

FLAT TOP TOWER CRANE



Specifications:

- ▶ Max jib length: 65,00 m
- ▶ Capacity at max length: 2,30 t
- ▶ Max capacity: 10,00 t

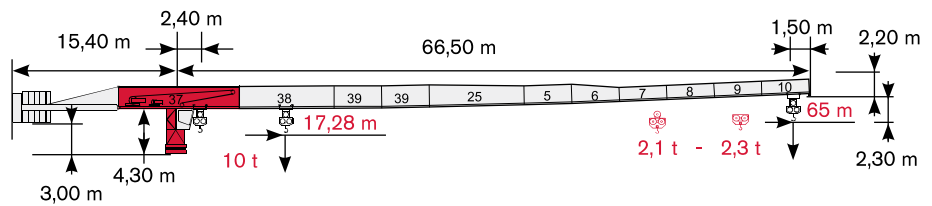
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LOAD DIAGRAM

Lastkurven · Courbes de charges · Curvas de cargas · Diagramma di portata · Diagrama de carga · Диаграмма грузоподъёмности

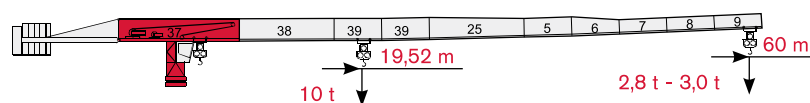
TEREX POWER PLUS

	A (3,5 t)	B (0,8 t)
37 AFC 50	5	5



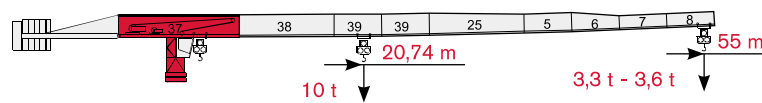
			15 m	20 m	25 m	30 m	35 m	40 m	45 m	50 m	55 m	60 m	65 m		
	5 t →	33,28 m	t	5,00	5,00	5,00	5,00	4,73	4,09	3,59	3,19	2,86	2,58	2,33	T
	5 t →	32,57 m	t	5,00	5,00	5,00	5,00	4,61	3,95	3,44	3,03	2,70	2,42	2,13	P
	10 t →	17,28 m	t	10,00	8,55	6,71	5,48	4,61	3,95	3,44	3,03	2,70	2,42	2,13	P

	A (3,5 t)	B (0,8 t)
37 AFC 50	5	4



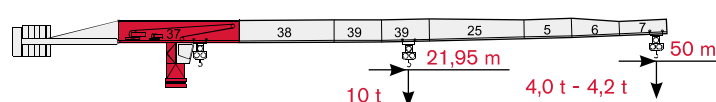
			15 m	20 m	25 m	30 m	35 m	40 m	45 m	50 m	55 m	60 m		
	5 t →	38,34 m	t	5,00	5,00	5,00	5,00	5,00	4,77	4,20	3,73	3,36	3,03	T
	5 t →	36,80 m	t	5,00	5,00	5,00	5,00	5,00	4,55	3,97	3,51	3,13	2,77	P
	10 t →	19,52 m	t	10,00	9,75	7,67	6,28	5,29	4,55	3,97	3,51	3,13	2,77	P

	A (3,5 t)	B (0,8 t)
37 AFC 50	5	3



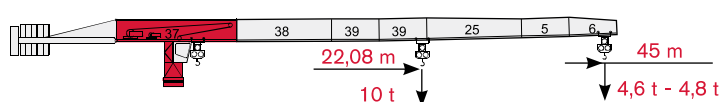
			15 m	20 m	25 m	30 m	35 m	40 m	45 m	50 m	55 m		
	5 t →	40,43 m	t	5,00	5,00	5,00	5,00	5,00	5,00	4,45	3,96	3,55	T
	5 t →	39,09 m	t	5,00	5,00	5,00	5,00	5,00	4,87	4,26	3,77	3,33	P
	10 t →	20,74 m	t	10,00	10,00	8,19	6,71	5,66	4,87	4,26	3,77	3,33	P

	A (3,5 t)	B (0,8 t)
37 AFC 50	5	2




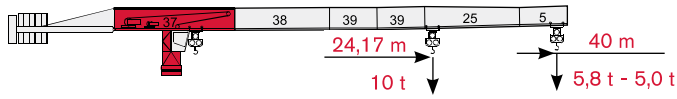
			15 m	20 m	25 m	30 m	35 m	40 m	45 m	50 m		
	5 t →	42,83 m	t	5,00	5,00	5,00	5,00	5,00	5,00	4,74	4,22	T
	5 t →	41,38 m	t	5,00	5,00	5,00	5,00	5,00	5,00	4,54	4,00	P
	10 t →	21,95 m	t	10,00	10,00	8,70	7,14	6,03	5,19	4,54	4,00	P

	A (3,5 t)	B (0,8 t)
37 AFC 50	5	0




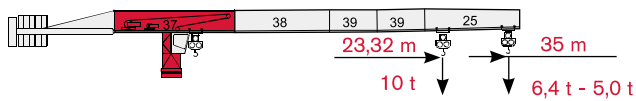
			15 m	20 m	25 m	30 m	35 m	40 m	45 m		
	5 t →	43,11 m	t	5,00	5,00	5,00	5,00	5,00	5,00	4,77	T
	5 t →	22,08 m	t	5,00	5,00	5,00	5,00	5,00	5,00	4,55	P
	10 t →	22,08 m	t	10,00	10,00	8,76	7,19	6,07	5,23	4,55	P

	A (3,5 t) B (0,8 t)	
	37 AFC 50	4 3




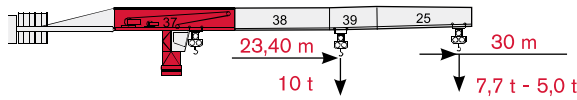
			15 m	20 m	25 m	30 m	35 m	40 m						
	5 t →	40,00 m	t	5,00	5,00	5,00	5,00	5,00	5,00					T P P
	5 t →	40,00 m	t	5,00	5,00	5,00	5,00	5,00	5,00					
	10 t →	24,17 m	t	10,00	10,00	9,65	7,93	6,70	5,77					

	A (3,5 t) B (0,8 t)	
	37 AFC 50	4 1




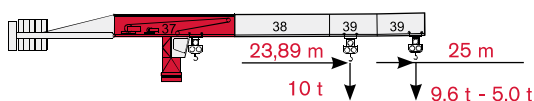
			15 m	20 m	25 m	30 m	35 m						
	5 t →	35,00 m	t	5,00	5,00	5,00	5,00	5,00					T P P
	5 t →	35,00 m	t	5,00	5,00	5,00	5,00	5,00					
	10 t →	23,32 m	t	10,00	10,00	9,28	7,63	6,44					




	A (3,5 t) B (0,8 t)	
	37 AFC 50	3 3



			15 m	20 m	25 m	30 m						
	5 t →	30,00 m	t	5,00	5,00	5,00	5,00					T P P
	5 t →	30,00 m	t	5,00	5,00	5,00	5,00					
	10 t →	23,40 m	t	10,00	10,00	9,32	7,66					

	A (3,5 t) B (0,8 t)	
	37 AFC 50	3 2



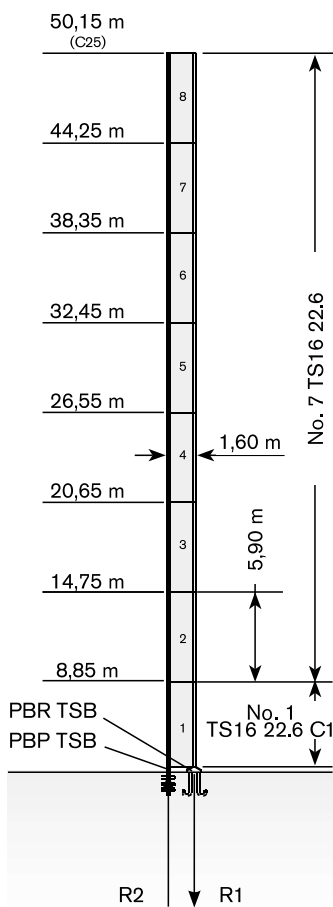
			15 m	20 m	25 m						
	5 t →	25,00 m	t	5,00	5,00	5,00					T P P
	5 t →	25,00 m	t	5,00	5,00	5,00					
	10 t →	23,89 m	t	10,00	10,00	9,55					

**Standard Configurations · Standardkonfiguration · Standard Implantations ·
Implantaciones Standard · Installazioni Standard · Configuração padrão ·
Стандартная конфигурация крана**

TS16

Tower: TS16 & Basement: R1

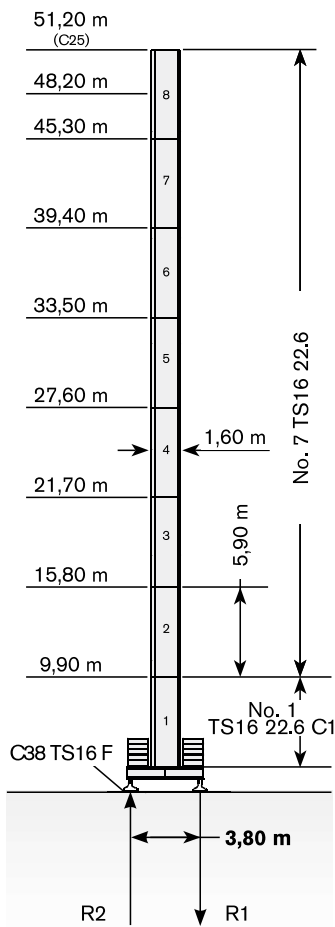
	●	◊
R1	-1620 kN	-1940 kN
R2	1270 kN	1590 kN
	470 kN	



	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	50,15	50,15
50->65 m	50,15	50,15

Tower: TS16 & Basement: F1

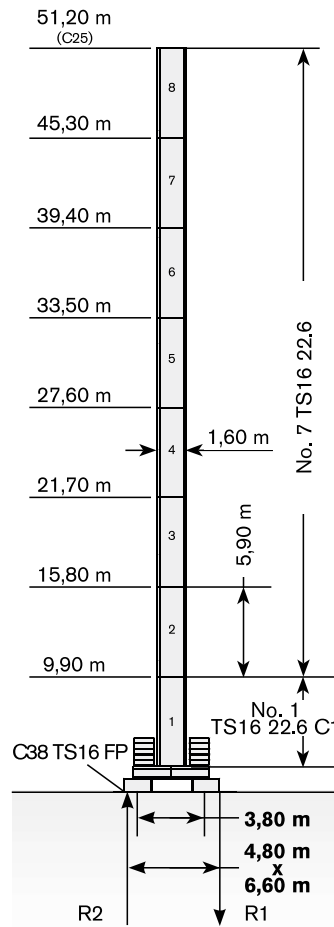
	●	◊
R1	-1070 kN	-1320 kN
R2	0 kN	0 kN
	510 kN	



	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	48,20	48,20
50->65 m	51,20	51,20

Tower: TS16 & Basement: FP1

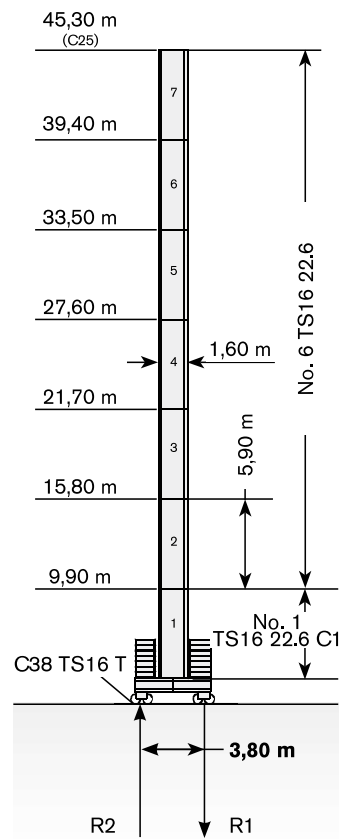
	●	◊
R1	-1070 kN	-1320 kN
R2	0 kN	0 kN
	510 kN	



	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	51,20	51,20
50->65 m	51,20	51,20

Tower: TS16 & Basement: T1

	●	◊
R1	-1130 kN	-1140 kN
R2	0 kN	0 kN
	490 kN	



	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	45,30	45,30
50->65 m	45,30	45,30

Max. under hook height · Höchste Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Altezza max. sotto gancio · Alt. máx. sob o gancho · Макс высота крюка

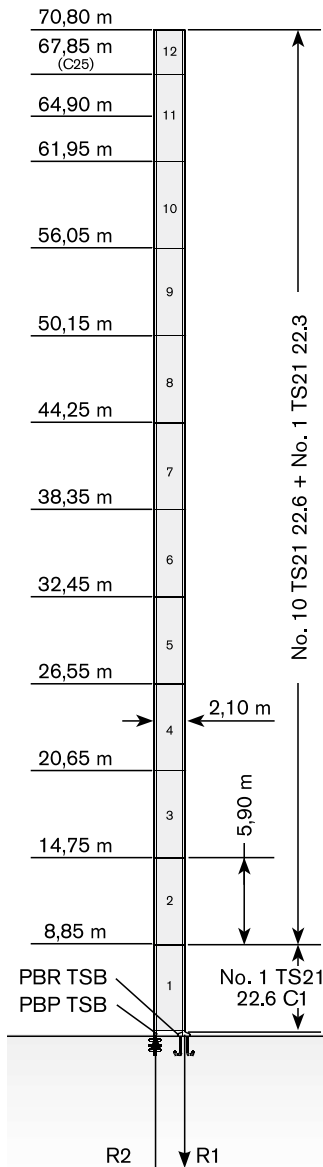
Different heights and tower combinations are available; please consult us · Andere Höhen und Turmkombinationen auf Anfrage · Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter · Hay diferentes alturas y combinaciones de torre disponibles. Consúltenos · Altezze diverse e combinazioni di torre sono disponibili; consultateci · Diferentes alturas e combinações de torres disponíveis; fale conosco · Возможны другие сочетания высоты и конфигурации башни; проконсультируйтесь с нами

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Implantaciones Standard · Installazioni Standard · Configuração padrão ·
Стандартная конфигурация крана**

TS21

Tower: TS21 & Basement: R2

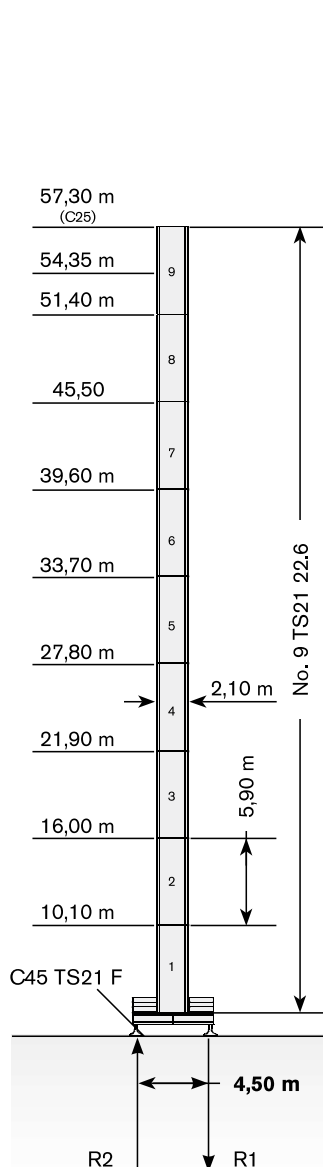
R1	-1620 kN	-2080 kN
R2	1190 kN	1710 kN
	740 kN	



→	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	70,80	67,85
50->65 m	70,80	64,90

Tower: TS21 & Basement: F3

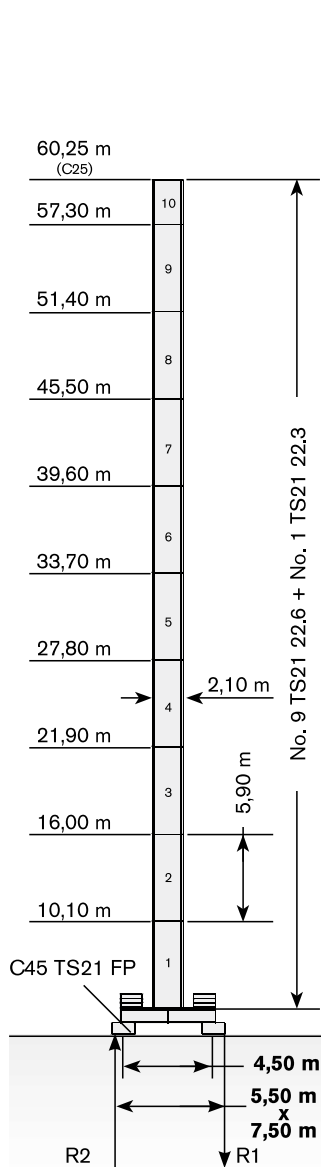
R1	-940 kN	-1320 kN
R2	-30 kN	0 kN
	590 kN	



→	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	54,35	54,35
50->65 m	57,30	57,30

Tower: TS21 & Basement: FP3

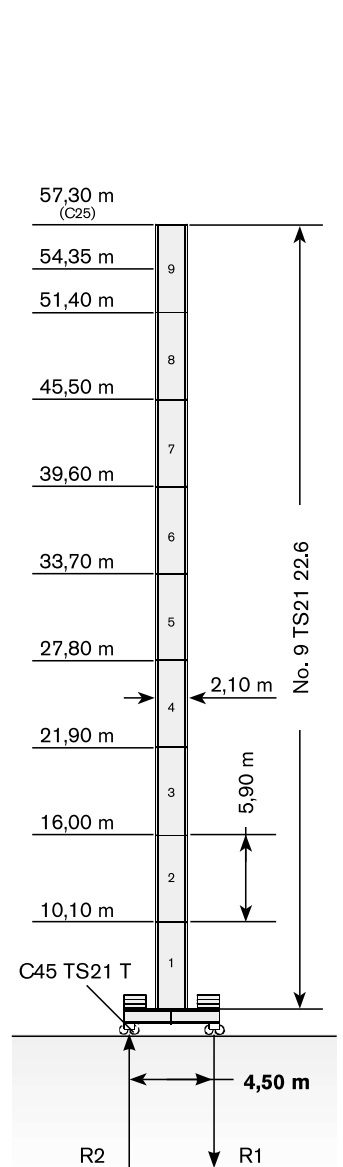
R1	-1010 kN	-1410 kN
R2	-42 kN	0 kN
	600 kN	



→	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	57,30	57,30
50->65 m	60,25	60,25

Tower: TS21 & Basement: T3

R1	-1070 kN	-1320 kN
R2	0 kN	4460 kN
	590 kN	

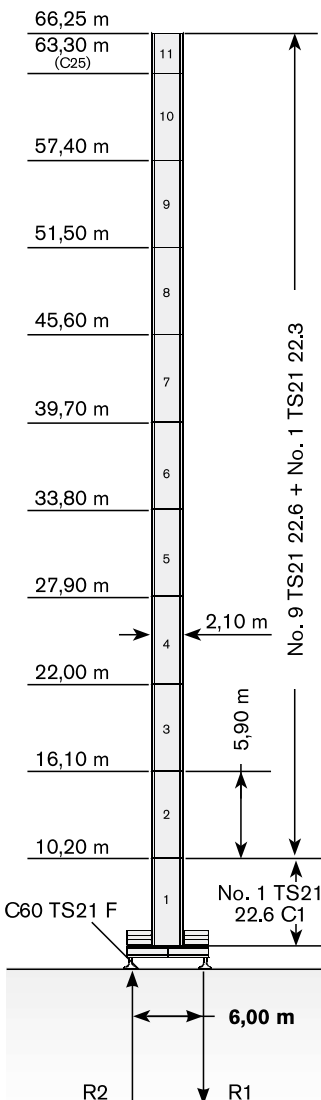


→	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	54,35	54,35
50->65 m	57,30	57,30

Max. under hook height · Höchste Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Altezza max. sotto gancio ·
Alt. máx. sob o gancho · Макс высота крюка


Tower: TS21 & Basement: F4

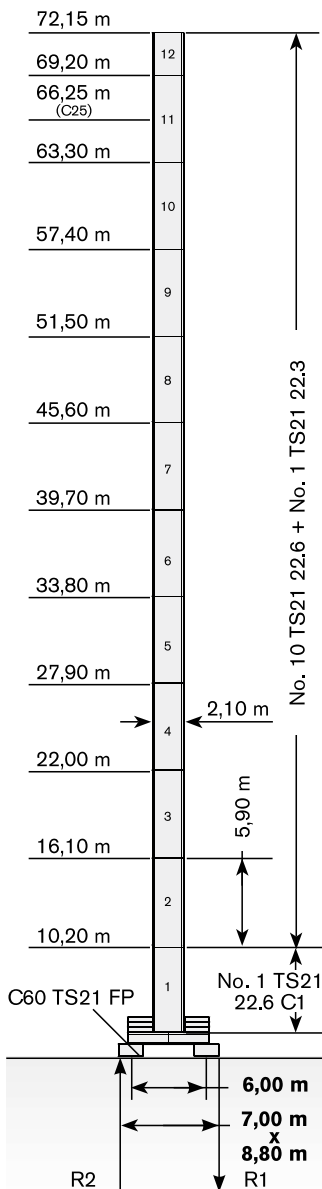
R1	-880 kN	-1130 kN
R2	-60 kN	0 kN
	660 kN	



	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	66,25	63,30
50->65 m	66,25	63,30


Tower: TS21 & Basement: FP4

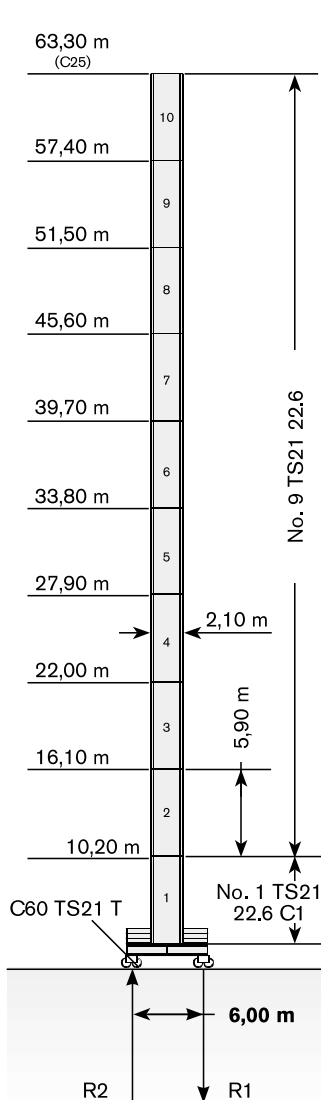
R1	-970 kN	-1220 kN
R2	-60 kN	0 kN
	680 kN	



	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	72,15	66,25
50->65 m	72,15	63,30

Tower: TS21 & Basement: T4

R1	-940 kN	-1130 kN
R2	0 kN	0 kN
	640 kN	



	max. H (m)	
	FEM 1001	FEM 1005 C25
25->45 m	63,30	63,30
50->65 m	63,30	63,30

The available lengths for the TS tower sections are 11.8 m, 5.9 m, 2.95 m. · Die Turmschüsse TS sind mit Längen 11.8 m, 5.9 m, 2.95 m verfügbar. · Les éléments de mât TS sont disponibles en longueur 11.8 m, 5.9 m, 2.95 m. · Los tramos de torre TS son disponibles en las medidas de largo 11.8 m, 5.9 m, 2.95 m. · Le prolunghe TS sono disponibili in lunghezza 11.8 m, 5.9 m, 2.95 m. · Os comprimentos disponíveis para elementos de torre TS são: 11.8m, 5.9m e 2.95m. · Длина поставляемых секций башни TS - 11.8 м, 5.9 м, 2.95 м.

MECHANISMS

Antriebe · Mécanismes · Mecanismos · Meccanismi · Mecanismo · Механизм

Power supply · Stromversorgung · Alimentation · Suministro eléctrico · Alimentazione · Requisitos de energia · Требования по питанию

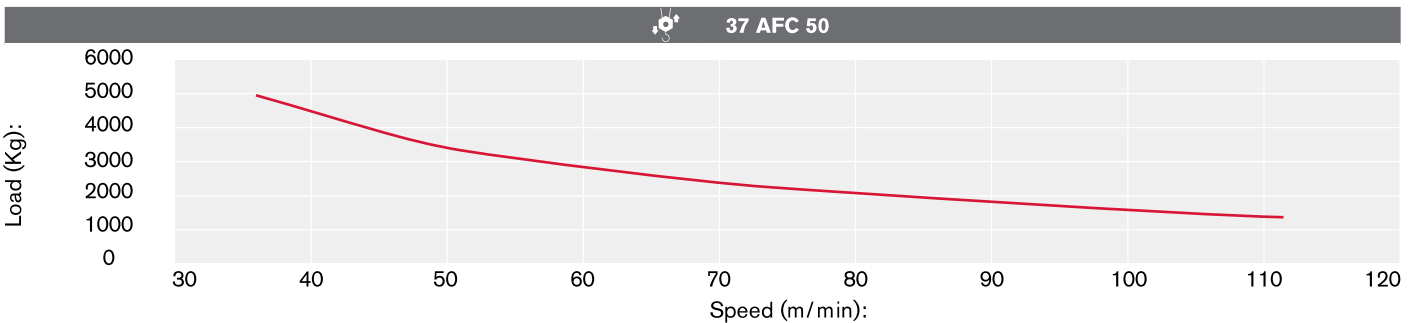
	37 AFC 50	93 kVA*	400V - 50Hz / 460V - 60Hz	2000/ 14/ CE modificata
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* Average consumption · Durchschnittsverbrauch · Consommation moyenne · Consumo medio · Consumo medio · Consumo médio · Среднее потребление

Hoisting · Heben · Levage · Elevación · Sollevamento · Elevação · Подъем

			t	m/min	kW	
	37 AFC 50		5	0 → 36	37	 510 m max 255 m
			3,5	0 → 50		
			3	0 → 57		
			2	0 → 80		
			1,25	0 → 110		
			10	0 → 18		
			7	0 → 25		
			6	0 → 28		
			4	0 → 40		
			2,5	0 → 55		

Hoisting Speed · Heben Geschwindigkeit · Vitesse de Levage · Velocidad de Elevación · Velocità di Sollevamento · Velocidade de içamento · Скорость подъема



Additional Specifications · Weitere Leistungsdaten · Spécifications additionnelles · Otras prestaciones · Altre movimentazioni · Especificações adicionais · Дополнительные спецификации

	DVF 3 6	0 → 40 → 80 m/min	5,5 kW
	SVF 2 2 6	0,7 r.p.m	2 x 5,5 kW
	TAD 2RP 2M4	0 → 24 m/min	2 x 4 kW
	TAD 2RG 4M3	0 → 24 m/min	4 x 3 kW

Tower height max.

		T3	T4
	TAD 2RP 2M4	39,10 m	32,90 m
	TAD 2RG 4M3	> 39,10 m	> 32,90 m