



Technical drawing of a tower crane (MCZ 4) showing its dimensions and load capacities.

Dimensions and Load Capacities:

- Counterweight: 8 t, 37 m
- Standard loads: 16 t, 30 m, 35 m, 40 m, 45 m, 50 m
- End load: 2,8 t, 60 m
- Height: 8,3 m
- Base dimensions: 6 m, 8 m
- Counterweight dimensions: 2,45 m x 2,45 m

MCZ 4

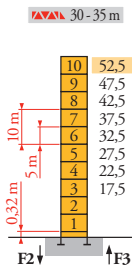




Mat / Réactions
Maste / Eckdrücke
Masts / Reactions
Mástil / Reacciones
Torre / Reazioni
Tramo / Reacções
Композиции
башни / Реакции

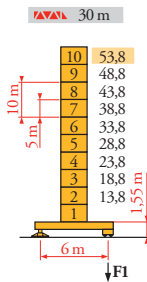
MCZ6

2 m



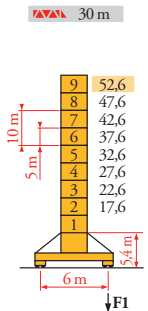
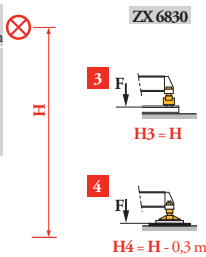
	H (m)	5 m	3,33 m
30 m			
40 m	50,8	9	1
45 m	49,1	8	2
50 m	47,5	9	-
55 m	44,1	7	2
60 m	42,5	8	-

P 62 A
F2 ● 227 t
■ 302 t
F3 ● 169 t
■ 254 t
▲ 76 t



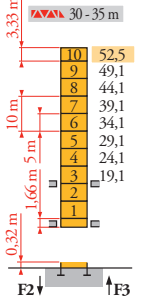
	H (m)	5 m	3,33 m
30 m			
35 m	52,1	9	1
40 m	48,8	9	-
45 m	45,4	7	2
50 m	42,1	7	1
55 m	40,4	6	2
60 m	38,8	7	-

ZX 6830
F1 ● 137 t
■ 157 t
▲ 92 t



	H (m)	5 m	3,33 m
30 m			
35 m	47,6	8	-
40 m	44,3	6	2
45 m	41	6	1
50 m	37,6	6	-
55 m	34,3	4	2
60 m	32,6	5	-

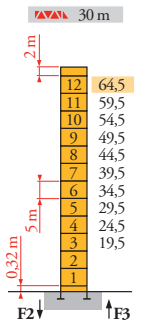
V 60 A
F1 ● 137 t
■ 130 t
▲ 97 t



	H (m)	5 m	3,33 m
30 m			
40 m	50,8	8	2
45 m	49,1	9	-
50 m	47,5	8	1
55 m	42,5	7	1
60 m	39,1	7	-

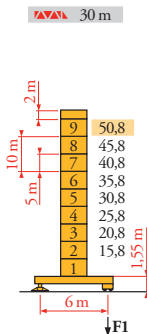
B 60 A
● 137 t
■ 157 t
▲ 92 t

2,45 m



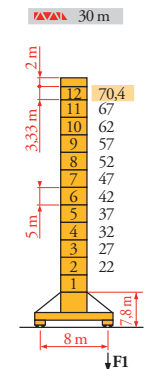
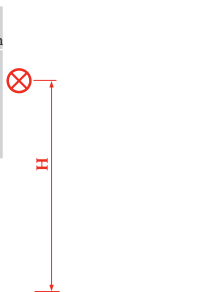
	H (m)	5 m	3,33 m
30 m			
35 m	61,1	10	2
40 m	57,8	10	1
45 m	56,1	9	2
50 m	52,8	9	1
55 m	51,1	8	2
60 m	49,5	9	-

P 800 A
F2 ● 230 t
■ 302 t
F3 ● 172 t
■ 254 t
▲ 97 t



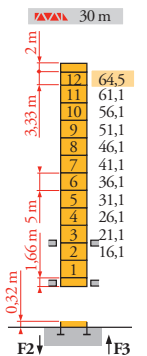
	H (m)	5 m	3,33 m
30 m			
35 m	49,1	8	1
40 m	45,8	8	-
45 m	42,4	6	2
50 m	39,1	6	1
55 m	37,4	5	2
60 m	37,4	5	2

ZX 6830
F1 ● 137 t
■ 163 t
▲ 95 t



	H (m)	5 m	3,33 m
30 m			
35 m	67	11	-
40 m	63,7	9	2
45 m	62	10	-
50 m	58,7	8	2
55 m	55,4	8	1
60 m	53,7	7	2

Y 800 A
F1 ● 149 t
■ 196 t
▲ 137 t



	H (m)	5 m	3,33 m
30 m			
35 m	61,1	11	-
40 m	57,8	9	2
45 m	56,1	10	-
50 m	52,8	8	2
55 m	51,1	9	-
60 m	49,5	8	1

B 800 B
● 137 t
■ 157 t
▲ 92 t

FR

- Réactions en service
- Réactions hors service
- ▲ A vide sans lest (ni train de transport) avec flèche et hauteur maximum.

DE

- Reaktionskräfte in Betrieb
- Reaktionskräfte außer Betrieb
- Ohne Last, Ballast (und Transportachse), mit Maximalausleger und Maximalhöhe.

EN

- Reactions in service
- Reactions out of service
- Without load, ballast (or transport axles), with maximum jib and maximum height.

ES

- Reacciones en servicio
- Reacciones fuera de servicio
- Sin carga, sin lastre, (ni tren de transporte), flecha y altura máxima.

IT

- Reazioni in servizio
- Reazioni fuori servizio
- A vuoto, senza zavorra (ne assali di trasporto) con braccio massimo e altezza massima.

PT

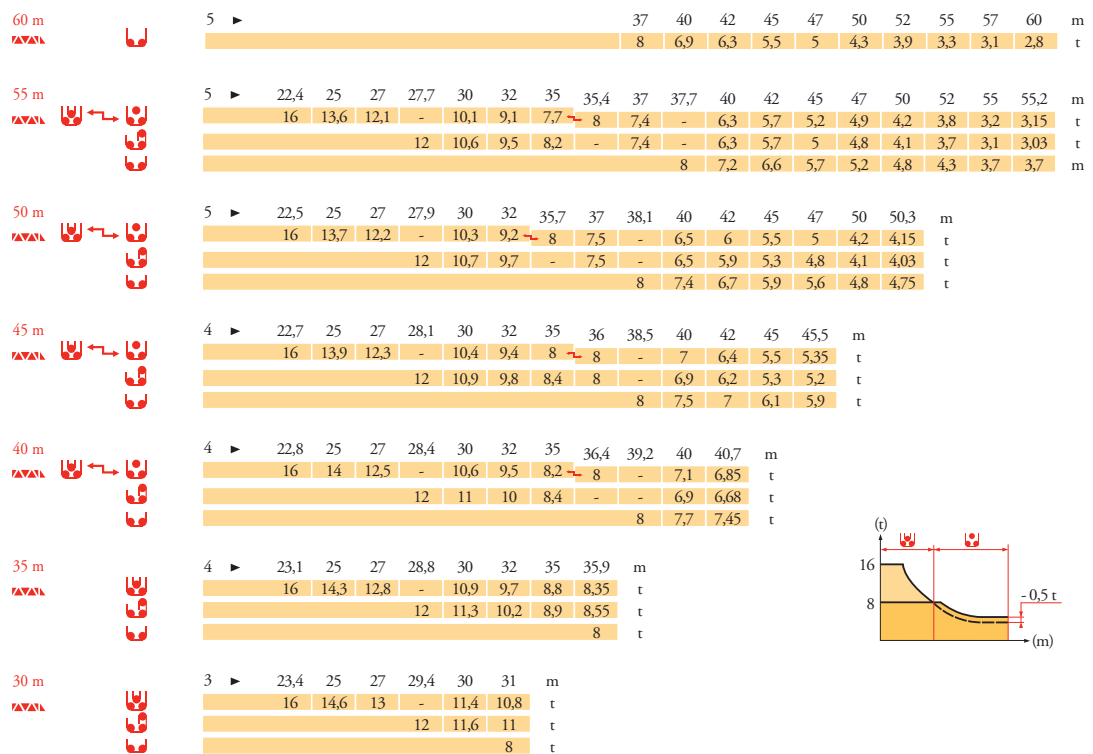
- Reacções em serviço
- Reacções fora de serviço
- Sem carga (nem trem de transporte)- sem lastro com lança e altura máximas.

RU

- Реакции при работе
- Реакции в покое
- Вес без груза, балласта (или транспортных осей), с максимальной длиной стрелы и максимальной высотой.

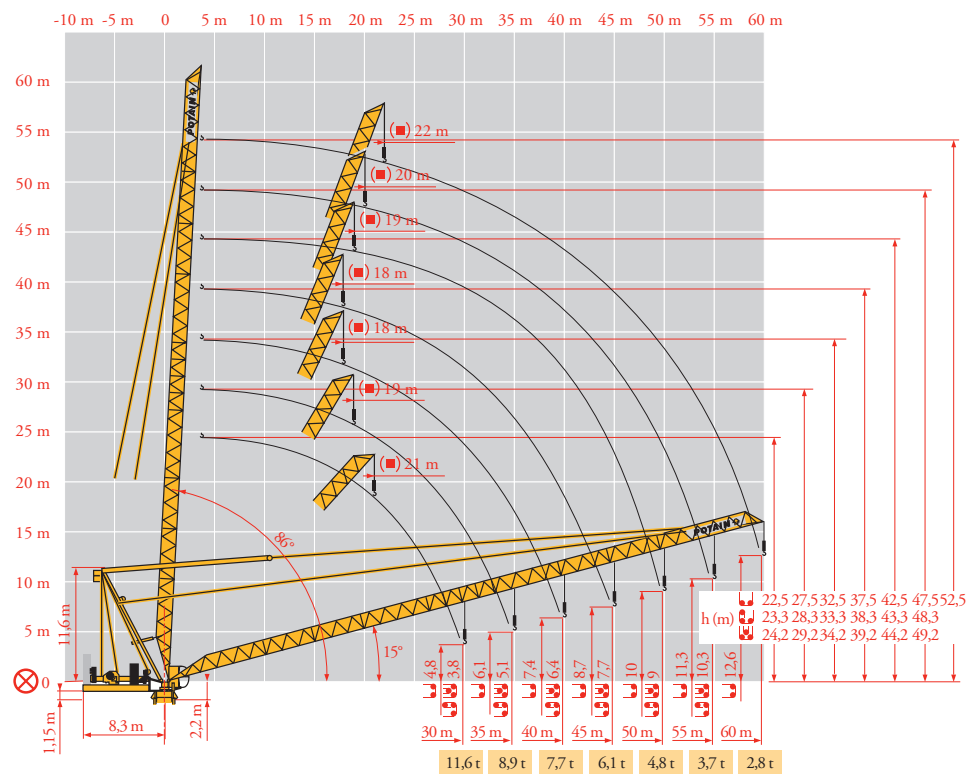
Courbes de charges
Lastkurven
Load diagrams
Curvas de cargas
Curve di carico
Curva de cargas
Диаграммы
грузоподъемностей

MCZ 6



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

MCZ4



FR	DE	EN	ES	IT	PT	RU
 Axe articulation flèche	Ausleger-gelenkachse	Jib hinge shaft	Eje articulación de flecha	Asse cerniera braccio	Eixo de articulação da lança	Ось шарнира стрелы
 Position girouette	Windfreistellung	Weathervaning position	Posición eleta	Libera rotazione	Posição em catavento	Флюгирование



Mécanismes
Antriebe
Mechanisms
Mecanismos
Meccanismi
Mecanismos
Механизмы

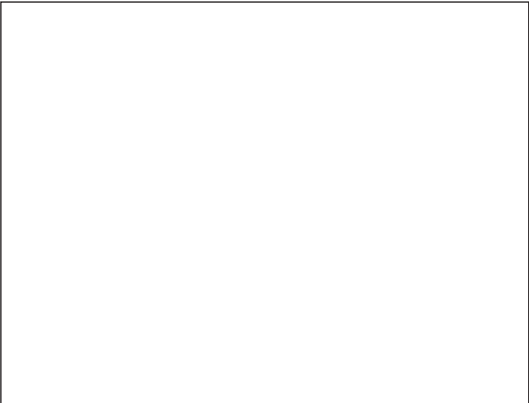
MCZ7

MR 295 H16 50 Hz															ch-PS hp	kW		 CEI 38/IEC 38						
	75 LVF 40 Optima	m/min τ	0	→	34	→	44	→	76	→	90	0	→	17	→	22	→		38	→	45	75	55	637 m
	100 LVF 40 Optima	m/min τ	0	→	44	→	56	→	94	→	116	0	→	22	→	28	→		47	→	58	100	75	1136 m
	150 LCC 40	m/min τ	0	→	70	→	84	→	106	→	140	0	→	35	→	42	→		53	→	70	→	84	150
	100 VVF 40	m/min	1 min 40 s										100	75	 kVA									
	RVF 182 Optima +	tr/min U/min - rpm	0 → 0,8										2 x 12	2 x 9										
ZX 6830	RT 664 A2B 2V	m/min	16 - 32										6 x 7	6 x 5,2										
V 60 A	RT 544 A1 2V R ≥ 13 m	m/min	13,5 - 27										4 x 7	4 x 5,2										
Y 800 A	RT 584 A1 2V	m/min	13,5 - 27										8 x 7	8 x 5,2	75 LVF : 190 kVA 100 LVF : 220 kVA 150 LCC : 270 kVA									

MR 295 H16 60 Hz															ch-PS hp	kW		 CEI 38/IEC 38								
	75 LVF 40 Optima	m/min τ	0	→	34	→	44	→	76	→	90	0	→	17	→	22	→		38	→	45	75	55	637 m	480 V (+6%-10%) 60 Hz	
	100 LVF 40 Optima	m/min τ	0	→	44	→	56	→	94	→	116	0	→	22	→	28	→		47	→	58	100	75	1136 m		
	150 LCC 40	m/min τ	0	→	70	→	84	→	106	→	140	→	168	0	→	35	→		42	→	53	→	70	→		84
	100 VVF 40	m/min	1 min 40 s												100	75	 kVA		75 LVF : 190 kVA 100 LVF : 220 kVA 150 LCC : 300 kVA							
	RVF 182 Optima +	tr/min U/min - rpm	0 → 0,8												2 x 12	2 x 9										
	ZX 6830 RT 664 A2B 2V	m/min	19 - 38												6 x 8,4	6 x 6,2										
	V 60 A RT 544 A1 2V R ≥ 13 m	m/min	16 - 32												4 x 8,4	4 x 6,2										
	Y 800 A RT 584 A1 2V	m/min	16 - 32												8 x 8,4	8 x 6,2										

FR	DE	EN	ES	IT	PT	RU
Levage	Heben	Hoisting	Elevación	Sollevamento	Elevação	Подъем
Relevage	Ausleger-Einziehen	Luffing	Elevación de flecha	Brandeggio	Inclinação da lança	Подъем стрелы
Orientation	Schwenken	Slewing	Orientación	Rotazione	Rotação	Поворот
Translation	Kranfahren	Travelling	Traslación	Traslazione	Translação	Перемещение крана
Nous consulter	Auf Anfrage	Consult us	Consultarnos	Consultateci	Consultar-nos	Проконсультируйтесь у нас

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MR 295 H16



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