

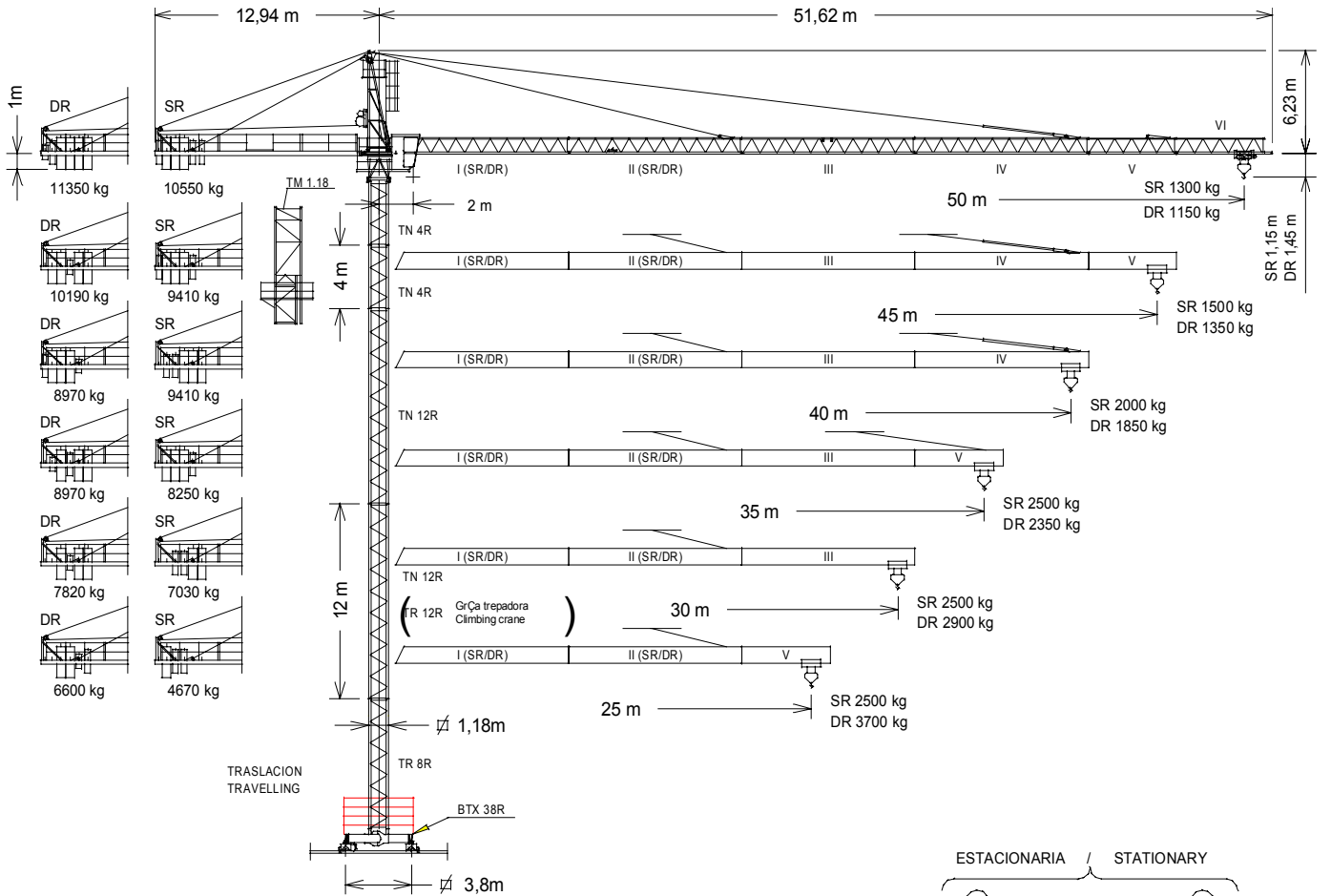
GRUA TORRE TOWER CRANE

J65MAC

De acuerdo con UNE 58-101-92 According to
DIN 15018 H1 B3
Directivas de nivel de potencia acústica / Sound power level directives
84/534/CEE & 87/405/CEE
Directivas de máquinas / Machinery directives
89/392/CEE & 91/368/CEE

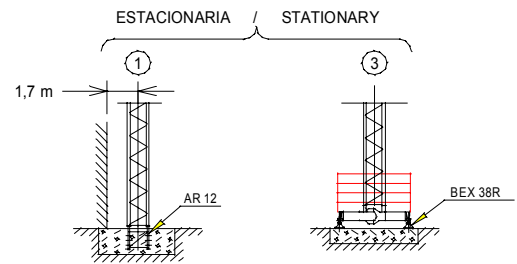
SISTEMA DE CALIDAD CERTIFICADO SEGUN
QUALITY ASSURANCE SYSTEM CERTIFIED ACCORDING TO

UNE-EN-ISO 9001 CE



Versiones de torre
Tower versions

- TR 8R + TR 12R + TN 12R + 2TN 4R
- TR 8R + 2TN 12R + 2TN 4R
- TR 8R + TN 12R + 5TN 4R
- TR 8R + 8TN 4R
- 2TR 8R + 6TN 4R
- TR 12R + TN 12R + 4TN 4R
- TR 12R + 2TN 12R + 1TN 4R
- 2TR 12R + TN 12R + 1TN 4R
- TR 12R + 7TN 4R
- 2TR 12R + 4TN 4R



Altura máxima bajo gancho
sin arriostrar (m). Sin cabina aumentar 2 m.
Maximum height under hook
without fastening. Without cabin increase 2 m.

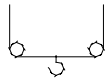
| | | | |
|----|-------|-------|-------|
| SR | 41,37 | 40,03 | 41,19 |
| DR | 41,07 | 39,73 | 40,89 |

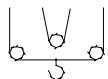
| | |
|---------|------------|
| TM 1.18 | 137.35.000 |
| BTX 38R | 137.20.000 |
| BEX 38R | 137.23.000 |









JASO EQUIPOS DE OBRAS, S.A.

Fecha / Date: 23-09-02 - Reservado el derecho a modificaciones sin previo aviso / Subject to modification, without previous warning

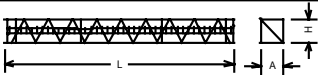
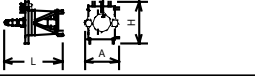
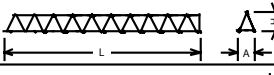
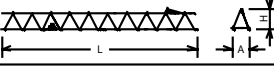
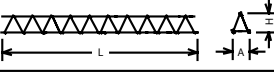

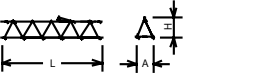
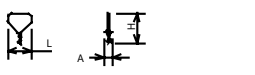
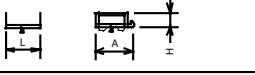
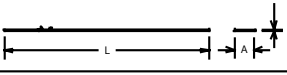
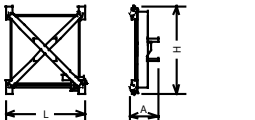
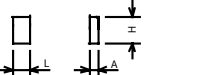
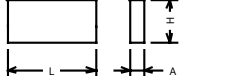
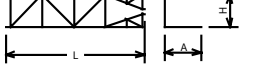
|  | (kg) | Alcance del gancho (m) | | | | | | Hook reach (m) | | 2500 kg a |
|-----------------------------------------------------------------------------------|------|------------------------|------|------|------|------|------|----------------|--|--------------|
| | | 50 | 45 | 40 | 35 | 30 | 25 | | | |
| PLUMA JIB | 50 m | 1300 | 1470 | 1680 | 1950 | 2315 | 2500 | | | 27,94 m |
| | 45 m | — | 1500 | 1715 | 1990 | 2360 | 2500 | | | 28,45 m |
| | 40 m | — | — | 2000 | 2315 | 2500 | 2500 | | | 32,65 m |
| | 35 m | — | — | — | 2500 | 2500 | 2500 | | | 35 m |
| | 30 m | — | — | — | — | 2500 | 2500 | | | 30 m |
| | 25 m | — | — | — | — | — | 2500 | | | 25 m |

|  | (kg) | Alcance del gancho (m) | | | | | | Hook reach (m) | | | 2500 / 5000 kg a |
|-----------------------------------------------------------------------------------|------|------------------------|------|------|------|-------------|-------------|----------------|-------------|-----------------|---------------------|
| | | 50 | 45 | 40 | 35 | 30 | 25 | 20 | 18 | | |
| PLUMA JIB | 50 m | 1150 | 1320 | 1530 | 1800 | 2165 | 2500 / 2670 | 2500 / 3430 | 2500 / 3850 | 26,48 / 14,15 m | |
| | 45 m | — | 1350 | 1565 | 1840 | 2210 | 2500 / 2725 | 2500 / 3500 | 2500 / 3930 | 26,97 / 14,41 m | |
| | 40 m | — | — | 1850 | 2165 | 2500 / 2590 | 2500 / 3180 | 2500 / 4070 | 2500 / 4565 | 30,94 / 16,53 m | |
| | 35 m | — | — | — | 2350 | 2500 / 2805 | 2500 / 3440 | 2500 / 4390 | 2500 / 4920 | 33,17 / 17,73 m | |
| | 30 m | — | — | — | — | 2500 / 2900 | 2500 / 3555 | 2500 / 4535 | 2500 / 5000 | 30 / 18,27 m | |
| | 25 m | — | — | — | — | — | 2500 / 3700 | 2500 / 4720 | 2500 / 5000 | 25 / 18,95 m | |

| CARACTERÍSTICAS DE MECANISMOS | | | | MECHANISMS FEATURES | | | | | |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| MECANISMOS MECHANISMS | * opcional optional  | | |  | | |  |  |  |
| | EJ 2570 | | * EJ 2570 VF | | TGJ 720 M | OJR 908 | TCL 460 | TH 1010 | |
| kW | 18,4 | | 18,4 | | 5,5 | 2 x 4 | 3 | 7,4 | |
| VELOCIDADES SPEEDS | SR 1250kg 2500kg | 70/35/8,8 m/min 35/8,8 m/min | SR 900kg 2500kg | 0...72 m/min 0...36 m/min | 20 m/min | 0...0,8 r.p.m. st./min | 60/30 m/min | 1 m/min | |
| | DR 2500kg 5000kg | 35/17,5/4,4 m/min 17,5/4,4 m/min | DR 1800kg 5000kg | 0...36 m/min 0...18 m/min | | | | | |
| Max. recorrido gancho Maximum hook course | SR 129m 3 capas/ layers 177m 4 capas mAx./ max. layers | | SR 119m 3 capas/ layers 256m 6 capas mAx./ max. layers | |  380V 50Hz | Potencia necesaria con... Required power with... EJ 2570 } EJ 2570 VF } 34,9 kW | | | |
| | DR 64m 3 capas/ layers 88m 4 capas mAx./ max. layers | | DR 59m 3 capas/ layers 128m 6 capas mAx./ max. layers | | | | | | |

| | LASTRES INFERIORES | | LOWER BALLASTS | | |
|-------------------------------------------------|--------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|
| Composición torre Tower composition | 1 x TN 12R | 2 x TN 4R 1 x TN 12R | 1 x TN 4R 2 x TN 12R | 2 x TN 4R 2 x TN 12R | 2 x TN 4R 2 x TN 12R 1 x TR 8R |
| Altura bajo gancho (m) Height under hook (m) | 13,65 | 21,57 | 29,49 | 33,45 | 41,37 |
| Lastre base (kg) Base ballast (kg) | 24600 | 32800 | 41000 | 49200 | 57400 |

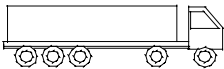


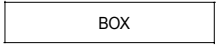

| DENOMINACION DENOMINATION | | | L (m) | A (m) | H (m) | Peso (kg) Weight (kg) |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------|-------|--------------------------|
| Torre Tower | <ul style="list-style-type: none"> TN 4R TR 8R TN 12R TR 12R |  | 4,146 | 1,186 | 1,186 | 1168 |
| | | | 8,074 | 1,186 | 1,186 | 2570 |
| | | | 12,009 | 1,186 | 1,186 | 2908 |
| | | | 12,009 | 1,186 | 1,186 | 3710 |
| Torre asiento pista. Base punta torre y orientación. Slewing table. Tower head base and slewing mechanism | |  | 3,098 | 1,754 | 2,140 | 2723 |
| Punta de torre Tower head | |  | 6,119 | 1,632 | 2,441 | 2142 |
| Conjunto asiento pista+punta torre+orientación Slewing table assembly+Tower head+slewing mechanism | |  | 8,125 | 1,963 | 2,441 | 4865 |
| Tramo de pluma Jib section | <ul style="list-style-type: none"> I-SR I-DR |  | 10,140 | 1,000 | 1,135 | 890 |
| | | | 10,140 | 1,000 | 1,135 | 1015 |
| Tramo de pluma Jib section | <ul style="list-style-type: none"> II-SR II-DR |  | 10,127 | 0,860 | 1,137 | 890 |
| | | | 10,127 | 0,860 | 1,137 | 1010 |
| Tramo de pluma Jib section III | |  | 10,127 | 0,860 | 1,035 | 805 |
| Tramo de pluma Jib section IV | |  | 10,127 | 0,860 | 1,175 | 867 |
| Tramo de pluma Jib section V | |  | 5,237 | 0,860 | 1,125 | 310 |
| Tramo de pluma Jib section VI | |  | 5,237 | 0,860 | 1,035 | 250 |
| Polipasto Hook assembly | <ul style="list-style-type: none"> SR DR |  | 0,760 | 0,288 | 0,962 | 134 |
| | | | 0,760 | 0,288 | 1,395 | 171 |
| Carro Crab | <ul style="list-style-type: none"> SR DR |  | 1,008 | 1,288 | 0,659 | 86 |
| | | | 1,070 | 1,250 | 0,815 | 176 |
| Contrapluma Counterjib | |  | 12,261 | 1,442 | 0,430 | 1710 |
| Plataforma y cabina Platform and cabin | |  | 3,686 | 1,63 | 2,25 | 820 |
| Testeros con traslación grúa Base beams with travelling mechanism | <ul style="list-style-type: none"> Estacionaria III Traslaci/En |  | 4,300 | 1,479 | 4,300 | 3802 |
| | | | 4,203 | 1,721 | 4,610 | 5230 |
| Contrapeso Counterweight | <ul style="list-style-type: none"> Grande / Big Mediano / Medium Pequeño / Small |  | 1,080 | 0,500 | 2,025 | 2360 |
| | | | 1,080 | 0,320 | 1,465 | 1140 |
| | | | 1,080 | 0,320 | 0,922 | 700 |
| Lastre Ballast | |  | 4,000 | 0,340 | 1,300 | 4100 |
| Torre de montaje Jacking cage | |  | 7,144 | 1,760 | 1,710 | 3105 |

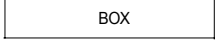



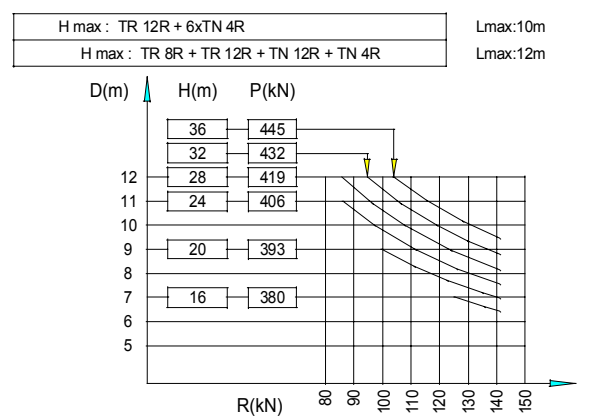
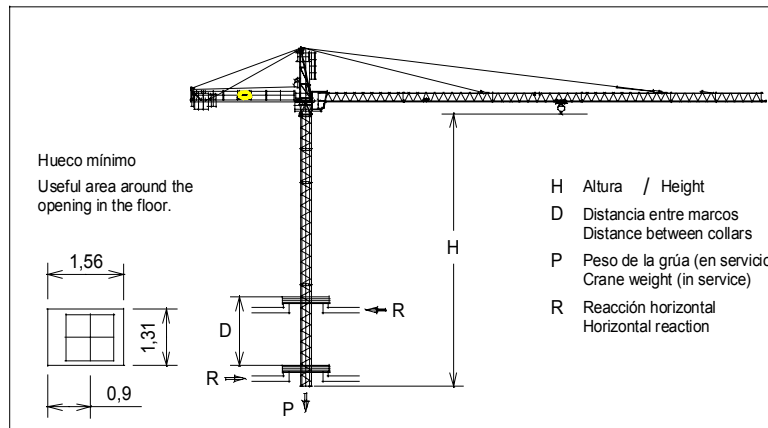
| COMPOSICIONES DE TORRE / TOWER COMPOSITIONS | | J65MAC | | | | | |
|---------------------------------------------|-----------------|----------------------|------------|-----------------|-----------------|------------|--|
| TORRES / TOWERS | ALTURA / HEIGHT | Diagrama de la torre | | ALTURA / HEIGHT | TORRES / TOWERS | | |
| 1 | 3,73 | TN 4R | 137.32.000 | TN 4R | 3,73 | 1 | |
| 2 | 7,73 | TN 4R | | TN 12R | | | |
| 3 | 19,73 | TN 12R | 137.31.000 | TN 12R | 15,73 | 2 | |
| 4 | 31,73 | TN 12R | | TN 12R | 27,73 | 3 | |
| 5 | 39,73 | TR 8R | 137.30.000 | TR 8R | 35,73 | 4 | |
| | | J90/J65MAC | | J90/J65MAC | | J90/J65MAC | |
| | | T 3-90 | 133.32.000 | T 3-90 | 39,56 | 5 | |
| | | TD 3-90 | 133.32.500 | TD 3-90 | | | |
| | | AR 12 | 137.21.000 | | 42,56 | 6 | |
| | | ARD 12 | 137.21.800 | | 45,56 | 7 | |
| | | 9 | 51,56 | TN 17/T 3-90 | 48,56 | 8 | |
| | | AN 90 | 133.21.000 | TN 17 | 53,62 | 9 | |
| | | AND 90 | 133.21.800 | TND 17 | 57,94 | 10 | |
| | | | | TR 17A | 62,26 | 11 | |
| | | | | TRD 17A | 66,58 | 12 | |
| | | | | TR 17 | 70,90 | 13 | |
| | | | | TRD 17 | | | |
| | | | | AR 17 | 141.21.500 | | |
| | | | | ARD 17 | 141.21.900 | | |
| | | | | ARDC 17 | 141.21.600 | | |

Transporte grúa autoestable con traslación y sin lastre.
Free standing crane transport with travelling base without base ballast.

En camiones / In trucks

3 unidades / 3 units

En contenedores / In containers
(A)

1 unidades / 1 units

2 unidades / 2 units

(B)

2 unidades / 2 units

1 unidades / 1 units



- H Altura / Height
- D Distancia entre marcos / Distance between collars
- P Peso de la grúa (en servicio) / Crane weight (in service)
- R Reacción horizontal / Horizontal reaction



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Fecha / Date: 23-09-02

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