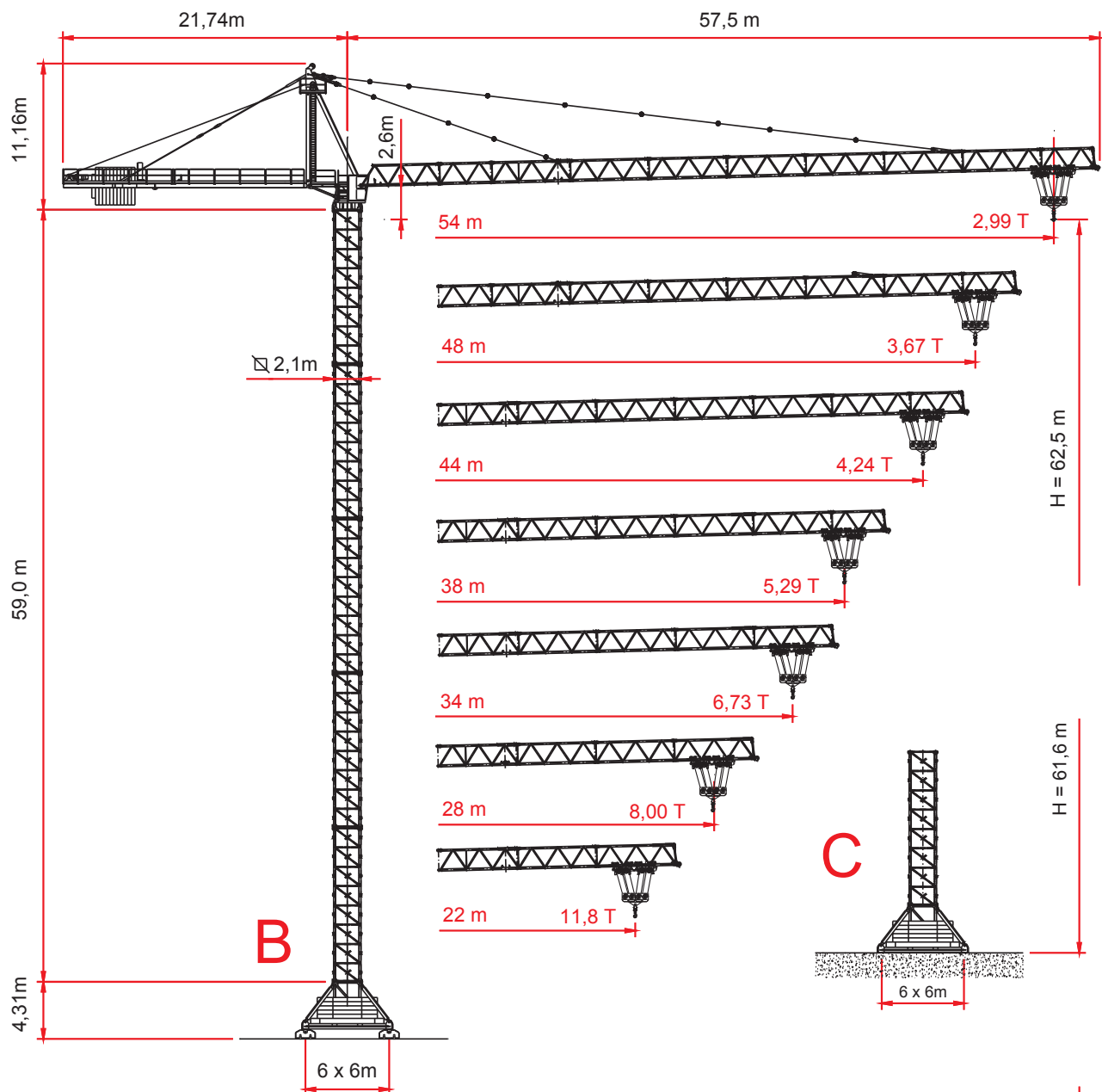




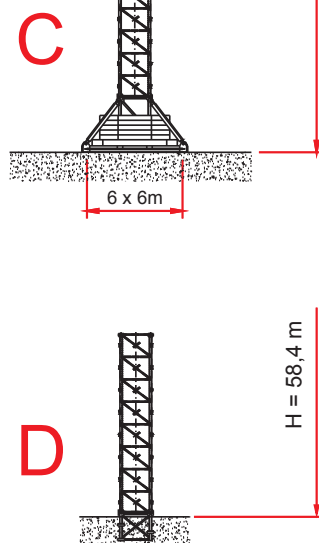
ER 240 _28.0T

HAMMER HEAD CRANE



A4 FEM1.001

H = Height under hook
Altezza sotto gancio
Hauteur sous crochet
Altura bajo el gancho
Высота под крюком





ER 240 _28.0T

TOWER CONFIGURATION - REACTIONS

CONFIGURAZIONE TORRE - REAZIONI / CONFIGURATION TOUR - RÉACTIONS / TORRE DE CONFIGURACIÓN - REACCIONES / КОНФИГУРАЦИЯ БАШНИ — РЕАКЦИИ

2,1 m L = 6,0 m - B

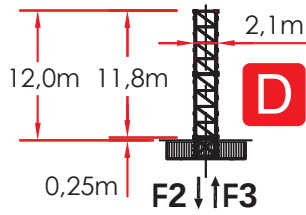
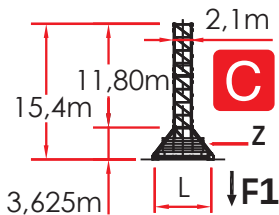
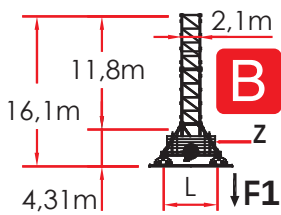
	H (m)	Z (t)	F1(kN)
8	5,9 m	62,5	96,46 1115
7	5,9 m	56,6	90,00 993
6	5,9 m	50,7	83,54 864
5	5,9 m	44,8	77,08 808
4	5,9 m	38,9	70,62 756
3	5,9 m	33,0	70,62 723
+2	5,9 m	27,1	70,62 693

2,1 m L = 6,0 m - C

	H (m)	Z (t)	F1(kN)
8	5,9 m	61,6	96,46 1072
7	5,9 m	55,7	90,00 952
6	5,9 m	49,8	83,54 847
5	5,9 m	43,9	77,08 791
4	5,9 m	38,0	70,62 739
3	5,9 m	32,1	70,62 707
+2	5,9 m	26,2	70,62 677

2,1 m - D

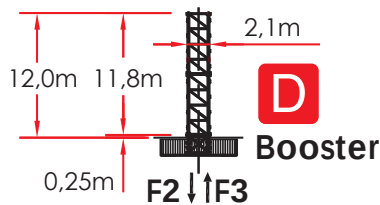
	H (m)	F2(kN)	F3(kN)
8	5,9 m	58,4	1805 1370
7	5,9 m	52,5	1590 1154
6	5,9 m	46,6	1468 1050
5	5,9 m	40,7	1361 959
4	5,9 m	34,8	1265 881
3	5,9 m	28,9	1182 815
+2	5,9 m	23,0	



Comply with the specified ballast / Attenersi alla zavorra indicata / S'en tenir au lest indiqué / Respetar el peso de lastre indicado / Соблюдать указанный балласт

2,1m L - Booster

	H (m)	F2(kN)	F3(kN)
9	5,9 m	64,3	2309 1974
8	5,9 m	-	-
7	5,9 m	-	-
6	5,9 m	-	-
5	5,9 m	-	-
4	5,9 m	-	-
3	5,9 m	-	-
+2	5,9 m	-	-





ER 240 _28.0T

LOAD DIAGRAMS 28.0 T

DIAGRAMMA DI PORTATA / DIAGRAMME DE CHARGE UTILE / CURVAS DE CARGA / ДИАГРАММА ГРУЗОПОДЪЕМНОСТИ

28.000 Kg							
JIB	22.0	28.0	34.0	38.0	44.0	48.0	54.0
2,8 ▶	10.0	10.0	10.0	10.0	10.0	10.0	9.0
2	28000	28000	28000	28000	28000	28000	28000
4	28000	28000	28000	28000	28000	28000	28000
6	28000	28000	28000	28000	28000	28000	28000
8	28000	28000	28000	28000	28000	28000	28000
10	28000	28000	28000	28000	28000	28000	27945
12	24445	22732	22818	22795	22727	22585	22481
14	20359	18910	18983	18963	18906	18786	18698
16	17364	16108	16171	16154	16104	16000	15923
18	15073	13965	14020	14005	13961	13869	13802
20	13264	12273	12322	12309	12270	12187	12127
22	11800	10903	10948	10936	10900	10826	10771
24		9772	9813	9802	9769	9701	9651
26		8821	8859	8849	8819	8756	8710
28		8011	8046	8037	8009	7951	7909
30			7346	7337	7312	7258	7218
32			6736	6728	6704	6653	6616
34			6200	6192	6170	6122	6088
36				5718	5697	5652	5619
38				5295	5275	5232	5201
40					4896	4856	4827
42	 				4554	4516	4488
44					4244	4208	4181
46						3927	3902
48						3670	3646
50							3411
52							3195
54							2995

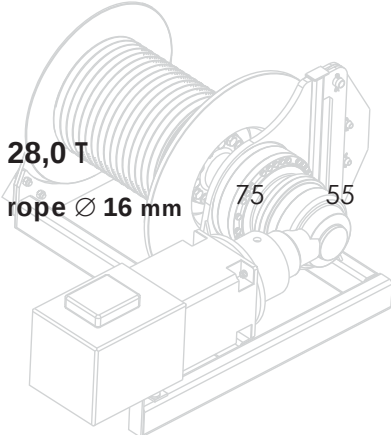
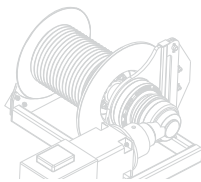
ULTRALIFT _ALL INTERMEDIATE LOADS ARE DECREASED OF 10% IF THE CRANE IS NOT EQUIPPED WITH ULTRALIFT CONTROL / SENZA IL SISTEMA ULTRALIFT TUTTE LE PORTATE INTERMEDIE DIMINUISCONO IL CARICO DEL 10% / LES CHARGES INTERMEDIAIRES SONT DIMINUÉES DE 10% SI LA GRUE N'EST PAS ÉQUIPÉ D'UN CONTROLE ULTRALIFT / SIN EL SISTEMA ULTRALIFT LOS MISURA INTERMEDIOS DISMINUIR EL CARICO DEL 10% / БЕЗ ULTRALIFT ПРОМЕЖУТОЧНОЙ УМЕНЬШАЕТСЯ НА 10% НАГРУЗКИ.



ER 240 _28.0T

HOISTING WINCH INVERTER - PERFORMANCES
MECCANISMI / MÉCANISMES / MECANISMOS / МЕХАНИЗМЫ

400 VOLT ± 5% - 50Hz _DIRECTIVE 14/12 - 2005/88/CE

HOISTING WINCH	POWER POTENZA		ROPE FUNE	STEP MARCIA	LOAD CARICO	SPEED VELOCITÀ	LOAD CARICO	SPEED VELOCITÀ
ARGANO	CV-ch Ps-hp	kW	m.		Kg.	 m/min.	Kg.	  m/min.
 28,0 T rope Ø 16 mm	75	55	300 500 LB	1	14000	4	28000	2
				2	14000	12	28000	6
				3	14000	20	28000	10
				4	7200	32	14400	16
				5	5000	40	10000	20
				55 kW				

ABSORPTIONS / ASSORBIMENTI 62 kW

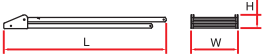
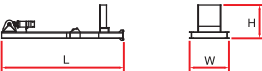
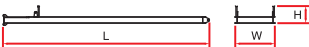
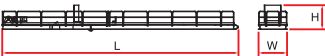
	SLEWING	0,26 / 0,48 / 0,7 min ⁻¹	3 X 4 kW	(*) SPEED AUTOMATICALLY CONTROLLED BY A CURRENT SENSOR / VELOCITÀ REGOLATA AUTOMATICAMENTE DA SENSORE DI CORRENTE / VITESSE RÉGLÉE AUTOMATIQUEMENT PAR CAPTEUR DE COURANT / ACELERAR CONTROLADO AUTOMÁTICAMENTE POR UN SENSOR DE CORRIENTE / СКОРОСТЬ АВТОМАТИЧЕСКИ РЕГУЛИРУЕТСЯ ДАТЧИКОМ ТОКА
	TROLLEY	6,0 / 17,0 / 28,0 m/min	11 kW	
	TRAVELLING	19 m/min	4 X 4 kW	



ER 240 _28.0T

PACKING LIST

LISTA DEI COLLI / LISTE DE COLISAGE / LISTA DE CONTENIDO / ВЕС И ГАБАРИТНЫЕ РАЗМЕРЫ

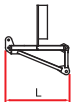
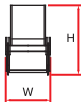
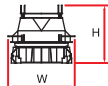
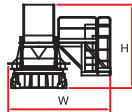
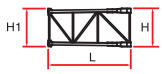
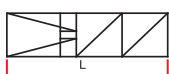
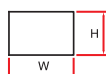
DESCRIPTION DENOMINAZIONE	ITEM POS.	PIECES PEZZI	DRAWING DISEGNO	DIMENSIONS mm			WEIGHT kg	
				L	W	H	UNIT	TOTAL
JIB ELEMENT / ELEMENTO DI FRECCIA / ELÈMENT DE FLÈCHE / ELEMENTO DE FLECHA / элемент стрелка	1	n. 1		6,200	1,500	1,670	1105	-
		n. 2		4,240	1,500	1,670	731	-
		n. 3		6,240	1,500	1,670	1181	-
		n. 4 -5		6,240	1,500	1,650	1050	-
		n. 6 -7		6,240	1500	1,650	1050	-
		n. 8		6,240	1,500	1,650	1001	-
		n. 9		6,240	1,500	1,630	1050	-
		n. 10		4,200	1,500	1,610	588	-
JIB POINT / PUNTALE FRECCIA / ELÈMENT POINTE / PUNTAL DE FLECHA / наконечник стрелка		1		0,740	1,510	0,340	121	-
A FRAME / CUSPIDE / POINTE / CÙSPIDE / шпиль	2	1		9,500	1,550	0,800	3500	-
EXTERNAL COUNTERJIB SECTION WITH HOISTING WINCH, ELECTRICAL BOX. TERMINAL ELEMENT* / ELEMENTO ESTERNO CONTROFRECCIA, ARGANO SOLL., QUADRO ELETTR., PORTABLOCCHI* / CONTRFLÈCHE EXTÉRIEURE PORTE TREUIL DE LEVAGE, ARMOIRE ELECTRIQUE, ELÈMENT TERMINAL* / CONTRAFLECHA, CABRESTANTE DE ELEVACIÓN, CUADRO ELÉCTRICO / контрстрела лебедка, электрические, блокидержатель*	3	1		7,100	2,270	2,040	3600	-
INTERNAL COUNTERJIB SECTION / ELEMENTO INTERNO CONTROFRECCIA / CONTRFLÈCHE INTÉRIEUR / ELEMENTO INTERNO DE LA CONTRAFLECHA / внутренний элемент контрстрелы	4	1		11,830	2,270	1,100	2100	-
COMPLETE COUNTERJIB / CONTROFRECCIA COMPLETA / CONTRFLÈCHE COMPLÈTE / CONTRAFLECHA COMPLETA / полная контрстрела	5	1		18,830	2,270	2,040	7000	-



ER 240 _28.0T

PACKING LIST

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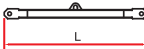
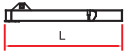
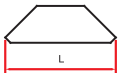
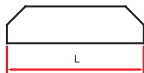
DESCRIPTION DENOMINAZIONE	ITEM POS.	PIECES PEZZI	DRAWING DISEGNO	DIMENSIONS mm			WEIGHT Kg			
				L	W	H	UNIT	TOTAL		
SWITCHBOARD SUPPORT FRAME / CODA TELAIO GIREVOLE / SUPPORT DE L'ARMOIRE ÉLECTRIQUE / COLA BASTIDOR GIRATORIA / поворотный хвост станины	6	1	 	2,470	1,700	2,530	1300	-		
SLEWING TABLE / GRUPPO GIREVOLE / TABLE TOURNANTE / GIRATORIO / вращения	7	1	 	2,300	2,540	2,270	5500	-		
ACCESS BALCONY, CABIN / BALLATOIO CABINA, CABINA / PORTE CABINE / BALCÓN CORRIDO CABINA, CABINA / площадка кабины, кабина	8	1	 	3,450	2,000	2,240	930	-		
ASSEMBLY OF POS. 6 - 7 - 8 / ASSIEME MONTATO N. 6 - 7 - 8 / GROUPE 6 - 7 - 8 / CONJUNTO MONTADO 6 - 7 - 8 / монтированный сборочный узел 6 - 7 - 8	9	1	 	5,890	4,240	3,350	8180	-		
COUNTERWEIGHT BLOCK / BLOCCHI DI CONTRAPPESO / CONTRE-POIDS / BLOQUES DE CONTRAPESO / блокн противовеса	10	11	 	A	W	2,870	1,200	0,275	2022	22242
		1	 	B	W	1,815	1,200	0,275	1296	-
TOWER ELEMENT / ELEMENTO DI TORRE ELÈMENT DE MATURE / ELEMENTO DE TORRE / башенный элемент	11	-	 	GR5	5,90	2,300	2,300	3450	-	
	12	-	 		2,95	2,300	2,300	1900	-	
	13	-	 	GR6	5,000	2,325	H 2,320 H1 2,300	3000	-	
	14	-	 		6,000	2,325	2,320	5555	-	
BASE ELEMENT / ELEMENTO DI BASE / MAT DE BASE /ELEMENTO DE BASE / элемент основания	15	1	 	3,000	2,400	2,400	1950	-		
CLIMBING CAGE / GABBIA DI MONTAGGIO / CAGE DE MONTAGE / JAULA DE MONTAJE / монтажная клеть	16	1	 	8,530	3,100	2,300	7670	-		



ER 240 _28.0T

PACKING LIST

LISTA DEI COLLI / LISTE DE COLISAGE / LISTA DE CONTENIDO / ВЕС И ГАБАРИТНЫЕ РАЗМЕРЫ

DESCRIPTION DENOMINAZIONE	ITEM POS.	PIECES PEZZI	DRAWING DISEGNO	DIMENSIONS mm			WEIGHT Kg	
				L	W	H	UNIT	TOTAL
EXPENDABLE FOUNDATION ELEMENT / TRONCHETTO DI FONDAZIONE / ELÈMENT A SCELLER / TRONCO DE FUNDACIÓN / СТВОЛ ОСНОВАНИЯ	17	1	 	1,820	2,400	2,400	1370	-
FIXING ANGLES / GAMBE DI FONDAZIONE / PIEDS DE SCELLEMENT / PATAS DE FUNDACIÓN / НОЖКИ ОСНОВАНИЯ	18	4	 	1,820	0,470	0,470	280	1120
OBLIQUAL LEGS / PUNTONI DI BASE / JAMBES DE FORCE / CABRIOS DE BASE / СТОЙКИ ОСНОВАНИЯ	19	4	 	3,770	0,230	0,260	340	1360
BASE MAIN BEAM / TRAVE PRINCIPALE CROCIERA DI BASE / POUTRE DE CHASSIS DE BASE / VIGA PRINCIPAL DE LA CRUCETA DE BASE / главная балка крестовины основания	20	1	 	8,900	0,720	0,760	1650	-
HALF BASE BEAM / SEMITRAVE DI BASE / SEMIPOUTRE DE CHASSIS DE BASE / MEDIA VIGA DE LA CRUCETA DE BASE / полубалка крестовины основания	21	2	 	4,350	0,600	0,760	750	1500
DRIVEN BOGIE / BILANCINO TRASLAZIONE MOTORIZZATO / BOGGIE MOTORISÉE / BALANCÍN DE TRASLACIÓN MOTORIZADO / приводной балансир горизонтального перемещения	22	4	 	1,750	0,705	0,790	1000	4000
BASE BALLAST BLOCK / BLOCCO DI ZAVORRA / LEST DE BASE / BLOQUE DE LASTRE / блок балласта	23	-	 	4,200	0,320	1,400	3230	-
		-	 	5,200	0,400	1,400	6240	-



[ER 240 - 28T _REV. _0312] ADL / TECHNICAL DEPARTEMENT

THE DATA OBJECT OF THESE SHEETS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE / I DATI OGGETTO DELLE PRESENTI SCHEDE POTREBBERO SUBIRE MODIFICHE SENZA PREAVVISO / LES INFORMATIONS DONNÉES DANS LES PRÉSENTES FICHES POURRAIENT SUBIR DES MODIFICATIONS SANS PRÉAVIS / LOS DATOS CONTENIDOS EN ESTE FORMULARIO ESTÁN SUJETAS A CAMBIOS SIN PREVIO AVISO / ДАННЫЕ, УКАЗАННЫЕ В НАСТОЯЩИХ СПЕЦИФИКАЦИЯХ, МОГУТ ИЗМЕНЯТЬСЯ БЕЗ ПРЕДВАРИТЕЛЬНОГО ПРЕДУПРЕЖДЕНИЯ.