

ZOOMLION

FLAT-TOP TOWER CRANE

LIFTING SOLUTIONS

R90-5RE

Specifications:

Max jib length:	50.00 m
Capacity at max length:	1.50 t
Max capacity:	5.00 t

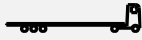


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KEY

Leyenda | Légende | Legende | Legenda

	EN	ES	FR	DE	IT
	High cube 40'	Contenedor 40'	High Cube 40'	High Cube 40'	Cubo alto 40'
	General Purpose 20'	GP 20'	GP 20'	20'-Allzweckcontainer	Utilizzo generale 20'
	Lorry 13.4 m	Camión 13,6 m	Camion 13,6 m	LKW 13,6 m	Autocarro 13,4 m
	Reactions in service	Reacciones en servicio	Réactions en service	Reaktionskräfte in Betrieb	Reazioni in servizio
	Reactions out of service	Reacciones fuera de servicio	Réactions hors service	Reaktionskräfte außer Betrieb	Reazioni fuori servizio
	Fish plate tower section	Sección de tramo de unión por eclisa	Section d'éclisseage	Fischplatteturmstück	Sezione di giunzione
	Bolt tower section	Sección de torre integral de unión por pernos	Section du boulon	Bolzenturmstück	Sezione torre a perni
	Tenon tower section	Sección de torre integral de unión por espiga	Section du tenon	Zapfenturmstück	Sezione torre a tenone
	Square tenon tower section	Sección de torre de espiga cuadrada	Section de tour à tenon carré	Turmabschnitt mit quadratischem Zapfen	Sezione torre a tenone quadrato
	Total weight	Peso total	Poids total	Gesamtgewicht	Peso totale
	Counter weight	Contrapesos	Lest de contre-flèche	Gegenauslegerballast	Contrappeso
	Ground ballast	Lastre en sueloTraslación de grúa	Lest de base	Grundballast	Zavorra a terra
	Hoisting	Elevación	Levage	Heben	Sollevamento
	Slewing	Giro	Rotation	Schwenken	Rotazione
	Trolleying	Traslación de carro	Distribution	Katzfahren	Carrello
	Travelling	Traslación de grúa	Conduite de grue	Kranfahren	Guida gru
	Consult us	Consulte con nosotros	Nous consulter	Konsultieren Sie uns	Contattaci

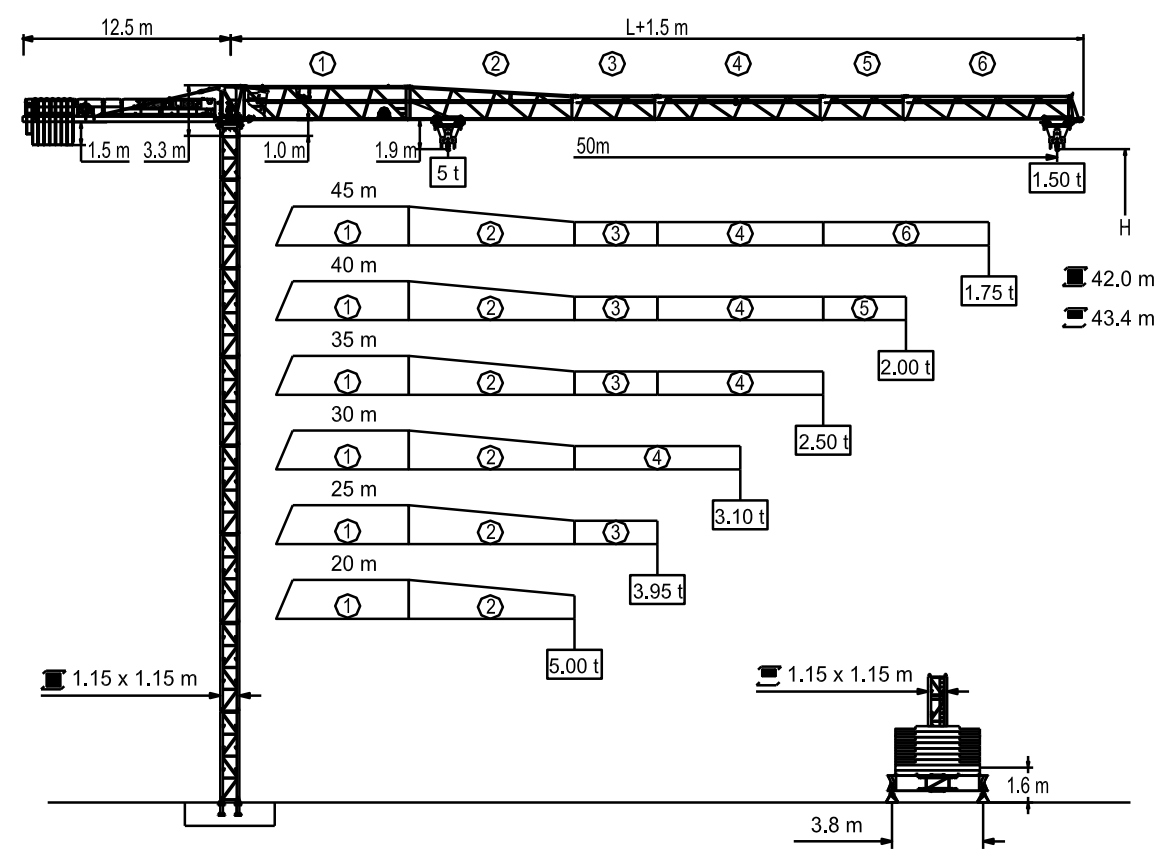


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LOAD DIAGRAM

R90-5RE

Diagrama de carga | Diagramme de charge | Lastdiagramm | Diagramma di carico

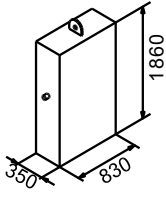
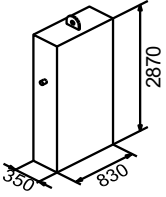


Load curves | Curvas de cargas | Courbes de charges | Lastkurven | Curve di carico

H25FC15 – 440(CE)

 R (m)		Max Capacity m/t	Trolley range (m)														
			15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0
50	2	2.5~34.2/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.43	2.22	2.04	1.88	1.74	1.61	1.50
	4	2.5~19.2/5.0	5.00	5.00	4.76	4.13	3.64	3.23	2.90	2.62	2.38	2.17	1.99	1.83	1.69	1.56	1.45
45	2	2.5~34.4/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.44	2.23	2.05	1.89	1.75		
	4	2.5~19.3/5.0	5.00	5.00	4.78	4.15	3.65	3.25	2.91	2.63	2.39	2.18	2.00	1.84	1.70		
40	2	2.5~33.7/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.38	2.18	2.00				
	4	2.5~18.9/5.0	5.00	5.00	4.67	4.06	3.57	3.17	2.84	2.57	2.33	2.12	1.95				
35	2	2.5~35.0/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50						
	4	2.5~19.6/5.0	5.00	5.00	4.88	4.24	3.73	3.32	2.98	2.69	2.45						
30	2	2.5~30.0/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50								
	4	2.5~20.2/5.0	5.00	5.00	5.00	4.40	3.87	3.45	3.10								
25	2	2.5~25.0/2.5	2.50	2.50	2.50	2.50	2.50										
	4	2.5~20.5/5.0	5.00	5.00	5.00	4.48	3.95										
20	2	2.5~20.0/2.5	2.50	2.50	2.50												
	4	2.5~20.0/5.0	5.00	5.00	5.00												

Counter ballast | Contrapesos | Lest de contre-fleche | Gegenauslegerballast | Contrappesi

	2.0 t	1.3 t		PHZ1300	PHZ2000
50.0 m	6	1	13.3		
45.0 m	6	0	12.0		
40.0 m	5	1	11.3		
35.0 m	5	0	10.0		
30.0 m	4	1	9.3		
25.0 m	4	0	8.0		
20.0 m	3	1	7.3		

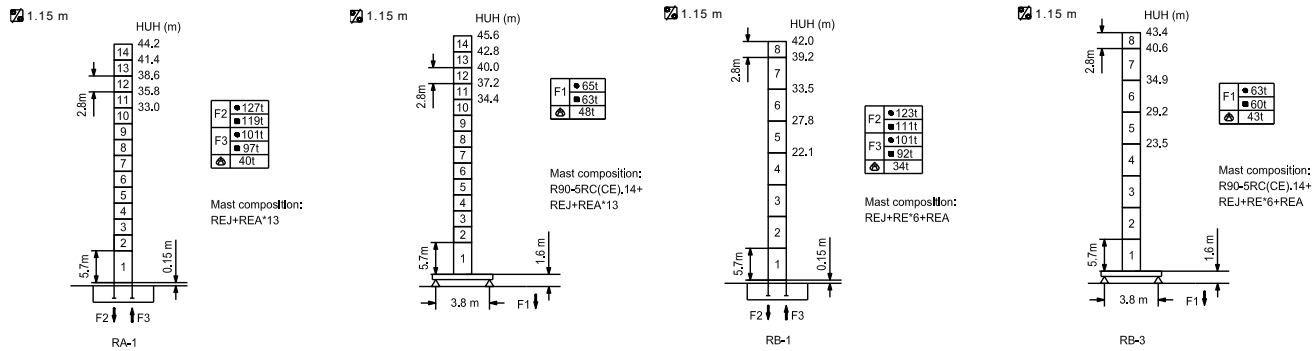
Central ballast (Tower type RE & REA)

 1.15 m , RA-3 - C25								 1.15 m) RB-3 - C25							
 R (m)	20	25	30	35	40	45	50	 R (m)	20	25	30	35	40	45	50
HUH(m)								HUH(m)							
31.6	47.6t	47.6t	47.6t	40.8t	40.8t	40.8t	40.8t	20.6	47.6t	47.6t	47.6t	47.6t	47.6t	47.6t	47.6t
34.4	47.6t	53.6t	47.6t	40.8t	47.6t	47.6t	40.8t	26.3	53.6t	53.6t	53.6t	53.6t	53.6t	53.6t	47.6t
37.2	53.6t	59.6t	53.6t	53.6t	47.6t	47.6t	53.6t	32.0	59.6t	59.6t	59.6t	59.6t	59.6t	59.6t	53.6t
40.0	59.6t	65.6t	59.6t	59.6t	53.6t	53.6t	59.6t	37.7	65.6t	65.6t	65.6t	65.6t	65.6t	65.6t	65.6t
42.8	65.6t	71.6t	65.6t	65.6t	59.6t	65.6t	65.6t	43.4	77.6t	77.6t	77.6t	77.6t	77.6t	77.6t	77.6t
45.6	71.6t	77.6t	71.6t	71.6t	65.6t	71.6t	71.6t	-	-	-	-	-	-	-	-

TOWER

Torre | Tour | Turm | Torre

Mast reactions (Tower type RE & REA)



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

Different heights and tower combinations are available; please consult us
The available lengths for the R tower sections are 2.8 m and 5.7 m.

MECHANISMS

R90-5RE

Mecanismos | Mécanismes | Mechanismen | Meccanismi

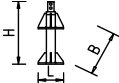
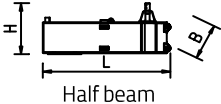
Mechanism	Type	Unit	b		b		kW	
	H25FC15-440(CE)	t	0.63	2.5	1.25	5	25	440 m
		m / min	100	40	50	20		
	S75C6A-150LB12/16A(CE)	r / min	0 - 0.8				7.5	
	T30FC60-b(DCE)	m / min	0 - 100				3.0	
	ZA52-D	m / min	0 - 25				2 x 5.2	
	B52-D							
	400 V(±10%) 50Hz	35.5 kW						

TRANSPORTATION

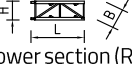
Packing list

Transporte | Transport | Verkehr | Trasporto

Undercarriage

Sketch / Designation	L (m)	B (m)	H (m)	G (kg)	Qty
 Outrigger (R90-5°(CE).15)	0.46	0.46	1.20	178	4
 Whole beam	6.41	0.60	1.32	3002	1
 Half beam	3.05	0.60	1.32	1497	2

Tower

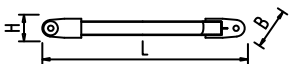
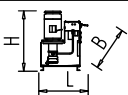
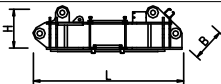
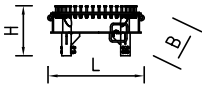
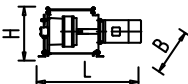
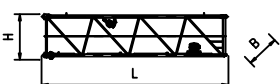
Sketch / Designation	L (m)	B (m)	H (m)	G (kg)	Qty
 Base tower section (REJ)	5.90	1.18	1.18	1832	1
 Tower section (RE)	5.90	1.18	1.18	1699	6
 Short tower section (REA)	3.00	1.18	1.18	965	1
 Add-on platform part	0.97	2.16	1.33	157	2

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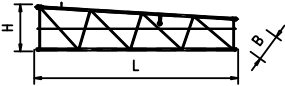
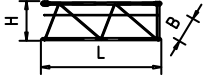
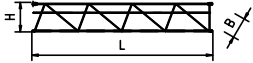
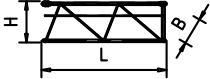
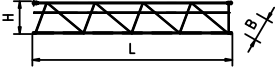
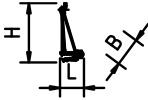
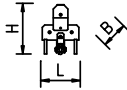
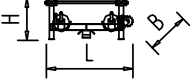
Cabin (optional)

Sketch / Designation	L (m)	B (m)	H (m)	G (kg)	Qty
 Cabin	2.08	1.30	2.16	480	1

Upper part

Sketch / Designation	L (m)	B (m)	H (m)	G (kg)	Qty
 Counterjib	11.83	2.73	1.50	2681	1
 Counter-jib tie bar part	7.36	0.18	0.20	222	2
 Tower head	1.65	1.63	2.02	736	1
 Hoisting mechanism	1.00	0.72	0.45	920	1
 Turntable structure	1.65	1.83	0.53	727	1
 Slewing support	1.52	1.52	0.79	733	1
 Slewing mechanism	0.42	0.42	1.47	351	1
 Trolley mechanism	1.16	0.73	0.61	274	1
 Jib section	10.20	0.98	2.38	1716	1

Upper part (continued)

Sketch / Designation	L (m)	B (m)	H (m)	G (kg)	Qty
 Jib section II	10.18	0.98	2.23	1122	1
 Jib section III	5.18	0.98	1.62	522	1
 Jib section IV	10.16	0.98	1.60	751	1
 Jib section V	5.16	0.98	1.57	271	1
 Jib section VI	10.15	0.98	1.57	477	1
 Jib section IX	0.87	0.98	1.78	94	1
 Hook	0.93	0.36	1.54	292	1
 Trolley	1.92	1.66	0.90	284	1

EN

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ES

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FR

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DE

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