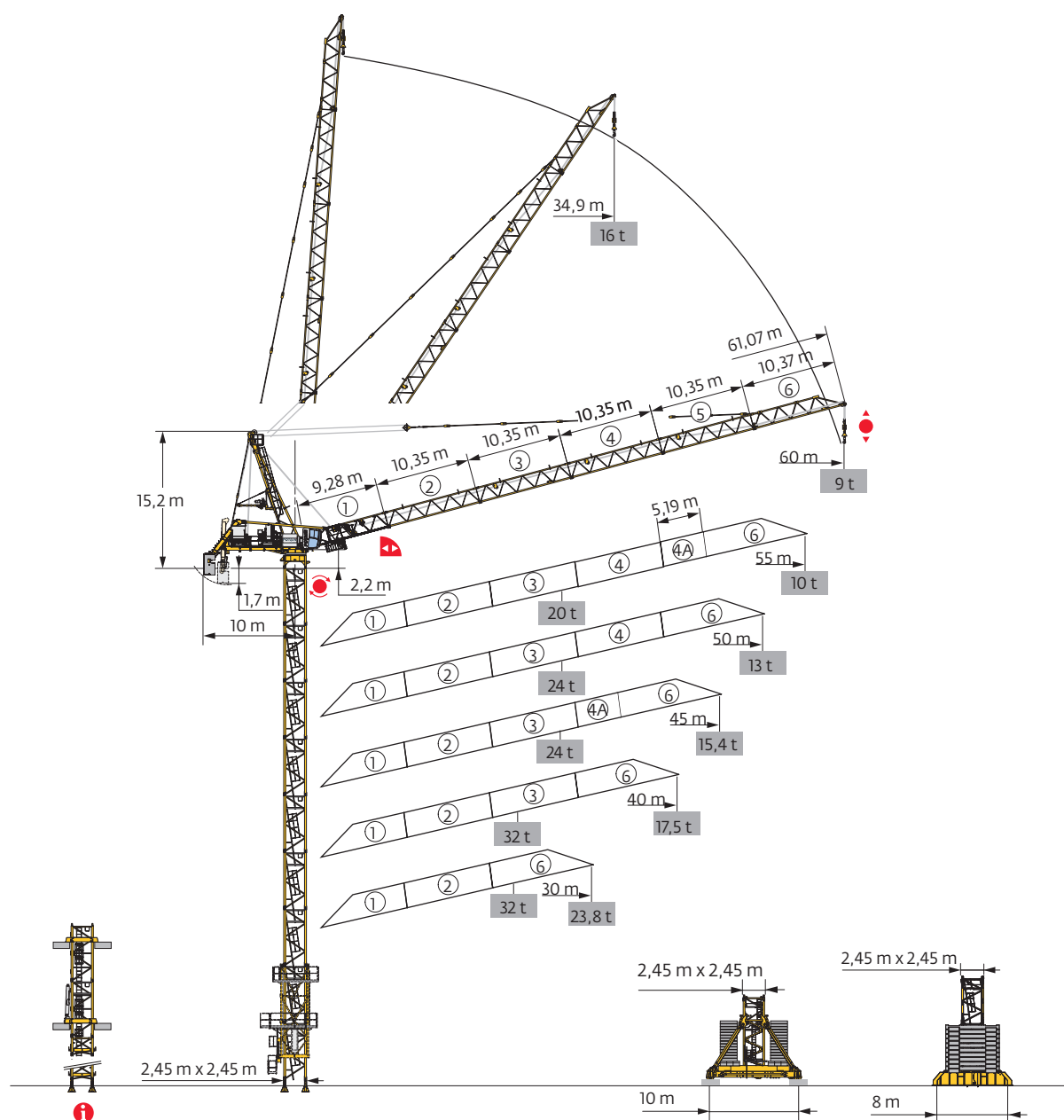
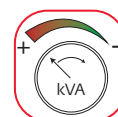


MR 608

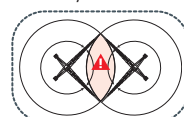


maximcrane.com

Power Control



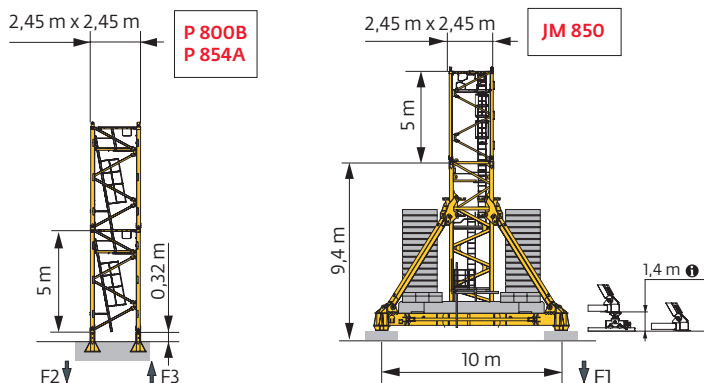
Anti-collision system



2,45 m - P 800B - C25							
ΔΔΔΔ (m)	30	40	45	50	55	60	
↓ (m)	62,3	59	57,3	57,3	55,6	54	
3,33 m	0	2	0	0	1	2	
5 m	12	10	11	11	10	9	
F2 (t)	● 267	284	287	286	290	286	
	■ 346	366	354	387	402	384	
F3 (t)	● 172	187	201	201	203	202	
	■ 267	284	269	303	316	300	
↓ (m) D25	57,3	52,3	50,6	49	45,6	45,6	

2,45 m - P 854A - C25							
ΔΔΔΔ (m)	30	40	45	50	55	60	
↓ (m)	75,6	72,3	70,6	69	67,3	67,3	
3,33 m	1	0	1	2	0	0	
5 m	14	14	13	12	13	13	
F2 (t)	● 315	332	333	324	325	326	
	■ 558	570	557	567	561	567	
F3 (t)	● 208	222	235	231	231	234	
	■ 466	477	459	474	467	476	
↓ (m) D25	65,6	62,3	62,3	57,3	57,3	55,6	

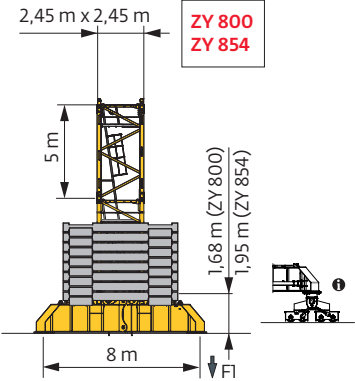
2,45 m - JM 850 - C25							
ΔΔΔΔ (m)	30	40	45	50	55	60	
↓ (m)	76,4	73,1	71,4	73,1	71,4	71,4	
3,33 m	0	2	0	2	0	0	
5 m	13	11	12	11	12	12	
F1 (t)	● 160	171	164	176	177	173	
	■ 205	214	209	237	239	238	
↓ (m) D25	68,1	64,7	61,4	61,4	56,4	58,1	



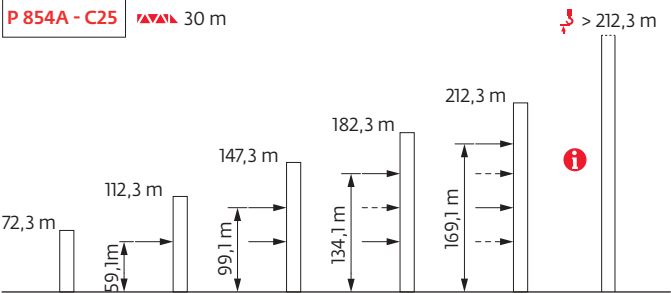
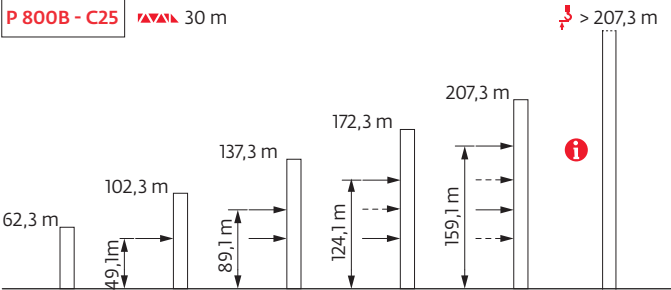
ⓘ Accès motorisés : compositions de mâture, de lest de base et réactions adaptées. / Motorisierter Zugang vom : Mastzusammensetzung, Grundballast und Reaktionskräfte sind angepasst. / Motorized accesses: adapted mast composition, base ballast and reactions. / Accesso a cabina con elevador: Adaptación de composición de mástil, lastre de base y reacciones. / Accessi motorizzati: composizioni elementi torre, zavorre di base e reazioni aggiornate. / Acessos motorizados: composições de coluna, lastro da base e reacções adaptadas. / Лифты : адаптированная композиция мачты, базовый балласт и нагрузки.

2,45 m - ZY 800 - C25							
⚡ (m)	30	40	45	50	55	60	
⚡ (m)	62	37	30,3	32	30,3	37	
3,33 m	1	1	2	1	2	1	
5 m	11	6	4	5	4	6	
F1 (t)	● 152	130	122	118	123	127	
	■ 166	102	102	96	98	101	
⚡ (m) D25	55,3	37	30,3	32	30,3	37	

2,45 m - ZY 854 - C25							
⚡ (m)	30	40	45	50	55	60	
⚡ (m)	73,9	68,9	68,9	65,6	63,9	62,3	
3,33 m	0	0	0	2	0	1	
5 m	14	13	13	11	12	11	
F1 (t)	● 199	199	199	195	193	190	
	■ 262	255	265	262	259	254	
⚡ (m) D25	60,6	55,6	55,6	52,3	50,6	48,9	



Ancrages / Verankerungen / Anchorages / Anclajes / Ancoraggi
Ancoragem / нкeпa



Lest de base / Grundballast / Base ballast / Lastre de base / Zavorra di base
 Lastro da base / Базовый Балласт

⚖️ (t) / 📏 2,45 m - JM 850 - 🏗️ - C25							
📏 (m)	30	40	45	50	55	60	
76,4	156						
73,1	132	180		204			
71,4	120	156	168	180	216	204	
66,4	84	120	120	144	180	168	
61,4	48	84	84	108	132	120	
56,4	48	48	48	60	96	84	
51,4	48	48	48	48	60	48	
46,4	48	48	48	48	48	48	
41,4	48	48	48	48	48	48	
36,4	48	48	48	48	48	48	
31,4	48	48	48	48	48	48	
26,4	48	48	48	48	48	48	

⚖️ (t) / 📏 2,45 m - ZY 800 - 🏗️ - C25							
📏 (m)	30	40	45	50	55	60	
62	108						
37	84	96				60	
32	84	96		72		48	
30,3	84	96	84	72	84	48	
25,3	84	96	84	72	84	48	

⚖️ (t) / 📏 2,45 m - ZY 854 - 🏗️ - C25							
📏 (m)	30	40	45	50	55	60	
73,9	216						
68,9	168	204	216				
65,6	144	180	180	216			
63,9	120	168	156	204	216		
62,3	108	156	144	192	204	216	
57,3	84	96	96	144	156	168	
52,3	72	84	84	84	108	108	
47,3	72	84	84	72	72	72	
42,3	72	84	84	72	60	60	
37,3	72	84	84	72	48	48	
32,3	72	84	84	72	48	48	
27,3	72	84	84	72	48	36	

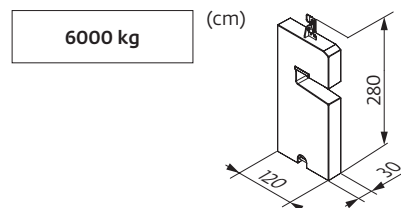
Courbes de charges / Lastkurven / Load curves / Curvas de cargas / Curve di carico
 Curvas de carga / Кривые нагрузок

📏 (m)		20	22	25	27	30	32	35	37	40	41	45	47	50	52	55	m
🏗️	🏗️ 32 t	🏗️															
55	5,3 → 29,1	20	20	20	20	19,3	-	16,4	15,4	14,2	13,8	12,5	11,9	11,1	10,6	10	t
50	4,9 → 28,2	24	24	24	24	22,5	21	19,1	18	16,5	16,1	14,6	13,9	13			t
45	4,5 → 28,4	24	24	24	24	22,8	21,4	19,6	18,6	17,2	16,8	15,4					t
40	4,2 → 22,5	32	32	28,7	26,5	23,7	22,2	20,2	19	17,5							t
30	3,4 → 22,6	32	32	28,8	26,6	23,8											t

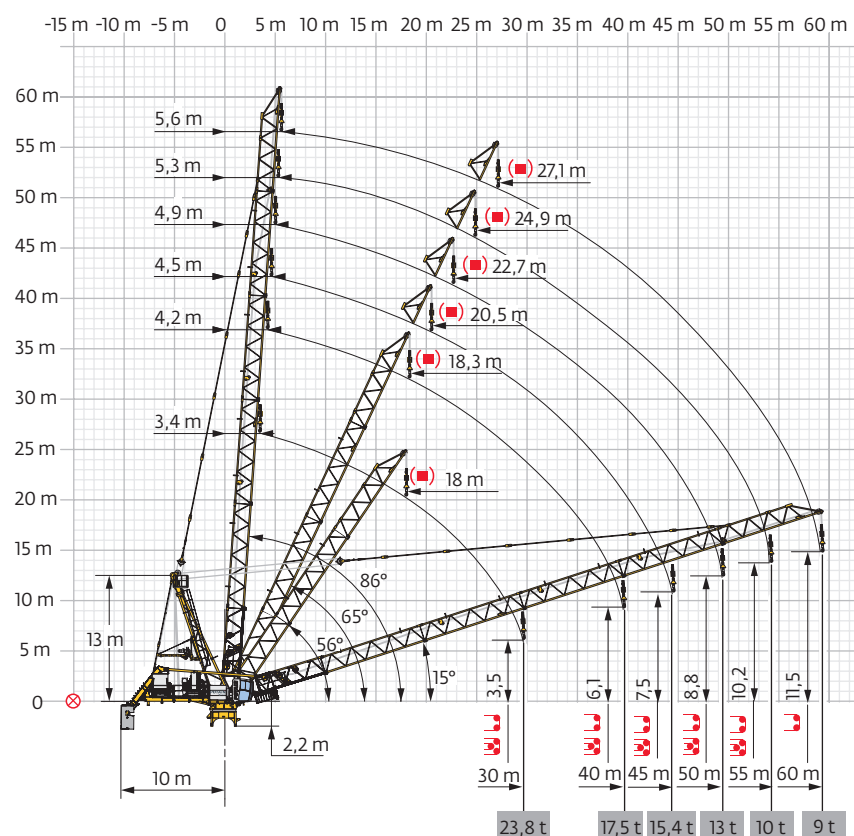
📏 (m)		20	22	25	27	30	32	34	35	37	40	41	45	47	50	52	55	57	60	m
🏗️	🏗️ 16 t	🏗️																		
60	5,6 → 34,9	16	16	16	16	16	16	16	15,9	15	13,9	-	12,2	11,7	10,9	10,5	9,9	9,5	9	t
55	5,3 → 35,2	16	16	16	16	16	16	16	16	15,2	14	13,7	12,4	11,8	11,1	10,6	10			t
50	4,9 → 41	16	16	16	16	16	16	16	16	16	16	16	14,5	13,9	13					t
45	4,5 → 41	16	16	16	16	16	16	16	16	16	16	16	14,7							t
40	4,2 → 40	16	16	16	16	16	16	16	16	16	16									t
30	3,4 → 30	16	16	16	16	16														t

Poids de flèche & lest de contre-flèche / Auslegergewicht & Gegenauslegerballast / Jib weight & counter-jib ballast
 Peso de flecha y lastre de contra-flecha / Peso del braccio & zavorra di contro-braccio / Peso da lança & lastro da contra lança
 Вес стрелы и балласт контр-стрелы

	 (kg) (+/- 5%)	 6000 kg	 (kg)
60 m	14930	10	60000
55 m	15405	10	60000
50 m	14255	10	60000
45 m	13970	10	60000
40 m	12820	9	54000
30 m	10645	8	48000



Flèche relevée / Ausleger in Steilstellung / Luffing jib / Flecha izada / Braccio impennato
 Lança inclinada / Маховая стрела



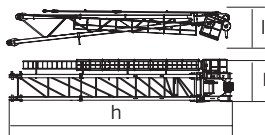
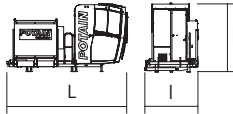
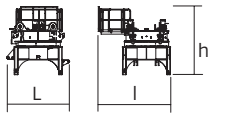
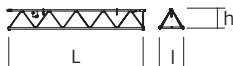
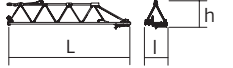
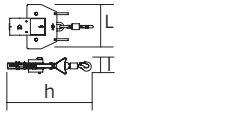
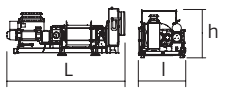
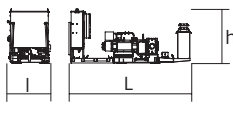
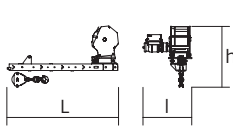
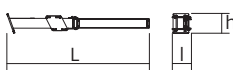
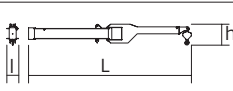
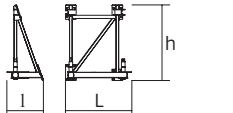
Encombrenment et poids / Abmessungen und Gewicht / Dimensions and weight / Dimensiones y peso / Ingombro e peso
dimensões e pesos / габаритные размеры и вес

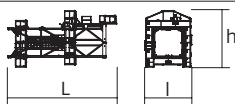
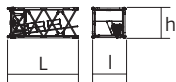
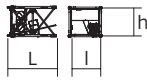
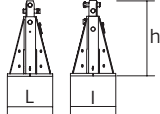
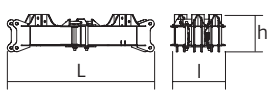
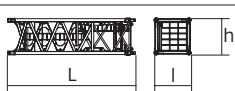
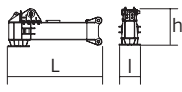
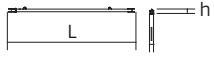
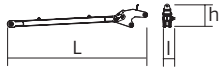
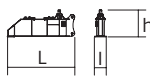
Partie tournante / Drehender Kranteil / Slewing crane part / Parte giratoria / Parte rotante

Parte rotante / Parte rotativa / Поворотная часть :  60 m -  150 HPL™

 x 11

 x 10

Partie tournante / Drehender Kranteil / Slewing crane part / Parte giratoria / Parte rotante Parte rotativa / Поворотная часть		L (m)	I (m)	h (m)	kg (+/- 5%)
Contre-flèche (+ rambarde + plate-forme) Gegenausleger (+ Geländer + Plattform) Counter-jib (+ Grab rail + Platform) Contra-flecha (+ Guardacuerpos + Plataforma) Controbraccio (+ Parapetto + Piattaforma) / Contra-lança (+ Barreira + Plataforma) / Контр-стрела (+ Перила + Платформа)		6,89	6,37	2,31	5235
Poinçon / Auslegerhaltebock Strut / Puntal Puntone / Extrator стойка		2,68	2,33	13,95	9060
Cabine / Kabine Cab / Cabina Cabina / Cabina Кабина	 Ultra View	4,52	1,97	2,55	1635
Pivot / Krankopf Towerhead / Pivote Portaralla / Pivot Секция поворотной части	 Ø 2,45 m	3,24	3,62	3,35	12180
Elément de flèche / Auslegerelement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы	 ① ② ③ ④ ⑤	9,6 10,57 10,57 10,57 10,57	2,2 1,9 1,9 1,9 1,9	2,3 1,82 1,82 1,82 1,83	2930 1910 1950 1640 1400
Elément de flèche / Auslegerelement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы	 ④A	5,41	1,9	1,82	940
Elément de flèche / Auslegerelement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы	 ⑥	10,4	1,9	1,83	2400
Moufle / Hubflasche Pulley block / Aparejo Bozzello / Cadernal Полиспаст		1,43	0,53	2,7	1610
Treuil de levage (+ câble) / Hubwerk (+ Seil) Hoisting winch (+ rope) / Mecanismo de elevación (+ cabo) Argano di sollevamento (+ fune) Guincho de elevação (+ cabo) Подъемная лебедка (+ канатом)	 150 HPL™ 270 LVF	4,82 5,62	1,94 2,18	1,98 2,37	7615 12845
Treuil de relevage (+ câble) / Auslegerverstellwerk (+ Seil) Luffing winch (+ rope) / Mecanismo de izado (+ cabo) Argano di Impennaggio braccio (+ fune) Mecanismo de Inclinação da Lança (+ cabo) лебедка подъема стрелы (+ канатом)	 150 VVF	4,88	1,72	2,17	5050
Bras de potence arrière gauche (+ treuil auxiliaire + moufle) Hinterer linker Hilfsgalgenarm + Hilfstriebwerk + Hubflasche Rear left derrick arm (+ auxiliary winch + pulley block)/Braço de plumín trasero izquierdo + cabrestante auxiliar + aparejo Braccio della mensola posteriore sinistro + argano ausiliario + bozzello/Braço de potência traseiro esquerdo + guincho auxiliar + cadernal/Траверса кронштейна (задняя левая) + дополнительный подъемник + полиспаст		2,38	1,05	1,3	615
Bras de potence avant gauche/Vorderer linker Hilfsgalgenarm Front left derrick arm/Braço de plumín delantero izquierdo/ Braccio della mensola anteriore sinistro/Braço de potência dianteiro esquerdo/Траверса кронштейна (передняя левая)		3,49	0,44	0,48	190
Bras articulé de potence/Gelenkiger Hilfsgalgenarm/Articula- ted derrick arm/Braço de plumín articulado/Braccio articolato della mensola/Braço articulado de potência/ Подвижная траверса кронштейна		4,21	0,3	0,54	315
Support de potence / Hilfsgalgenträger / Derrick support Soporte de plumín / Supporto della mensola / Suporte de potência / Опора кронштейна		1,99	1,09	2,27	670

Pyłône / Kranturm / Crane tower Mástil / Torre / Torre Башня крана		L (m)	I (m)	h (m)	kg (+/- 5%)	
T 851		2,45 m	11,18	4,84	5,8	15750
K 85/KR 84B2 KM 850.10B KM 850.14B K 85/KR 84A2 KR 849A KMT 849A KRMT 849A KMT 850.10A KMT 850.14A		2,45 m	10,24 10,32 10,32 5,24 5,23 5,23 5,23 5,32 5,32	2,54 2,54 2,54 2,54 2,53 2,55 2,55 2,54 2,54	2,5 2,51 2,51 2,5 2,5 2,53 2,53 2,51 2,51	9635 10070 11190 5550 4290 3150 4090 5450 5990
KRMT 849C		2,45 m	3,57	2,55	2,53	3205
Pieds de scellement / Verankerungsfüße Fixing angles / Pie de empotramiento Montante da annegare / Angulos fixadores анкера		P 800B P 854A	0,75 0,9	0,75 0,9	1,28 1,5	465 940
Croix centrale (position transport) / Zentralkreuz (Transport- position) / Central cross (transport position) / Brazo central (posición transporte) / Croce centrale (posizione di trasporto) Braço central chassis (posição transporte) / крестообразное основание (транспортное положение)		JM 850	5,2	1,7	1,5	6700
Mât-châssis / Grundmasteinheit Basic mast unit / Tramo-chasis Elemento base / Tramo-chassis Мачта для крепления к шасси		JM 850	8,75	2,5	2,5	14600
Bras de châssis / Unterwagenträger / Chassis girder / Brazo de base en cruz / Traverse del carro / Braço de chassis / опорная балка шасси		JM 850	5,2	0,9	1,55	3200
Tirant de châssis / Unterwagenstreben / Chassis ties / Tirante de base en cruz / Tiranti del carro / Tirante de chassis / тяга крепления шасси		JM 850	7,2	0,25	0,35	250
Haubans / Mastabstützungen Struts / Tornapuntas Puntoni / Escoras Растяжка		JM 850	8,2	0,75	1,3	2300
1/2 Bras de croix / 1/2 Fundamentkreuzträger 1/2 Cross girder / 1/2 Brazo en cruz 1/2 Braccio croce / 1/2 Braço da cruz 1/2 Поперечная балка		ZY 800 ZY 854	5,68 5,66	0,98 0,98	1,92 2,27	4720 5940
Bras de croix / Fundamentkreuzträger Cross girder / Brazo en cruz / Braccio croce / Braço da cruz Поперечная балка		ZY 800 ZY 854	11,96 11,9	1,39 1,42	1,92 2,27	10075 13350

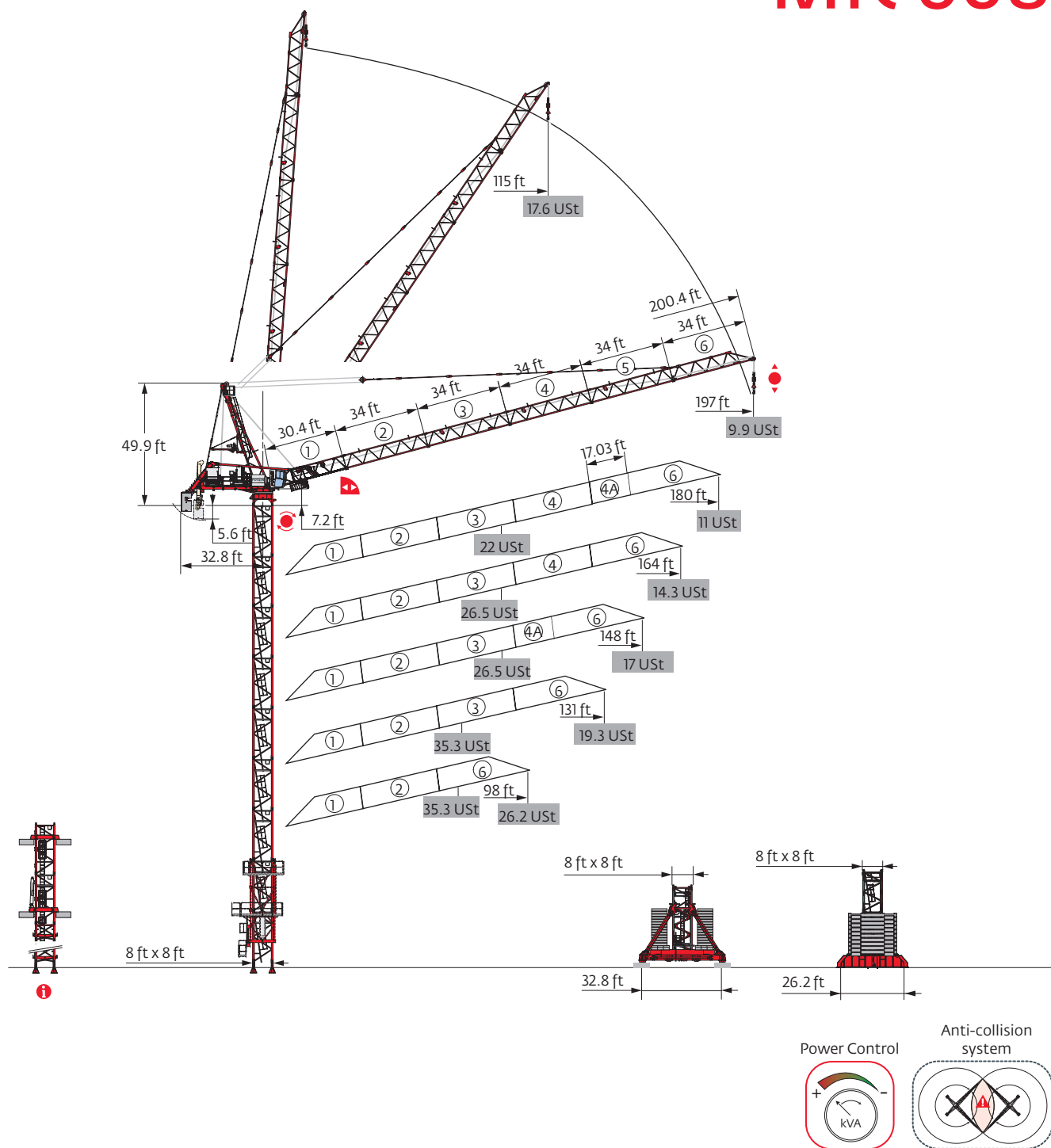
Mécanismes / Triebwerke / Mechanisms / Mecanismos / Meccanismi
Mecanismos / Механизмы

400 V - 50 Hz													ch - PS hp	kW	
	150 HPL™ 80	m/min	35,5	45	62	104	153,5	17,5	22,5	31,5	53	76,5	150	110	727 m
		t	16	12	8	4	1,9	32	24	16	8	4,7			
	270 LVF 80 Optima	m/min	67	82	114	167	204	34	41	57	84	102	270	200	1046 m
		t	16	12	8	4,9	2,4	32	24	16	10,9	5,9			
	150 VVF 71		2 min 05 s										150	110	
	RVF 173 Optima +	tr/min U/min rpm	0 → 1										3 x 10	3 x 7,5	

IEC 60204-32	kVA
400 V (+10% -10%) 50 Hz	150 HPL™ + 150 VVF : 269 → 149 kVA 270 LVF + 150 VVF : 365 → 197 kVA

FR	DE	EN	ES	IT	PT	RU
Profil de vent suivant EN 14439 C25-D25	Windbedingungen gemäß EN 14439 C25-D25	Wind conditions according to EN 14439 C25-D25	Conformidad de los condiciones de viento EN 14439 C25-D25	Condizioni del vento secondo EN 14439 C25-D25	Perfil de vento conforme EN 14439 C25-D25	Ветровой режим в соответствии с EN 14439 C25-D25
Equipements standards	Standardausrüstungen	Standard equipment	Equipamiento de serie	Equipaggiamento standard	Equipamento de série	Стандартное оборудование
Equipements optionnels	Sonderausrüstungen	Options	Equipamiento opcional	Equipaggiamento in opzione	Equipamento opcional	Дополнительное оборудование (опция)
Réactions en service	Reaktionskräfte in Betrieb	Reactions in service	Reacciones en servicio	Reazioni in servizio	Reações em serviço	Реакция при работе
Réactions hors service	Reaktionskräfte außer Betrieb	Reactions out of service	Reacciones fuera de servicio	Reazioni fuori servizio	Reacções fora de serviço	Реакция в покое
Poids de flèche	Auslegergewicht	Jib weight	Peso de flecha	Peso del braccio	Peso da lança	вес стрелы
Poids total du lest	Ballast-Gesamtgewicht	Total ballast weight	Peso total del lastre	Peso totale della zavorra	Peso total do lastro	Общий вес балласта
Axe articulation flèche	Auslegergelenks-achse	Jib articulation axis	Eje de articulación de la flecha	Perno di articolazione del braccio	Eixo de articulação da lança	Ось шарнира стрелы
Position girouette	Windfreistellung	Weathervaning position	Posición veleta	Libera rotazione	Posição em cata-vento	Флюгер
Camion 13,4 m	Lkw 13,4 m	Lorry 13,4 m	Camión 13,4 m	Camion 13,4 m	Camião 13,4 m	Резусовой автомобиль 13,4 м
Conteneur High Cube 40', et/ou Flat Rack 20'	Container High Cube 40', and/or Flat Rack 20'	Container High Cube 40', and/or Flat Rack 20'	Contenedor High Cube 40', y/o Flat Rack 20'	Container High Cube 40', e/o Flat Rack 20'	Contentor High Cube 40', e/ou Flat Rack 20'	40-футовый контейнер повышенной вместимости High Cube, и/или 20-футовая открытая платформа Flat Rack
Cadre d'ancrage serré	Fester Verankerungs-rahmen	Tightened anchorage frame	Marco de anclaje de apriete	Quadro di ancoraggio stretto	Quadro de amarração apertado	Прикрепленная анкерная рама
Cadre d'ancrage desserré	Looser Verankerungs-rahmen	Loosened anchorage frame	Marco de anclaje de desapriete	Quadro di ancoraggio allentato	Quadro de amarração solto	Отсоединенная анкерная рама
Levage	Heben	Hoisting	Elevación	Sollevamento	Elevação	Подъем
Relevage	AL-Verstellen	Luffing	Izado	Brandeggio	Levantamento	Маховый подъем
Orientation	Schwenken	Slewing	Orientación	Rotazione	Rotação	Поворот
Translation	Kranfahren	Travelling	Traslación	Traslazione	Translação	Перемещение крана
Puissance requise	Erforderliche Leistung	Required power	Potencia Necesaria	Potenza richiesta	Potência Necessária	Потребляемая мощность
Fonction Power Control : vitesses treuils adaptées à la puissance disponible	Funktion Power Control: Geschwindigkeiten der Triebwerke werden an die verfügbare Leistung angepasst	Power Control Function: winch speeds adapted to the available power	Función Power Control: marchas de los cabrestantes adaptadas a la potencia disponible	Funzione Power Control: velocità degli argani adattate alla potenza disponibile	Função Power Control: velocidades de guincho adaptadas à potência disponível	Функция контроля мощности Power Control: регулировка скорости лебедок в зависимости от доступной мощности
Nous consulter	Auf Anfrage	Consult us	Consultarnos	Consultateci	Consultar-nos	Проконсультируйтесь у нас
Document commercial non contractuel. Pour toute information technique se référer à la notice correspondante.	Unverbindliches Vertriebsdokument. Für technische Informationen, siehe die entsprechenden Anweisungen.	This commercial document is not legally binding. For any technical information, please refer to the corresponding instructions.	Documento comercial no contractual. Para cualquier información técnica, ver la noticia correspondiente.	Documento commerciale non vincolante, per tutte le informazioni tecniche fare riferimento al catalogo istruzioni.	Documento comercial não contratual. Para qualquer informação técnica complementar consultar as respectivas instruções.	Этот коммерческий документ не является юридически обязательным. Для получения технической информации, см. соответствующие инструкции.

MR 608



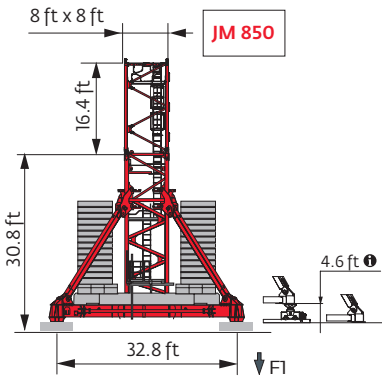
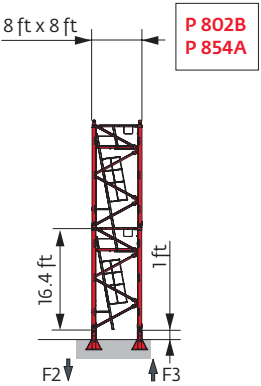
Mast - Reactions



8 ft - P 802B						
MA (ft)	98	131	148	164	180	197
RA (ft)	204.4	193.6	182.4	182.4	182.4	177.2
10.9 ft	0	2	1	1	1	2
16.4 ft	12	10	10	10	10	9
F2 (Ust)	● 294	313	313	311	319	315
	■ 333	351	324	356	384	368
F3 (Ust)	● 189	206	219	219	224	223
	■ 245	261	230	263	289	276

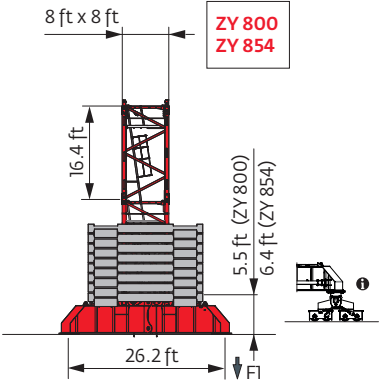
8 ft - P 854A						
MA (ft)	98	131	148	164	180	197
RA (ft)	253.6	253.6	237.2	242.8	237.2	242.8
10.9 ft	0	0	0	2	0	2
16.4 ft	15	15	14	13	14	13
F2 (Ust)	● 353	390	377	381	382	383
	■ 537	620	562	621	618	620
F3 (Ust)	● 233	262	265	271	271	276
	■ 435	510	451	511	506	514

8 ft - JM 850						
MA (ft)	98	131	148	164	180	197
RA (ft)	250.7	239.8	234.3	239.8	234.3	245.1
10.9 ft	0	2	0	2	0	1
16.4 ft	13	11	12	11	12	12
F1 (Ust)	● 159	168	164	174	176	181
	■ 189	196	191	217	218	237



8 ft - ZY 800 - 						
MA (ft)	98	131	148	164	180	197
⬇️ (ft)	203.4	121.4	99.4	105	99.4	121.4
	10.9 ft	1	1	2	1	2
	16.4 ft	11	6	4	5	4
FI (Ust)	● 168	144	134	130	132	140
	■ 156	112	113	106	101	105

8 ft - ZY 854 - 						
MA (ft)	98	131	148	164	180	197
⬇️ (ft)	258.9	248	237.2	237.2	231.6	237.2
	10.9 ft	0	2	1	2	1
	16.4 ft	15	13	13	12	13
FI (Ust)	● 226	235	224	225	223	226
	■ 296	300	279	297	302	304



Note: When "ASCE" is noted in this data sheet it is referring to 115 mph Wind Zone, Exposure B, Design Wind Speed = 98 mph. See back cover for design wind speed calculations.

 Motorized accesses: adapted mast compositions, base ballast and reactions.

Anchorage



Base ballast

⚖️ (USt) / 8 ft - JM 850 - ⚖️							
⚖️ (ft)	98	131	148	164	180	197	
250.7	105.8						
245.1	92.6					172	
239.8	92.6	119.1		145.5		158.7	
234.3	79.4	105.8	119.1	132.3	158.7	132.3	
217.9	52.9	66.1	79.4	92.6	119.1	105.8	
201.4	52.9	52.9	52.9	66.1	92.6	66.1	
185 ↓	52.9	52.9	52.9	52.9	52.9	52.9	
86.6	52.9	52.9	52.9	52.9	52.9	52.9	

⚖️ (USt) / 8 ft - ZY 800 - ⚖️							
⚖️ (ft)	98	131	148	164	180	197	
203.4	119.1						
121.4	92.6	105.8				66.1	
105	92.6	105.8		79.4		52.9	
99.4	92.6	105.8	92.6	79.4	66.1	52.9	
83	92.6	105.8	92.6	79.4	66.1	52.9	

⚖️ (USt) / 8 ft - ZY 854 - ⚖️							
⚖️ (ft)	98	131	148	164	180	197	
258.9	211.6						
248	172	224.9					
237.2	145.5	185.2	224.9	224.9		238.1	
231.6	132.3	172	211.6	198.4	224.9	224.9	
215.2	119.1	119.1	145.5	158.7	172	185.2	
198.8	105.8	92.6	105.8	119.1	132.3	145.5	
182.4	92.6	92.6	105.8	79.4	92.6	105.8	
166	79.4	92.6	105.8	79.4	79.4	92.6	
149.6	79.4	92.6	105.8	79.4	66.1	79.4	
133.2	79.4	92.6	105.8	79.4	52.9	66.1	
116.8	79.4	92.6	105.8	79.4	52.9	52.9	
100.4	79.4	92.6	105.8	79.4	52.9	52.9	
84	79.4	92.6	105.8	79.4	52.9	39.7	

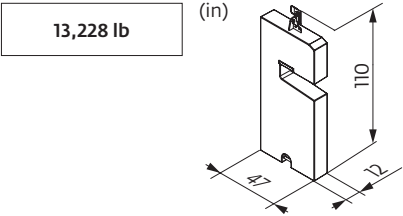
Load curves

⚖️ (ft)	77	82	89	98	102	105	115	118	121	131	135	148	154	164	171	180	187	197	ft
17.6 USt																			
197	18 → 114	17.6	17.6	17.6	17.6	17.6	17.5	-	16.5	15.3	-	13.4	12.9	12	11.6	10.9	10.5	9.9	USt
180	17.4 → 115.5	17.6	17.6	17.6	17.6	17.6	17.6	-	16.8	15.4	15.1	13.7	13	12.2	11.7	11	USt		
164	16 → 135	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	16	15.3	14.3	USt				
148	14.8 → 135	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	16.2	USt						
131	14 → 131	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	USt								
98	11 → 98	17.6	17.6	17.6	17.6	USt													

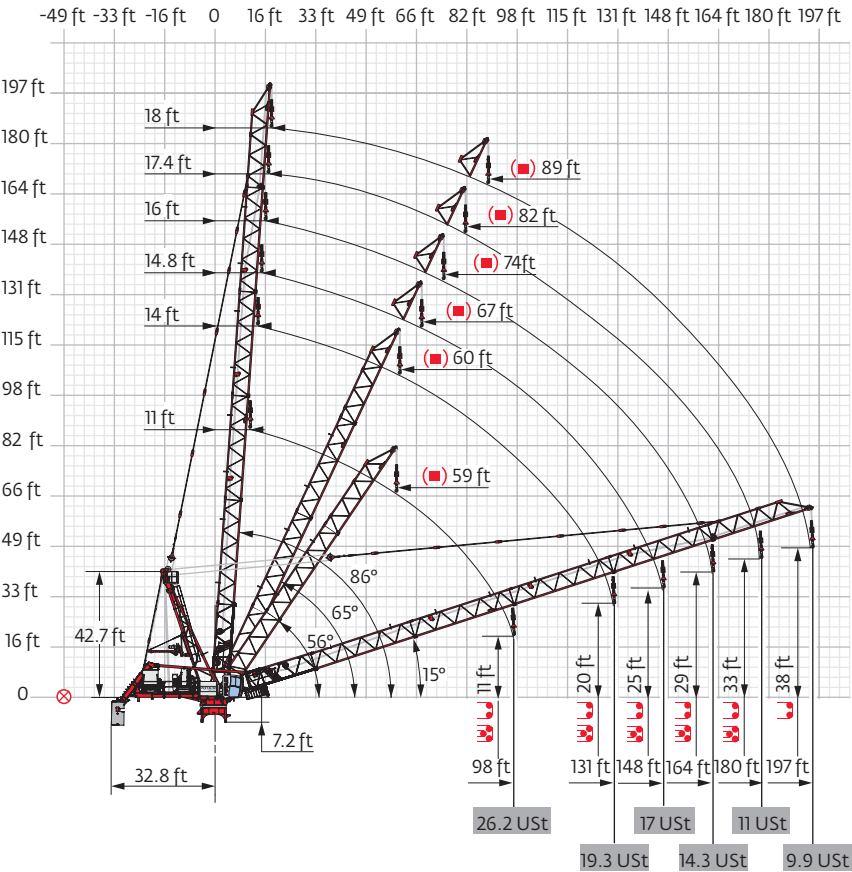
 (ft)		74	77	82	89	98	105	115	121	131	135	148	154	164	171	180	ft
	 35.3 USt																
180	17.4 → 95	22	22	22	22	21.3	-	-	17	15.7	15.2	13.8	13.1	12.2	11.7	11	USt
164	16 → 93	26.5	26.5	26.5	26.5	24.8	23.1	21.1	19.8	18.2	17.7	16.1	15.3	14.3	USt		
148	14.8 → 93	26.5	26.5	26.5	26.5	25.1	23.6	21.6	20.5	19	18.5	17	USt				
131	14 → 74	35.3	-	31.6	29.2	26.1	24.5	22.3	20.9	19.3	USt						
98	11 → 74	35.3	-	31.7	29.3	26.2	USt										

Jib weight & counter-jib ballast

	 (lb) (+/- 5%)	 13,228 lb	 (lb)
197 ft	32,915	10	132,277
180 ft	33,962	10	132,277
164 ft	31,427	10	132,277
148 ft	30,799	10	132,277
131 ft	28,263	9	119,050
98 ft	23,468	8	105,822



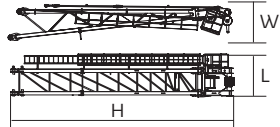
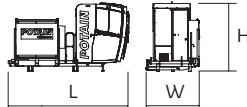
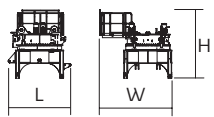
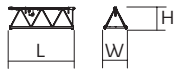
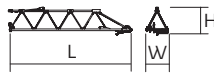
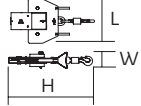
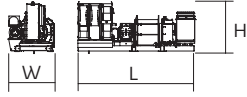
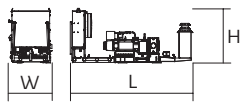
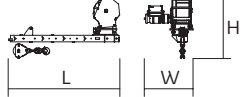
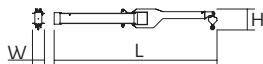
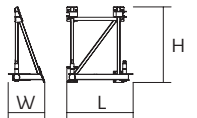
Luffing jib

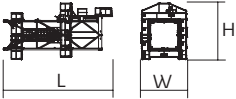
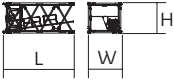
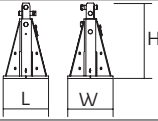
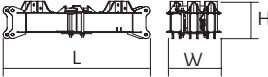
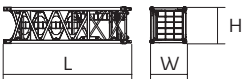
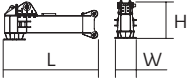
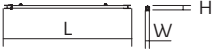
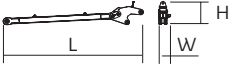
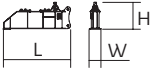
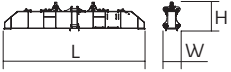


maximcrane.com

Dimensions and weight

Slewing crane part:  197 ft -  180 HPL™

Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib (+ Grab rail + Platform)		22.6	20.9	7.6	11,541
Strut		8.8	7.6	45.8	19,974
Cab	 Ultra View	14.8	6.5	8.4	3,605
Towerhead	 8 ft	10.6	11.9	11	26,852
Jib section	 ① ② ③ ④ ⑤	31.5 34.7 34.7 34.7 34.7	7.2 6.2 6.2 6.2 6.2	7.5 6 6 6 6	6,460 4,211 4,299 3,616 3,086
Jib section	 ④A	17	6.2	6	2,072
Jib section	 ⑥	34.1	6.2	6	5,291
Pulley block		4.7	1.7	8.9	3,549
Hoisting winch (+ rope)	 180 HPL™ 320 LVF	15.8 18.4	6.3 7.2	6.5 7.8	16,788 28,318
Luffing winch (+ rope)	 150 VVF	16	5.6	7.1	11,133
Rear left derrick arm (+ auxiliary winch + pulley block)		7.8	3.4	4.3	1,356
Front left derrick arm		11.5	1.4	1.6	419
Articulated derrick arm		13.8	1	1.8	694
Derrick support		6.5	3.6	7.4	1,477

Crane tower			L (ft)	W (ft)	H (ft)	
Telescopic cage T 851		Ø 8 ft	36.7	15.9	19	34,723
K 85/KR 84B2 KM 850.10B KM 850.14B K 85/KR 84A2 KRMT 849A K 849A KR 849A KMT 849A KMT 850.10A KMT 850.14A		Ø 8 ft	33.6 33.9 33.9 17.2 17.2 17.2 17.2 17.2 17.5 17.5	8.3 8.3 8.3 8.3 8.4 8.3 8.3 8.4 8.3 8.3	8.2 8.2 8.2 8.2 8.3 8.2 8.2 8.3 8.2 8.2	21,242 22,201 24,670 12,236 9,017 7,496 9,458 6,945 12,015 13,206
KRMT 849C		Ø 8 ft	11.7	8.4	8.3	7,066
Fixing angles		P 802B P 854A	2.5 3	2.5 3	4.2 4.9	1,025 2,072
Central cross (transport position)		JM 850	17.1	5.6	4.9	14,771
Basic mast unit		JM 850	28.7	8.2	8.2	32,187
Chassis girder		JM 850	17.1	3	5.1	7,055
Chassis ties		JM 850	23.6	0.8	1.1	551
Struts		JM 850	26.9	2.5	4.3	5,071
1/2 Cross girder		ZY 800 ZY 854	18.6 18.6	3.2 3.2	6.3 7.4	10,406 13,095
Cross girder		ZY 800 ZY 854	39.2 39	4.6 4.7	6.3 7.4	22,212 29,432

480 V - 60 Hz													hp	kW	
	180 HPL™ 80	fpm	138	171	228	359	504	69	85	115	184	251	180	132	2,385 ft
		USt	17.6	13.2	8.8	4.4	2.1	35.3	26.5	17.6	8.8	5.2			
	320 LVF 80 Optima	fpm	246	322	449	640	669	125	161	226	318	335	320	240	3,432 ft
		USt	17.6	13.2	8.8	5.5	4.5	35.3	26.5	17.6	12.2	10.4			
	150 VVF 71		2 min 05 s										150	110	
	RVF 173 Optima +	rpm	0 → 1										3 x 10	3 x 7.5	
															

 IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	180 HPL™ + 150 VVF : 293 → 161 kVA 320 LVF + 150 VVF : 405 → 217 kVA 

These mast combinations meet the EN 14439 and ASME B30.3-2016 specifications for "out of service" wind conditions, provided the illustrated wind speed matches required design wind speed for the location of the tower crane. The "out of service" design wind speed was determined in accordance with ASCE 7-10, Figure 26.5-1A. The wind velocity, used for this configuration was 98 mph (158 kph), which represents a nominal design 3-second wind gust at 33 ft (10 m) above ground for Exposure B category. A factor of 0.85 was applied to the 700-year ultimate design wind speed of 115 mph (185 kph), per ASCE 37-C with the assumption that this crane is considered a temporary structure used during a construction period of 2 years or less.

	Standard equipment		Jib articulation axis		Slewing
	Options		Weather vaning position		Travelling
	Reactions in service		Lorry 44 ft		Required power
	Reactions out of service		Container High Cube 40 ft, and/or Flat Rack 20 ft		Power Control Function: winch speeds adapted to the available power
	Jib weight		Hoisting		Consult us
	Total ballast weight		Luffing		



This commercial document is not legally binding. For any technical information, please refer to the corresponding instructions.

