
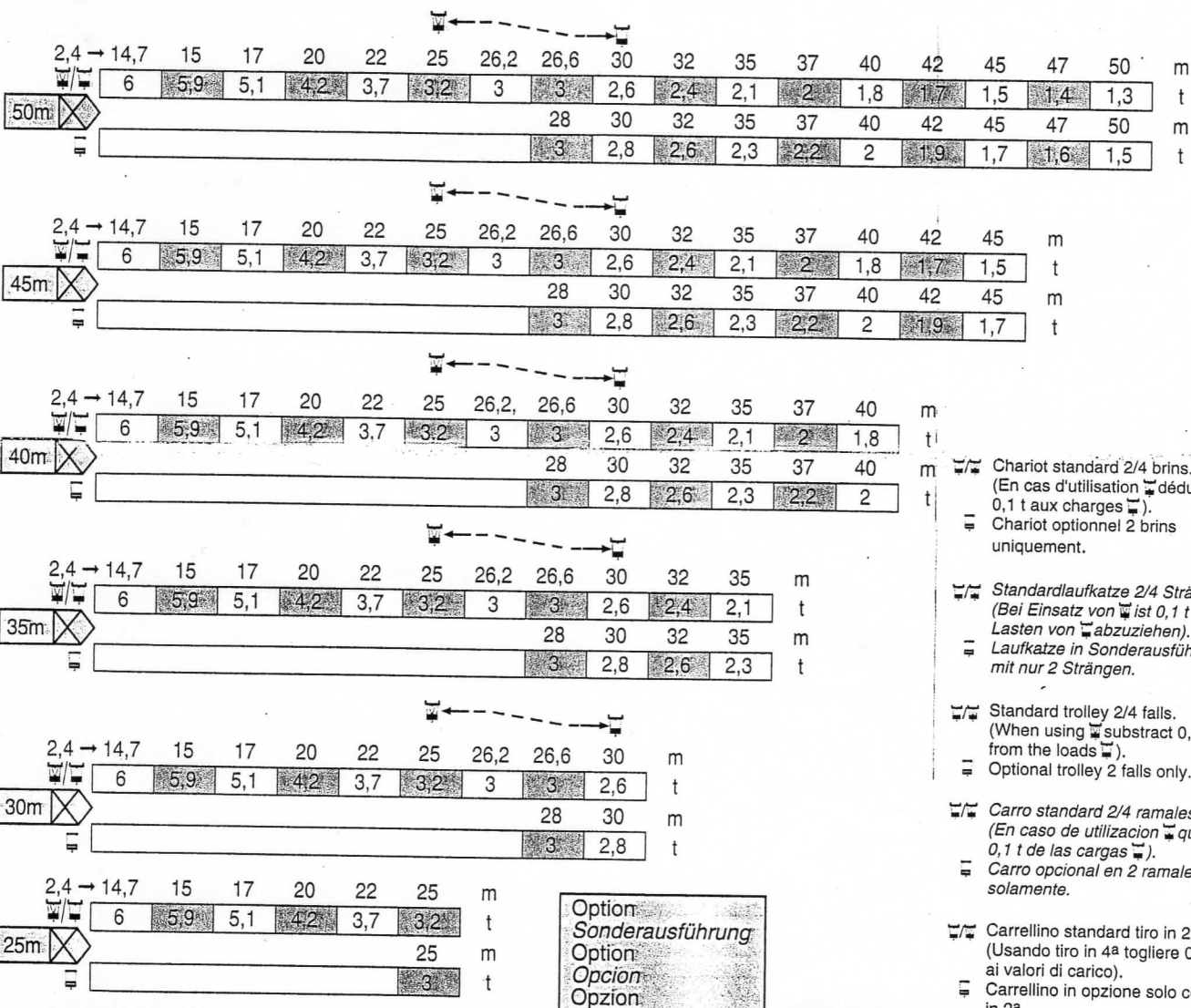






**CITY CRANE MD 90 DIN**





**POTAIN  ®**





# Courbes de charges - Lastkurven - Load diagrams - Curvas de cargas - Curve di carico





 Flèche Ausleger Jib Flecha Braccio





 Chariot standard 2/4 brins.  
(En cas d'utilisation  déduire 0,1 t aux charges ).  
 Chariot optionnel 2 brins uniquement.

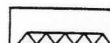
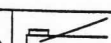
 Standardlaufkatze 2/4 Stränge.  
(Bei Einsatz von  ist 0,1 t der Lasten von  abzuziehen).  
 Laufkatze in Sonderausführung mit nur 2 Strängen.

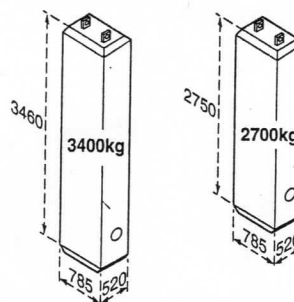
 Standard trolley 2/4 falls.  
(When using  subtract 0,1 t from the loads ).  
 Optional trolley 2 falls only.

 Carro standard 2/4 ramales.  
(En caso de utilización  quitar 0,1 t de las cargas ).  
 Carro opcional en 2 ramales solamente.

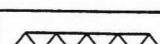
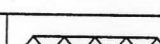
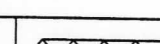
 Carrellino standard tiro in 2ª/4ª  
(Usando tiro in 4ª togliere 0,1 t ai valori di carico).  
 Carrellino in opzione solo con tiro in 2ª.

## Lest de contre-flèche - Gegenauslegerballast - Counter-jib ballast Lastre de contra flecha - Contrappeso

		(kg)
50m	12,7m	16 300 (4x3400)+(1x2700)
45m	12,7m	14 900 (2x3400)+(3x2700)
40m	12,7m	13 600 (4x3400)
35m	12,7m	12 900 (3x3400)+(1x2700)
30m	12,7m	11 500 (1x3400)+(3x2700)
25m	12,7m	9 500 (2x3400)+(1x2700)



## Lest de base - Grundballast - Base ballast - Lastre de base - Zavorra di base

H (m)		H (m)		H (m)	
	50→40m	32→25m	50→40m	32→25m	
					54,7 102t 108t
			48	78t 84t	49,7 84t 90t
			44,7 66t 72t	44,7 66t 72t	
40,2	60t 65t	39,7 48t 54t	39,7 48t 54t	39,7 48t 54t	
		34,7 30t 36t	34,7 30t 36t	34,7 30t 36t	
30,2	40t 40t	29,7 24t 24t	29,7 24t 24t	29,7 24t 24t	
		24,7 18t 18t	24,7 18t 18t	24,7 18t 18t	
20,2	35t 35t	19,7 18t 18t	19,7 18t 18t	19,7 18t 18t	
	ZC 40A		S 40A		S 41A

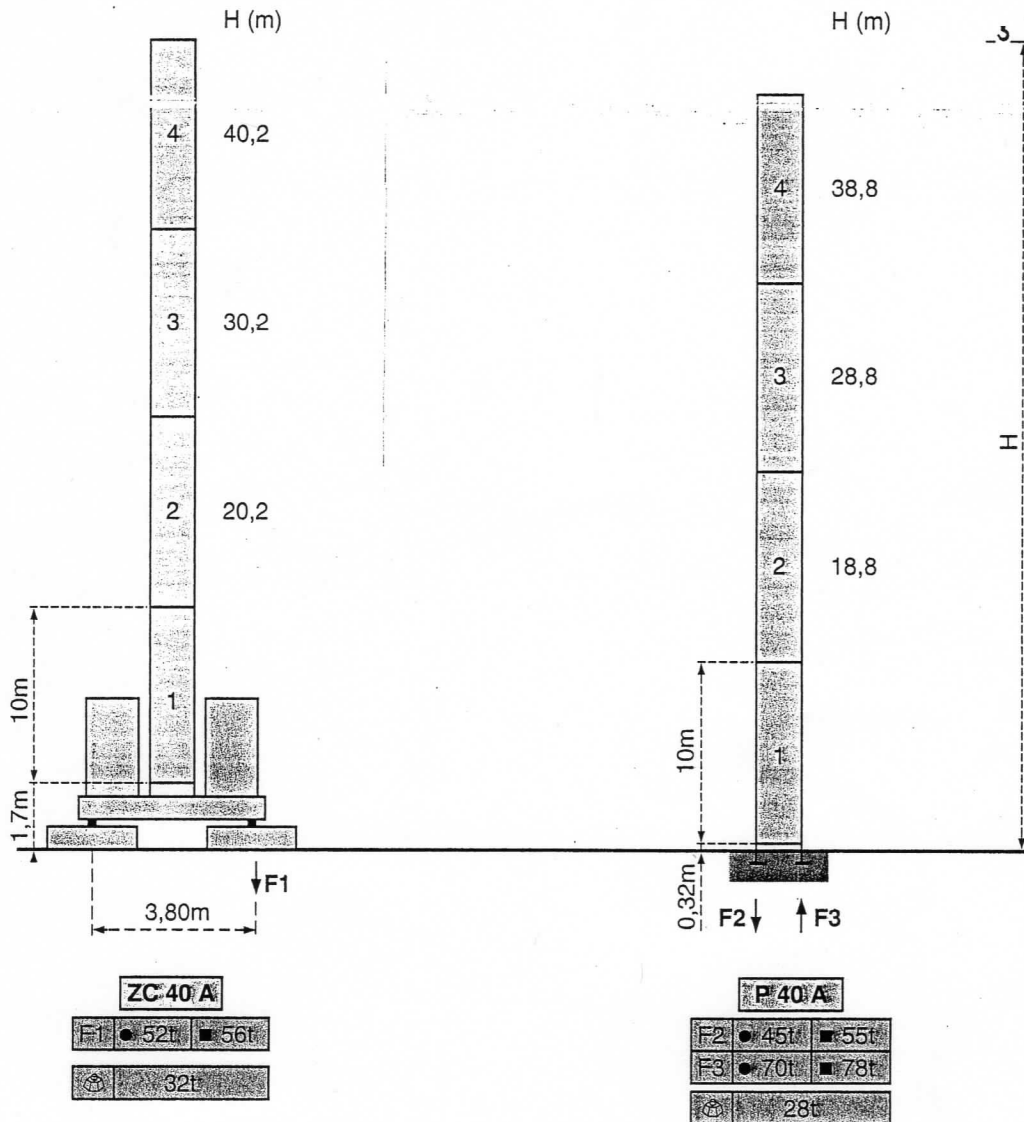
**CITY** 1.60m

Mat - Mast - Mast - Mástil - Torre

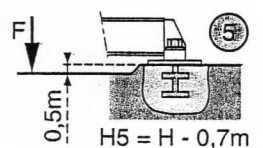
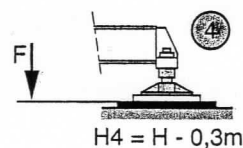
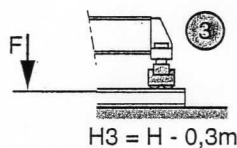
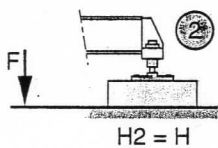
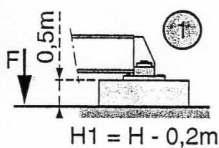
KM 406 E



$$H_{\text{mat}} = H_{\text{mat}} / \text{mat} + 0,3\text{m}$$



**ZC 40A**



- En service
- Hors service

- In Betrieb
- Ausser Betrieb

- In service
- Out of service

- En servicio
- Fuera de servicio

- In servizio
- Fuori servizio

⊗ A vide sans lest avec flèche et hauteur maximum.

⊗ Ohne Last und Ballast mit Maximalausleger und Maximalhöhe.

⊗ Without load and ballast with longest jib and maximum height.

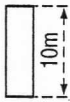
⊗ Sin carga, sin lastre con flecha y altura máxima.

⊗ A vuoto senza zavorra e con braccio massimo e altezza massima.

# TELESCOPABLE - TELESKOPIERBAR - TELESCOPIC - TELESOPICO - TELESCOPICO

Mats - Maste - Masts - Mástil - Torre

K 407 B  
K 407 E



K 407 A  
K 409 A



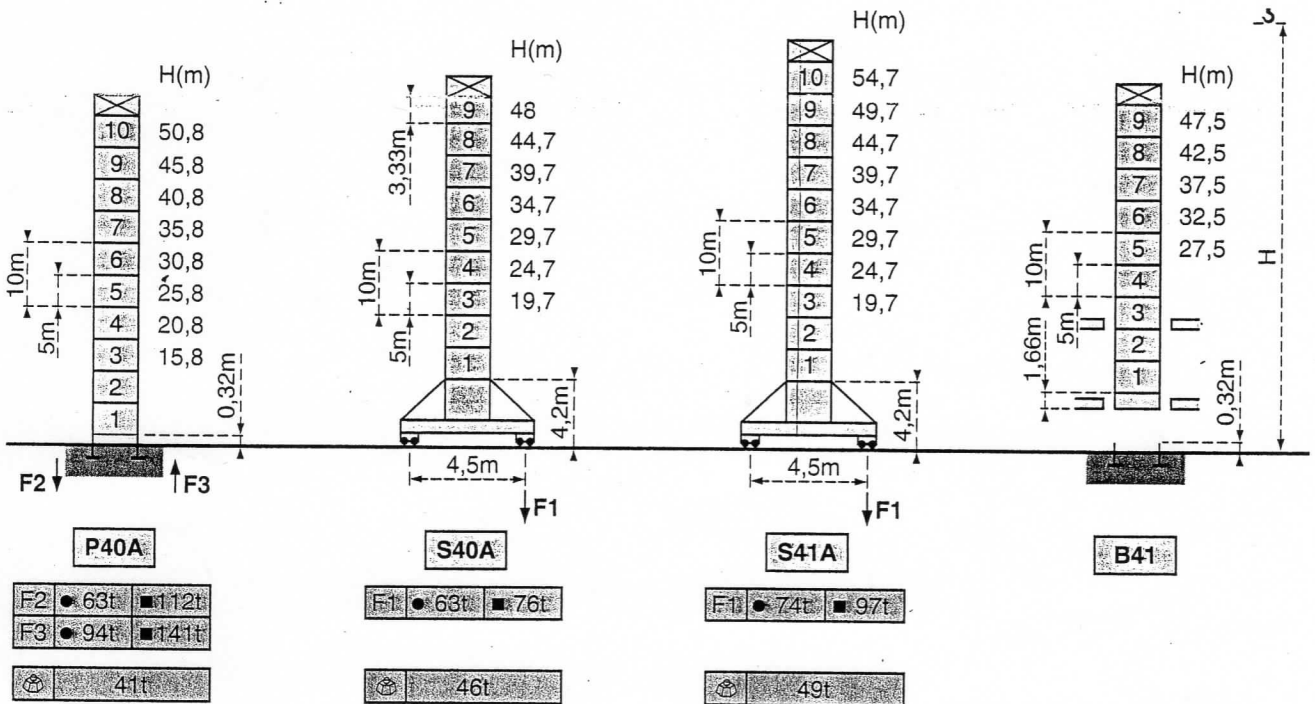
K 407 C



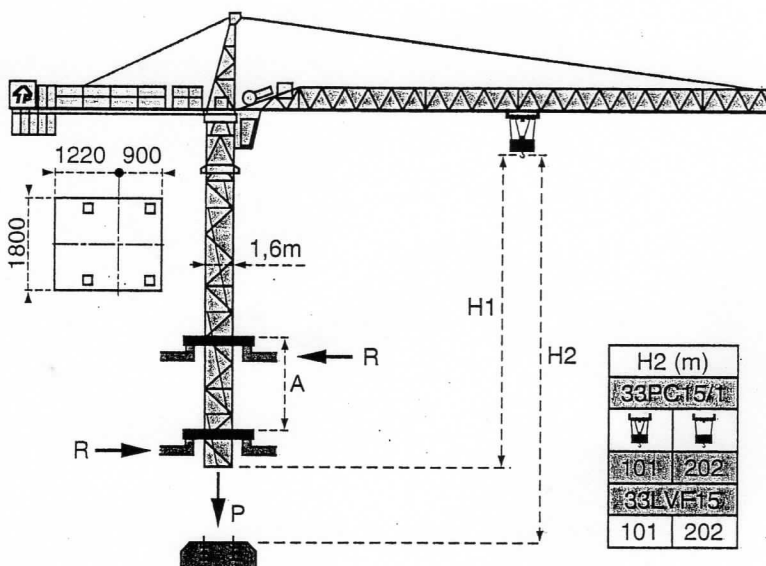
K40-K40



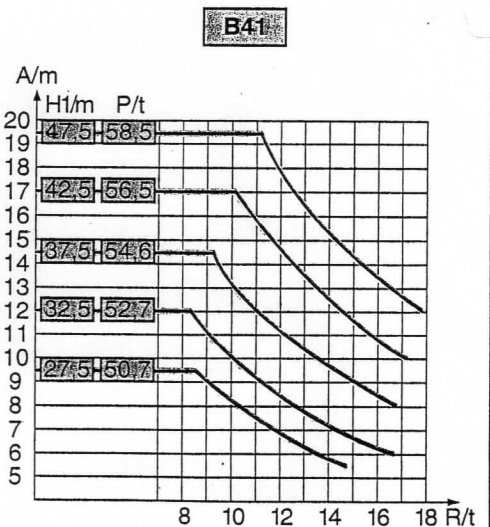
$$H_{\square} = H_{\square} / \square + 0,3 \text{ m}$$



## Télescopage sur dalles - Kletterkrane im Gebäude - Climbing crane Telescopage gruas trepadoras - Gru in cavedio



H2 (m)	
33PC15/t	
101	202
33LV15	
101	202



A Distance entre cadres  
H1 Hauteur grue  
P Poids de la grue (en service)  
R Réaction horizontale

A Abstand zwischen den Rahmen  
H1 Kranhöhe  
P Krangewicht (in Betrieb)  
R Horizontalkräfte











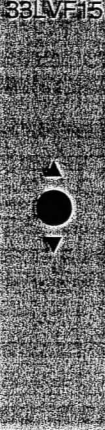











A Distance between collars  
H1 Crane height  
P Crane weight (in service)  
R Horizontal reaction

A Distancia entre marcos  
H1 Altura grúa  
P Peso de la grúa (en servicio)  
R Reaccion horizontal

A Distanza fra i telai  
H1 Altezza gru  
P Peso della gru (in servizio)  
R Reazione orizzontale



# Mécanismes - Antriebe - Mechanisms - Mecanismos - Meccanismi

				m/min	t		ch -PS hp	
Levage Heben Hoisting Elevación Sollevamento				7	3	405 m > 405 m*	33	
				38,5	3			
				77	1,5			
				3,5	6			
				19	6			
				38,5	3			
				4,6	3	405 m > 405 m*	33	
				13	3			
				38,5	3			
				77	1,5			
				2,3	6			
				6,5	6			
				19	6			
				38,5	3			
Distribution - Katzfahren - Trolleying Distribución - Distribuzione				4 D3 V3	15 30 58		4	
Orientation - Schwenken - Slewing Orientación - Rotazione				RCV 80	0 → 0,8 tr/min U/min-rpm		2 x 6	2
Translation Kranfahren Travelling Traslación Traslazione		RT 224	25			2 x 4	2	
		RT 324	12,5 - 25			2 x 7	2	
		TCV 449 ARC H ≤ 34,7 m	10 - 50			4 x 6,8	4	
		RT 443 A1 2V	15 - 30			4 x 5	4	
		TCV 449 ARC H ≤ 34,7 m	10 - 50			4 x 6,8	4	
Réseau - Netzstrom - Mains supply - Red - Rete elettrica							380V 400V 50	
Puissance électrique nécessaire - Anschlusswert - Necessary electric power Potencia eléctrica necesaria - Potenza elettrica necessaria							33 PC : 50 k 33 LVF : 50	
Groupe électrogène - Stromaggregat - Generator set - Grupo electrogeno - Gruppo elettrogeno							*	

\*Nous consulter - Auf Anfrage - Consult us - Consultarnos - Consultateci

Conforme aux directives CEE 84/534 et 87/405 sur le niveau acoustique - Gemäss EWG-Richtlinien 84/534 und 87/405 für den Schall- Leistungspegel  
 In compliance with the EEC 84/534 and 87/405 instructions on noise level - Conforme con las directivas CEE 84/534 y 87/405 sobre el nivel acustico  
 Conforme alle direttive CEE 84/534 e 87/405 sul livello acustico