	0.57	1
	No.7		5.11	1.05	1.16	0.24	1
	No.8		5.05	1.05	1.14	0.20	1
	No.11		1.19	1.21	0.62	0.10	1
Turn table			1.83	1.83	2.29	4.09	1

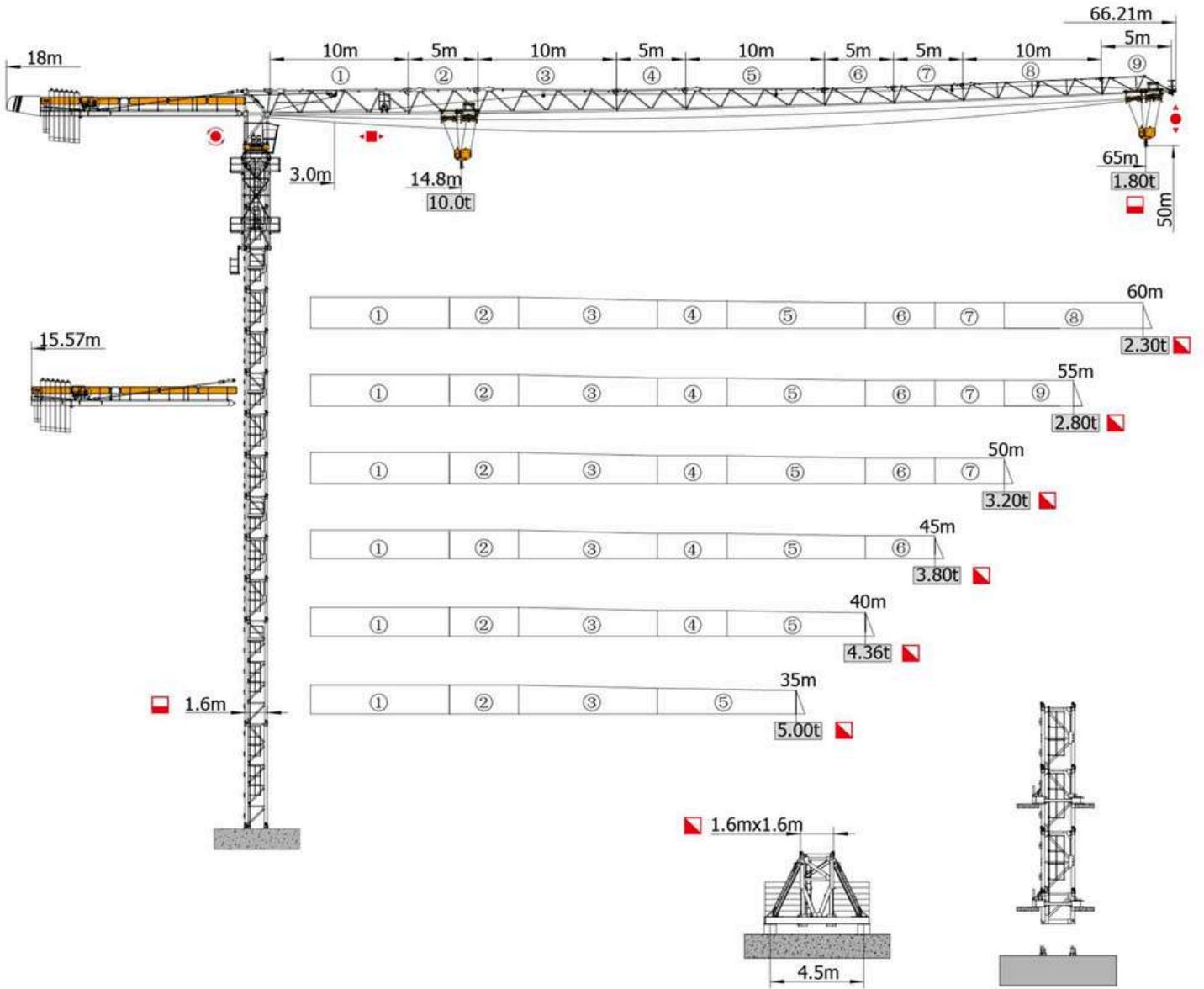
Description		Sketch	L(m)	W(m)	H(m)	Weight per piece(t)	Q'ty
CounterJib			19.82	2.67	2.73	5.85	1
Counter Weight block	Type A		0.46	0.93	3.4	3.50	
	Type B		0.32	0.93	3.4	2.50	
Trolley			2.90	1.72	1.82	0.51	1
Hook			1.26	0.25	1.58	0.28	1

Lower Part(1.6m)

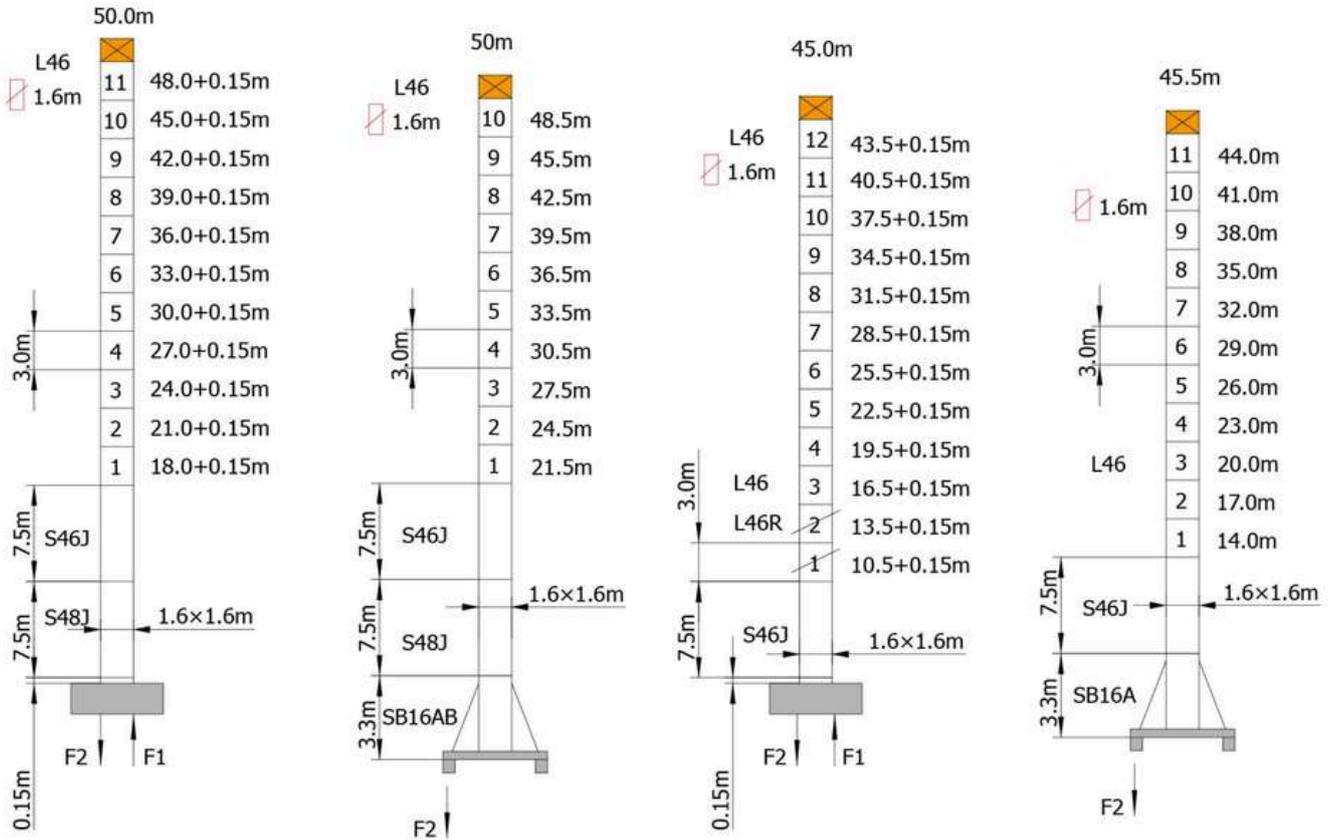
Description	Sketch	L(m)	W(m)	H(m)	Weight per piece(t)	Q'ty
Basic mast		7.75	1.67	1.73	3.10	1
L46A1 mast		3.25	1.67	1.73	1.20	11
L46A1a mast		3.25	1.67	1.73	1.28	2
Climbing cage		6.79	2.31	2.34	3.46	1

MECHANISM

Hoisting 				kw		
	m/min	0-40	0-80	0-20	0-40	45
t	5	2.5	10	5		
Trolleying 	m/min	0-58			5.5kw	
Slewing 	r/min	0.70			2*5.5kw	
Main supply 	380V(±10%)/50Hz					



MAST COMPOSITION



F1	● 79t	○ 133t	
F2	● 118t	○ 167t	48.5t

F1	● —	○ —	
F2	● 81t	○ 103t	52.4t

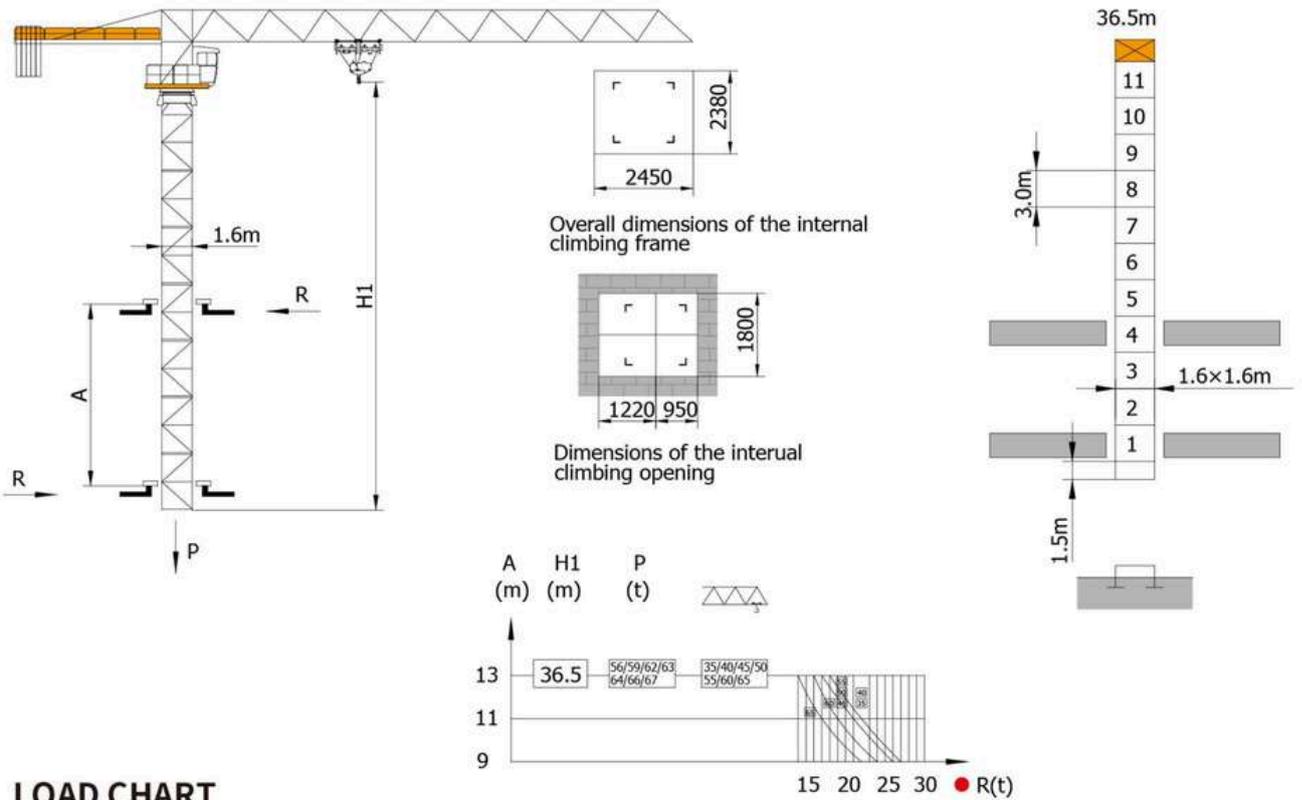
F1	● 60t	○ 100t	
F2	● 91t	○ 131t	45.8t

F1	● —	○ —	
F2	● 75t	○ 80t	49.7t

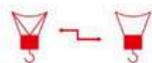
F Reaction	● In service	Without load and ballast with the Longest jib and maximum height
	○ Out of service	

STR 6518-10

INTERNAL CLIMB



LOAD CHART



JIB (m)	Maxi(t)	Range(m)	Reeve	Range(m)/Load Q(t)											
				12	15	20	25	30	35	40	45	50	55	60	65
65	5.00	28.1	II	5.00	5.00	5.00	5.00	4.64	3.87	3.31	2.87	2.52	2.23	2.00	1.80
	10.00	14.8	IV	10.00	9.89	7.07	5.42	4.34	3.57	3.01	2.57	2.22	1.93	1.70	1.50
60	5.00	31.3	II	5.00	5.00	5.00	5.00	5.00	4.40	3.76	3.27	2.88	2.56	2.30	
	10.00	16.5	IV	10.00	10.00	7.99	6.16	4.95	4.10	3.46	2.97	2.58	2.26	2.00	
55	5.00	31.9	II	5.00	5.00	5.00	5.00	5.00	4.77	4.09	3.56	3.14	2.80		
	10.00	17.6	IV	10.00	10.00	8.67	6.69	5.39	4.47	3.79	3.26	2.84	2.50		
50	5.00	32.4	II	5.00	5.00	5.00	5.00	5.00	4.85	4.16	3.62	3.20			
	10.00	17.9	IV	10.00	10.00	8.82	6.80	5.48	4.55	3.86	3.32	2.90			
45	5.00	35.5	II	5.00	5.00	5.00	5.00	5.00	5.00	4.36	3.83				
	10.00	18.6	IV	10.00	10.00	9.22	7.12	5.75	4.78	4.06	3.53				
40	5.00	35.5	II	5.00	5.00	5.00	5.00	5.00	5.00	4.36					
	10.00	18.6	IV	10.00	10.00	9.22	7.12	5.75	4.78	4.06					
35	5.00	35	II	5.00	5.00	5.00	5.00	5.00	5.00						
	10.00	18.6	IV	10.00	10.00	9.22	7.12	5.75	4.78						

STR 6518-10

Counter weight

Jib		35m	40m	45m	50m	55m	60m	65m
Type	A(3.0t)	4	4	5	5	6	6	6
	B(1.0t)	0	2	1	2	0	1	2
Weight(t)		12.0t	14.0t	16.0t	17.0t	18.0t	19.0t	20.0t

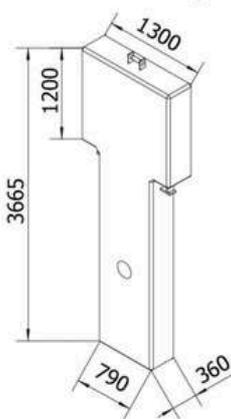
Ballasting

	1.6m						
	35m	40m	45m	50m	55m	60m	65m
50m	—	120	120	120	120	120	120
47m	—	108	108	108	108	108	108
44m	96	96	96	96	96	96	96
41m	96	96	96	96	96	96	96
38m	84	84	84	84	84	84	84
35m	84	84	84	84	84	84	84
32m	84	84	84	84	84	84	84
29m	84	84	84	84	84	84	84
26m	72	72	72	72	72	72	72
23m	72	72	72	72	72	72	72

	1.6m						
	35m	40m	45m	50m	55m	60m	65m
45.5m	96	96	96	96	96	96	96
42.5m	96	96	96	96	96	96	96
39.5m	84	84	84	84	84	84	84
36.5m	84	84	84	84	84	84	84
33.5m	84	84	84	84	84	84	84
30.5m	84	84	84	84	84	84	84
27.5m	72	72	72	72	72	72	72
24.5m	72	72	72	72	72	72	72

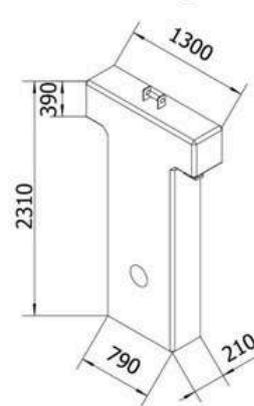
Counter weight

A 3000kg



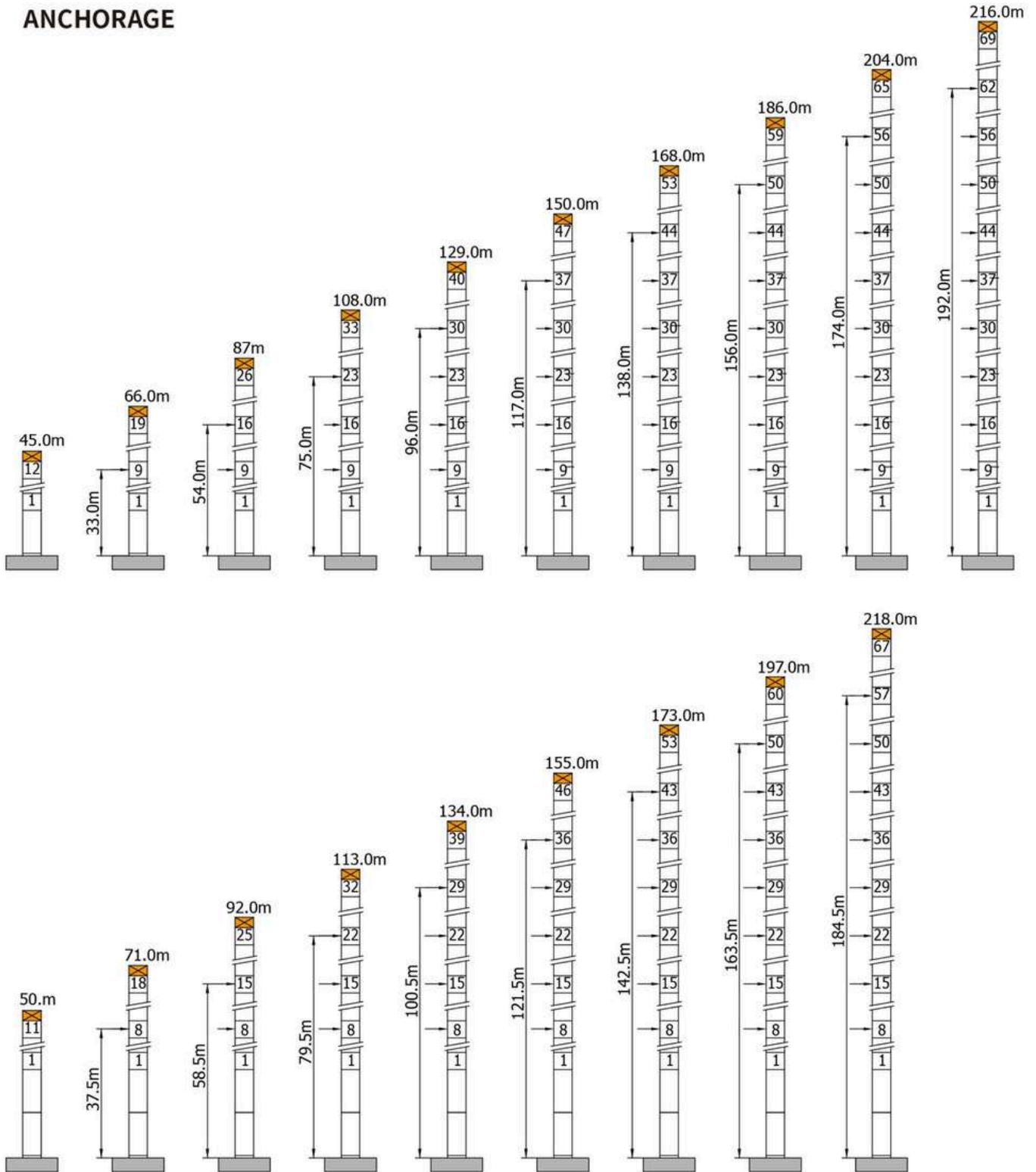
Counter weight

B 1000kg



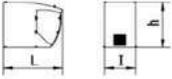
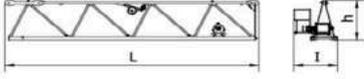
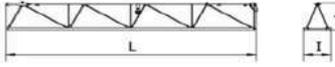
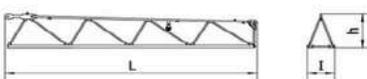
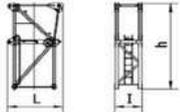
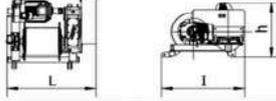
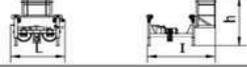
STR 6518-10

ANCHORAGE



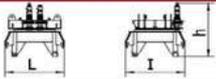
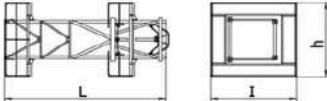
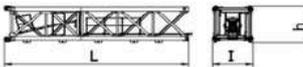
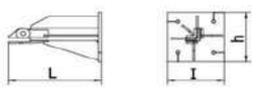
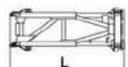
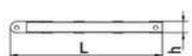
STR 6518-10

DIMENSIONS AND WEIGHT

COMPONENTS WEIGHT AND SIZE		L(m)	I(m)	h(m)	kg(+/-5%)	QTY	
Counter jib		17.0	2.53	1.38	4025	1	
Cabin		2.40	1.25	2.10	700	1	
Jib	 ①	10.28	1.77	1.87	3348	1	
		②	5.24	1.10	1.88	1150	1
		④	5.24	1.10	1.59	819	1
		⑥	5.23	1.10	1.32	531	1
		⑦	5.20	1.10	1.30	451	1
		⑨	5.18	1.10	1.30	259	1
	⑧		10.15	1.10	1.27	628	1
	③		10.30	1.10	1.88	1792	1
	⑤		10.22	1.10	1.57	1284	1
Top mast		2.26	1.11	4.00	1738	1	
Hoist winch	 50QP25HB-RG6	1.52	1.42	1.08	1300	1	
Double trolley	Front		1.47	1.82	1.42	260	1
	Rear		1.47	1.28	0.96	192	1
Double hook	Main hook		0.8	0.26	1.58	215	1
	Small hook		1.08	0.26	0.8	134	1

STR 6518-10

DIMENSIONS AND WEIGHT

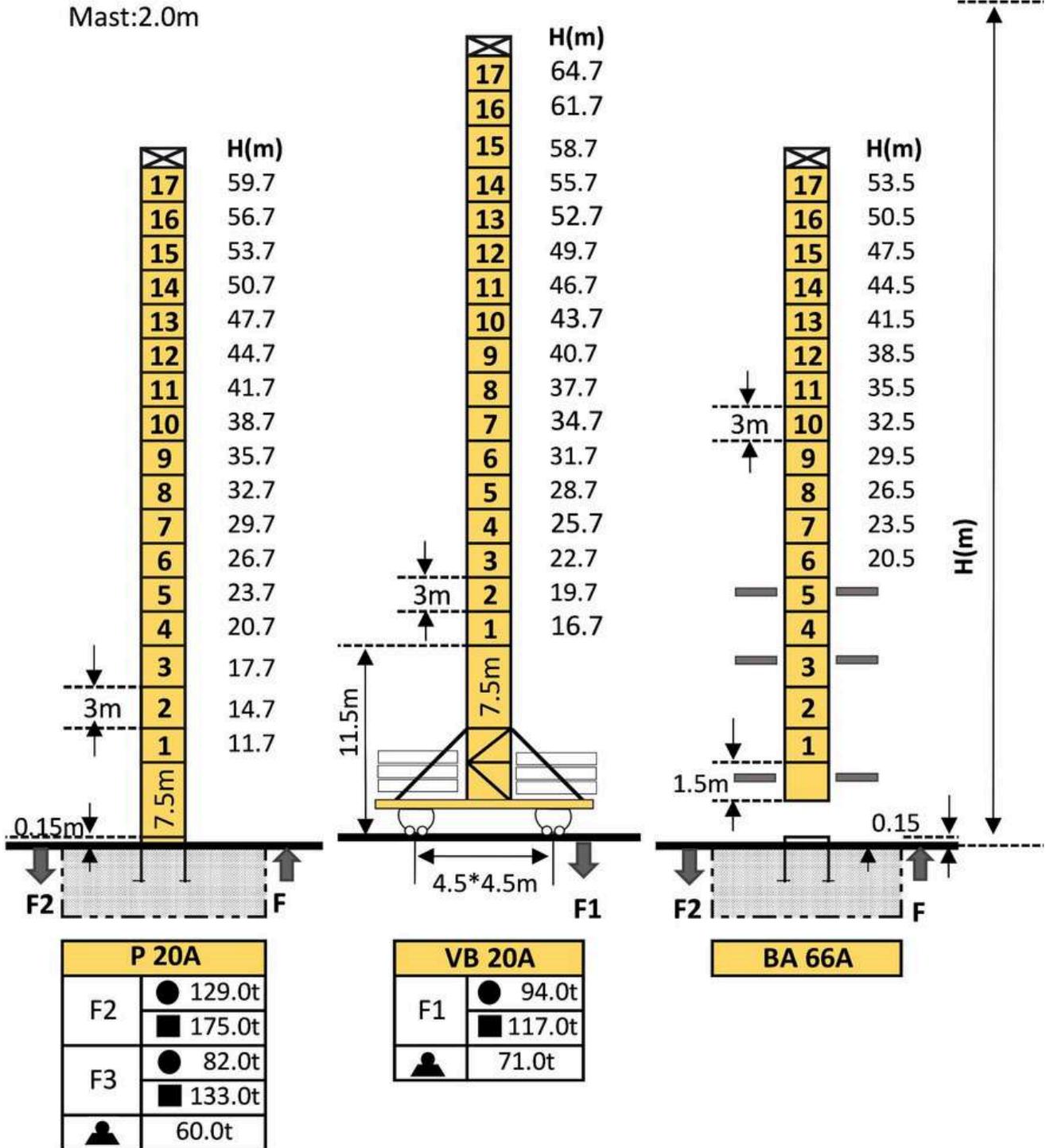
COMPONENTS WEIGHT AND SIZE		L(m)	I(m)	h(m)	kg(+/-5%)	QTY
Slewing		2.10	2.10	2.30	4464	1
Telescoping cage		7.38	3.63	3.63	3642	1
Basic mast	S46J 	7.80	1.74	1.74	3092	1
Basic mast	S48J 	7.80	1.74	1.74	3574	1
Mast section	L46 	3.24	1.74	1.74	1180	11
	L46R 	3.24	1.74	1.74	1240	2
Fixing angle	P20A 	1.30	0.6	0.6	290	4
Chassis	SB16A 	4.80	2.01	2.01	2645	1
	SB16AB 	4.80	2.01	2.01	2895	1
Chassis bearer	SB16A 	5.20	0.70	1.76	1115	2
Strut	SB16A 	4.11	0.26	0.27	230	4
	SB16AB 	4.11	0.26	0.27	250	4

MECHANISM

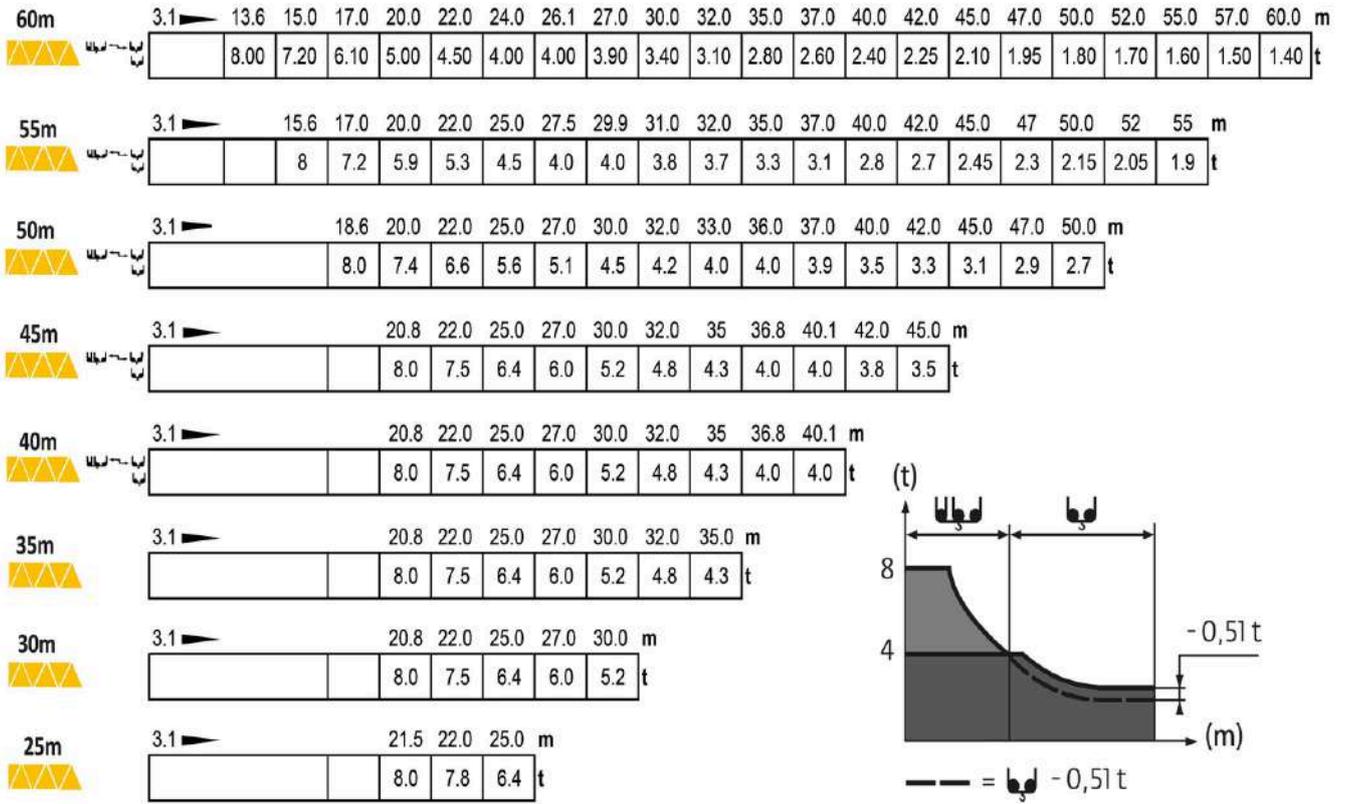
Hoisting							kw			
		m/min	0-40	0-68	0-90	0-20	0-34	0-45	45	560m
		t	5.00	3.00	2.00	10.0	6.00	4.00		
Trolleying		m/min	0-60					5.5		
Slewing		r/min	0-0.6					2x5.5		
Climbing		m/min	0.5					7.5		
Necessary electric Power							70kVA			
Mains supply			380V(+10%-10%)/50Hz							

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MAST COMPOSITION

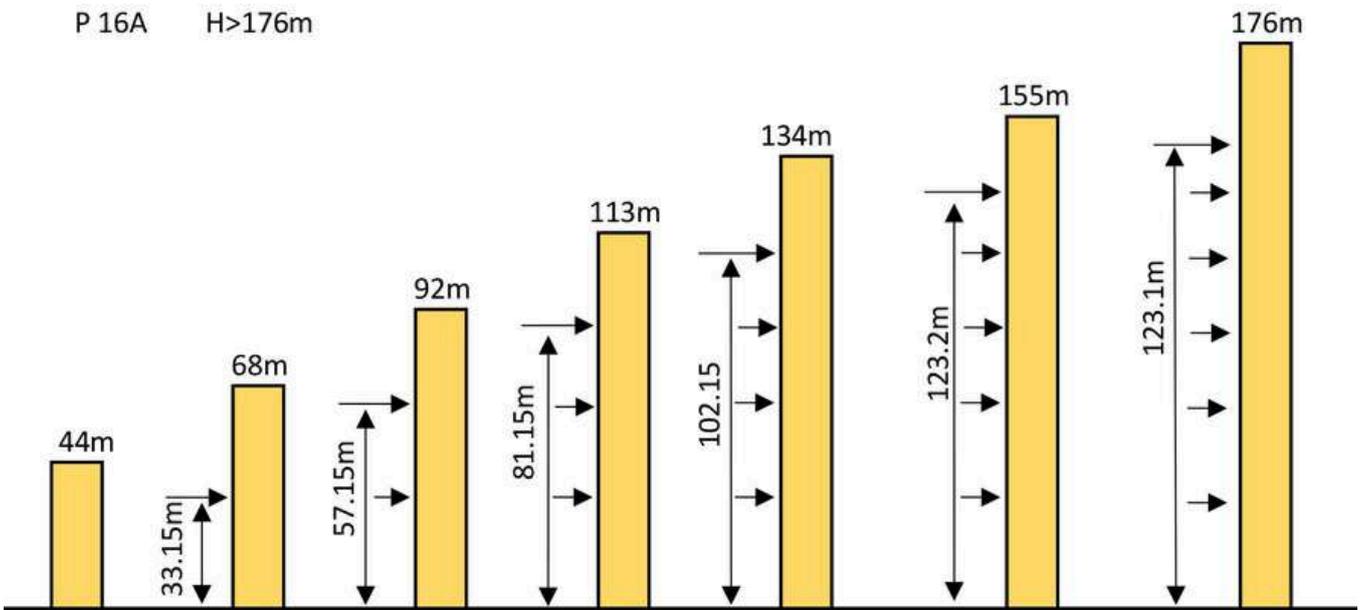


Loading Diagrams



Anchorage

P 16A H>176m





KABİN
CABIN



PANO
PANEL



TAMBUR
WINCH



TAMBUR
WINCH



PANO
PANEL



ŞARYO TAMBURU
TROLLEY WINCH



TAMBUR VE REDÜKTÖR
WINCH & REDUCTOR



SABİT ANKRAJ
STATIC ANGLE



STATIC ANKRAJ KILAVUZU
STATIC ANGLE PATHFINDER



MAST



TAMBUR İÇİ REDÜKTÖR
INTERNAL WINCH REDUCTOR



LCD GÖSTERGE
LCD DISPLAY



"Kule Vincin Parlayan Yıldızı"

Star Crane Türkiye

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