

# FLAT TOP TOWER CRANE

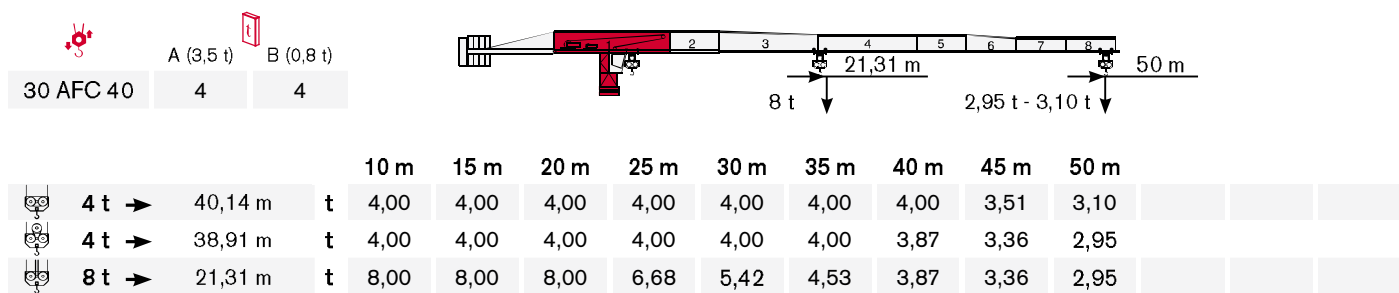
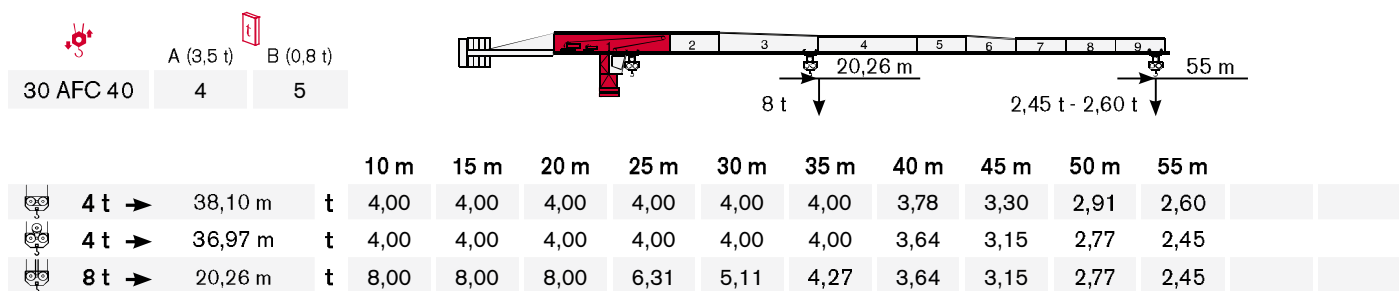
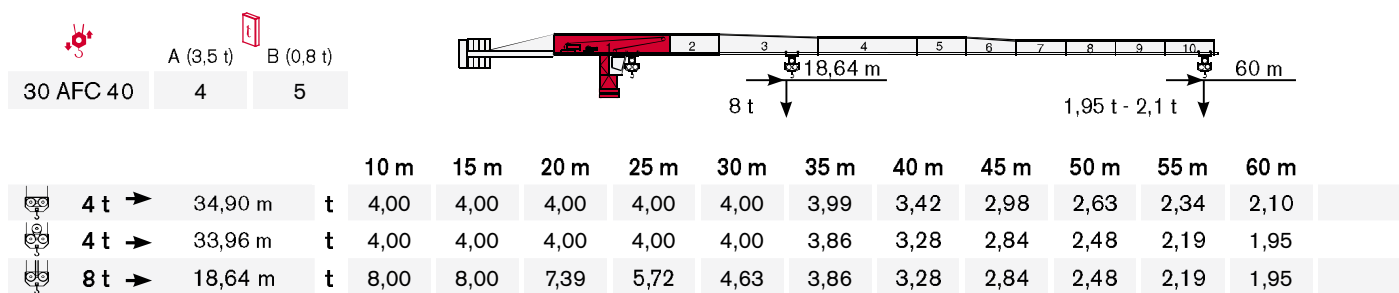
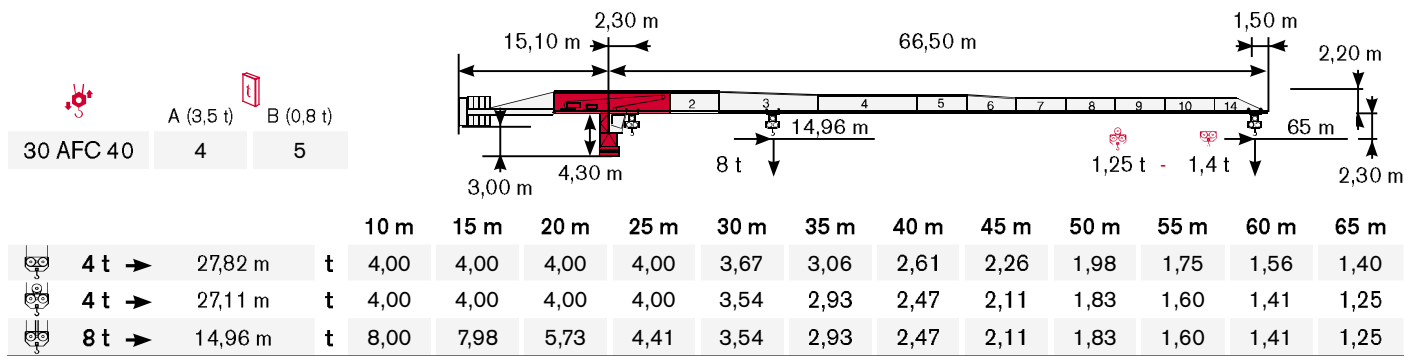
**Specifications:**

- ▶ Max jib length: 65,00 m
- ▶ Capacity at max length: 1,40 t
- ▶ Max capacity: 8,00 t



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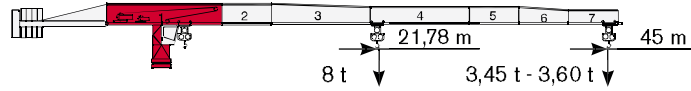
# LOAD DIAGRAM




Lastkurven · Courbes de charges · Curvas de cargas · Diagramma di portata





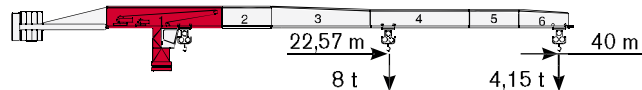
# CTT 161A-8 TS



  
 A (3,5 t)    B (0,8 t)  
 30 AFC 40    4    3





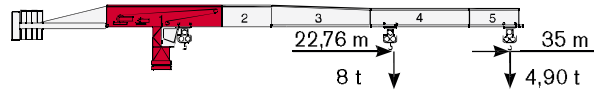
			10 m	15 m	20 m	25 m	30 m	35 m	40 m	45 m				
	4 t →	41,06 m	t	4,00	4,00	4,00	4,00	4,00	4,00	3,60				
	4 t →	39,78 m	t	4,00	4,00	4,00	4,00	4,00	3,97	3,45				
	8 t →	21,78 m	t	8,00	8,00	8,00	6,85	5,56	4,65	3,45				




  
 A (3,5 t)    B (0,8 t)  
 30 AFC 40    3    5





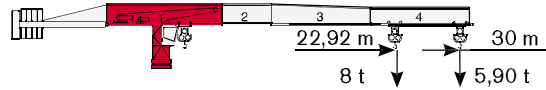
			10 m	15 m	20 m	25 m	30 m	35 m	40 m				
	4 t →	40,00 m	t	4,00	4,00	4,00	4,00	4,00	4,00				
	8 t →	22,57 m	t	8,00	8,00	8,00	7,13	5,80	4,15				




  
 A (3,5 t)    B (0,8 t)  
 30 AFC 40    3    3



			10 m	15 m	20 m	25 m	30 m	35 m				
	4 t →	35,00 m	t	4,00	4,00	4,00	4,00	4,00				
	8 t →	22,76 m	t	8,00	8,00	8,00	7,20	5,85	4,90			


  
 A (3,5 t)    B (0,8 t)  
 30 AFC 40    3    2



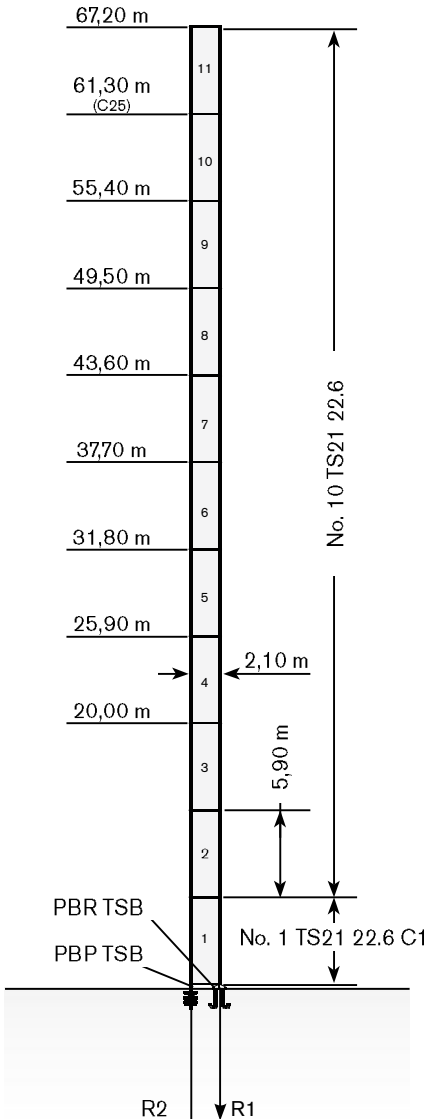
			10 m	15 m	20 m	25 m	30 m				
	4 t →	30,00 m	t	4,00	4,00	4,00	4,00				
	8 t →	22,92 m	t	8,00	8,00	8,00	7,26	5,90			

# TOWER


Turn - Tour - Torre - Torre

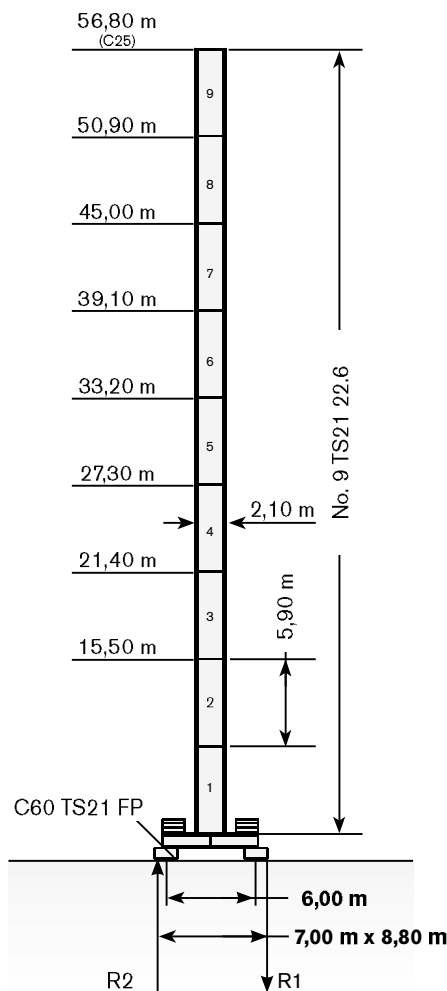
Tower: TS21 & Basement: **R3**

	●	◊
R1	-1420 kN	-2202 kN
R2	1090 kN	1877 kN
	465 kN	




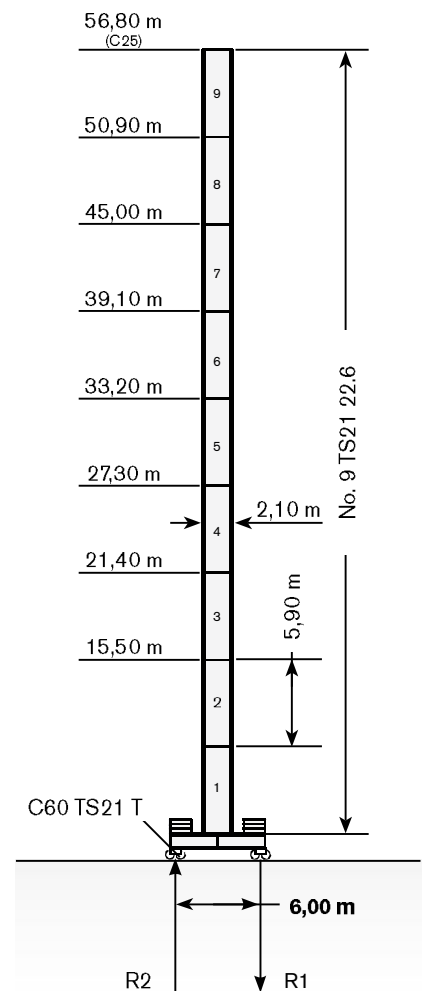
Tower: TS21 & Basement: **FP3**

	●	◊
R1	-860 kN	-1080 kN
R2	0	0
	545 kN	



Tower: TS21 & Basement: **T3**


	●	◊
R1	-860 kN	-1037 kN
R2	0	0
	545 kN	

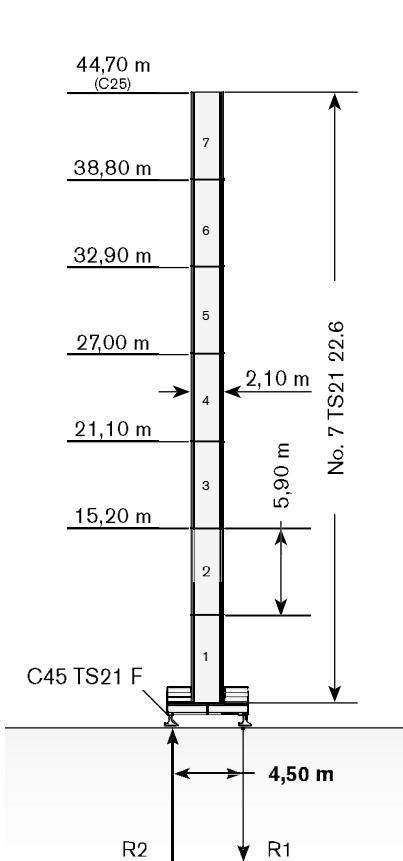


Max. under hook height • Höchste Hakenhöhe • Hauteur maxi. sous crochet • Maxima altura bajo gancho • Altezza max. sotto gancio


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. Consulté-nos • Altezze diverse e combinazioni di torre sono disponibili; consultateci

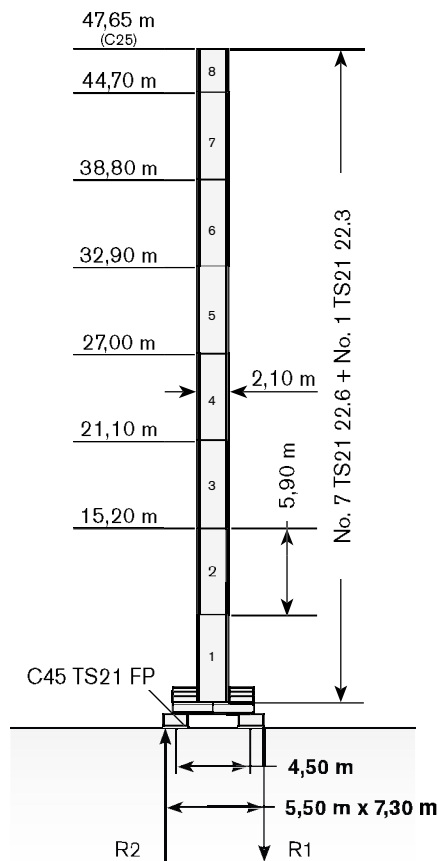
Tower: TS21 & Basement: F4

	●	◊
R1	-890 kN	-850 kN
R2	0	0
	475 kN	




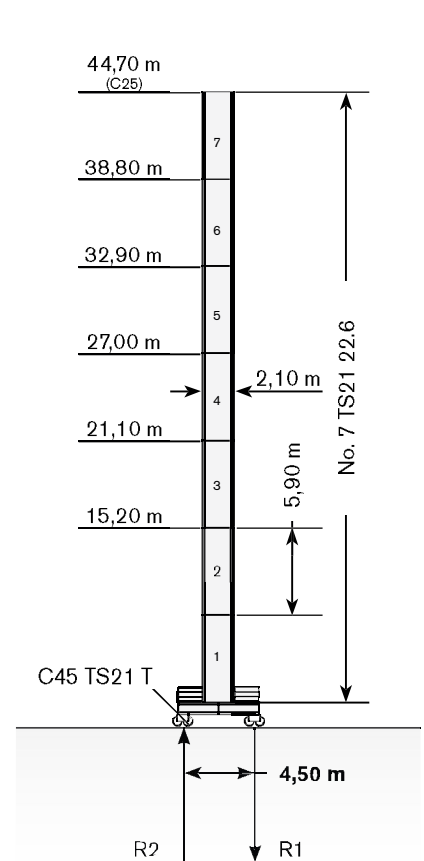
Tower: TS21 & Basement: FP4

	●	◊
R1	-890 kN	-982 kN
R2	0	0
	465 kN	



Tower: TS21 & Basement: T4

	●	◊
R1	-890 kN	-850 kN
R2	0	0
	475 kN	



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.

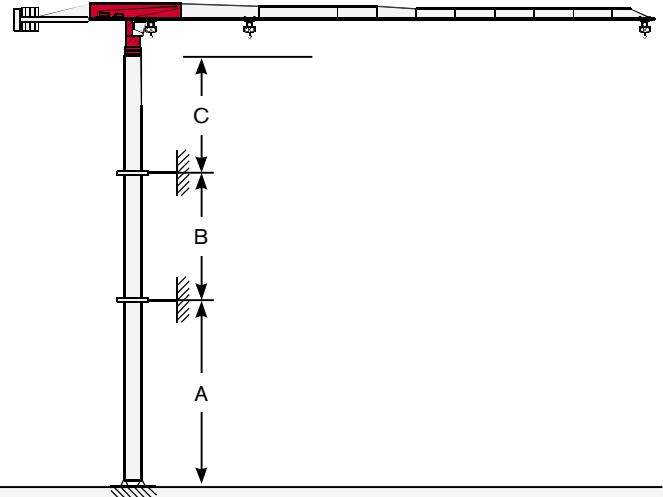
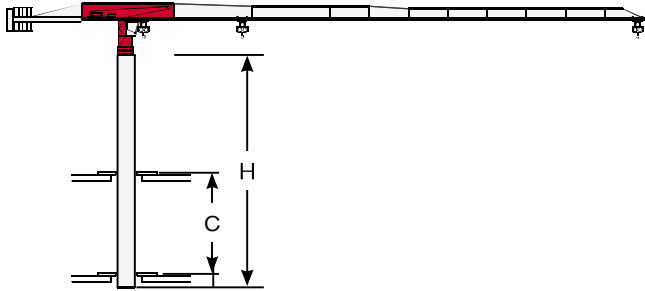
# TOWER

Turm · Tour · Torre · Torre

## Other configurations · Aufstellmöglichkeiten · Autres Implantations · Otras Implantaciones · Altre Installazioni

Bottom climbing crane · Kletterkran im Gebäude · Télescopage sur dalles · Telescopage grúa trepadora · Gru climbing

Crane tied to the structure · Geankerter Kran · Grue ancrée · Grúa anclada · Gru ancorata



Tower: TS16

Jib	C min/max (m)	H min/max (m)	Climbing System
30	11,00/13,00	29,50/44,25	TS16 22.6
35	11,00/13,00	29,50/44,25	TS16 22.6
40	11,00/13,00	29,50/44,25	TS16 22.6
45	11,00/13,00	29,50/44,25	TS16 22.6
50	11,00/13,00	29,50/44,25	TS16 22.6
55	11,00/13,00	29,50/44,25	TS16 22.6
60	11,00/13,00	29,50/44,25	TS16 24.6
65	11,00/13,00	29,50/44,25	TS16 24.6

Tower: TS21

Jib	C min/max (m)	H min/max (m)
30	11,00/14,00	29,50/41,30
35	11,00/14,00	29,50/41,30
40	11,00/14,00	29,50/41,30
45	11,00/14,00	29,50/41,30
50	11,00/14,00	29,50/41,30
55	11,00/14,00	29,50/41,30
60	11,00/14,00	29,50/41,30
65	11,00/14,00	29,50/41,30

Tower: TS16

Jib	A min/max (m)	B min/max (m)	C max (m)
30	30,00/36,00	17,70/23,60	24,00
35	30,00/36,00	17,70/23,60	24,00
40	30,00/36,00	17,70/23,60	24,00
45	30,00/36,00	17,70/23,60	24,00
50	30,00/36,00	17,70/23,60	24,00
55	30,00/36,00	17,70/23,60	24,00
60	30,00/36,00	17,70/23,60	24,00
65	30,00/36,00	17,70/23,60	24,00





Tower: TS21

Jib	A min/max (m)	B min/max (m)	C max (m)
30	30,00/45,00	17,70/23,60	35,00
35	30,00/45,00	17,70/23,60	35,00
40	30,00/45,00	17,70/23,60	35,00
45	30,00/45,00	17,70/23,60	35,00
50	30,00/45,00	17,70/23,60	35,00
55	30,00/45,00	17,70/23,60	35,00
60	30,00/45,00	17,70/23,60	35,00
65	30,00/45,00	17,70/23,60	35,00

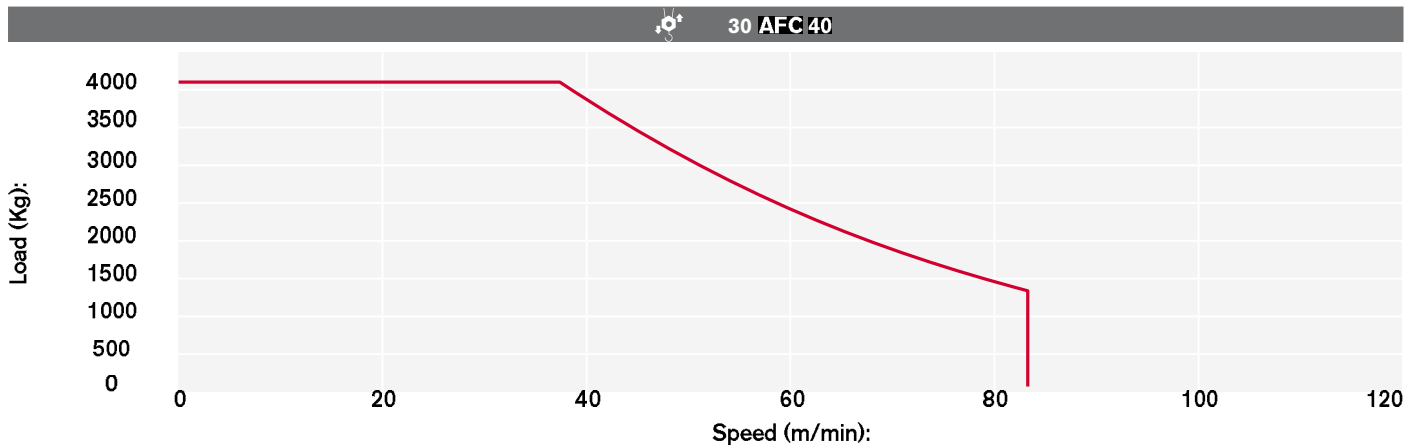
	30 AFC 40	 70 kVA*	 400V - 50Hz / 460V - 60Hz	 2000/14/CE modificata
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\* Crane without travelling equipment – Three movements simultaneous at 90% · Krane ohne Schienenfahren – Drei gleichzeitige Bewegungen mit 90% · Grue sans translation – Trois mouvements simultanés à 90% · Grúa sin traslación – Tres movimientos contemporáneos hechos al 90% · Gru senza traslazione – Tre movimenti contemporanei al 90%

### Hoisting · Heben · Levage · Elevación · Sollevamento

			t	m/min	kW	
	30 AFC 40 <sub>D2 F12</sub> 30 AFC 40 <sub>D1 F12 LB</sub> (Variant)		4	0 → 3	30	278 m (D2 F12) 350 m (D1 F12 LB)
			4	3 → 10		
			4	10 → 41		
			2,38	41 → 66		
			1,86	66 → 82		
			8	0 → 1,5		
			8	1,5 → 5		
			8	5 → 20,5		
			4,76	20,5 → 33		
			3,72	33 → 41		

# Hoisting Speed · Heben Geschwindigkeit · Vitesse de Levage · Velocidad de Elevación · Velocità' di Sollevamento



## Additional Specifications · Weitere Leistungsdaten · Spécifications additionnelles · Otras prestaciones · Altre movimentazioni

	DVF 3 5 D1 (Variant)	0 → 6 → 32 → 64 m/min	5 kW
	SSR 2 2 65	0,7 r.p.m. (50Hz) – 0,84 r.p.m. (60 Hz)	2 x 65 Nm
	TAD 2RP 2M4	0 → 24 m/min	2 x 4 kW
	TAD 2RG 4M3	0 → 24 m/min	4 x 3 kW
	<b>i</b>		

		Tower height max.		
		<b>T2</b>	<b>T3</b>	<b>T4</b>
	TAD 2RP 2M4	38,80 m	39,10 m	38,80 m
	TAD 2RG 4M3	> 38,80 m	> 39,10 m	> 38,80 m