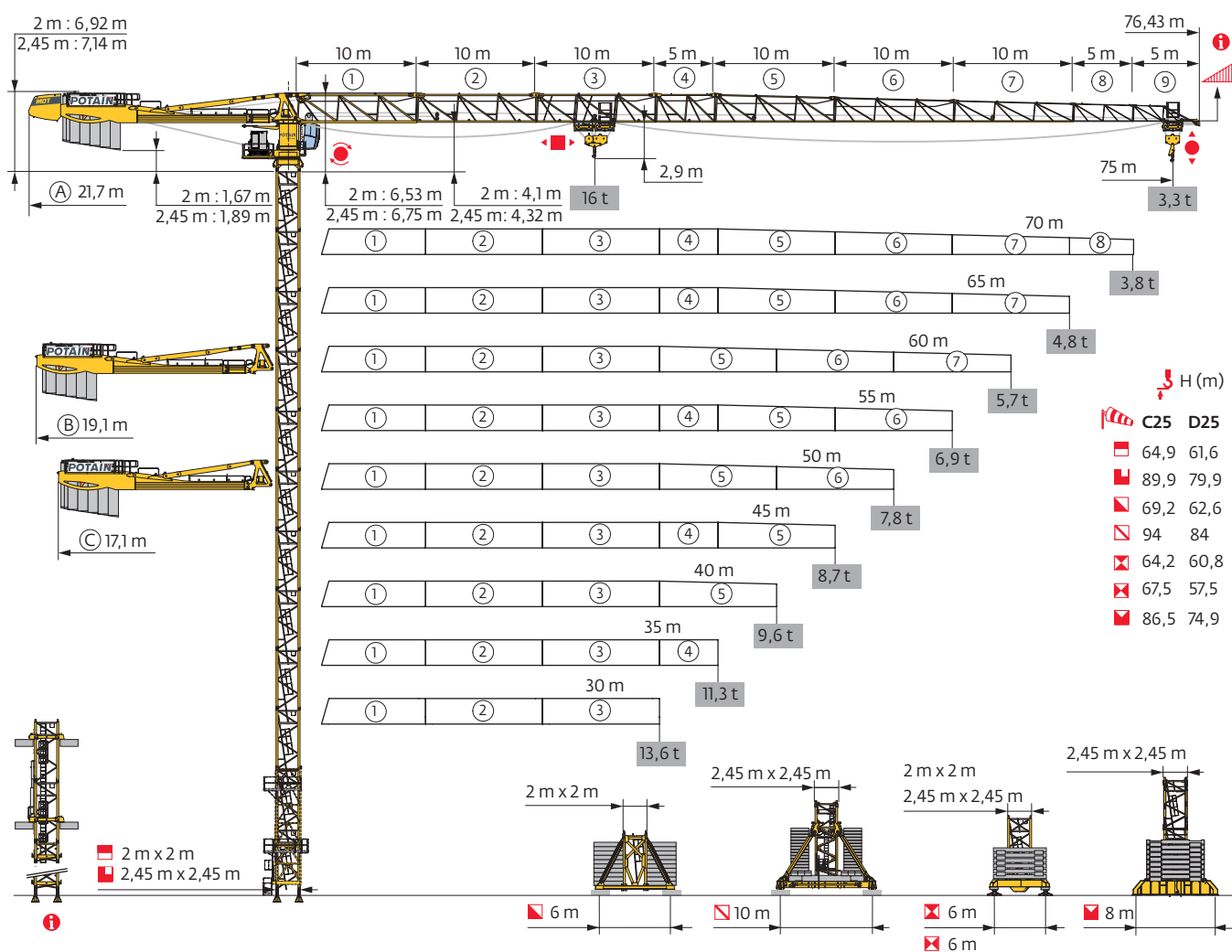


MDT 389 L16

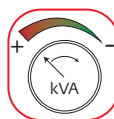


MAXIM
Crane Works, L.P.
1-877-MAX-LIFT

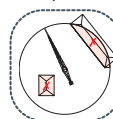
Potain Plus



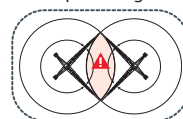
Power Control



Top Site



Top Tracing 3



Mât - Réactions / Mast - Reaktionskräfte / Mast - Reactions / Mástil - Reacciones / Torre - Reazioni
Tramo - Reações / Реакция опор мачты

2 m - P 62B - C25										
AVAIL (m)	30	35	40	45	50	55	60	65	70	75
(m)	64,9	64,9	64,9	64,9	64,9	64,9	64,9	59,9	61,6	61,6
/P ₊ (m)	61,6	59,9	61,6	61,6	61,6	61,6	61,6	59,9	61,6	61,6
	3,33 m	1	1	1	1	1	1	1	0	0
	5 m	12	12	12	12	12	12	11	12	12
F2 (t)	● 203	205	203	201	202	201	202	202	207	210
	■ 270	274	274	271	278	279	283	241	263	270
F3 (t)	● 139	139	136	132	133	132	133	133	137	139
	■ 213	216	215	210	217	218	221	180	201	208
(m) D25	61,6	61,6	61,6	61,6	59,9	59,9	59,9	59,9	58,2	58,2
/P ₊ (m) D25	61,6	59,9	61,6	61,6	59,9	59,9	59,9	59,9	58,2	58,2

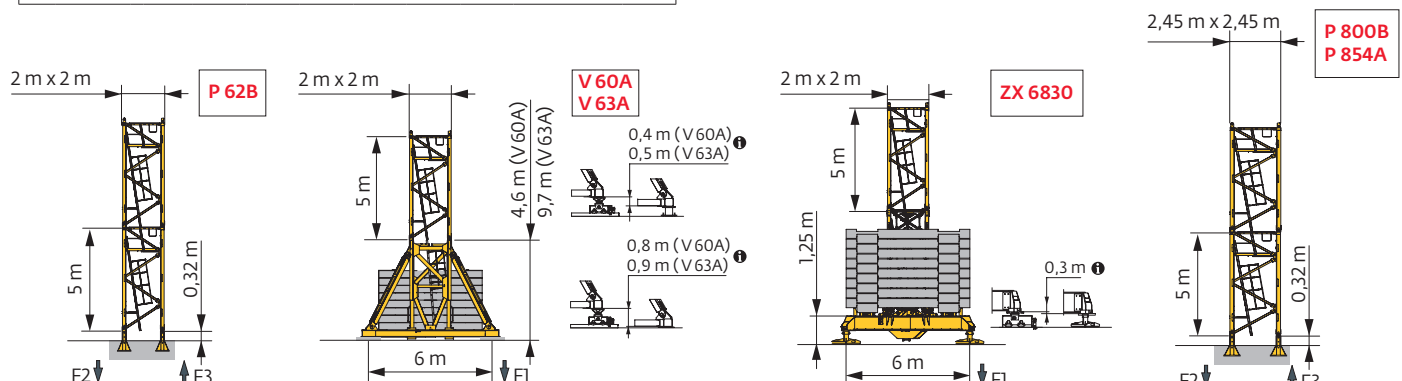
2 m - V 63A - C25										
AVAIL (m)	30	35	40	45	50	55	60	65	70	75
(m)	65,9	65,9	65,9	69,2	69,2	69,2	67,6	65,9	65,9	65,9
/P ₊ (m)	60,9	59,2	60,9	60,9	60,9	62,6	60,9	64,2	64,2	62,6
	3,33 m	0	0	0	1	1	1	2	0	0
	5 m	11	11	11	11	11	10	11	11	11
F1 (t)	● 116	117	117	126	127	127	123	123	124	127
	■ 142	144	144	159	163	164	157	153	158	163
(m) D25	60,9	60,9	60,9	62,6	60,9	60,9	60,9	60,9	60,9	60,9
/P ₊ (m) D25	60,9	59,2	60,9	60,9	60,9	60,9	60,9	60,9	60,9	60,9

2,45 m - P 800B - C25										
AVAIL (m)	30	35	40	45	50	55	60	65	70	75
(m)	76,6	74,9	74,9	76,6	74,9	74,9	74,9	73,2	71,6	71,6
/P ₊ (m)	76,6	74,9	74,9	76,6	74,9	74,9	74,9	73,2	71,6	71,6
	3,33 m	0	1	1	0	1	1	1	2	0
	5 m	15	14	14	15	14	14	14	13	14
F2 (t)	● 213	210	209	212	209	207	208	211	206	208
	■ 368	359	360	370	363	364	367	361	345	351
F3 (t)	● 139	136	133	134	131	128	129	131	128	129
	■ 303	293	292	300	293	294	297	289	275	280
(m) D25	66,6	66,6	66,6	66,6	66,6	66,6	66,6	64,9	63,2	63,2
/P ₊ (m) D25	66,6	66,6	66,6	66,6	66,6	66,6	66,6	64,9	63,2	63,2

2 m - V 60A - C25										
AVAIL (m)	30	35	40	45	50	55	60	65	70	75
(m)	65,9	65,9	65,9	65,9	65,9	65,9	65,9	62,5	62,5	62,5
/P ₊ (m)	60,9	59,2	60,9	60,9	60,9	62,5	60,9	62,5	62,5	62,5
	3,33 m	0	0	0	0	0	0	2	2	2
	5 m	12	12	12	12	12	12	10	10	10
F1 (t)	● 116	117	116	113	117	117	117	116	116	117
	■ 139	140	140	137	142	142	145	130	135	140
(m) D25	57,5	57,5	57,5	59,2	57,5	57,5	57,5	57,5	55,9	55,9
/P ₊ (m) D25	57,5	57,5	57,5	59,2	57,5	57,5	57,5	57,5	55,9	55,9

2 m - ZX 6830 - C25										
AVAIL (m)	30	35	40	45	50	55	60	65	70	75
(m)	64,2	64,2	64,2	62,5	62,5	64,2	64,2	59,2	59,2	59,2
/P ₊ (m)	60,8	59,2	60,8	60,8	62,5	62,5	62,5	59,2	59,2	59,2
	3,33 m	2	2	2	0	0	2	2	2	2
	5 m	11	11	11	12	12	11	11	10	10
F1 (t)	● 113	111	111	109	113	111	112	109	109	110
	■ 130	132	132	116	120	134	136	113	119	123
(m) D25	60,8	60,8	60,8	60,8	59,2	59,2	59,2	59,2	57,5	57,5
/P ₊ (m) D25	60,8	59,2	60,8	60,8	59,2	59,2	59,2	59,2	57,5	57,5

2,45 m - P 854A - C25										
AVAIL (m)	30	35	40	45	50	55	60	65	70	75
(m)	89,9	89,9	89,9	89,9	89,9	89,9	88,2	88,2	88,2	86,6
/P ₊ (m)	89,9	89,9	89,9	89,9	89,9	89,9	88,2	88,2	88,2	86,6
	3,33 m	1	1	1	1	1	1	2	2	0
	5 m	17	17	17	17	17	17	16	16	17
F2 (t)	● 258	260	258	257	258	256	252	261	263	258
	■ 542	546	546	544	550	552	532	539	547	524
F3 (t)	● 175	174	172	169	170	167	165	172	173	170
	■ 466	469	468	464	470	471	453	458	465	444
(m) D25	79,9	79,9	79,9	79,9	79,9	79,9	78,2	78,2	76,6	76,6
/P ₊ (m) D25	79,9	79,9	79,9	79,9	79,9	79,9	78,2	78,2	76,6	76,6



ⓘ 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 reações adaptadas. / Лифты : адаптированная композиция мачты, базовый балласт и нагрузки.

2,45 m - JM 850 - C25										
ΔΔΔΔ (m)	30	35	40	45	50	55	60	65	70	75
⚡ (m)	94	94	94	94	94	94	92,3	92,3	90,7	90,7
⚡/P+ (m)	94	94	94	94	94	94	92,3	92,3	90,7	90,7
3,33 m	1	1	1	1	1	1	2	2	0	0
5 m	16	16	16	16	16	16	15	15	16	16
FI (t)	● 149	150	150	147	150	150	146	149	144	147
	■ 233	234	234	233	235	236	230	233	224	227

⚡ (m) D25	84	82,3	82,3	84	82,3	82,3	82,3	82,3	82,3	80,7
⚡/P+ (m) D25	84	82,3	82,3	84	82,3	82,3	82,3	82,3	82,3	80,7

2,45 m - ZY 800 - C25										
ΔΔΔΔ (m)	30	35	40	45	50	55	60	65	70	75
⚡ (m)	74,6	74,6	74,6	74,6	72,9	72,9	72,9	72,9	72,9	71,3
⚡/P+ (m)	74,6	74,6	74,6	74,6	72,9	72,9	72,9	72,9	72,9	71,3
3,33 m	2	2	2	2	0	0	0	0	0	1
5 m	13	13	13	13	14	14	14	14	14	13
FI (t)	● 130	131	131	128	123	123	123	129	129	128
	■ 179	181	181	179	169	170	172	177	182	178

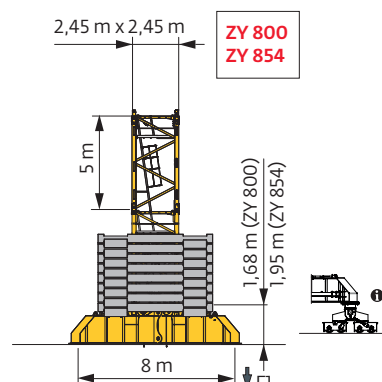
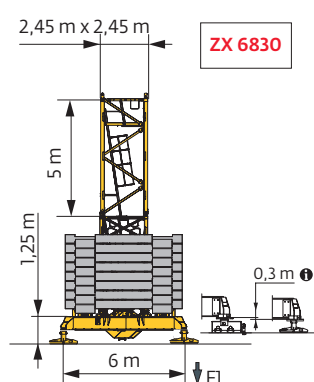
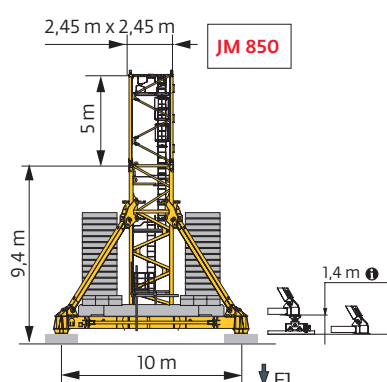
⚡ (m) D25	64,6	64,6	64,6	64,6	64,6	64,6	64,6	62,9	62,9	62,9
⚡/P+ (m) D25	64,6	64,6	64,6	64,6	64,6	64,6	64,6	62,9	62,9	62,9

2,45 m - ZX 6830 - C25										
ΔΔΔΔ (m)	30	35	40	45	50	55	60	65	70	75
⚡ (m)	65,8	65,8	65,8	67,5	65,8	65,8	65,8	64,2	62,5	62,5
⚡/P+ (m)	65,8	65,8	65,8	67,5	65,8	65,8	65,8	64,2	62,5	62,5
3,33 m	1	1	1	0	1	1	1	2	0	0
5 m	12	12	12	13	12	12	12	11	12	12
FI (t)	● 130	131	131	135	131	131	131	132	125	126
	■ 167	169	169	174	170	171	173	170	157	162

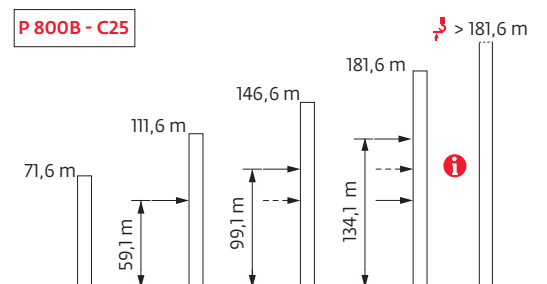
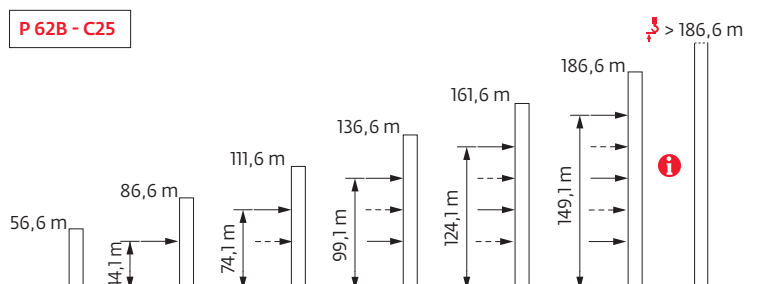
⚡ (m) D25	57,5	57,5	57,5	57,5	57,5	57,5	57,5	55,8	55,8	54,2
⚡/P+ (m) D25	57,5	57,5	57,5	57,5	57,5	57,5	57,5	55,8	55,8	54,2

2,45 m - ZY 854 - C25										
ΔΔΔΔ (m)	30	35	40	45	50	55	60	65	70	75
⚡ (m)	86,5	86,5	86,5	86,5	86,5	86,5	86,5	84,9	84,9	83,2
⚡/P+ (m)	86,5	86,5	86,5	86,5	86,5	86,5	86,5	84,9	84,9	83,2
3,33 m	1	1	1	1	1	1	1	2	2	0
5 m	16	16	16	16	16	16	16	15	15	16
FI (t)	● 167	168	169	170	170	170	170	172	172	167
	■ 257	260	261	260	264	266	268	263	269	256

⚡ (m) D25	73,2	73,2	73,2	74,9	74,9	74,9	73,2	73,2	73,2	73,2
⚡/P+ (m) D25	73,2	73,2	73,2	74,9	74,9	74,9	73,2	73,2	73,2	73,2



Ancrages / Verankerungen / Anchorages / Anclajes / Ancoraggi
Ancoragem / крепеж



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

⚖️ (t) / 2 m - V 60A - 🚧 - C25										
⚖️ (m)	30	35	40	45	50	55	60	65	70	75
65,9	120	120	120	108	120	120	120			
62,5	108	108	108	108	96	96	96	108	108	108
57,5	96	96	96	96	96	84	84	96	96	96
52,5	96	96	96	84	84	84	84	84	72	72
47,5	96	96	84	84	84	72	72	60	60	60
42,5	84	84	84	72	72	72	60	60	48	60
37,5	84	84	84	72	72	72	60	48	48	48
32,5	84	84	84	72	72	72	60	48	48	48

⚖️ (t) / 2 m - ZX 6830 - 🚧 - C25										
⚖️ (m)	30	35	40	45	50	55	60	65	70	75
64,2	111	101	101			101	101			
62,5	101	101	101	101	101	91	91			
59,2	101	101	91	91	91	81	81	91	91	91
54,2	91	91	91	91	81	81	81	81	81	81
49,2	91	91	81	81	81	71	71	61	61	61
44,2	81	81	81	71	71	71	61	51	51	51
39,2	81	81	81	71	71	71	61	51	41	51
34,2	81	81	81	71	71	71	61	51	41	51

⚖️ (t) / 2,45 m - JM 850 - 🚧 - C25										
⚖️ (m)	30	35	40	45	50	55	60	65	70	75
94	192	192	192	180	192	192				
92,3	180	180	180	180	180	180	180	180		
90,7	168	168	168	156	168	168	168	168	168	180
85,7	132	132	132	120	132	132	132	132	132	144
80,7	108	108	96	96	96	96	96	96	108	108
75,7	72	72	72	72	72	72	72	72	72	84
70,7	48	48	48	48	48	48	48	48	48	60
65,7↓	48	48	48	48	48	48	48	48	48	48
35,7	48	48	48	48	48	48	48	48	48	48

⚖️ (t) / 2,45 m - ZY 800 - 🚧 - C25										
⚖️ (m)	30	35	40	45	50	55	60	65	70	75
74,6	132	132	132	120						
72,9	120	120	108	108	108	108	108	120	120	
71,3	108	108	108	96	96	96	108	108	108	120
66,3	72	72	72	60	72	72	72	72	84	84
61,3	48	48	48	36	36	36	36	48	48	48
56,3	36	36	36	36	24	24	24	36	24	24
51,3	36	24	24	24	24	12	12	24	12	12
46,3 ↓	24	24	24	24	24	12	12	12	12	12
31,3	24	24	24	24	24	12	12	12	12	12

⚖️ (t) / 2 m - V 63A - 🚧 - C25										
⚖️ (m)	30	35	40	45	50	55	60	65	70	75
69,2				144	144	144				
67,6				132	132	132	132			
65,9	120	120	120	120	120	120	120	132	132	144
60,9	108	108	108	96	96	96	96	108	108	108
55,9	96	96	96	96	96	84	84	96	84	84
50,9	96	96	96	84	84	84	84	72	72	72
45,9	84	84	84	72	72	72	72	60	60	60
40,9	84	84	72	72	72	60	60	48	48	60
35,9	84	84	72	72	72	60	60	48	48	48
30,9	84	84	72	72	72	60	60	48	48	48

⚖️ (t) / 2,45 m - ZX 6830 - 🚧 - C25										
⚖️ (m)	30	35	40	45	50	55	60	65	70	75
67,5				161						
65,8	151	151	151	141	151	151	151			
64,2	141	141	141	131	141	141	141	151		
62,5	121	121	121	111	111	111	121	121	131	131
57,5	101	91	91	91	91	91	81	91	91	101
52,5	81	81	81	71	71	71	71	81	81	71
47,5	81	81	81	71	71	71	61	61	61	61
42,5	81	81	81	71	71	71	61	51	41	51
37,5	81	81	81	71	71	71	61	51	41	51

⚖️ (t) / 2,45 m - ZY 854 - 🚧 - C25										
⚖️ (m)	30	35	40	45	50	55	60	65	70	75
86,5	216	216	216	216	216	216	216			
84,9	204	204	204	204	204	204	216	216	216	
83,2	192	192	192	180	180	192	192	192	204	204
78,2	156	156	144	144	144	144	156	156	156	168
73,2	120	120	108	108	108	108	108	120	120	132
68,2	84	84	84	72	84	84	84	84	84	96
63,2	48	48	48	48	48	48	48	48	60	60
58,2	36	24	24	24	24	24	24	24	24	36
53,2	24	24	24	12	12	12	12	12	12	12
48,2 ↓	12	12	12	12	12	12	12	12	12	12
33,2	12	12	12	12	12	12	12	12	12	12

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



			17	20	25	27	30	32	35	37	40	42	45	47	50	55	57	60	65	67	70	72	75	m
75	3,3 → 18,6	34,1 - 37,3	16	14,9	11,6	10,6	9,4	8,7	8	8	7,4	7	6,5	6,1	5,6	4,9	4,7	4,4	3,9	3,7	3,5	3,3	3,1	t
	3,3 → 20,5	36 - 39,1	16	16	12,8	11,7	10,3	9,4	8,3	8	7,7	7,3	6,7	6,3	5,8	5,2	4,9	4,6	4,1	4	3,7	3,6	3,3	t P ₊
70	3,3 → 19,7	35,9 - 39,1	16	15,7	12,3	11,3	10	9,3	8,3	8	7,7	7,2	6,6	6,2	5,7	5	4,8	4,5	4	3,9	3,7			t
	3,3 → 21,1	36,4 - 39,7	16	16	13,2	12	10,5	9,6	8,5	8	7,8	7,4	6,8	6,4	5,9	5,3	5	4,7	4,2	4	3,8			t P ₊
65	3,3 → 21,1	38,8 - 42	16	16	13,3	12,2	10,8	10	9	8,5	8	8	7,4	7	6,5	5,7	5,4	5,1	4,6					t
	3,3 → 22,5	39,4 - 42,6	16	16	14,1	12,8	11,3	10,4	9,3	8,7	8	8	7,5	7,1	6,6	5,9	5,6	5,3	4,8					t P ₊
60	3,3 → 22,4	40,4 - 43,5	16	16	14,1	12,9	11,4	10,6	9,5	8,9	8,1	8	7,7	7,3	6,8	6,1	5,8	5,5						t
	3,3 → 24	42 - 45,2	16	16	15,2	13,9	12,2	11,3	10,1	9,4	8,5	8	8	7,6	7,1	6,3	6	5,7						t P ₊
55	3,3 → 22,7	41,8 - 45,1	16	16	14,4	13,2	11,8	10,9	9,9	9,2	8,4	8	8	7,6	7,1	6,4								t
	3,3 → 24,4	44,4 - 48	16	16	15,5	14,3	12,7	11,8	10,6	9,9	9,1	8,6	8	8	7,6	6,9								t P ₊
50	3,3 → 22,7	41,9 - 45,2	16	16	14,4	13,2	11,8	10,9	9,9	9,3	8,5	8	8	7,7	7,1									t
	3,3 → 24,8	45,4 - 49	16	16	15,9	14,6	13	12	10,9	10,2	9,3	8,8	8,1	8	7,8									t P ₊
45	3,3 → 23,7	43,7 - 45	16	16	15,1	13,9	12,4	11,5	10,4	9,7	8,9	8,4	8											t P ₊
	3,3 → 25,9		16	16	16	15,3	13,6	12,7	11,4	10,7	9,8	9,2	8,5											t P ₊
40	3,3 → 23,5		16	16	14,9	13,6	12,1	11,2	10,1	9,4	8,6													t
	3,3 → 25,5		16	16	16	15	13,3	12,3	11,1	10,4	9,5													t P ₊
35	3,3 → 23,7		16	16	15	13,8	12,2	11,3	10,2															t
	3,3 → 25,8		16	16	16	15,2	13,4	12,4	11,2															t P ₊
30	3,3 → 23,8		16	16	15,1	13,9	12,3																	t
	3,3 → 25,8		16	16	16	15,3	13,5																	t P ₊

= - 0,88 t max.

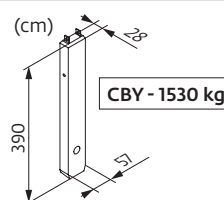
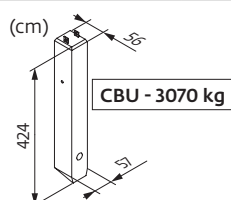
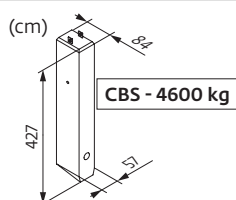


			17	20	25	27	30	32	35	37	40	42	45	47	50	55	57	60	65	67	70	72	75	m
75	2,5 → 18,8	34,6 - 35,6	16	15	11,7	10,8	9,5	8,8	8	7,6	7	6,6	6	5,6	5,2	4,5	4,2	3,9	3,4	3,3	3	2,85	2,65	t
	2,5 → 20,6	36,5 - 37,2	16	16	12,9	11,8	10,5	9,6	8,4	8	7,3	6,8	6,2	5,9	5,4	4,7	4,5	4,1	3,7	3,5	3,2	3,1	2,85	t P ₊
70	2,5 → 19,8	36,4 - 37,2	16	15,8	12,5	11,4	10,1	9,4	8,4	8	7,3	6,8	6,1	5,8	5,3	4,6	4,3	4	3,6	3,4	3,2			t
	2,5 → 21,3	36,9 - 38	16	16	13,3	12,2	10,6	9,7	8,6	8	7,4	6,9	6,3	6	5,5	4,8	4,6	4,2	3,7	3,6	3,4			t P ₊
65	2,5 → 21,3	39,4 - 40,2	16	16	13,4	12,3	11	10,2	9,2	8,6	8	7,6	7	6,6	6,1	5,3	5	4,7	4,2					t
	2,5 → 22,6	39,9 - 40,8	16	16	14,2	13	11,4	10,5	9,4	8,8	8	7,7	7,1	6,7	6,2	5,5	5,2	4,9	4,4					t P ₊
60	2,5 → 22,6	41 - 42	16	16	14,3	13,1	11,6	10,7	9,7	9	8,2	8	7,3	7	6,5	5,7	5,5	5,2						t
	2,5 → 24,2	42,6 - 43,5	16	16	15,4	14	12,4	11,4	10,2	9,6	8,7	8,1	7,7	7,3	6,7	5,9	5,7	5,3						t P ₊
55	2,5 → 22,9	42,5 - 43,4	16	16	14,5	13,4	11,9	11,1	10	9,4	8,6	8,1	7,7	7,3	6,8	6,1								t
	2,5 → 24,5	45,1 - 46,1	16	16	15,7	14,4	12,8	11,9	10,7	10,1	9,2	8,7	8	7,8	7,3	6,5								t P ₊
50	2,5 → 22,9	42,5 - 43,5	16	16	14,6	13,4	11,9	11,1	10	9,4	8,6	8,1	7,7	7,3	6,8									t
	2,5 → 25	46,1 - 46	16	16	16	14,7	13,1	12,2	11	10,3	9,5	8,9	8,2	7,9	7,5									t P ₊
45	2,5 → 23,9	44,4 - 45	16	16	15,3	14	12,5	11,6	10,5	9,9	9	8,5	8											t
	2,5 → 26,1		16	16	16	15,4	13,7	12,8	11,6	10,9	9,9	9,4	8,7											t P ₊
40	2,5 → 23,7		16	16	15	13,8	12,2	11,3	10,2	9,6	8,7													t
	2,5 → 25,7		16	16	16	15,1	13,4	12,4	11,2	10,5	9,6													t P ₊
35	2,5 → 23,9		16	16	15,2	13,9	12,3	11,4	10,3															t
	2,5 → 26		16	16	16	15,3	13,6	12,6	11,3															t P ₊
30	2,5 → 24		16	16	15,3	14	12,4																	t
	2,5 → 26		16	16	16	15,4	13,6																	t P ₊

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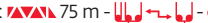
Poids de flèche & lest de contre-flèche / Auslegergewicht & Gegenauslegerballast / Jib weight & counter-jib ballast / Peso de flecha y lastre de contra-flecha/Peso del braccio & zavorra di contro-braccio/Peso da lança & lastro da contra lança/Вес стрелы и балласт контр-стрелы

	(kg) (+/- 5%)								
				4600 kg	1530 kg	(kg)	3070 kg	1530 kg	(kg)
75 m	18100	17595	18240	5	2	26060	8	1	26090
70 m	17840	17350	17980	5	2	26060	8	1	26090
65 m	17450	16990	17590	5	2	26060	8	1	26090
60 m	16420	15990	16560	5	1	24530	8	0	24560
55 m	16420	15990	16560	5	1	24530	8	0	24560
50 m	15470	15040	15610	5	2	26060	8	1	26090
45 m	15320	14890	15460	5	2	26060	8	1	26090
40 m	14490	14060	14630	5	0	23000	7	1	23020
35 m	13880	13450	14020	4	2	21460	7	0	21490
30 m	13050	12620	13190	4	1	19930	6	1	19950



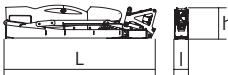
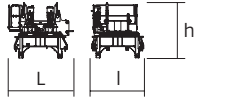
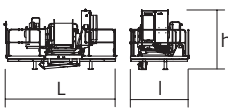
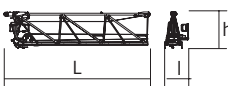
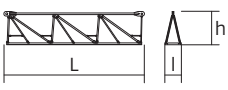
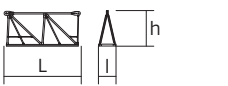
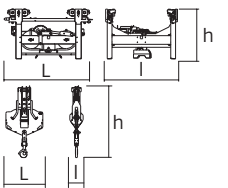
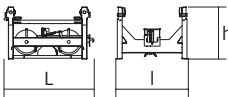
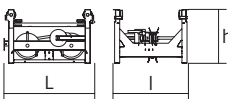
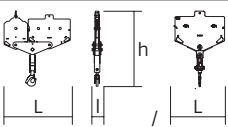
Encombrenment et poids / Abmessungen und Gewicht / Dimensions and weight / Dimensiones y peso / Ingombro e peso
dimensões e pesos / габаритные размеры и вес

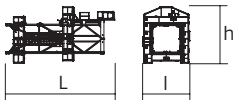
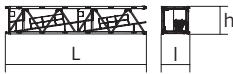
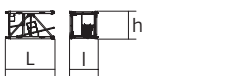
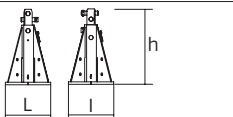
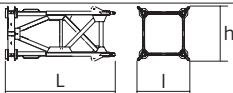
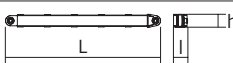
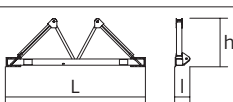
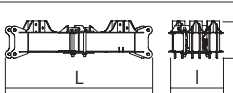
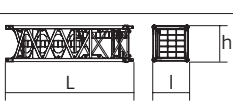
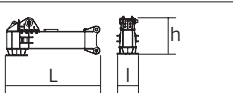
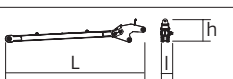
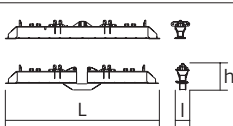
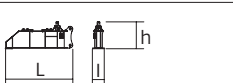
Partie tournante / Drehender Kranteil / Slewing crane part / Parte giratoria

Parte rotante / Parte rotativa / Поворотная часть :  75 m -  75 HPL™



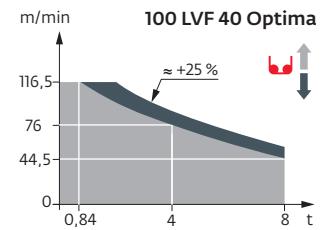
x 5

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 / Gegenausleger Counter-jib / Contra-flecha Controbraccio / Contra-lança Контр-стрела		① 12 ② 12 ③ 12	1,25 1,25 1,25	2,5 2,5 2,5	14110 13600 11540	
Mât-cabine + cabine / Kabinenmast + Kabine Cab mast + cab / Mástil-cabina + cabina Portaralla superiore + cabina / Tramo-cabina + cabina Секция мачты кабины + кабина		Ultra View	5,03	2,22	2,49	6720
Pivot / Krankopf Towerhead / Pivote Portaralla / Pivot Секция поворотной части		▣ 2 m ▣ 2,45 m	2,95 3,25	2,48 2,5	2,5 2,75	7620 8700
Treuil de levage (+ câble) / Hubwerk (+ Seil) Hoisting winch (+ rope) / Mecanismo de elevación (+ cabo) Argano di sollevamento (+ fune) Guincho de elevação (+ cabo) Подъемная лебедка (+ канатом)		75 HPL™ 110 HPL™ 100 LVF	4,27 4,86 4,27	2,3 2,28 2,3	2,32 2,52 2,32	4090 6870 5710
Elément de flèche / Auslegerelement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы		① 6 DVF	10,75	1,8	2,74	5500
Elément de flèche / Auslegerelement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы		② ③ ⑤ ⑥ ⑦	10,21 10,31 10,22 10,24 10,19	1,2 1,2 1,2 1,2 1,2	2,5 2,42 2,39 2,1 1,83	3145 2420 1560 1235 950
Elément de flèche / Auslegerelement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы		④ ⑧ ⑨	5,27 5,09 5,09	1,2 1,2 1,2	2,39 1,53 1,39	960 310 220
Chariot + Moufle / Laufkatze + Hubflasche Trolley + Pulley block/ Carrello + Aparejo Carro + Bozzello/ Carro-distribuidor + Cadernal Тележка + Полиспаст		 16 t	2,05 1,41	1,51 0,45	1,09 2,22	482 590
Chariot / Laufkatze Trolley / Carrello Carro / Carro-distribuidor Тележка		 16 t	1,77	1,53	1,05	250
Chariot / Laufkatze Trolley / Carrello Carro / Carro-distribuidor тележка		 16 t  8 t	1,77 1,82	1,53 1,53	1,05 1,05	303 303
Moufle / Hubflasche Pulley block / Aparejo Bozzello / Cadernal Полиспаст		 16 t  8 t	1,83 1,16	0,28 0,22	1,9 1,6	845 370

Pylône / Kranturm / Crane tower Mástil / Torre / Torre / Башня крана				L (m)	I (m)	h (m)	kg (+/- 5%)
T 61 T 851		2 m 2,45 m	10,83 11,18	4,14 4,84	4,47 5,8	9700 15750	
K 649B KM 649E K 85/KR 84B2 KM 850.10B KM 850.14B		2 m 2 m 2,45 m 2,45 m 2,45 m	10,23 10,29 10,24 10,32 10,32	2,07 2,03 2,54 2,54 2,54	2,03 2,03 2,5 2,51 2,51	5290 4850 9635 10070 11190	
K 649A KMT 649A KR 649A KRMT 649A K 849A KMT 849A KR 849A KRMT 849A K 85/KR 84A2 KMT 850.10A KMT 850.14A		2 m 2 m 2 m 2 m 2,45 m 2,45 m 2,45 m 2,45 m 2,45 m 2,45 m 2,45 m 2,45 m	5,23 5,23 5,23 5,23 5,23 5,23 5,23 5,23 5,24 5,32 5,32	2,07 2,07 2,1 2,1 2,53 2,55 2,53 2,55 2,54 2,54 2,54	2,03 2,03 2,08 2,08 2,5 2,53 2,5 2,53 2,5 2,51 2,51	2805 2570 3250 3050 3400 3150 4290 4090 5550 5450 5990	
K 649C KMT 649C KRMT 649C KRMT 849C		2 m 2 m 2 m 2,45 m	3,57 3,57 3,57 3,57	2,07 2,07 2,1 2,55	2,03 2,03 2,08 2,53	1985 2060 2450 3205	
Pieds de scellement / Verankerungsfüße Fixing angles / Pie de empotramiento Montante da annegare / Angulos fixadores анкера		P 62B P 800B P 854A	0,65 0,75 0,9	0,65 0,75 0,9	1,27 1,28 1,5	295 465 940	
Mât-châssis / Grundmasteinheit Basic mast unit / Tramo-chasis Elemento base / Tramo-chassis Мачта для крепления к шасси		V 60A V 63A	5,01 10,02	2,41 2,41	2,41 2,41	4390 7485	
Haubans / Mastabstützungen / Struts / Tornapuntas Puntoni / Escoras / Растяжка		V 60A V 63A	4,51 4,51	0,29 0,33	0,29 0,33	420 515	
Sommier / Unterwagenhälfte Half-bearer / Testero Testata / Estrutura base Траверса		V 60A V 63A	6,7 6,7	0,7 0,7	2,31 2,31	1600 1850	
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	
Bras de croix / Fundamentkreuzträger Cross girder / Brazo en cruz / Braccio croce / Braço da cruz Поперечная балка		ZX 6830	9,1 9,1	1,12 0,76	1,1 1,48	5265 5445	
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		
	75 HPL™ 40	m/min	33,5	44	63	110	167	17,5	23	33	57,5	83,5	75	55	539 m	
		t	8	6	4	2	0,5	16	12	8	4	1,4				
	110 HPL™ 40	m/min	50,5	65,5	92	134	194	26	34	48	68,5	102,5	110	82	1140 m	
		t	8	6	4	2	0,2	16	12	8	4	0,4				
	100 LVF 40 Optima	m/min	44,5	57	76	99	116,5	23	30	40	52	58,5	100	75	1136 m	
		t	8	6	4	2	0,84	16	12	8	3,5	2,74				
	6 DVF 6 Optima	m/min	0 → 42 (16 t) 0 → 84 (8 t) 0 → 100 (4 t)										5,5	4		
	RVF 172 Optima+	tr/min U/min rpm	0 → 0,8										2 x 10	2 x 7,5		
																



IEC 60204-32		kVA	
400 V (+10% -10%) 50 Hz		75 HPL™: 84 → 54 kVA 110 HPL™: 112 → 68 kVA 100 LVF: 104 → 64 kVA	

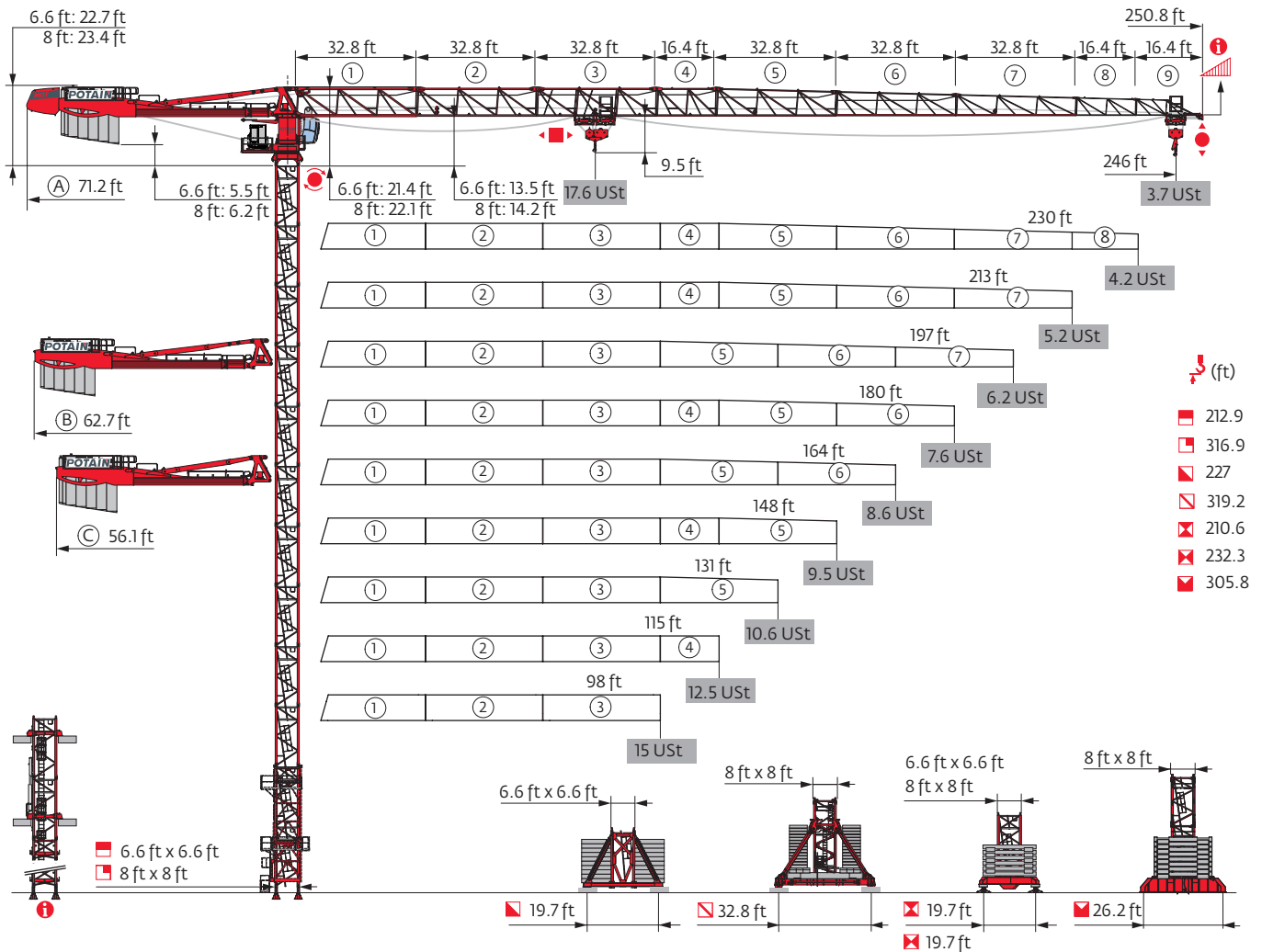
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	Profil de vent suivant EN 14439 C25-D25	Windbedingungen gemäß EN 14439 C25-D25	Wind conditions according to EN 14439 C25-D25	Conformidad de los condiciones de viento EN 14439 C25-D25	Condizioni del vento secondo EN 14439 C25-D25	Perfil de vento conforme EN 14439 C25-D25	Ветровой режим в соответствии с EN 14439 C25-D25
	Appel de flèche	Auslegerüberhöhung	Jib elevation	Elevación de la flecha	Inclinazione braccio	Desvio da lança	подъем стрелы
	Équipements standards	Standardausrüstungen	Standard equipment	Equipamiento de serie	Equipaggiamento standard	Equipamento de série	Стандартное оборудование
	Équipements optionnels	Sonderausrüstungen	Options	Equipamiento opcional	Equipaggiamento in opzione	Equipamento opcional	Дополнительное оборудование (опция)
	Fonction Potain Plus : Courbes de charges Plus	Funktion Potain Plus: Plus-Lastkurven	Potain Plus function: Plus load curves	Función Potain Plus: Diagrama de cargas Plus	Funzione Potain Plus: Curve di carico Plus	Função Potain Plus: Diagrama de cargas Plus	Функция контроля мощности Potain Plus: Диаграммы грузоподъемности Plus
	Hauteurs sous crochet associées aux courbes de charges Plus	Hakenhöhen mit Plus-Lastkurven	Hook heights with Plus load curves	Altura bajo gancho, usando el diagrama de cargas Plus	Altezze sotto gancio con curve di carico Plus	Altura livre, utilizando o diagrama de cargas Plus	Высота под крюком для диаграмм грузоподъемности Plus
	Réactions en service	Reaktionskräfte in Betrieb	Reactions in service	Reacciones en servicio	Reazioni in servizio	Reacções 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 total du lest	Ballast-Gesamtgewicht	Total ballast weight	Peso total del lastre	Peso totale della zavorra	Peso total do lastro	Общий вес балласта
	Cadre d'ancrage serré	Fester Verankerungsrahmen	Tightened anchorage frame	Marco de anclaje de apriete	Quadro di ancoraggio stretto	Quadro de amarração apertado	Прикрепленная анкерная рама
	Cadre d'ancrage desserré	Looser Verankerungsrahmen	Loosened anchorage frame	Marco de anclaje de desapriete	Quadro di ancoraggio allentato	Quadro de amarração solto	Отсоединенная анкерная рама
	Poids de flèche	Auslegergewicht	Jib weight	Peso de flecha	Peso del braccio	Peso da lança	вес стрелы
	Camion 13,4 m	Lkw 13,4 m	Lorry 13,4 m	Camión 13,4 m	Camião 13,4 m	Camião 13,4 m	Ррузовой автомобиль 13,4 м
	Conteneur High Cube 40', et/ou Flat Rack 20'	Container High Cube 40', und/oder 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
	Levage	Heben	Hoisting	Elevación	Sollevamento	Elevação	Подъем
	Distribution	Katzfahren	Trolleying	Distribución	Distribuzione	Distribuição	Перемещение по стреле
	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.

POTAIN®

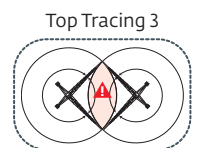
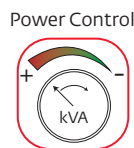
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MDT 389 L16



MAXIM
Crane Works, L.P.
1-877-MAX-LIFT



Mast - Reactions

6.6 ft - P 602B										
Mast (ft)	98	115	131	148	164	180	197	213	230	246
⌋ (ft)	212.9	212.9	212.9	212.9	212.9	212.9	212.9	196.5	202.1	202.1
⌋/P ₊ (ft)	202.1	196.5	202.1	202.1	202.1	202.1	202.1	196.5	202.1	202.1
10.9 ft	1	1	1	1	1	1	1	1	0	0
16.4 ft	12	12	12	12	12	12	12	11	12	12
F2 (Ust)	● 224	225	223	221	223	221	223	222	229	231
	■ 259	263	263	259	266	268	272	240	262	270
F3 (Ust)	● 153	153	150	146	147	145	147	146	151	154
	■ 196	199	198	192	200	200	204	172	194	201

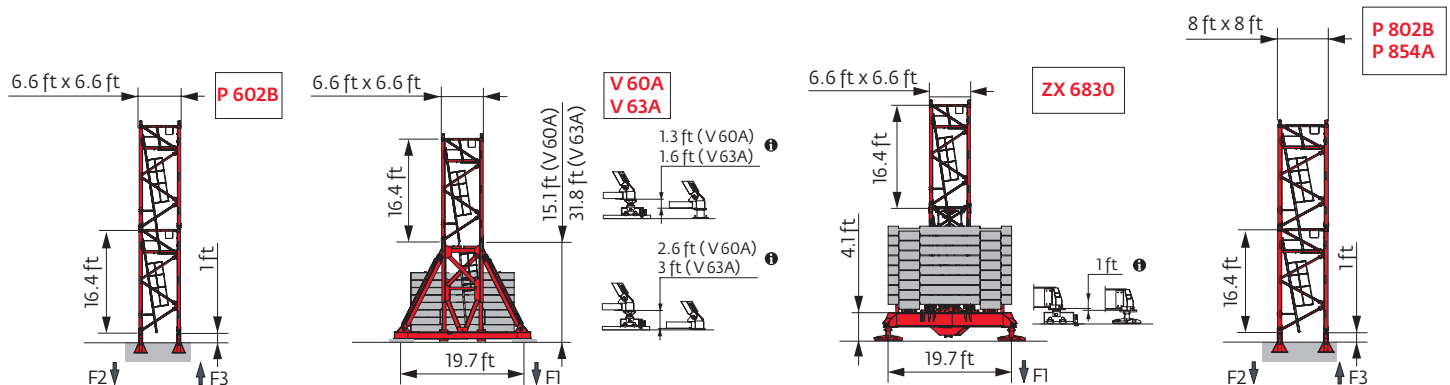
6.6 ft - V 63A -										
Mast (ft)	98	115	131	148	164	180	197	213	230	246
⌋ (ft)	216.2	216.2	216.2	227	227	227	221.8	216.2	216.2	216.2
⌋/P ₊ (ft)	199.8	194.2	199.8	199.8	199.8	205.4	199.8	210.6	210.6	205.4
10.9 ft	0	0	0	1	1	1	2	0	0	0
16.4 ft	11	11	11	11	11	11	10	11	11	11
F1 (Ust)	● 128	129	129	133	133	133	132	133	133	133
	■ 133	135	135	148	153	153	148	144	150	155

8 ft - P 802B										
Mast (ft)	98	115	131	148	164	180	197	213	230	246
⌋ (ft)	267.7	267.7	267.7	262.1	262.1	262.1	262.1	251.3	251.3	251.3
⌋/P ₊ (ft)	267.7	267.7	267.7	262.1	262.1	262.1	262.1	251.3	251.3	251.3
10.9 ft	0	0	0	1	1	1	1	0	0	0
16.4 ft	16	16	16	15	15	15	15	15	15	15
F2 (Ust)	● 249	251	249	244	245	242	243	240	242	244
	■ 399	403	403	388	394	396	399	371	379	385
F3 (Ust)	● 165	165	163	156	157	154	155	152	153	155
	■ 324	326	325	309	315	316	319	291	299	306

6.6 ft - V 60A -										
Mast (ft)	98	115	131	148	164	180	197	213	230	246
⌋ (ft)	216.2	216.2	216.2	216.2	216.2	216.2	216.2	205	205	205
⌋/P ₊ (ft)	199.8	194.2	199.8	199.8	199.8	205	199.8	205	205	205
10.9 ft	0	0	0	0	0	0	0	2	2	2
16.4 ft	12	12	12	12	12	12	12	10	10	10
F1 (Ust)	● 128	129	125	125	125	125	126	128	128	129
	■ 130	132	132	129	133	134	136	127	133	138

6.6 ft - ZX 6830 -										
Mast (ft)	98	115	131	148	164	180	197	213	230	246
⌋ (ft)	210.6	210.6	210.6	205	205	210.6	210.6	194.2	194.2	194.2
⌋/P ₊ (ft)	199.5	194.2	199.5	199.5	205	205	205	194.2	194.2	194.2
10.9 ft	2	2	2	0	0	2	2	2	2	2
16.4 ft	11	11	11	12	12	11	11	10	10	10
F1 (Ust)	● 124	122	122	120	124	122	123	120	120	121
	■ 123	124	124	117	121	126	129	115	118	122

8 ft - P 854A										
Mast (ft)	98	115	131	148	164	180	197	213	230	246
⌋ (ft)	316.9	316.9	316.9	316.9	316.9	316.9	316.9	316.9	311.4	305.8
⌋/P ₊ (ft)	316.9	316.9	316.9	316.9	316.9	316.9	316.9	316.9	311.4	305.8
10.9 ft	0	0	0	0	0	0	0	0	1	2
16.4 ft	19	19	19	19	19	19	19	19	18	17
F2 (Ust)	● 308	309	307	306	307	304	305	317	312	310
	■ 576	580	580	577	584	585	588	598	589	582
F3 (Ust)	● 210	210	207	205	206	203	204	213	210	208
	■ 488	490	489	485	491	492	496	504	496	488

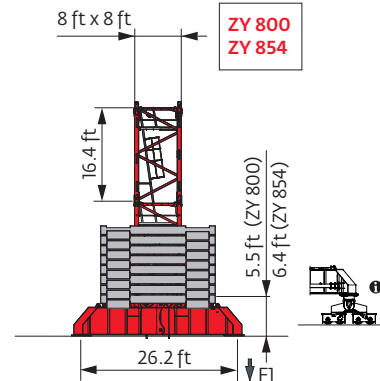
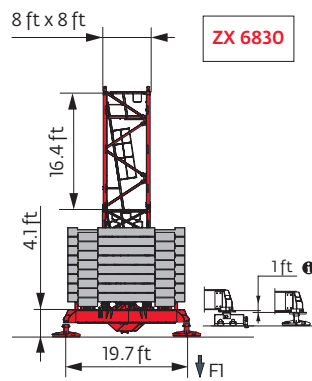
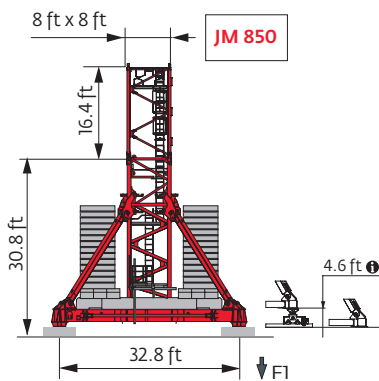


8 ft - JM 850 - 										
AVAIL (ft)	98	115	131	148	164	180	197	213	230	246
 (ft)	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	314
 /P ₊ (ft)	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	314
 10.9 ft	2	2	2	2	2	2	2	2	2	0
 16.4 ft	16	16	16	16	16	16	16	16	16	17
FI (Ust)	● 161	162	162	160	160	159	163	165	166	158
	■ 239	241	241	239	242	243	244	247	251	233

8 ft - ZX 6830 - 										
AVAIL (ft)	98	115	131	148	164	180	197	213	230	246
 (ft)	232.3	232.3	232.3	232.3	232.3	232.3	227	227	221.5	221.5
 /P ₊ (ft)	232.3	232.3	232.3	232.3	232.3	232.3	227	227	221.5	221.5
 10.9 ft	1	1	1	1	1	1	2	2	0	0
 16.4 ft	13	13	13	13	13	13	12	12	13	13
FI (Ust)	● 149	150	150	147	151	150	146	149	146	147
	■ 188	190	190	186	191	192	186	191	183	188

8 ft - ZY 800 - 										
AVAIL (ft)	98	115	131	148	164	180	197	213	230	246
 (ft)	255.6	255.6	255.6	255.6	255.6	255.6	255.6	244.8	244.8	244.8
 /P ₊ (ft)	255.6	255.6	255.6	255.6	255.6	255.6	255.6	244.8	244.8	244.8
 10.9 ft	0	0	0	0	0	0	0	2	2	2
 16.4 ft	15	15	15	15	15	15	15	13	13	13
FI (Ust)	● 140	144	141	142	142	142	146	139	143	143
	■ 186	187	188	185	191	192	194	185	191	194

8 ft - ZY 854 - 										
AVAIL (ft)	98	115	131	148	164	180	197	213	230	246
 (ft)	305.8	305.8	305.8	305.8	305.8	305.8	305.8	305.8	300.2	295
 /P ₊ (ft)	305.8	305.8	305.8	305.8	305.8	305.8	305.8	305.8	300.2	295
 10.9 ft	0	0	0	0	0	0	0	0	1	2
 16.4 ft	18	18	18	18	18	18	18	18	17	16
FI (Ust)	● 191	192	196	193	197	197	197	202	201	196
	■ 280	283	284	283	287	289	291	297	296	291



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) / 6.6 ft - V 60A - 🚧											
⚙️ (ft)	98	115	131	148	164	180	197	213	230	246	
216.2	132.3	132.3	119.1	119.1	119.1	119.1	119.1				
205	119.1	119.1	119.1	119.1	105.8	105.8	105.8	119.1	119.1	119.1	
188.6	105.8	105.8	105.8	105.8	105.8	92.6	92.6	105.8	105.8	105.8	
172.2	105.8	105.8	105.8	92.6	92.6	92.6	92.6	92.6	79.4	79.4	
155.8	105.8	105.8	92.6	92.6	92.6	79.4	79.4	66.1	66.1	66.1	
139.4	92.6	92.6	92.6	79.4	79.4	79.4	66.1	66.1	52.9	66.1	
123	92.6	92.6	92.6	79.4	79.4	79.4	66.1	52.9	52.9	52.9	

⚙️ (Ust) / 6.6 ft - ZX 6830 - 🚧											
⚙️ (ft)	98	115	131	148	164	180	197	213	230	246	
210.6	122.4	111.3	111.3			111.3	111.3				
205	111.3	111.3	111.3	111.3	111.3	100.3	100.3				
194.2	111.3	111.3	100.3	100.3	100.3	89.3	89.3	100.3	100.3	100.3	
177.8	100.3	100.3	100.3	100.3	89.3	89.3	89.3	89.3	89.3	89.3	
161.4	100.3	100.3	89.3	89.3	89.3	78.3	78.3	67.2	67.2	67.2	
145	89.3	89.3	89.3	78.3	78.3	78.3	67.2	56.2	56.2	56.2	
128.6	89.3	89.3	89.3	78.3	78.3	78.3	67.2	56.2	45.2	56.2	
112.2	89.3	89.3	89.3	78.3	78.3	78.3	67.2	56.2	45.2	56.2	

⚙️ (Ust) / 8 ft - JM 850 - 🚧											
⚙️ (ft)	98	115	131	148	164	180	197	213	230	246	
319.2	185.2	185.2	185.2	172	172	172	185.2	185.2	185.2		
314	158.7	158.7	145.5	145.5	145.5	145.5	145.5	145.5	158.7	158.7	
297.6	132.3	119.1	119.1	119.1	119.1	119.1	119.1	119.1	132.3	132.3	
281.2	105.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	105.8	105.8	
264.8	79.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	79.4	79.4	
248.4 ↓	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	
133.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	

⚙️ (Ust) / 8 ft - ZY 800 - 🚧											
⚙️ (ft)	98	115	131	148	164	180	197	213	230	246	
255.6	119.1	132.3	119.1	119.1	119.1	119.1	132.3				
244.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	119.1	119.1	
228.4	79.4	79.4	79.4	66.1	79.4	79.4	79.4	79.4	79.4	92.6	
211.9	66.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	66.1	
195.5	52.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
179.1	39.7	39.7	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	
162.7 ↓	26.5	26.5	26.5	26.5	26.5	13.2	13.2	13.2	13.2	13.2	
129.9	26.5	26.5	26.5	26.5	26.5	13.2	13.2	13.2	13.2	13.2	

⚙️ (Ust) / 6.6 ft - V 63A - 🚧											
⚙️ (ft)	98	115	131	148	164	180	197	213	230	246	
227				132.3	132.3	132.3					
221.8				132.3	132.3	132.3	132.3				
216.2	132.3	132.3	132.3	119.1	119.1	119.1	119.1	132.3	132.3	132.3	
199.8	119.1	119.1	119.1	105.8	105.8	105.8	105.8	119.1	119.1	119.1	
183.4	105.8	105.8	105.8	105.8	105.8	92.6	92.6	105.8	92.6	92.6	
167	105.8	105.8	105.8	92.6	92.6	92.6	92.6	79.4	79.4	79.4	
150.6	92.6	92.6	92.6	79.4	79.4	79.4	79.4	66.1	66.1	66.1	
134.2	92.6	92.6	79.4	79.4	79.4	66.1	66.1	52.9	52.9	66.1	
117.8	92.6	92.6	79.4	79.4	79.4	66.1	66.1	52.9	52.9	52.9	

⚙️ (Ust) / 8 ft - ZX 6830 - 🚧											
⚙️ (ft)	98	115	131	148	164	180	197	213	230	246	
232.3	166.5	166.5	166.5	155.4	166.5	166.5					
227	155.4	155.4	155.4	144.4	155.4	155.4	155.4	155.4			
221.5	144.4	144.4	144.4	133.4	133.4	133.4	144.4	144.4	155.4	155.4	
205.1	122.4	122.4	122.4	111.3	111.3	111.3	122.4	122.4	122.4	122.4	
188.7	111.3	100.3	100.3	100.3	100.3	100.3	89.3	100.3	100.3	100.3	
172.2	89.3	89.3	89.3	78.3	78.3	78.3	78.3	89.3	89.3	78.3	
155.8	89.3	89.3	89.3	78.3	78.3	78.3	67.2	67.2	67.2	67.2	
139.4	89.3	89.3	89.3	78.3	78.3	78.3	67.2	56.2	45.2	56.2	

⚙️ (Ust) / 8 ft - ZY 854 - 🚧											
⚙️ (ft)	98	115	131	148	164	180	197	213	230	246	
305.8	224.9	224.9	238.1	224.9	238.1	238.1	238.1	238.1			
300.2	224.9	224.9	224.9	211.6	224.9	224.9	224.9	224.9	238.1		
295	211.6	211.6	211.6	198.4	211.6	211.6	211.6	211.6	224.9	224.9	
278.5	172	172	172	158.7	172	172	172	172	185.2	185.2	
262.1	132.3	132.3	132.3	119.1	132.3	132.3	132.3	132.3	145.5	145.5	
245.7	105.8	105.8	105.8	92.6	92.6	92.6	92.6	105.8	105.8	119.1	
229.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	79.4	79.4	
212.9	52.9	52.9	39.7	39.7	39.7	39.7	39.7	52.9	52.9	52.9	
196.5	39.7	39.7	26.5	26.5	26.5	26.5	26.5	39.7	39.7	39.7	
180.1	26.5	26.5	26.5	13.2	13.2	13.2	13.2	26.5	13.2	13.2	
163.7	26.5	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	
147.3 ↓	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	
130.9	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	

Load curves



		(ft)	56	66	82	89	98	105	115	121	131	138	148	154	164	180	187	197	213	220	230	236	246	ft
	17.6 USt	8.8 USt																						
246	11 → 61	112 - 122	17.6	16.4	12.8	11.7	10.3	9.6	8.8	8.8	8.2	7.8	7.1	6.7	6.2	5.4	5.2	4.8	4.3	4.1	3.9	3.7	3.5	USt
	11 → 67	118 - 128	17.6	17.6	14.1	12.9	11.4	10.4	9.2	8.8	8.5	8	7.4	7	6.4	5.7	5.4	5.1	4.6	4.4	4.1	3.9	3.7	USt P+
230	11 → 65	118 - 128	17.6	17.3	13.6	12.5	11	10.2	9.1	8.8	8.5	8	7.3	6.9	6.3	5.5	5.3	4.9	4.4	4.3	4			USt
	11 → 69	120 - 130	17.6	17.6	14.5	13.3	11.6	10.6	9.3	8.8	8.7	8.1	7.5	7.1	6.5	5.8	5.5	5.2	4.6	4.5	4.2			USt P+
213	11 → 69	127 - 138	17.6	17.6	14.7	13.4	11.9	11.1	10	9.3	8.8	8.8	8.2	7.7	7.1	6.3	6	5.6	5.1					USt
	11 → 74	129 - 140	17.6	17.6	15.5	14.1	12.4	11.5	10.3	9.6	8.8	8.8	8.2	7.8	7.3	6.5	6.2	5.8	5.2					USt P+
197	11 → 74	132 - 143	17.6	17.6	15.6	14.2	12.6	11.7	10.5	9.8	8.9	8.8	8.5	8.1	7.5	6.7	6.4	6.1						USt
	11 → 79	138 - 148	17.6	17.6	16.8	15.3	13.5	12.4	11.1	10.4	9.4	8.8	8.8	8.4	7.8	6.9	6.6	6.2						USt P+
180	11 → 74	137 - 148	17.6	17.6	15.9	14.6	13	12	10.9	10.2	9.3	8.8	8.8	8.4	7.9	7.1								USt
	11 → 80	146 - 157	17.6	17.6	17.1	15.7	13.9	13	11.7	11	10	9.4	8.8	8.8	8.4	7.6								USt P+
164	11 → 75	137 - 148	17.6	17.6	15.9	14.6	13	12.1	10.9	10.2	9.3	8.8	8.8	8.4	7.9									USt
	11 → 81	149 - 161	17.6	17.6	17.5	16.1	14.3	13.3	12	11.2	10.3	9.7	8.9	8.8	8.6									USt P+
148	11 → 78	143 - 148	17.6	17.6	16.7	15.3	13.6	12.7	11.4	10.7	9.8	9.2	8.8											USt
	11 → 85		17.6	17.6	17.6	16.9	15	13.9	12.6	11.8	10.8	10.2	9.4											USt P+
131	11 → 77		17.6	17.6	16.4	15	13.3	12.3	11.1	10.4	9.5													USt
	11 → 84		17.6	17.6	17.6	16.5	14.6	13.6	12.2	11.4	10.4													USt P+
115	11 → 78		17.6	17.6	16.6	15.2	13.4	12.5	11.2															USt
	11 → 84		17.6	17.6	17.6	16.7	14.8	13.7	12.3															USt P+
98	11 → 78		17.6	17.6	16.7	15.3	13.5																	USt
	11 → 85		17.6	17.6	17.6	16.8	14.9																	USt P+

$$U_{LH} = U_{LH} - 0.97 \text{ USt max.}$$



		(ft)	56	66	82	89	98	105	115	121	131	138	148	154	164	180	187	197	213	220	230	236	246	ft
	17.6 USt	8.8 USt																						
246	8 → 62	114 - 117	17.6	16.5	12.9	11.9	10.5	9.7	8.8	8.4	7.7	7.2	6.6	6.2	5.7	4.9	4.7	4.3	3.8	3.6	3.3	3.2	2.95	USt
	8 → 68	120 - 122	17.6	17.6	14.2	13	11.5	10.5	9.3	8.8	8	7.5	6.8	6.5	5.9	5.2	4.9	4.6	4	3.8	3.6	3.4	3.2	USt P+
230	8 → 65	119 - 122	17.6	17.5	13.7	12.6	11.2	10.4	9.3	8.8	8	7.5	6.8	6.4	5.8	5	4.8	4.4	3.9	3.8	3.5			USt
	8 → 70	121 - 125	17.6	17.6	14.7	13.4	11.7	10.7	9.5	8.8	8.1	7.6	7	6.6	6	5.3	5	4.7	4.1	3.9	3.7			USt P+
213	8 → 70	129 - 132	17.6	17.6	14.8	13.6	12.1	11.2	10.1	9.5	8.8	8.4	7.7	7.3	6.7	5.8	5.5	5.1	4.6					USt
	8 → 74	131 - 134	17.6	17.6	15.7	14.3	12.6	11.6	10.4	9.7	8.8	8.5	7.8	7.4	6.8	6	5.7	5.4	4.8					USt P+
197	8 → 74	134 - 138	17.6	17.6	15.7	14.4	12.8	11.8	10.6	10	9.1	8.8	8.1	7.7	7.1	6.3	6.1	5.7						USt
	8 → 79	140 - 143	17.6	17.6	16.9	15.5	13.6	12.6	11.3	10.5	9.6	9	8.5	8	7.4	6.5	6.3	5.8						USt P+
180	8 → 75	139 - 142	17.6	17.6	16	14.7	13.1	12.2	11	10.3	9.5	8.9	8.5	8	7.5	6.7								USt
	8 → 81	148 - 151	17.6	17.6	17.3	15.9	14.1	13.1	11.8	11.1	10.1	9.6	8.8	8.6	8	7.2								USt P+
164	8 → 75	140 - 143	17.6	17.6	16	14.8	13.1	12.2	11	10.4	9.5	8.9	8.5	8.1	7.5									USt
	8 → 82	151 - 151	17.6	17.6	17.6	16.2	14.4	13.4	12.1	11.4	10.4	9.8	9.1	8.7	8.2									USt P+
148	8 → 78	146 - 148	17.6	17.6	16.8	15.5	13.8	12.8	11.6	10.9	10	9.4	8.8											USt
	8 → 86		17.6	17.6	17.6	17	15.2	14.1	12.8	12	10.9	10.3	9.5											USt P+
131	8 → 78		17.6	17.6	16.6	15.2	13.4	12.5	11.2	10.5	9.6													USt
	8 → 84		17.6	17.6	17.6	16.7	14.8	13.7	12.4	11.6	10.6													USt P+
115	8 → 78		17.6	17.6	16.7	15.3	13.6	12.6	11.4															USt
	8 → 85		17.6	17.6	17.6	16.9	14.9	13.9	12.5															USt P+
98	8 → 79		17.6	17.6	16.8	15.4	13.7																	USt
	8 → 85		17.6	17.6	17.6	17	15																	USt P+

$$U_{LH} = U_{LH} - 0.29 \text{ USt max.}$$

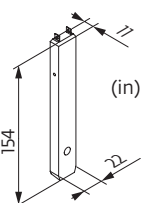
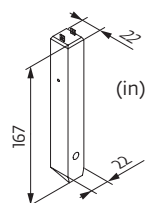
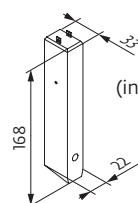
Jib weight & counter-jib ballast

	(lb) (+/- 5%)			(lb)			(lb)		
	10,141 lb	3,373 lb	57,452 lb	10,141 lb	3,373 lb	57,452 lb	10,141 lb	3,373 lb	57,452 lb
246 ft	39,904	38,790	40,212	5	2	57,452	8	1	57,519
230 ft	39,330	38,250	39,639	5	2	57,452	8	1	57,519
213 ft	38,471	37,457	38,779	5	2	57,452	8	1	57,519
197 ft	36,200	35,252	36,509	5	1	54,079	8	0	54,146
180 ft	36,200	35,252	36,509	5	1	54,079	8	0	54,146
164 ft	34,106	33,158	34,414	5	2	57,452	8	1	57,519
148 ft	33,775	32,827	34,083	5	2	57,452	8	1	57,519
131 ft	31,945	30,997	32,254	5	0	50,706	7	1	50,750
115 ft	30,600	29,652	30,909	4	2	47,311	7	0	47,377
98 ft	28,770	27,822	29,079	4	1	43,938	6	1	43,982

CBS - 10,141 lb

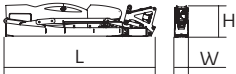
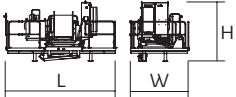
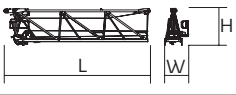
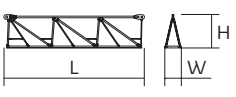
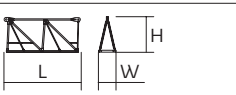
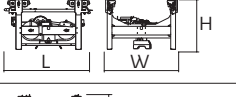
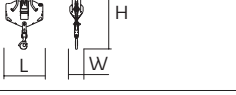
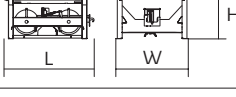
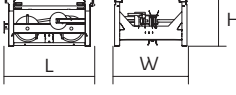
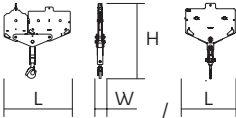
CBU - 6,768 lb

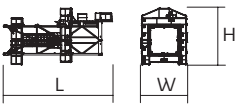
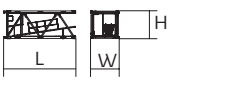
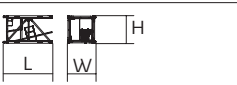
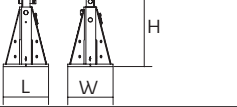
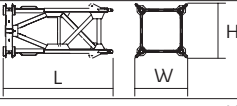
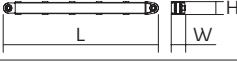
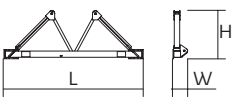
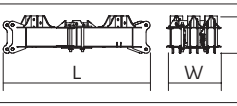
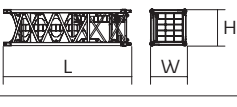
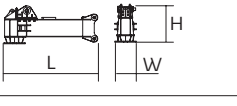
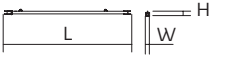
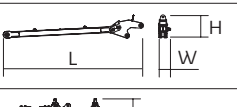
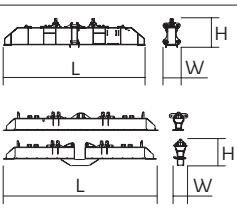
CBY - 3,373 lb



Dimensions and weight

Slewing crane part :  246 ft -  90 HPL™

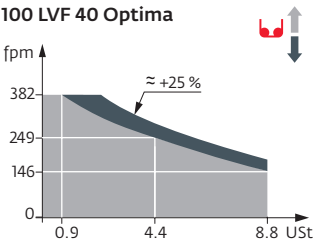
Slewing crane part			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		(A) (B) (C)	39.4 39.4 39.4	4.1 4.1 4.1	8.2 8.2 8.2	31,107 29,983 25,441
Cab mast + cab		Ultra View	16.5	7.3	8.2	14,815
Towerhead		 6.6 ft  8 ft	9.7 10.7	8.1 8.2	8.2 9	16,799 19,180
Hoisting winch (+ rope)		90 HPL™ 132 HPL™ 100 LVF	14 15.9 14	7.5 7.5 7.5	7.6 8.3 7.6	9,017 15,146 12,588
Jib section		① 6 DVF	35.3	5.9	9	12,125
Jib section		② ③ ⑤ ⑥ ⑦	33.5 33.8 33.5 33.6 33.4	3.9 3.9 3.9 3.9 3.9	8.2 7.9 7.8 6.9 6	6,934 5,335 3,439 2,723 2,094
Jib section		④ ⑧ ⑨	17.3 16.7 16.7	3.9 3.9 3.9	7.8 5 4.6	2,116 683 485
Trolley		 17.6 USt	6.7	5	3.6	1,063
Pulley block		 17.6 USt	4.6	1.5	7.3	1,301
Trolley		 17.6 USt	5.8	5	3.4	551
Trolley		 17.6 USt  8.8USt	5.8 6	5 5	3.4 3.4	668 668
Pulley block		 17.6 USt  8.8 USt	6 3.8	0.9 0.7	6.2 5.2	1,863 816

Crane tower			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Telescopic cage T 61 Telescopic cage T 851		□ 6.6 ft □ 8 ft	35.5 36.7	13.6 15.9	14.7 19	21,385 34,723
K 649B KM 649E K 85/KR 84B2 KM 850.10B KM 850.14B		□ 6.6 ft □ 6.6 ft □ 8 ft □ 8 ft □ 8 ft	33.6 33.8 33.6 33.9 33.9	6.8 6.7 8.3 8.3 8.3	6.7 6.7 8.2 8.2 8.2	11,663 10,692 21,242 22,201 24,670
K 649A KMT 649A KR 649A KRMT 649A K 849A KMT 849A KR 849A KRMT 849A K 85/KR 84A2 KMT 850.10A KMT 850.14A		□ 6.6 ft □ 6.6 ft □ 6.6 ft □ 6.6 ft □ 8 ft □ 8 ft □ 8 ft □ 8 ft □ 8 ft □ 8 ft □ 8 ft □ 8 ft	17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.5 17.5	6.8 6.8 6.9 6.9 8.3 8.4 8.3 8.3 8.3 8.3 8.3	6.7 6.7 6.8 6.8 8.2 8.3 8.2 8.3 8.2 8.2 8.2	6,184 5,666 7,165 6,724 7,496 6,945 9,458 9,017 12,236 12,015 13,206
K 649C KMT 649C KRMT 649C KRMT 849C		□ 6.6 ft □ 6.6 ft □ 6.6 ft □ 8 ft	11.7 11.7 11.7 11.7	6.8 6.8 6.9 8.4	6.7 6.7 6.8 8.3	4,376 4,542 5,401 7,066
Fixing angles		P 602B P 802B P 854A	2.1 2.5 3	2.1 2.5 3	4.2 4.2 4.9	650 1,025 2,072
Basic mast unit		V 60A V 63A	16.4 32.9	7.9 7.9	7.9 7.9	9,674 16,502
Struts		V 60A V 63A	14.8 14.8	1 1.1	1 1.1	919 1,135
Half-bearer		V 60A V 63A	22 22	2.3 2.3	7.6 7.6	3,519 4,079
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 ZX 6830	39.2 39 29.9 29.9	4.6 4.7 3.7 2.5	6.3 7.4 3.6 4.9	22,212 29,432 11,607 12,004

Mechanisms

480 V - 60 Hz													hp	kW	
	90 HPL™ 40	fpm	133	174	249	366	548	69	90	130	190	274	90	66	1,768 ft
		USt	8.8	6.6	4.4	2.2	0.6	17.6	13.2	8.8	4.4	1.5			
	132 HPL™ 40	fpm	198	259	363	525	671	102	135	189	269	336	132	98	3,740 ft
		USt	8.8	6.6	4.4	2.2	0.8	17.6	13.2	8.8	4.4	2			
	100 LVF 40 Optima	fpm	146	187	249	325	382	76	98	131	171	192	100	75	3,727 ft
		USt	8.8	6.6	4.4	2.2	0.9	17.6	13.2	8.8	3.9	3			
	6 DVF 6 Optima	fpm	0 → 138 (17.6 USt) 0 → 276 (8.8 USt) 0 → 328 (4.4 USt)										5.5	4	
	RVF 172 Optima+	rpm	0 → 0.9										2 x 10	2 x 7.5	
															

IEC 60204-32		
480 V (+6% -10%) 60 Hz	90 HPL™ : 96 → 60 kVA 132 HPL™ : 130 → 77 kVA 100 LVF : 104 → 64 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 37-01 with the assumption that this crane is considered a temporary structure used during a construction period of 2 years or less.

- Jib elevation
 Standard equipment
 Options
 Potain Plus function: Plus load curves
 Hook heights with Plus load curves
 Reactions in service
 Reactions out of service
- Total ballast weight
 Jib weight
 Lorry 44 ft
 Container High Cube 40 ft, and/or Flat Rack 20 ft
 Hoisting
 Trolleying
 Slewing
- Travelling
 Required power
 Power Control Function: winch speeds adapted to the available power
 Consult us

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

