

A4 FEM1.001

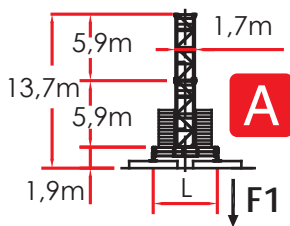
H = Height under hook
 Altezza sotto gancio
 Hauteur sous crochet
 Altura bajo el gancho
 Высота под крюком

TOWER CONFIGURATION - REACTIONS

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

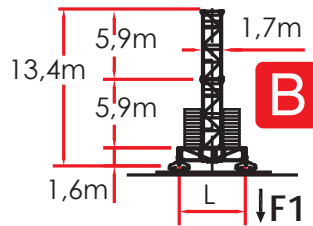
1,7 m L = 3,8 m - A

| | H (m) | Z (t) | F1(kN) |
|----|-------|-------|--------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | - | - |
| 4 | 5,9 m | 37,7 | 98,78 |
| 3 | 5,9 m | 31,8 | 81,08 |
| 2 | 5,9 m | 25,9 | 81,08 |
| +1 | 5,9 m | 20,0 | 81,08 |



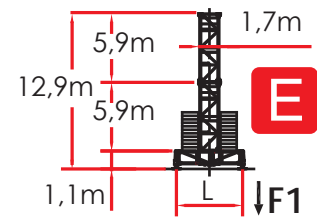
1,7 m L = 3,8 m - B

| | H (m) | Z (t) | F1(kN) |
|----|-------|-------|--------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | - | - |
| 4 | 5,9 m | 37,4 | 94,40 |
| 3 | 5,9 m | 31,5 | 82,60 |
| 2 | 5,9 m | 25,6 | 82,60 |
| +1 | 5,9 m | 19,7 | 82,60 |



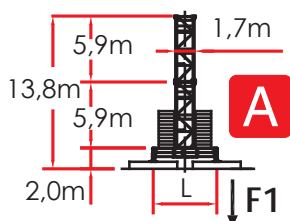
1,7 m L = 3,8 m - E

| | H (m) | Z (t) | F1(kN) |
|----|-------|-------|--------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | - | - |
| 4 | 5,9 m | 37,1 | 94,40 |
| 3 | 5,9 m | 31,2 | 82,60 |
| 2 | 5,9 m | 25,3 | 82,60 |
| +1 | 5,9 m | 19,4 | 82,60 |



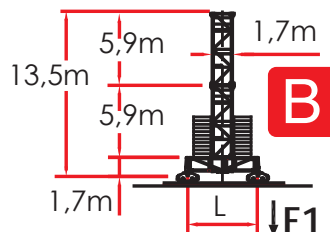
1,7 m L = 4,5 m - A

| | H (m) | Z (t) | F1(kN) |
|----|-------|-------|--------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 43,7 | 86,98 |
| 4 | 5,9 m | 37,8 | 75,18 |
| 3 | 5,9 m | 31,9 | 69,28 |
| 2 | 5,9 m | 26,0 | 69,28 |
| +1 | 5,9 m | 20,1 | 69,28 |



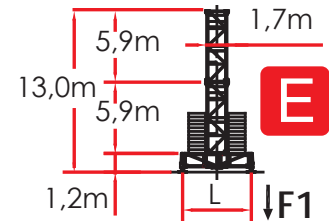
1,7 m L = 4,5 m - B

| | H (m) | Z (t) | F1(kN) |
|----|-------|-------|--------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 43,2 | 88,5 |
| 4 | 5,9 m | 37,3 | 70,8 |
| 3 | 5,9 m | 31,4 | 64,9 |
| 2 | 5,9 m | 25,5 | 64,9 |
| +1 | 5,9 m | 19,6 | 64,9 |



1,7 m L = 4,5 m - E

| | H (m) | Z (t) | F1(kN) |
|----|-------|-------|--------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 43,0 | 88,5 |
| 4 | 5,9 m | 37,1 | 70,8 |
| 3 | 5,9 m | 31,2 | 64,9 |
| 2 | 5,9 m | 25,3 | 64,9 |
| +1 | 5,9 m | 19,4 | 64,9 |

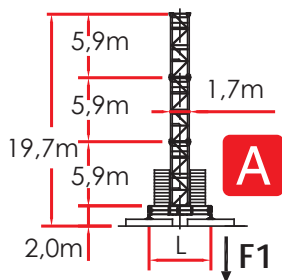


TOWER CONFIGURATION - REACTIONS

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

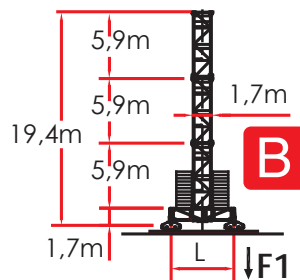
▣ 1,7 m L = 6,0 m - A

| | H (m) | Z (t) | F1 (kN) |
|----|-------|-------|-----------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 49,6 | 75,18 610 |
| 4 | 5,9 m | 43,7 | 69,28 546 |
| 3 | 5,9 m | 37,8 | 57,48 500 |
| 2 | 5,9 m | 31,9 | 57,48 465 |
| +1 | 5,9 m | 26,0 | 45,68 414 |



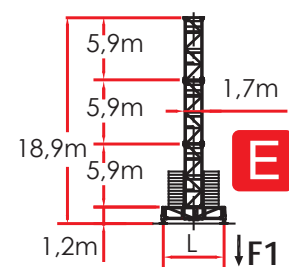
▣ 1,7 m L = 6,0 m - B

| | H (m) | Z (t) | F1 (kN) |
|----|-------|-------|----------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 49,2 | 76,7 593 |
| 4 | 5,9 m | 43,3 | 64,9 533 |
| 3 | 5,9 m | 37,4 | 53,1 487 |
| 2 | 5,9 m | 31,5 | 53,1 452 |
| +1 | 5,9 m | 25,6 | 41,3 402 |



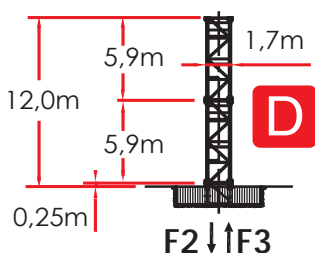
▣ 1,7 m L = 6,0 m - E

| | H (m) | Z (t) | F1 (kN) |
|----|-------|-------|----------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 49,0 | 76,7 592 |
| 4 | 5,9 m | 43,1 | 64,9 532 |
| 3 | 5,9 m | 37,2 | 53,1 486 |
| 2 | 5,9 m | 31,3 | 53,1 451 |
| +1 | 5,9 m | 25,4 | 41,3 401 |



▣ 1,7 m - D

| | H (m) | F2 (kN) | F3 (kN) |
|----|-------|---------|-----------|
| 6 | 5,9 m | 47,8 | 1392 1185 |
| 5 | 5,9 m | 41,9 | 994 745 |
| 4 | 5,9 m | 36,0 | 830 675 |
| 3 | 5,9 m | 30,1 | 740 580 |
| 2 | 5,9 m | 24,2 | 694 553 |
| +1 | 5,9 m | 18,3 | 516 435 |



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

TOWER CONFIGURATION - REACTIONS

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

▣ 2,1 m L = 6,0 m

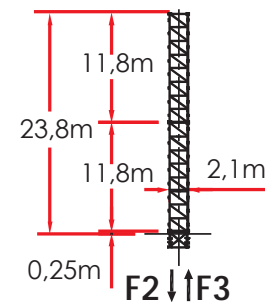
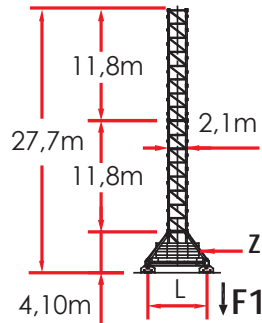
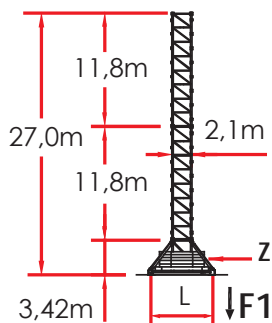
| | *H (m) | Z (t) | F1(kN) |
|----|--------|-------|-----------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 58,8 | 83,54 986 |
| 4 | 5,9 m | 52,9 | 70,62 779 |
| 3 | 5,9 m | 47,0 | 64,16 618 |
| 2 | 5,9 m | 41,1 | 51,24 498 |
| +1 | 5,9 m | 35,2 | 38,32 439 |

▣ 2,1 m L = 6,0 m

| | *H (m) | Z (t) | F1(kN) |
|----|--------|-------|------------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 59,3 | 83,54 1012 |
| 4 | 5,9 m | 53,4 | 70,62 802 |
| 3 | 5,9 m | 47,5 | 64,16 629 |
| 2 | 5,9 m | 41,6 | 51,24 507 |
| +1 | 5,9 m | 35,7 | 38,32 442 |

▣ 2,1 m

| | *H (m) | F2(kN) | F3(kN) |
|----|--------|--------|-----------|
| 7 | - | - | - |
| 6 | - | - | - |
| 5 | 5,9 m | 55,2 | 1737 1422 |
| 4 | 5,9 m | 49,3 | 1563 1254 |
| 3 | 5,9 m | 43,4 | 1207 912 |
| 2 | 5,9 m | 37,5 | 898 617 |
| +1 | 5,9 m | 31,6 | 692 385 |



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



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

LOAD DIAGRAMS 4.0 T

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

4.000 Kg

| JIB | 19.0 | 25.0 | 31.0 | 36.5 | 42.5 | 48.0 | 50.0 | 54.0 | 60.0 |
|-------|------|------|------|------|------|------|------|------|------|
| 1,7 ▶ | 19.0 | 25.0 | 31.0 | 36.5 | 42.5 | 43.2 | 40.6 | 40.0 | 38.4 |
| 10 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 12 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 14 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 16 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 19 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 21 | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 23 | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 25 | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 27 | | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 29 | | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 31 | | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 34 | | | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 36,5 | | | | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| 38 | | | | | 4000 | 4000 | 4000 | 4000 | 4000 |
| 40 | | | | | 4000 | 4000 | 4000 | 4000 | 3839 |
| 42,5 | | | | | 4000 | 4000 | 3887 | 3839 | 3568 |
| 44 | | | | | | 3909 | 3729 | 3682 | 3420 |
| 46 | | | | | | 3705 | 3555 | 3488 | 3238 |
| 48 | | | | | | 3520 | 3354 | 3311 | 3072 |
| 50 | | | | | | | 3190 | 3148 | 2919 |
| 52 | | | | | | | | 2998 | 2778 |
| 54 | | | | | | | | 2860 | 2647 |
| 56 | | | | | | | | | 2526 |
| 58 | | | | | | | | | 2414 |
| 60 | | | | | | | | | 2310 |



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.

MRT 180

LOAD DIAGRAMS 8.0 T

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

8.000 Kg

| JIB | 19.0 | 25.0 | 31.0 | 36.5 | 42.5 | 48.0 | 50.0 | 54.0 | 60.0 |
|-------|------|------|------|------|------|------|------|------|------|
| 1,7 ▶ | 19.0 | 25.0 | 26.0 | 25.0 | 24.0 | 22.1 | 22.1 | 22.0 | 21.0 |
| 10 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 |
| 12 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 |
| 14 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 |
| 16 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 |
| 19 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 |
| 21 | | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 |
| 23 | | 8000 | 8000 | 8000 | 8000 | 7806 | 7806 | 7714 | 7205 |
| 25 | | 8000 | 8000 | 8000 | 7882 | 7094 | 7094 | 7009 | 6541 |
| 27 | | | 7669 | 7563 | 7218 | 6490 | 6490 | 6411 | 5979 |
| 29 | | | 7066 | 6969 | 6648 | 5972 | 5972 | 5899 | 5498 |
| 31 | | | 6545 | 6453 | 6154 | 5523 | 5523 | 5454 | 5080 |
| 34 | | | | 5797 | 5525 | 4951 | 4951 | 4888 | 4548 |
| 36,5 | | | | 5335 | 5082 | 4547 | 4547 | 4490 | 4173 |
| 38 | | | | | 4844 | 4332 | 4332 | 4277 | 3973 |
| 40 | | | | | 4556 | 4269 | 4070 | 4017 | 3729 |
| 42,5 | | | | | 4235 | 3965 | 3777 | 3729 | 3458 |
| 44 | | | | | | 3799 | 3619 | 3571 | 3309 |
| 46 | | | | | | 3595 | 3423 | 3378 | 3128 |
| 48 | | | | | | 3410 | 3244 | 3201 | 2962 |
| 50 | | | | | | | 3080 | 3038 | 2809 |
| 52 | | | | | | | | 2888 | 2668 |
| 54 | | | | | | | | 2750 | 2537 |
| 56 | | | | | | | | | 2416 |
| 58 | | | | | | | | | 2304 |
| 60 | | | | | | | | | 2200 |



+ 85 Kg

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 DIMINUEES DE 10% SI LA GRUE N'EST PAS EQUIPE 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

5.000 Kg

| JIB | 19.0 | 25.0 | 31.0 | 36.5 | 42.5 | 48.0 | 50.0 | 54.0 | 60.0 |
|-------|------|------|------|------|------|------|------|------|------|
| 1,7 ▶ | 19.0 | 22.0 | 21.5 | 21.0 | 19.6 | 19.0 | 18.2 | 18.0 | 17.0 |
| 10 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 12 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 14 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 16 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 19 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 21 | | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 23 | | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 25 | | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 27 | | | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 29 | | | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 31 | | | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 | 5000 |
| 34 | | | | 5000 | 5000 | 5000 | 5000 | 5000 | 4731 |
| 36,5 | | | | 5000 | 5000 | 4939 | 4721 | 4666 | 4354 |
| 38 | | | | | 5000 | 4712 | 4503 | 4450 | 4151 |
| 40 | | | | | 4722 | 4438 | 4240 | 4190 | 3906 |
| 42,5 | | | | | 4400 | 4132 | 3947 | 3899 | 3632 |
| 44 | | | | | | 3966 | 3787 | 3741 | 3484 |
| 46 | | | | | | 3762 | 3590 | 3546 | 3300 |
| 48 | | | | | | 3575 | 3410 | 3370 | 3133 |
| 50 | | | | | | | 3245 | 3205 | 2979 |
| 52 | | | | | | | | 3054 | 2837 |
| 54 | | | | | | | | 2915 | 2705 |
| 56 | | | | | | | | | 2584 |
| 58 | | | | | | | | | 2470 |
| 60 | | | | | | | | | 2365 |



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

MRT 180

LOAD DIAGRAMS 10.0 T

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

10.000 Kg

| JIB | 19.0 | 25.0 | 31.0 | 36.5 | 42.5 | 48.0 | 50.0 | 54.0 | 60.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1,7 ▶ | 19.0 | 22.0 | 21.5 | 21.0 | 19.6 | 19.0 | 18.2 | 18.0 | 17.0 |
| 10 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| 12 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| 14 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| 16 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| 19 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 9743 | 9636 | 9021 |
| 21 | | 10000 | 10000 | 10000 | 9631 | 9079 | 8693 | 8596 | 8043 |
| 23 | | 9250 | 9207 | 9089 | 8686 | 8185 | 7834 | 7745 | 7242 |
| 25 | | 8415 | 8376 | 8267 | 7899 | 7438 | 7117 | 7035 | 6573 |
| 27 | | | 7672 | 7572 | 7231 | 6807 | 6508 | 6434 | 6008 |
| 29 | | | 7068 | 6975 | 6659 | 6264 | 5988 | 5919 | 5523 |
| 31 | | | 6545 | 6458 | 6193 | 5794 | 5536 | 5471 | 5101 |
| 34 | | | | 5799 | 5530 | 5195 | 4961 | 4902 | 4566 |
| 36,5 | | | | 5335 | 5085 | 4774 | 4556 | 4501 | 4188 |
| 38 | | | | | 4846 | 4547 | 4338 | 4285 | 3986 |
| 40 | | | | | 4557 | 4273 | 4075 | 4024 | 3741 |
| 42,5 | | | | | 4235 | 3967 | 3781 | 3734 | 3467 |
| 44 | | | | | | 3801 | 3622 | 3576 | 3318 |
| 46 | | | | | | 3597 | 3425 | 3381 | 3135 |
| 48 | | | | | | 3410 | 3245 | 3204 | 2968 |
| 50 | | | | | | | 3080 | 3040 | 2814 |
| 52 | | | | | | | | 2889 | 2672 |
| 54 | | | | | | | | 2750 | 2540 |
| 56 | | | | | | | | | 2419 |
| 58 | | | | | | | | | 2305 |
| 60 | | | | | | | | | 2200 |



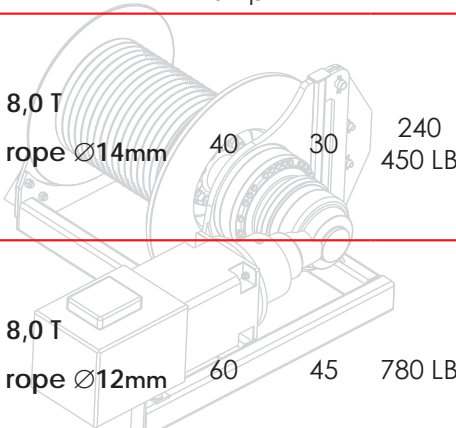
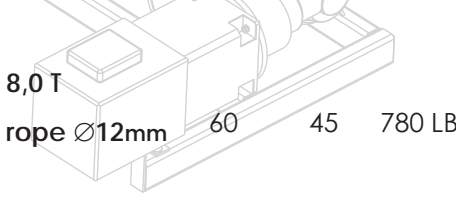
+ 85 Kg

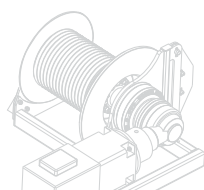
ULTRALIFT _ALL INTERMEDIATE LOADS ARE DECREASED OF 10% IF THE CRANE IS NOT EQUIPPED WITH ULTRALIFT CONTROL / SENZA IL SISTEMA ULTRALIFT TUTTE LE PORTATE INTERMEDIE DIMINUISCONO IL CARICO DEL 10% / LES CHARGES INTERMEDIARES SONT DIMINUÉES DE 10% SI LA GRUE N'EST PAS ÉQUIPÉ D'UN CONTROLE ULTRALIFT / SIN 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 | 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 |
| | | | | 2 | 4000 | 25 | 8000 |
| | | | | 3 | 4000 | 43 | 8000 |
| | | | | 4 | 2200 | 68 | 4400 |
| | | | | 5 | 1500 | 93 | 3000 |
| | | | | 5 (*) | 4000 | 100 | 1200 |
|  8,0 T rope Ø12mm | 60 | 45 | 780 LB | 1 | 4000 | 8 | 8000 |
| | | | | 2 | 4000 | 24 | 8000 |
| | | | | 3 | 4000 | 40 | 8000 |
| | | | | 4 | 3000 | 64 | 6000 |
| | | | | 5 | 2000 | 80 | 4000 |
| | | | | 5 (*) | 750 | 96 | 1500 |
| 10,0 T rope Ø14mm | 40 | 30 | 220 | 1 | 5000 | 5 | 10000 |
| | | | | 2 | 5000 | 15 | 10000 |
| | | | | 3 | 5000 | 25 | 10000 |
| | | | | 4 | 3000 | 40 | 6000 |
| | | | | 5 | 1500 | 50 | 3000 |
| | | | | 5 (*) | 600 | 60 | 1200 |
| 10,0 T rope Ø14mm | 60 | 45 | 520 | 1 | 5000 | 8 | 10000 |
| | | | | 2 | 5000 | 24 | 10000 |
| | | | | 3 | 5000 | 40 | 10000 |
| | | | | 4 | 3000 | 64 | 6000 |
| | | | | 5 | 2000 | 80 | 4000 |
| | | | | 5 (*) | 750 | 96 | 1500 |



30 kW 45 kW

ABSORPTIONS / ASSORBIMENTI

35 kW 47 kW



SLEWING

0,26 / 0,48 / 0,7 min⁻¹

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

MRT 180

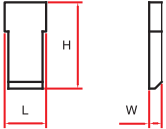

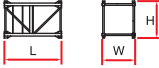

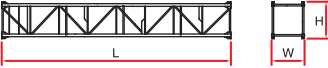
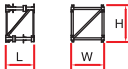
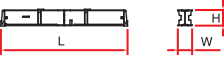

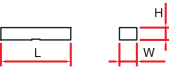



PACKING LIST

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 | | 8,985 | 1,385 | 2,290 | 2235 | - |
| | | n. 2 | | 6,157 | 1,300 | 2,100 | 1036 | - |
| | | n. 3 | | 6,098 | 1,300 | 2,100 | 958 | - |
| | | n. 4 | | 6,103 | 1,300 | 2,090 | 838 | - |
| | | n. 5 | | 6,098 | 1,300 | 1,660 | 744 | - |
| | | n. 6 | | 6,070 | 1,300 | 1,680 | 669 | - |
| | | n. 7 | | 6,060 | 1,300 | 1,660 | 566 | - |
| | | n. 8 | | 6,050 | 1,300 | 1,210 | 516 | - |
| | | n. 9 | | 2,175 | 1,300 | 1,170 | 161 | - |
| | | n. 10 | | 4,020 | 1,300 | 1,160 | 242 | - |
| | | n. 11 | | 1,000 | 1,300 | 1,130 | 360 | - |
| JIB POINT / PUNTALE FRECCIA / ELÈMENT POINTE / PUNTALE DE FLECHA / наконечник стрелка | 2 | 1 | | 1,315 | 1,290 | 1,525 | 87 | - |
| 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 | L | | 12,04 | 2,01 | 2,215 | 8065 | - |
| | | L 1 | | 6,50 | 2,01 | 2,215 | 4100 | - |
| | | L 2 | | 5,54 | 2,01 | 2,215 | 3965 | - |
| | | L | | 16,60 | 2,01 | 2,215 | 9300 | - |
| | | L 1 | | 9,635 | 2,01 | 2,215 | 4850 | - |
| | | L 2 | | 6,965 | 2,01 | 2,215 | 4450 | - |
| ACCESS BALCONY, CABIN / BALLATOIO CABINA, CABINA / PORTE CABINE / BALCÓN CORRIDO CABINA, CABINA / площадка кабины, кабина | 4 | 1 | | 3,450 | 3,830 | 2,190 | 5300 | - |

PACKING LIST



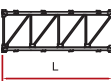





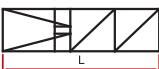





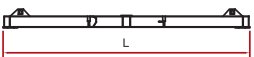

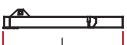





LISTA DEI COLLI / LISTE DE COLISAGE / LISTA DE CONTENIDO / ВЕС И ГАБАРИТНЫЕ РАЗМЕРЫ

| 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 / блок противовеса | 5 | 5 |  | A177 +3 | 1,260 | 0,310 | 2,800 | 2107 | 10535 |
| | | 5 |  | B177 +3 | 1,260 | 0,230 | 2,800 | 1590 | 7950 |
| 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 SCELLER / 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 |  | 3,8 x 3,8 m | 5,534 | 0,780 | 0,870 | 2005 | - |
| | | | | 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 / полубалка крестовины основания | 11 | 2 |  | 3,8 x 3,8 m | 2,712 | 0,680 | 0,875 | 1005 | 2010 |
| | | | | 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 |  | | 3,600 | 0,900 | 0,750 | 5520 | 22080 |
| DRIVING BOGIE / BILANCINO TRASL. FOLLE / BOGGIE FOU / BALANCÍN DE TRASLACIÓN LOCO/ не приводной баланси р 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 баланси р 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 | - |  | | 3,600 | 1,200 | 0,300 | 2950 | - |

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PACKING LIST

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

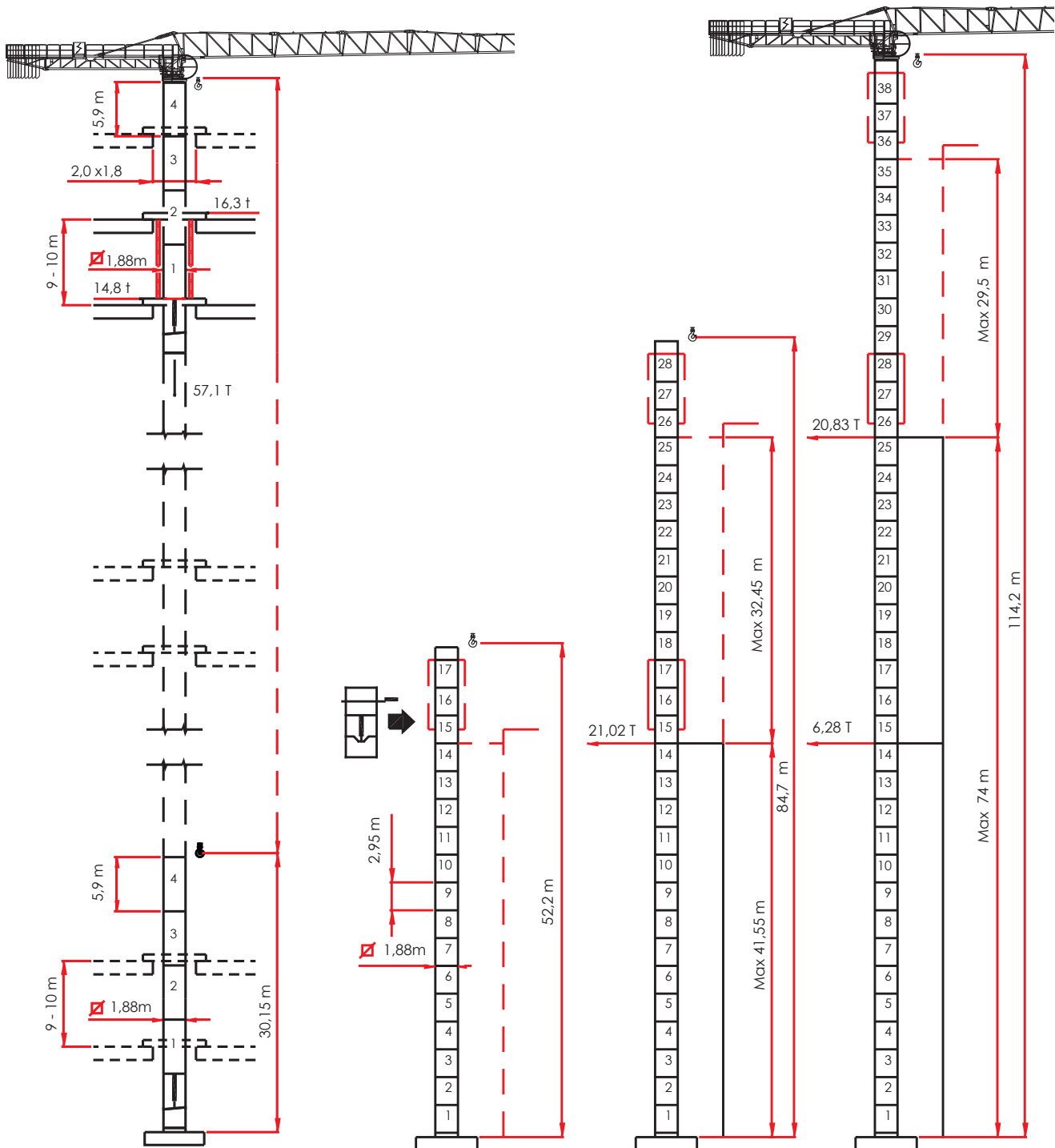
| DESCRIPTION DENOMINAZIONE | ITEM POS. | PIECES PEZZI | DRAWING DISEGNO | DIMENSIONS mm | | | WEIGHT Kg | | |
|--|--------------|-----------------|---|--|--------|-------|--------------|-------|------|
| | | | | L | W | H | UNIT | TOTAL | |
| HC5 2,1 m | 16 | - |  |  | 2,950 | 2,270 | 2,270 | 1720 |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

INTERNAL CLIMBING

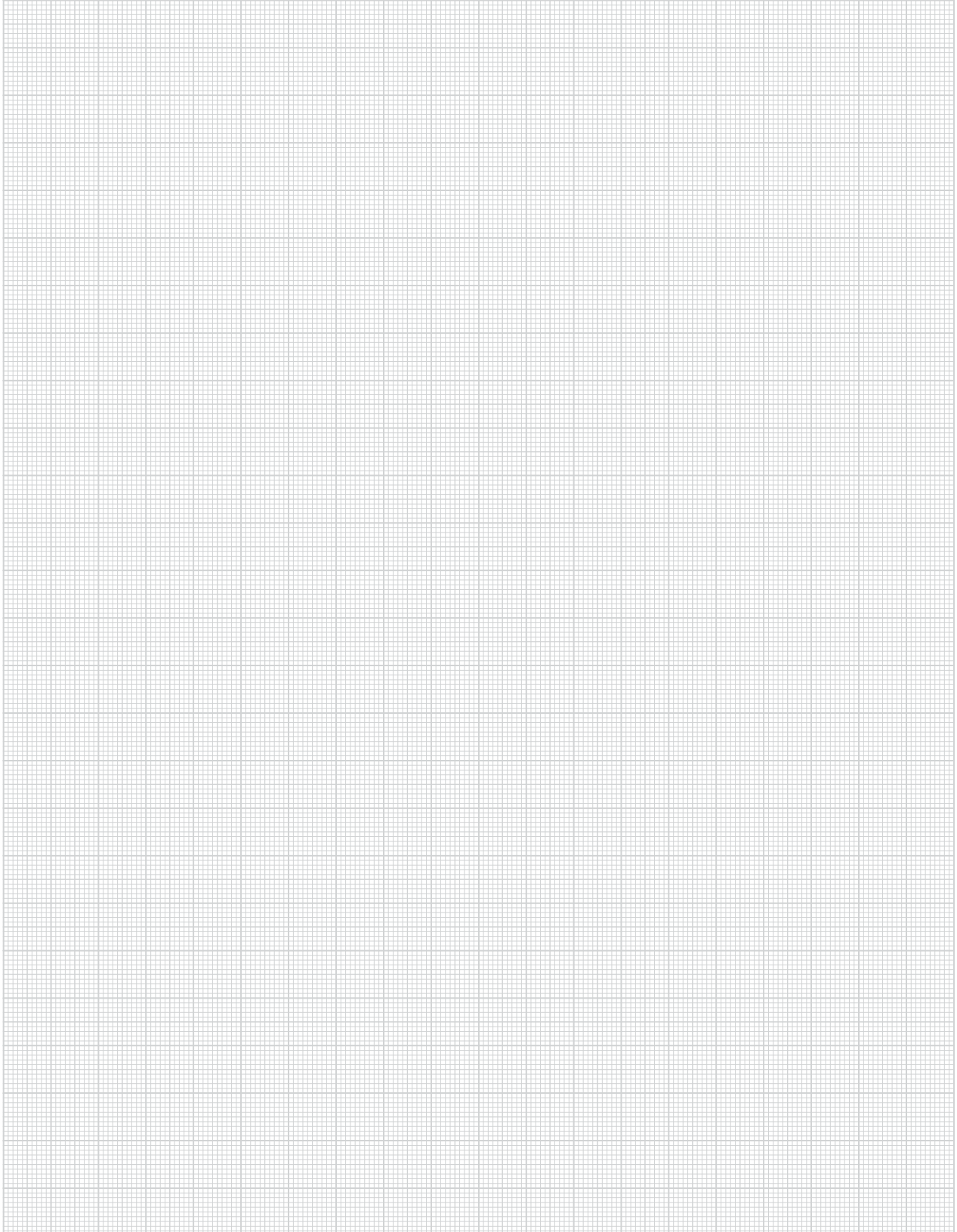
GRU IN CAVEDIO / TÉLESCOPAGE SUR DALLES /
GRUA EN CAVEDIO / ПОДНИМАЮЩИЙСЯ НА
ПЛИТАХ ПЕРЕКРЫТИЯ

EXTERNAL CLIMBING

SOPRALZO IDRAULICO / TELESCOPABLE / ELEVACIÓN
HIDRÁULICA / ГИДРАВЛИЧЕСКОЕ НАРАЩИВАНИЕ



NOTE



[MRT 180 _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.