

A4 EN 14439 - C50 - D50

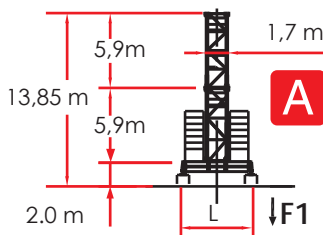
## TOWER CONFIGURATION - REACTIONS

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

### EN 14439 - C50

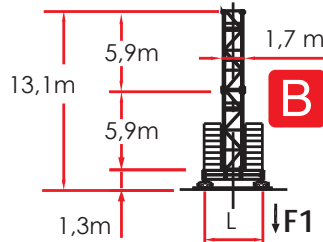
#### ▣ 1,7 m L = 4,5 m - A

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	46,10	110,58
5	5,9 m	43,15	104,68
4	5,9 m	37,25	98,78
3	5,9 m	31,35	92,88
2	5,9 m	25,45	86,98
+1	5,9 m	19,55	81,08



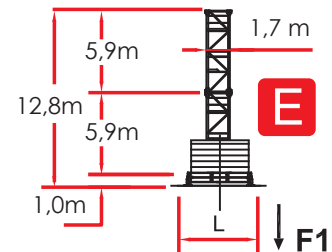
#### ▣ 1,7 m L = 4,5 m - B

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,50	106,2
5	5,9 m	42,55	100,3
4	5,9 m	36,65	94,4
3	5,9 m	30,75	88,5
2	5,9 m	24,85	82,6
+1	5,9 m	18,95	76,7



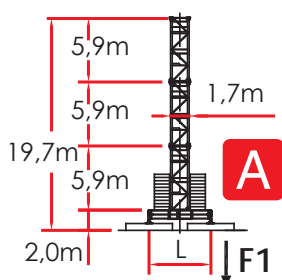
#### ▣ 1,7 m L = 4,5 m - E

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,35	106,2
5	5,9 m	42,40	100,3
4	5,9 m	36,50	94,4
3	5,9 m	30,60	88,5
2	5,9 m	24,70	82,6
+1	5,9 m	18,80	76,7



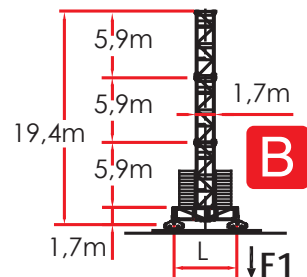
#### ▣ 1,7 m L = 6,0 m - A

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	46,10	75,18
5	5,9 m	43,15	75,18
4	5,9 m	37,25	69,28
3	5,9 m	31,35	63,38
2	5,9 m	25,45	57,48
+1	5,9 m	19,55	57,48



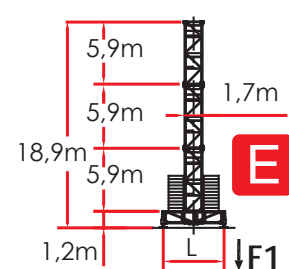
#### ▣ 1,7 m L = 6,0 m - B

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,50	70,8
5	5,9 m	42,55	70,8
4	5,9 m	36,65	64,9
3	5,9 m	30,75	59,0
2	5,9 m	24,85	53,1
+1	5,9 m	18,95	53,1



#### ▣ 1,7 m L = 6,0 m - E

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,35	70,8
5	5,9 m	42,40	70,8
4	5,9 m	36,50	64,9
3	5,9 m	30,60	59,0
2	5,9 m	24,70	53,1
+1	5,9 m	18,80	53,1



## TOWER CONFIGURATION - REACTIONS

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

### EN 14439 - C50

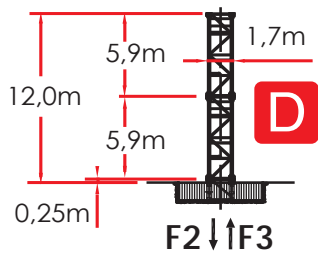
#### ▣ 1,7 m - D

	H (m)	F2(kN)	F3(kN)
6	2,95 m	44,20	1203
5	5,9 m	41,25	1151
4	5,9 m	35,35	1060
3	5,9 m	29,45	981
2	5,9 m	23,55	913
+1	5,9 m	17,65	856



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

\*H = Telaio di raccordo a spinta incluso  
Climbing cage connection frame including  
Elément de telescopage compris  
Bastidor de enlace de empuje incluido  
Включая boost подгонки фрейма



#### ▣ 2,1 m L = 6,0 m

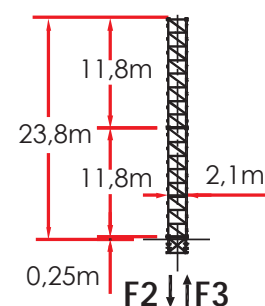
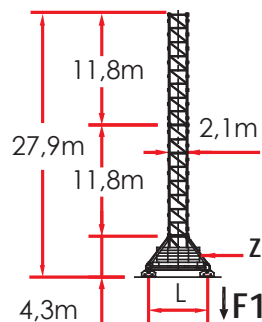
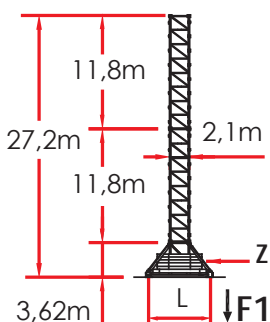
	*H (m)	Z (t)	F1(kN)
7	-	-	-
6	5,9 m	57,75	90,0
5	5,9 m	51,85	77,08
4	5,9 m	45,95	70,62
3	5,9 m	40,05	64,16
2	5,9 m	34,15	57,7
+1	5,9 m	28,25	57,7

#### ▣ 2,1 m L = 6,0 m

	*H (m)	Z (t)	F1(kN)
7	-	-	-
6	5,9 m	58,35	90,0
5	5,9 m	52,45	77,08
4	5,9 m	46,55	70,62
3	5,9 m	40,65	64,16
2	5,9 m	34,75	57,7
+1	5,9 m	28,85	57,7

#### ▣ 2,1 m

	*H (m)	F2(kN)	F3(kN)
7	-	-	-
6	5,9 m	54,55	1652
5	5,9 m	48,65	1275
4	5,9 m	42,75	967
3	5,9 m	36,85	893
2	5,9 m	30,95	828
+1	5,9 m	25,05	771

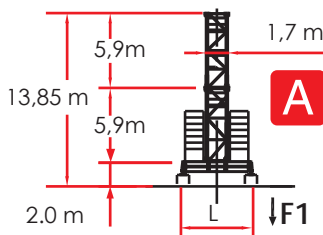


**TOWER CONFIGURATION - REACTIONS**

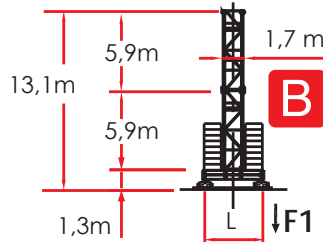
CONFIGURAZIONE TORRE - REAZIONI / CONFIGURATION TOUR - RÉACTIONS / TORRE DE CONFIGURACIÓN - REACCIONES / КОНФИГУРАЦИЯ БАШНИ - РЕАКЦИИ

**EN 14439 - D50**
**▣ 1,7 m L = 4,5 m - A**

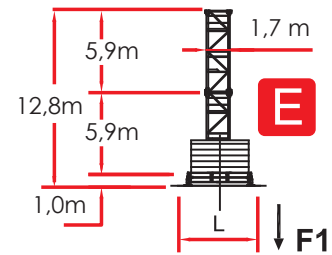
	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	46,10	110,58
5	5,9 m	43,15	104,68
4	5,9 m	37,25	98,78
3	5,9 m	31,35	92,88
2	5,9 m	25,45	86,98
+1	5,9 m	19,55	81,08


**▣ 1,7 m L = 4,5 m - B**

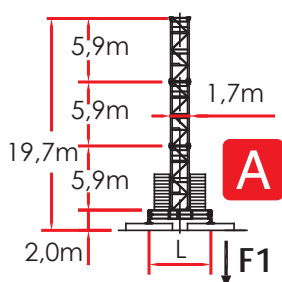
	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,50	106,2
5	5,9 m	42,55	100,3
4	5,9 m	36,65	94,4
3	5,9 m	30,75	88,5
2	5,9 m	24,85	82,6
+1	5,9 m	18,95	76,7


**▣ 1,7 m L = 4,5 m - E**

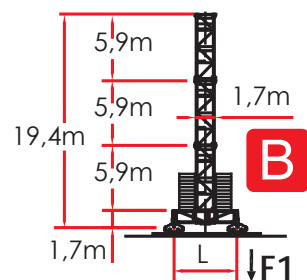
	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,35	106,2
5	5,9 m	42,40	100,3
4	5,9 m	36,50	94,4
3	5,9 m	30,60	88,5
2	5,9 m	24,70	82,6
+1	5,9 m	18,80	76,7


**▣ 1,7 m L = 6,0 m - A**

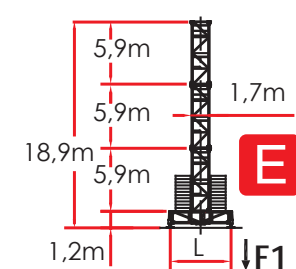
	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	46,10	75,18
5	5,9 m	43,15	75,18
4	5,9 m	37,25	69,28
3	5,9 m	31,35	63,38
2	5,9 m	25,45	57,48
+1	5,9 m	19,55	57,48


**▣ 1,7 m L = 6,0 m - B**

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,50	70,8
5	5,9 m	42,55	70,8
4	5,9 m	36,65	64,9
3	5,9 m	30,75	59,0
2	5,9 m	24,85	53,1
+1	5,9 m	18,95	53,1


**▣ 1,7 m L = 6,0 m - E**

	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	2,95m	45,35	70,8
5	5,9 m	42,40	70,8
4	5,9 m	36,50	64,9
3	5,9 m	30,60	59,0
2	5,9 m	24,70	53,1
+1	5,9 m	18,80	53,1



## TOWER CONFIGURATION - REACTIONS

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

### EN 14439 - D50

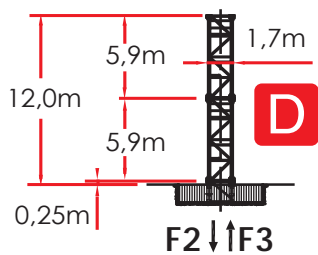
#### ▣ 1,7 m - D

	H (m)	F2(kN)	F3(kN)
6	2,95 m	44,20	1497
5	5,9 m	41,25	1273
4	5,9 m	35,35	1060
3	5,9 m	29,45	981
2	5,9 m	23,55	913
+1	5,9 m	17,65	856



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

\*H = Telaio di raccordo a spinta incluso  
Climbing cage connection frame including  
Elément de telescopage compris  
Bastidor de enlace de empuje incluido  
Включая boost подгонки фрейма



#### ▣ 2,1 m L = 6,0 m

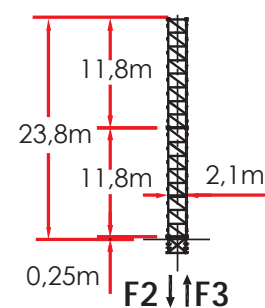
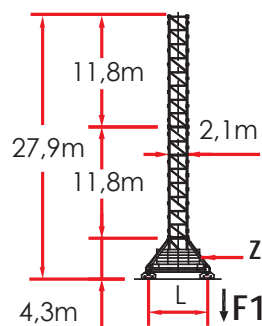
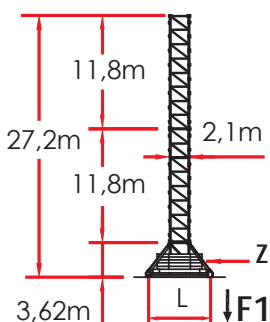
	*H (m)	Z (t)	F1(kN)
7	-	-	-
6	5,9 m	51,85	96,46
5	5,9 m	45,95	77,08
4	5,9 m	40,05	70,62
3	5,9 m	34,15	64,16
2	5,9 m	28,25	57,7
+1	5,9 m	22,35	57,7

#### ▣ 2,1 m L = 6,0 m

	*H (m)	Z (t)	F1(kN)
7	-	-	-
6	5,9 m	52,45	96,46
5	5,9 m	46,55	77,08
4	5,9 m	40,65	70,62
3	5,9 m	34,75	64,16
2	5,9 m	28,85	57,7
+1	5,9 m	22,95	57,7

#### ▣ 2,1 m

	*H (m)	F2(kN)	F3(kN)
7	-	-	-
6	5,9 m	48,65	1719
5	5,9 m	42,75	1294
4	5,9 m	36,85	932
3	5,9 m	30,95	828
2	5,9 m	25,05	771
+1	5,9 m	19,15	721



## LOAD DIAGRAMS 4.0 T

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



JIB (m):	25	30,5	36,5	42,5	48	54	60	65
<b>Load 4.0T:</b>	<b>25,0</b>	<b>30,5</b>	<b>36,5</b>	<b>42,5</b>	<b>48,0</b>	<b>49,1</b>	<b>46,1</b>	<b>42,3</b>
21	4000	4000	4000	4000	4000	4000	4000	4000
22	4000	4000	4000	4000	4000	4000	4000	4000
23	4000	4000	4000	4000	4000	4000	4000	4000
24	4000	4000	4000	4000	4000	4000	4000	4000
<b>25</b>	<b>4000</b>	4000	4000	4000	4000	4000	4000	4000
26		4000	4000	4000	4000	4000	4000	4000
27		4000	4000	4000	4000	4000	4000	4000
28		4000	4000	4000	4000	4000	4000	4000
29		4000	4000	4000	4000	4000	4000	4000
30		4000	4000	4000	4000	4000	4000	4000
<b>30,5</b>		<b>4000</b>	4000	4000	4000	4000	4000	4000
31			4000	4000	4000	4000	4000	4000
32			4000	4000	4000	4000	4000	4000
33			4000	4000	4000	4000	4000	4000
34			4000	4000	4000	4000	4000	4000
35			4000	4000	4000	4000	4000	4000
36			4000	4000	4000	4000	4000	4000
<b>36,5</b>			<b>4000</b>	4000	4000	4000	4000	4000
37				4000	4000	4000	4000	4000
38				4000	4000	4000	4000	4000
39				4000	4000	4000	4000	4000
40				4000	4000	4000	4000	4000
41				4000	4000	4000	4000	4000
42				4000	4000	4000	4000	4000
<b>42,5</b>				<b>4000</b>	4000	4000	4000	3973
43					4000	4000	4000	3919
44					4000	4000	4000	3814
45					4000	4000	4000	3714
46					4000	4000	4000	3618
47					4000	4000	3908	3527
<b>48</b>					<b>4000</b>	4000	3813	3439
49						4000	3721	3355
50						3916	3633	3274
51						3825	3548	3197
52						3739	3467	3122
53						3655	3389	3051
<b>54</b>						<b>3575</b>	3313	2982
55							3241	2915
56							3171	2851
57							3104	2790
58							3038	2730
59							2976	2673
59,5							2945	2644
<b>60</b>							<b>2915</b>	2617
61								2563
62								2511
63								2461
64								2412
<b>65</b>								<b>2365</b>



**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 DIMINUEES DE 10% SI LA GRUE N'EST PAS EQUIPEE D'UN CONTROLE ULTRALIFT / SIN EL SISTEMA ULTRALIFT LOS MISAURA INTERMEDIOS DISMINUIR EL CARICO DEL 10% / БЕЗ ULTRALIFT ПРОМЕЖУТОЧНОЙ УМЕНЬШАЕТСЯ НА 10% НАГРУЗКИ.

## LOAD DIAGRAMS 8.0 T

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

JIB (m):	25	30,5	36,5	42,5	48	54	60	65
<b>Load 8.0T:</b>	<b>25,0</b>	<b>30,5</b>	<b>30,8</b>	<b>30,1</b>	<b>28,1</b>	<b>26,6</b>	<b>25,1</b>	<b>23,2</b>
21	8000	8000	8000	8000	8000	8000	8000	8000
22	8000	8000	8000	8000	8000	8000	8000	8000
23	8000	8000	8000	8000	8000	8000	8000	8000
24	8000	8000	8000	8000	8000	8000	8000	7685
<b>25</b>	<b>8000</b>	8000	8000	8000	8000	8000	8000	7335
26		8000	8000	8000	8000	8000	7691	7012
27		8000	8000	8000	8000	7875	7367	6714
28		8000	8000	8000	8000	7556	7067	6438
29		8000	8000	8000	7728	7260	6788	6181
30		8000	8000	8000	7436	6984	6528	5941
<b>30,5</b>		<b>8000</b>	8000	7895	7297	6853	6404	5828
31			7949	7751	7163	6726	6285	5718
32			7668	7477	6908	6484	6058	5509
33			7405	7220	6668	6258	5844	5312
34			7158	6978	6443	6045	5644	5128
35			6925	6750	6231	5845	5455	4954
36			6705	6535	6031	5656	5277	4790
<b>36,5</b>			<b>6600</b>	6433	5935	5565	5192	4712
37				6333	5842	5477	5109	4636
38				6140	5663	5308	4950	4489
39				5958	5493	5148	4799	4350
40				5786	5332	4995	4655	4218
41				5622	5179	4851	4519	4093
42				5465	5034	4713	4390	3974
<b>42,5</b>				<b>5390</b>	4964	4647	4327	3916
43					4895	4582	4266	3860
44					4763	4457	4149	3752
45					4637	4338	4036	3648
46					4516	4224	3929	3549
47					4401	4115	3826	3455
<b>48</b>					<b>4290</b>	4010	3728	3364
49						3910	3633	3277
50						3814	3543	3194
51						3721	3456	3114
52						3632	3372	3037
53						3547	3292	2963
<b>54</b>						<b>3465</b>	3214	2892
55							3140	2823
56							3068	2757
57							2999	2694
58							2932	2632
59							2867	2573
59,5		+ 85 Kg					2836	2544
<b>60</b>							<b>2805</b>	2515
61								2460
62								2406
63								2354
64								2304
<b>65</b>								<b>2255</b>

**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 INTERMEDIARES 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.

## LOAD DIAGRAMS 5.0 T

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

JIB (m):	25	30,5	36,5	42,5	48	54	60	65
<b>Load 5.0T:</b>	<b>25,0</b>	<b>30,5</b>	<b>36,5</b>	<b>42,5</b>	<b>43,0</b>	<b>40,5</b>	<b>38,0</b>	<b>34,9</b>
17	5000	5000	5000	5000	5000	5000	5000	5000
18	5000	5000	5000	5000	5000	5000	5000	5000
19	5000	5000	5000	5000	5000	5000	5000	5000
20	5000	5000	5000	5000	5000	5000	5000	5000
21	5000	5000	5000	5000	5000	5000	5000	5000
22	5000	5000	5000	5000	5000	5000	5000	5000
23	5000	5000	5000	5000	5000	5000	5000	5000
24	5000	5000	5000	5000	5000	5000	5000	5000
<b>25</b>	<b>5000</b>	5000	5000	5000	5000	5000	5000	5000
26		5000	5000	5000	5000	5000	5000	5000
27		5000	5000	5000	5000	5000	5000	5000
28		5000	5000	5000	5000	5000	5000	5000
29		5000	5000	5000	5000	5000	5000	5000
30		5000	5000	5000	5000	5000	5000	5000
<b>30,5</b>		<b>5000</b>	5000	5000	5000	5000	5000	5000
31			5000	5000	5000	5000	5000	5000
32			5000	5000	5000	5000	5000	5000
33			5000	5000	5000	5000	5000	5000
34			5000	5000	5000	5000	5000	5000
35			5000	5000	5000	5000	5000	4978
36			5000	5000	5000	5000	5000	4820
<b>36,5</b>			<b>5000</b>	5000	5000	5000	5000	4744
37				5000	5000	5000	5000	4670
38				5000	5000	5000	5000	4528
39				5000	5000	5000	4855	4393
40				5000	5000	5000	4715	4266
41				5000	5000	4929	4583	4144
42				5000	5000	4795	4457	4029
<b>42,5</b>				<b>5000</b>	5000	4730	4396	3973
43					4994	4667	4337	3919
44					4864	4544	4222	3814
45					4740	4428	4113	3714
46					4622	4316	4008	3618
47					4508	4210	3908	3527
<b>48</b>					<b>4400</b>	4107	3813	3439
49						4010	3721	3355
50						3916	3633	3274
51						3825	3548	3197
52						3739	3467	3122
53						3655	3389	3051
<b>54</b>						<b>3575</b>	3313	2982
55							3241	2915
56							3171	2851
57							3104	2790
58							3038	2730
59							2976	2673
59,5							2945	2644
<b>60</b>							<b>2915</b>	2617
61								2563
62								2511
63								2461
64								2412
<b>65</b>								<b>2365</b>



**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 MISAURA INTERMEDIOS DISMINUIR EL CARICO DEL 10% / БЕЗ ULTRALIFT ПРОМЕЖУТОЧНОЙ УМЕНЬШАЕТСЯ НА 10% НАГРУЗКИ.



## LOAD DIAGRAMS 10.0 T

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

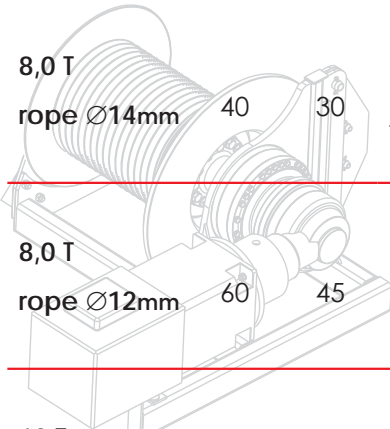
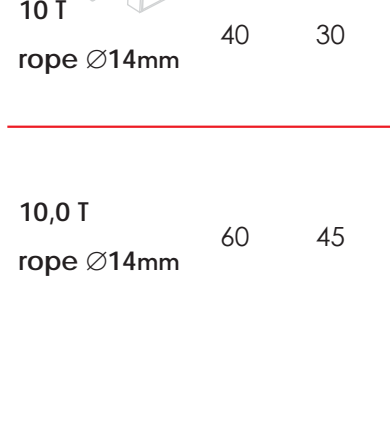
JIB (m):	25	30,5	36,5	42,5	48	54	60	65
<b>Load 10T:</b>	<b>25,0</b>	<b>25,4</b>	<b>25,1</b>	<b>24,6</b>	<b>23,0</b>	<b>21,8</b>	<b>20,5</b>	<b>19,0</b>
17	10000	10000	10000	10000	10000	10000	10000	10000
18	10000	10000	10000	10000	10000	10000	10000	10000
19	10000	10000	10000	10000	10000	10000	10000	9973
20	10000	10000	10000	10000	10000	10000	10000	9410
21	10000	10000	10000	10000	10000	10000	9747	8903
22	10000	10000	10000	10000	10000	9873	9248	8443
23	10000	10000	10000	10000	9983	9391	8793	8024
24	10000	10000	10000	10000	9516	8949	8378	7642
<b>25</b>	<b>10000</b>	10000	10000	9819	9088	8544	7996	7291
26		9746	9631	9396	8693	8171	7645	6967
27		9342	9231	9005	8329	7827	7320	6668
28		8967	8860	8642	7991	7507	7020	6391
29		8619	8516	8305	7677	7211	6740	6134
30		8294	8195	7992	7385	6934	6480	5894
<b>30,5</b>		<b>8140</b>	8042	7843	7246	6803	6356	5780
31			7895	7698	7112	6676	6236	5670
32			7614	7424	6856	6434	6009	5461
33			7351	7167	6616	6207	5795	5264
34			7103	6925	6391	5994	5594	5079
35			6870	6697	6178	5793	5405	4905
36			6650	6482	5978	5604	5227	4741
<b>36,5</b>			<b>6545</b>	6379	5882	5513	5141	4662
37				6279	5789	5425	5058	4586
38				6086	5610	5256	4898	4439
39				5904	5440	5095	4747	4300
40				5731	5279	4943	4604	4167
41				5567	5126	4798	4467	4042
42				5410	4980	4660	4338	3922
<b>42,5</b>				<b>5335</b>	4910	4594	4275	3865
43					4841	4529	4214	3809
44					4709	4404	4096	3700
45					4582	4284	3983	3596
46					4461	4170	3876	3497
47					4346	4061	3773	3402
<b>48</b>					<b>4235</b>	3956	3674	3312
49						3855	3580	3225
50						3759	3489	3141
51						3667	3402	3061
52						3578	3318	2984
53						3492	3238	2910
<b>54</b>						<b>3410</b>	3160	2838
55							3085	2770
56							3013	2703
57							2944	2639
58							2877	2578
59							2812	2518
59,5							2781	2489
<b>60</b>							<b>2750</b>	2461
61								2405
62								2351
63								2299
64								2249
<b>65</b>								<b>2200</b>

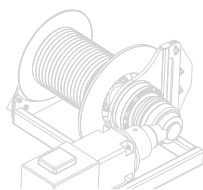
**ULTRALIFT** \_ALL INTERMEDIATE LOADS ARE DECREASED OF 10% IF THE CRANE IS NOT EQUIPPED WITH ULTRALIFT CONTROL / SENZA IL SISTEMA ULTRALIFT TUTTE LE PORTATE INTERMEDIE DIMINUISCONO IL CARICO DEL 10% / LES CHARGES INTERMEDIARES SONT DIMINUÉES DE 10% SI LA GRUE N'EST PAS ÉQUIPÉ D'UN CONTROLE ULTRALIFT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

## HOISTING WINCH INVERTER - PERFORMANCES

MECCANISMI / MÉCANISMES / MECANISMOS / МЕХАНИЗМЫ

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

HOISTING WINCH ARGANO	POWER POTENZA CV-ch Ps-hp kW	ROPE FUNE m.	STEP MARCIA	LOAD CARICO Kg.	SPEED VELOCITÀ m/min.	LOAD CARICO Kg.	SPEED VELOCITÀ m/min.	
 8,0 T rope Ø14mm	40	30	240 450 LB	1	4000	7	8000	3,5
				2	4000	25	8000	12,5
				3	4000	43	8000	21,5
				4	2200	68	4400	34
				5	1300	93	2600	46,5
				5 (*)	600	100	1200	50
 8,0 T rope Ø12mm	60	45	840	1	4000	8	8000	4
				2	4000	24	8000	12
				3	4000	40	8000	20
				4	3000	64	6000	32
				5	1500	80	3000	40
				5 (*)	750	96	1500	48
10 T rope Ø14mm	40	30	220	1	5000	5	10000	2,5
				2	5000	15	10000	7,5
				3	5000	25	10000	12,5
				4	3000	40	6000	20
				5	1500	50	3000	25
				6	600	60	1200	30
10,0 T rope Ø14mm	60	45	660	1	5000	6,5	10000	3,25
				2	5000	27	10000	13,5
				3	5000	45	10000	22,5
				4	2500	75	5000	37,5
				5	1000	131	2000	65,5
				6	500	150	1000	75



30 kW      45 kW

ABSORPTIONS / ASSORBIMENTI

35 kW      47 kW



SLEWING      0,26 / 0,48 / 0,7 min<sup>-1</sup>      2 X 4 kW



TROLLEY      18,8 / 35,2 / 54 m/min      5,5 kW

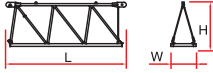
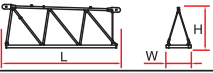
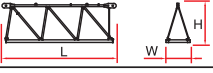

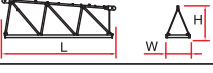
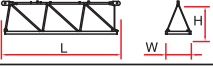
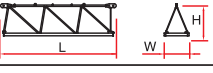
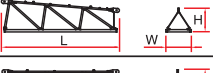


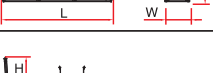

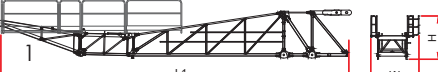
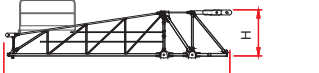






TRAVELLING      20 m/min      2 X 4 kW

(\*) SPEED AUTOMATICALLY CONTROLLED BY A CURRENT SENSOR / VELOCITÀ REGOLATA AUTOMATICAMENTE DA SENSORE DI CORRENTE / VITESSE RÉGLÉE AUTOMATIQUÉMENT PAR CAPTEUR DE COURANT / ACELERAR CONTROLADO AUTOMÁTICAMENTE POR UN SENSOR DE CORRIENTE / СКОРОСТЬ АВТОМАТИЧЕСКИ РЕГУЛИРУЕТСЯ ДАТЧИКОМ ТОКА

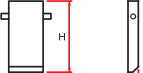

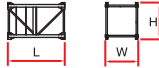


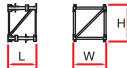






## PACKING LIST

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	1 n. 1		6,192	1,300	2,265	-	1450	
		1 n. 2		6,187	1,300	2,265	-	1350	
		1 n. 3		6,158	1,300	2,100	-	1170	
		1 n. 4		6,108	1,300	2,100	-	1100	
		1 n. 5		6,103	1,300	2,100	-	850	
		1 n. 6		6,099	1,300	1,680	-	780	
		1 n. 7		6,074	1,300	1,680	-	700	
		1 n. 8		6,064	1,300	1,660	-	620	
		1 n. 9		6,056	1,300	1,210	-	530	
		1 n. 10		5,986	1,300	1,170	-	350	
		1 n. 11		5,917	1,300	1,140	-	320	
JIB POINT / PUNTALE FRECCIA / ELÈMENT POINTE / PUNTALE DE FLECHA / наконечник стрелка	2	1		924	1,330	1,303	-	100	
COUNTERJIB-TOURNABLE, HOISTING WINCH, TROLLEY JIB, ELECTRICAL BOX. TERMINAL ELEMENT* / CONTROFRECCIA - GIREVOLE, ARGANO SOLL., QUADRO ELETTR., CARRELLO FRECCIA, PORTABLOCCHI* / CONTREFLÈCHE TOURNANTE, TREUIL DE LEVAGE, CHARIOT DE FLÈCHE, ARMOIRE ELECTRIQUE, ELÈMENT TERMINAL* / CONTRAFLECHA GIRATORIO, CABRESTANTE DE ELEVACIÓN, CUADRO ELÉCTRICO, CARRO FLECHA / кохтрстрела-вращения, лебедка, электрические, корзина стрелки, блокодержатель*	3	1		16,9	1,3	2,36	-	8600	
		1		10,8	1,3	2,30	-	3750	
		1		2,7	1,3	2,14	-	2900	
		1		4,0	1,3	1,67	-	1150	
ACCESS BALCONY, CABIN / BALLATOIO CABINA, CABINA / PORTE CABINE / BALCÓN CORRIDO CABINA, CABINA / площадка кабины, кабина	4	1		L 1	3,70	2,13	2,26	-	1450
		1		L 2	3,45	3,75	2,28	-	5450



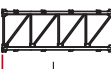





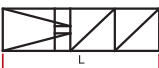





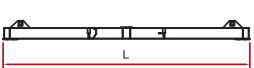







**PACKING LIST**

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
COUNTERWEIGHT BLOCK / BLOCCHI DI CONTRAPESO / CONTRE-POIDS / BLOQUES DE CONTRAPESO / блоку противовеса	5	6		A 144	1,300	0,300	3,00	2023	-
		8		B 144	1,300	0,200	3,00	1357	-
TOWER ELEMENT / ELEMENTO DI TORRE ELÈMENT DE MATURE / ELEMENTO DE TORRE / башенный элемент	6	-			2,950	1,900	1,700	1350	-
	7	-			5,900	1,900	1,700	2295	-
	8	-			11,800	1,900	1,700	4175	-
EXPENDABLE FOUNDATION ELEMENT / TRONCHETTO DI FONDAZIONE / ELÈMENT A SCHELLER / TRONCO DE FUNDACIÓN / СТВОЛ ОСНОВАНИЯ	9	1			1,465	1,980	1,980	830	-
BASE MAIN BEAM / TRAVE PRINCIPALE CROCIERA DI BASE / POUTRE DE CHASSIS DE BASE / VIGA PRINCIPAL DE LA CRUCETA DE BASE / главная балка крестовины основания	10	1		4,5 x 4,5 m	6,524	0,780	0,960	2595	-
				6,0 x 6,0 m	8,645	0,780	0,960	3475	-
HALF BASE BEAM / SEMITRAVE DI BASE / SEMIPOUTRE DE CHASSIS DE BASE / MEDIA VIGA DE LA CRUCETA DE BASE / тлоубалка крестовины основания	11	2		4,5 x 4,5 m	3,212	0,680	0,974	1235	2470
				6,0 x 6,0 m	4,323	0,680	0,974	1745	3490
CONCRETE PAD / BLOCCO DI APPOGGIO / SABOT EN BÈTON / BLOQUE DE APOYO / опорный блок	12	4		B5	3,600	0,900	0,750	5520	22080
DRIVING BOGIE / BILANCINO TRASL. FOLLE / BOGGIE FOU / BALANCÍN DE TRASLACIÓN LOCO/ не приводной балансир для горизонтального перемещения	13	2			1,315	0,222	0,540	600	1200
DRIVEN BOGIE / BILANCINO TRASLAZIONE MOTORIZZATO /BOGGIE MOTORISÈE / BALANCÍN DE TRASLACIÓN MOTORIZADO / приводной балансир горизонтального перемещения	14	2			1,427	0,492	0,540	765	1530
BASE BALLAST BLOCK / BLOCCO DI ZAVORRA / LEST DE BASE / BLOQUE DE LASTRE / блок балласта	15	-		GB3	3,600	1,200	0,300	2950	-

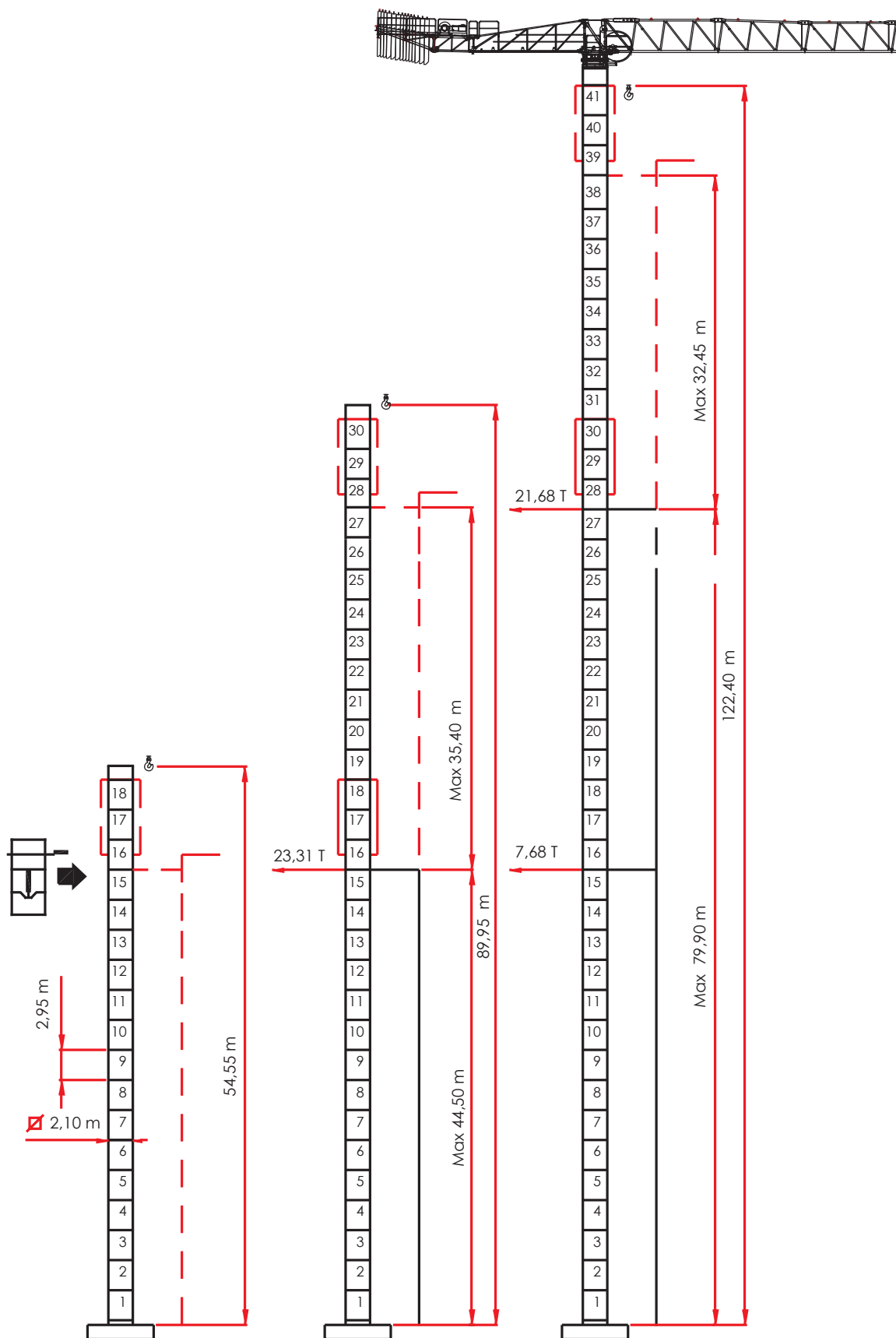
## PACKING LIST

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

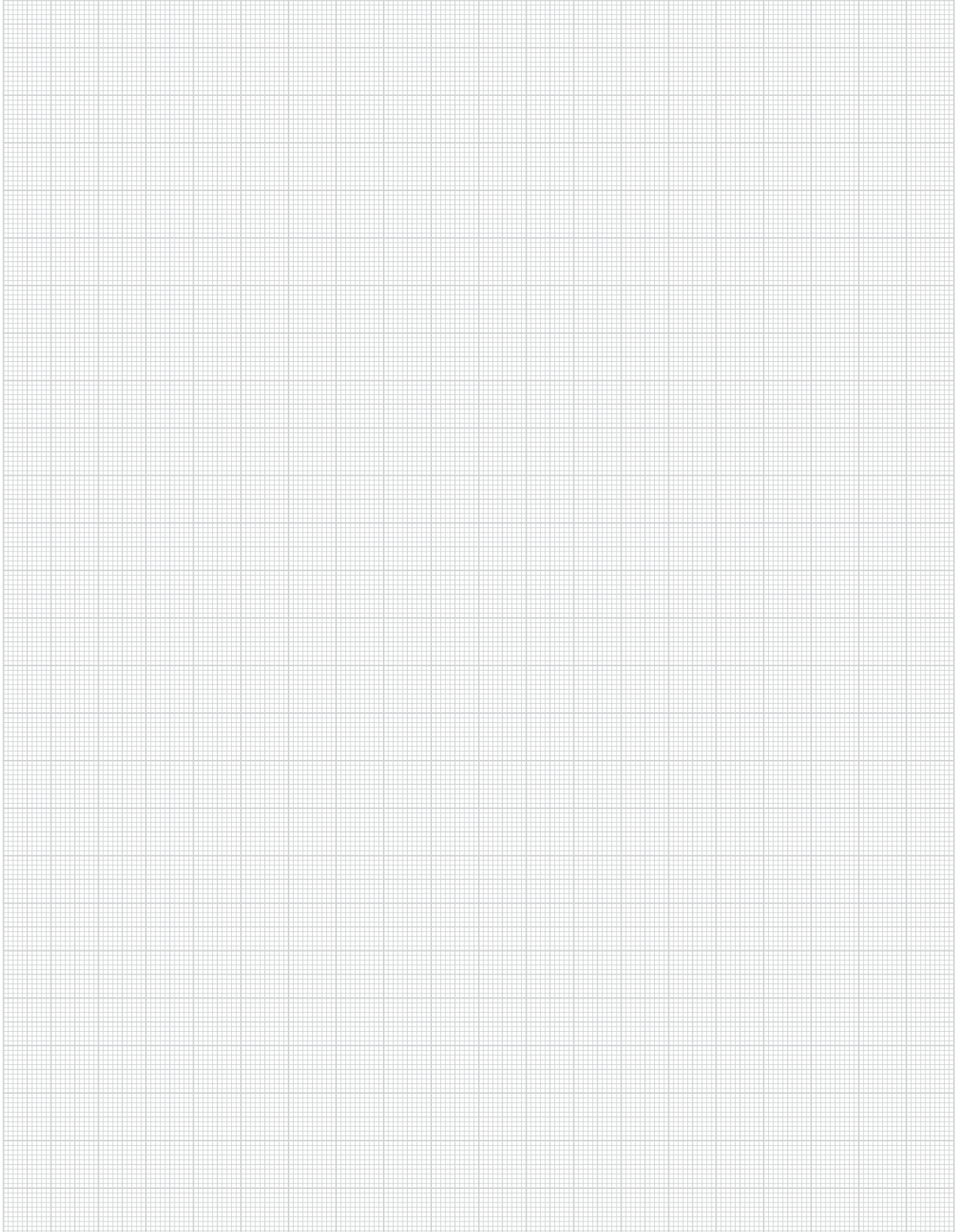
DESCRIPTION DENOMINAZIONE	ITEM POS.	PIECES PEZZI	DRAWING DISEGNO	DIMENSIONS mm			WEIGHT Kg		
				L	W	H	UNIT	TOTAL	
<b>HC5 2,1 m</b>	<b>16</b>	-			2,950	2,270	2,270	1720	-
<b>TOWER ELEMENT</b> ELEMENTO DI TORRE ELÈMENT DE MATURE ELEMENTO DE TORRE <b>башенный элемент</b>	<b>17</b>	-			5,900	2,270	2,270	2700	-
	<b>18</b>	-			11.800	2,270	2,270	5360	-
<b>BASE ELEMENT / ELEMENTO DI BASE / MAT DE BASE / ELEMENTO DE BASE / элемент основания</b>	<b>19</b>	1			3,000	2,475	2,475	1925	-
<b>CLIMBING CAGE / GABBIA DI MONTAGGIO / CAGE DE MONTAGE / JAULA DE MONTAJE / монтажная клеть</b>	<b>20</b>	1			8,530	3,100	2,300	7670	-
<b>EXPENDABLE FOUNDATION ELEMENT / TRONCHETTO DI FONDAZIONE / ELÈMENT A SCELLER / TRONCO DE FUNDACIÓN / ствол основания</b>	<b>21</b>	1			1,345	2,400	2,400	820	-
<b>OBLIQUAL LEGS / PUNTONI DI BASE / JAMBES DE FORCE / CABRIOS DE BASE / стойки основания</b>	<b>22</b>	4			3,640	0,220	0,300	288	1152
<b>BASE MAIN BEAM / TRAVE PRINCIPALE CROCIERA DI BASE / POUTRE DE CHASSIS DE BASE / VIGA PRINCIPAL DE LA CRUCETA DE BASE / главная балка крестовины основания</b>	<b>23</b>	1			8,890	0,620	0,720	1575	-
<b>HALF BASE BEAM / SEMITRAVE DI BASE / SEMIPOUTRE DE CHASSIS DE BASE / MEDIA VIGA DE LA CRUCETA DE BASE / полубалка крестовины основания</b>	<b>24</b>	2			4,340	0,600	0,720	700	1400
<b>DRIVEN BOGIE / BILANCINO TRASLAZIONE MOTORIZZATO / BOGGIE MOTORISÉE / BALANCÍN DE TRASLACIÓN MOTORIZADO / приводной баланси́р горизонтального перемещения</b>	<b>25</b>	4			1,427	0,492	0,540	765	3060
<b>CLIMBING CAGE CONNECTION FRAME / TELAIO DI RACCORDO A SPINTA / ELÈMENT DE TELESCOPAGE / BASTIDOR DE ENLACE DE EMPUJE / соединительная рама подъемной клетки</b>	<b>26</b>	1			2,296	2,296	1,500	1190	-

**EXTERNAL CLIMBING**

SOPRALZO IDRAULICO / TELESOPABE / ELEVACIÓN  
HIDRÁULICA / ГИДРАВЛИЧЕСКОЕ ПАРАЦИВАНИЕ



NOTE



[ MRT 189 \_REV. \_0315 ] SV / 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.