



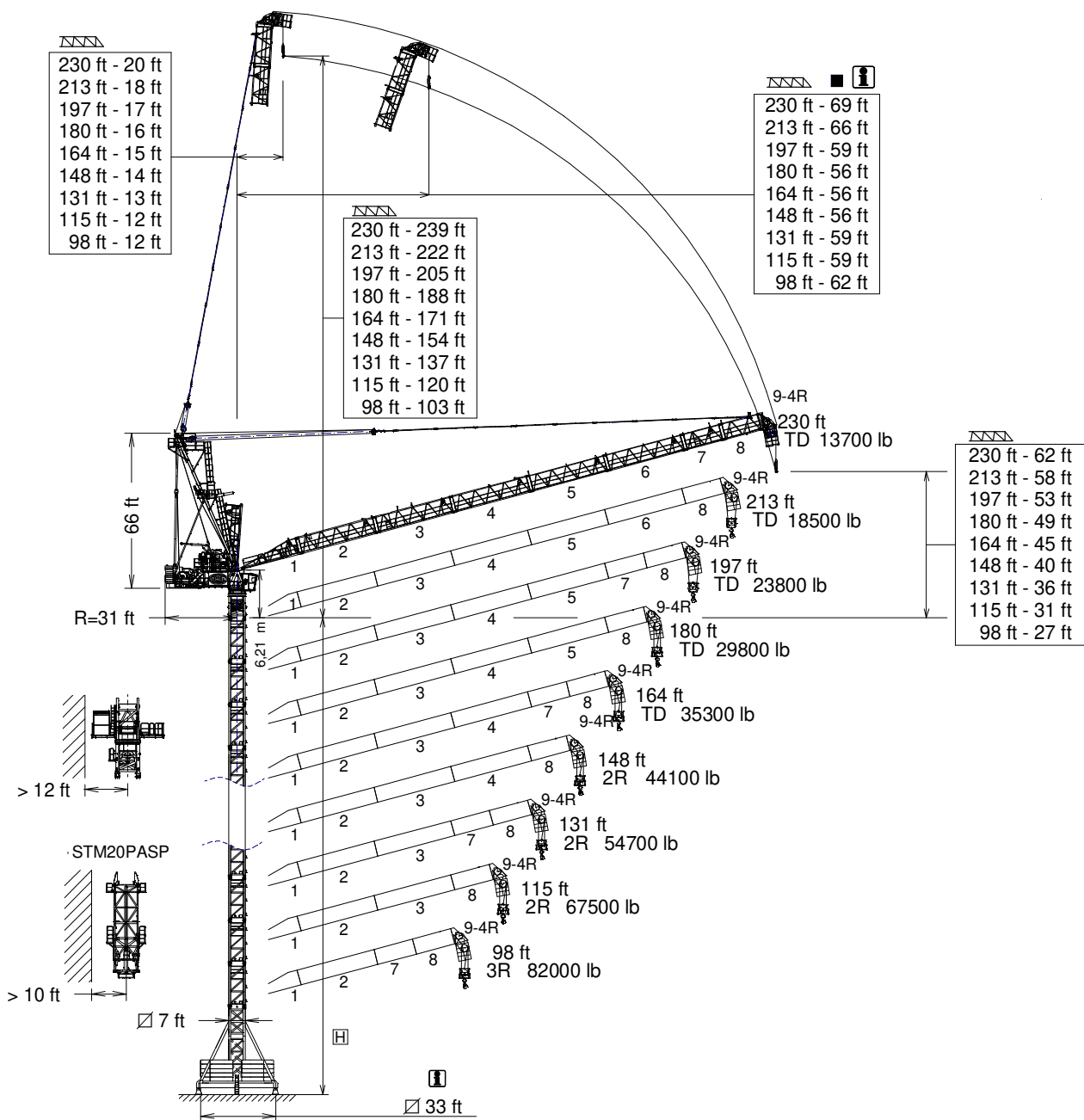
UNE 58-101  
FEM1001

FEM 1001

# J780PA.64

GRUA TORRE / TOWER CRANE

UNE-EN-ISO 9001



D ■ Distancias fuera de servicio dependen de la altura de la torre / Out of service distances depend on tower height

H= Máxima altura de torre sin arriostrar (ft) / Maximum tower height without fastening (ft)

\* Tramo pluma / Jib section

|                                     |            |
|-------------------------------------|------------|
| *Tramo pluma 1 / Jib setion 1 ..... | 800.40.450 |
| *Tramo pluma 2 / Jib setion 2.....  | 800.41.700 |
| *Tramo pluma 3 / Jib setion 3.....  | 800.42.700 |
| *Tramo pluma 4 / Jib setion 4.....  | 800.43.800 |
| *Tramo pluma 5 / Jib setion 5.....  | 800.44.600 |

|                                           |            |
|-------------------------------------------|------------|
| *Tramo pluma 6 / Jib setion 6 .....       | 800.45.700 |
| *Tramo pluma 7 / Jib setion 7 .....       | 800.46.800 |
| *Tramo pluma 8 / Jib setion 8.....        | 214.47.000 |
| *Tramo pluma 9-4R / Jib setion 9-4R ..... | 801.48.000 |

|                   |            |
|-------------------|------------|
| TSP20.....        | 214.31.300 |
| TSP20-5,6.....    | 214.31.100 |
| TSP24-5,6.....    | 214.32.200 |
| TSP24/TSP20 ..... | 212.36.000 |

## CUSTOMIZE YOUR CRANE

**OPTIMUS**  
line



OPTI Cube



TC Diagnosis  
SYSTEM



CLIMBING  
Solution



SAFETY  
Pack



Customization



ECO Mode



COMFORT  
Cabin



HIGH POWER  
Motors



JL25 Tower  
Crane Elevator



BE SMART  
keep control



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30/05/2025



|     | TD<br>@ ... (ft) | 82    | 98    | 115   | 131   | 148   | 164   | 180   | 197   | 213   | 230   |
|-----|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 230 | 167              | 35300 | 35300 | 35300 | 35300 | 35300 | 35300 | 29500 | 23400 | 18100 | 13700 |
| 213 | 167              | 35300 | 35300 | 35300 | 35300 | 35300 | 35300 | 29500 | 23600 | 18500 | -     |
| 197 | 168              | 35300 | 35300 | 35300 | 35300 | 35300 | 35300 | 29800 | 23800 | -     | -     |
| 180 | 168              | 35300 | 35300 | 35300 | 35300 | 35300 | 35300 | 29800 | -     | -     | -     |
| 164 | 164              | 35300 | 35300 | 35300 | 35300 | 35300 | 35300 | -     | -     | -     | -     |
| 148 | 148              | 35300 | 35300 | 35300 | 35300 | 35300 | -     | -     | -     | -     | -     |
| 131 | 131              | 35300 | 35300 | 35300 | 35300 | -     | -     | -     | -     | -     | -     |
| 115 | 115              | 35300 | 35300 | 35300 | -     | -     | -     | -     | -     | -     | -     |
| 98  | 98               | 35300 | 35300 | -     | -     | -     | -     | -     | -     | -     | -     |



|     | 2R<br>max (lb)<br>@ ... (ft) | 82  | 98    | 115   | 131   | 148   | 164   | 180   | 197   | 213   | 230   |
|-----|------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 230 | 61700                        | 119 | 61700 | 61700 | 61700 | 52000 | 41400 | 33100 | 26000 | 20300 | 15400 |
| 213 | 70500                        | 110 | 70500 | 70500 | 65500 | 52000 | 41700 | 33300 | 26500 | 20900 | 16100 |
| 197 | 70500                        | 110 | 70500 | 70500 | 65500 | 52200 | 41900 | 33700 | 26900 | 21400 | -     |
| 180 | 70500                        | 110 | 70500 | 70500 | 65500 | 52500 | 42100 | 34000 | 27300 | -     | -     |
| 164 | 70500                        | 110 | 70500 | 70500 | 66100 | 53100 | 43000 | 34800 | -     | -     | -     |
| 148 | 70500                        | 111 | 70500 | 70500 | 67200 | 54200 | 44100 | -     | -     | -     | -     |
| 131 | 70500                        | 112 | 70500 | 70500 | 67500 | 54700 | -     | -     | -     | -     | -     |
| 115 | 70500                        | 112 | 70500 | 70500 | 67500 | -     | -     | -     | -     | -     | -     |
| 98  | 70500                        | 98  | 70500 | 70500 | -     | -     | -     | -     | -     | -     | -     |



|     | 3R<br>max (lb)<br>@ ... (ft) | 66 | 82     | 98     | 115   | 131   | 148   | 164   | 180   | 197   | 213   |
|-----|------------------------------|----|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 213 | 92600                        | 89 | 92600  | 92600  | 79400 | 62200 | 49200 | 39000 | 30900 | 24300 | 18700 |
| 197 | 105800                       | 81 | 105800 | 103400 | 79400 | 62400 | 49400 | 39500 | 31300 | 24900 | 19400 |
| 180 | 105800                       | 81 | 105800 | 103400 | 79600 | 62600 | 49800 | 39900 | 32000 | 25400 | -     |
| 164 | 105800                       | 81 | 105800 | 104100 | 80200 | 63300 | 50700 | 40800 | 32800 | -     | -     |
| 148 | 105800                       | 81 | 105800 | 104700 | 81100 | 64400 | 51800 | 42100 | -     | -     | -     |
| 131 | 105800                       | 81 | 105800 | 104700 | 81600 | 65000 | 52700 | -     | -     | -     | -     |
| 115 | 105800                       | 81 | 105800 | 104700 | 81800 | 65500 | -     | -     | -     | -     | -     |
| 98  | 105800                       | 81 | 105800 | 104700 | 82000 | -     | -     | -     | -     | -     | -     |



|     | 4R<br>@ ... (ft) | 49     | 66     | 82     | 98    | 115   | 131   | 148   | 164   | 180   |
|-----|------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 180 | 64               | 141100 | 136700 | 101400 | 78000 | 61300 | 48700 | 38800 | 31100 | 24700 |
| 164 | 64               | 141100 | 136700 | 101900 | 78700 | 61900 | 49600 | 39900 | 32200 | -     |
| 148 | 64               | 141100 | 137600 | 103000 | 79800 | 63500 | 51100 | 41400 | -     | -     |
| 131 | 64               | 141100 | 137600 | 103400 | 80500 | 64200 | 52000 | -     | -     | -     |
| 115 | 64               | 141100 | 137600 | 103600 | 80900 | 64800 | -     | -     | -     | -     |
| 98  | 64               | 141100 | 137600 | 103800 | 81400 | -     | -     | -     | -     | -     |

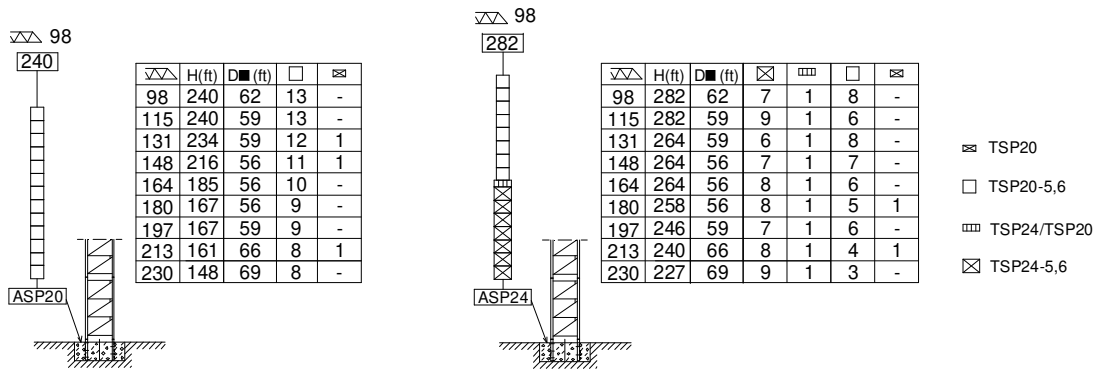
Datos válidos para / Valid data for



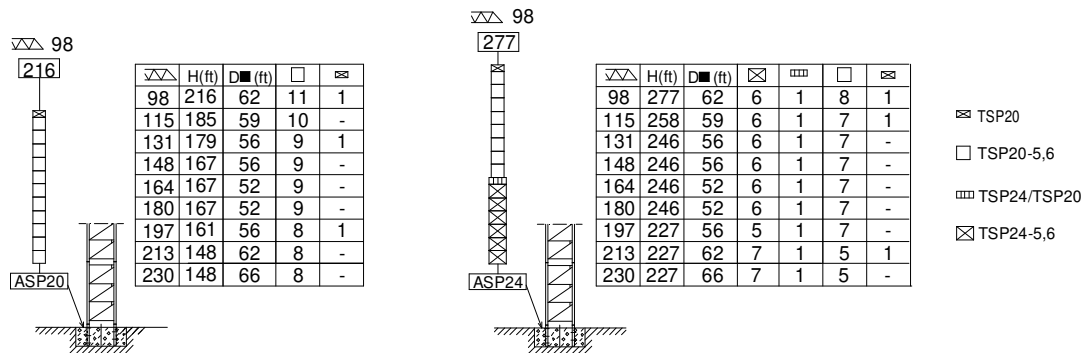
4R H ≤ 328 ft  
3R H ≤ 344 ft  
2R H ≤ 361 ft  
TD H ≤ 377 ft

## (H) ESTACIONARIA 1 / STATIONARY 1

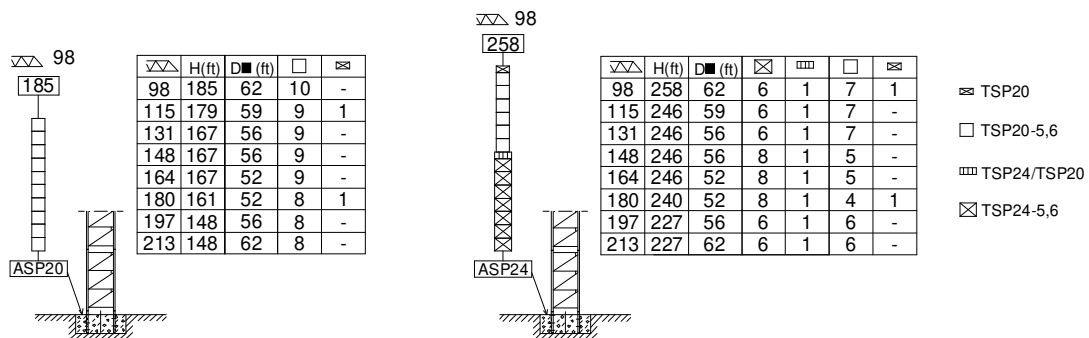
## TD



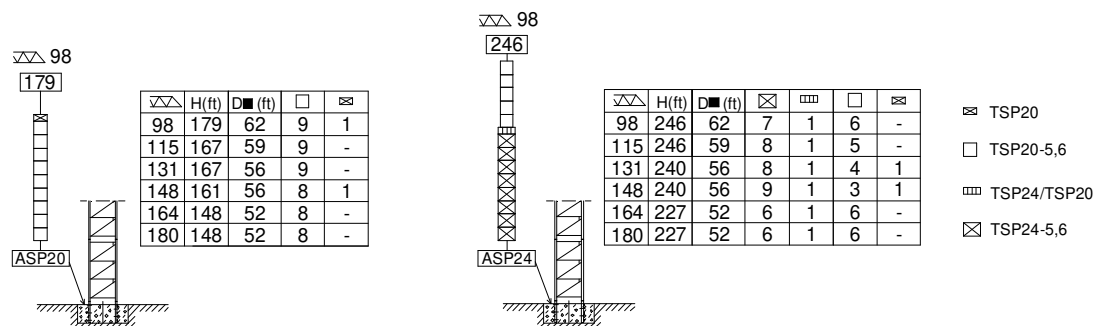
## 2R



## 3R



## 4R



ASP20 ..... 212.21.200

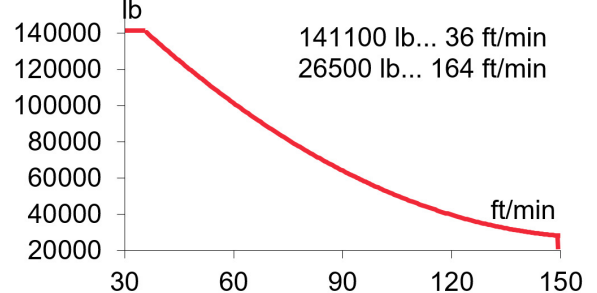
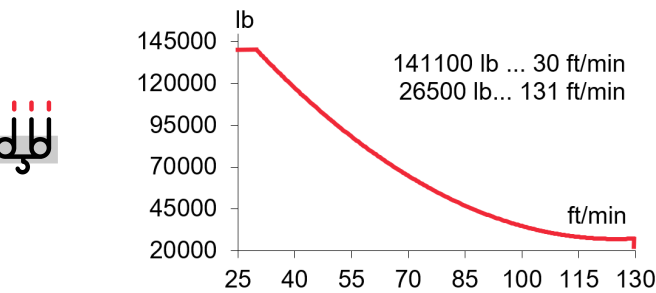
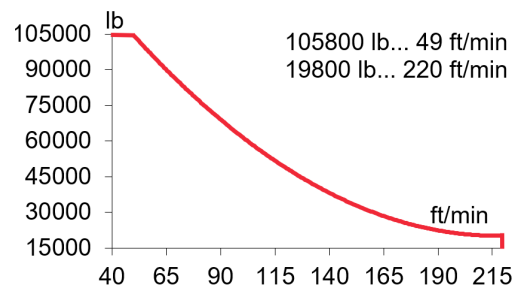
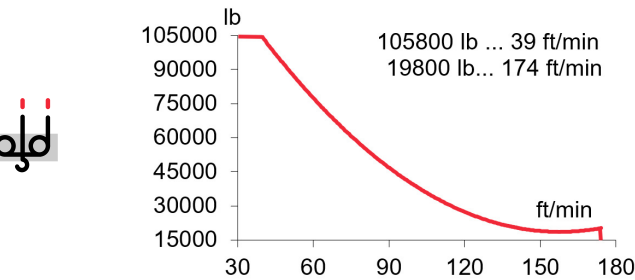
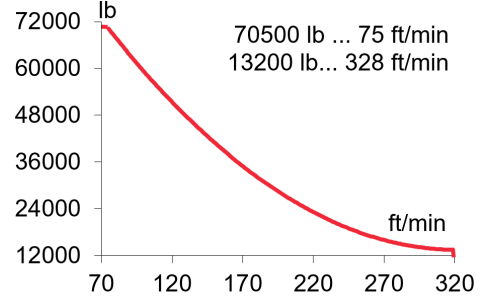
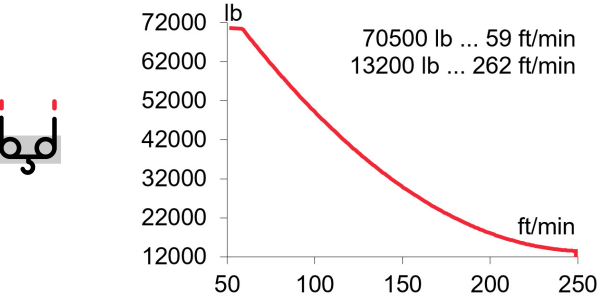
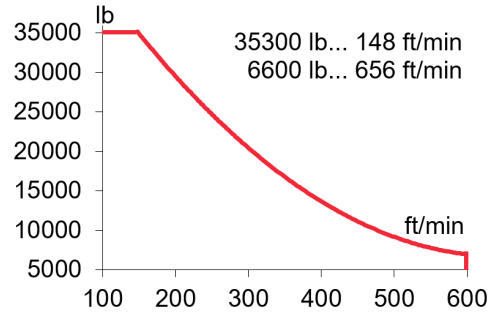
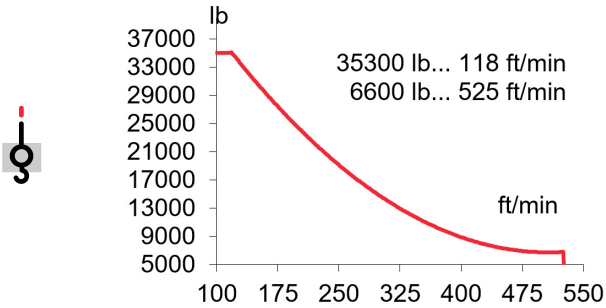
ASP24 ..... 212.21.500

H= Máxima altura de torre sin arriostrar (ft) / Maximum tower height without fastening (ft)



**EC150160VF**  
110 kW

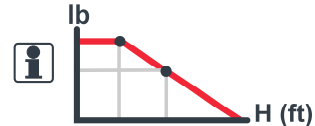
**\* EC180200VF**  
132 kW



H ≤ TD 2992 ft  
2R 1496 ft  
3R 997 ft  
4R 748 ft



3809 ft



**OG4007VF**  
2 x 15 kW

0...0,7  
r/min  
sl/min

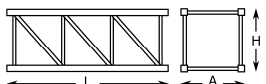
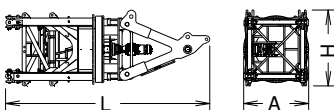
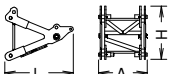
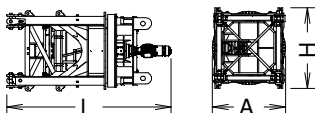
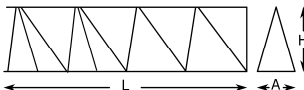
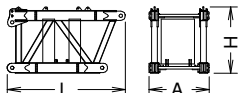
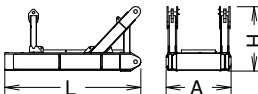
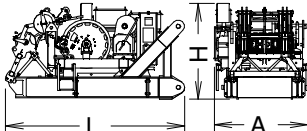
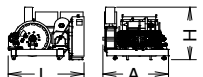
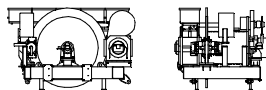
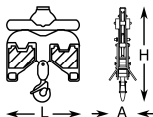
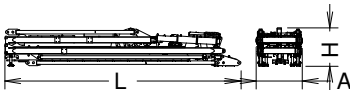


**EP15020VF**  
110 kW

2 min

3~ 400V 50Hz  
480V 60Hz

| KVA        |     |     |     |
|------------|-----|-----|-----|
| EC150160VF | 142 | 195 | 248 |
| EC180200VF | 152 | 211 | 269 |

|                                                                                                      |                                                                   |                                                                                      | L (ft)                                                                               | A (dt)            | H (ft)            | P/W(lb)             |              |  |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------|-------------------|---------------------|--------------|--|
| Torre / Tower                                                                                        | TSP20<br>TSP20-5,6                                                |    | 14.4<br>20.2                                                                         | 7.5<br>7.5        | 7.8<br>7.8        | 12380<br>16900      |              |  |
| Torre asiento pista + Torre superior + Orientación<br>Slewing table + Top tower + Slewing mechanism  |                                                                   |    | 23.8                                                                                 | 7.6               | 8.6               | 56310               |              |  |
| Punta de torre / Top tower                                                                           |                                                                   |    | 10.5                                                                                 | 7.5               | 8.0               | 13000               |              |  |
| Torre asiento pista + Base punta de torre + Orientación<br>Slewing table + Tower head base + Slewing |                                                                   |    | 17.1                                                                                 | 7.6               | 8.3               | 43310               |              |  |
| Tramo de pluma<br>Jib section                                                                        | 1                                                                 |    | 29.1                                                                                 | 7.5               | 7.4               | 8690                |              |  |
|                                                                                                      | 2                                                                 |                                                                                      | 34.7                                                                                 | 7.1               | 7.8               | 9510                |              |  |
|                                                                                                      | 3                                                                 |                                                                                      | 34.7                                                                                 | 6.5               | 7.5               | 8180                |              |  |
|                                                                                                      | 4                                                                 |                                                                                      | 34.7                                                                                 | 6.5               | 7.9               | 7320                |              |  |
|                                                                                                      | 5                                                                 |                                                                                      | 34.7                                                                                 | 6.5               | 7.5               | 7255                |              |  |
|                                                                                                      | 6                                                                 |                                                                                      | 34.7                                                                                 | 6.5               | 7.4               | 6350                |              |  |
|                                                                                                      | 7                                                                 |                                                                                      | 17.7                                                                                 | 6.5               | 7.4               | 4000                |              |  |
|                                                                                                      | 8                                                                 |                                                                                      | 17.7                                                                                 | 6.5               | 7.5               | 5080                |              |  |
|                                                                                                      | 9-4R                                                              |                                                                                      | 6.6                                                                                  | 6.7               | 11.8              | 6680                |              |  |
| Contrapluma 1 / Counterjib 1                                                                         |                                                                   |   | 14.7                                                                                 | 7.5               | 8.3               | 21860               |              |  |
| Contrapluma 2 / Counterjib 2                                                                         |                                                                   |  | 15.7                                                                                 | 7.5               | 7.4               | 17780               |              |  |
| Contrapluma 2 + Elevación pluma + Pasteca<br>Counterjib 2 + Luffing mech + Reeving block             |                                                                   |  | 16.7                                                                                 | 8.7               | 8.9               | 42440               |              |  |
| Elevación pluma / Luffing mech                                                                       |                                                                   |  | 9.4                                                                                  | 8.1               | 6.8               | 16470               |              |  |
| Pasteca / Reeving Block                                                                              |                                                                   |  | 11.0                                                                                 | 3.5               | 6.7               | 4130                |              |  |
| Mecanismo elevacion carga sin cable / Hoisting<br>mechanism without rope                             |                                                                   |  | 10.5                                                                                 | 7.7               | 6.5               | 16530               |              |  |
| Polipasto / Hook assembly                                                                            | 4R<br>2R/3R<br>TD                                                 |   | 4.5<br>5.0<br>0.6                                                                    | 1.7<br>3.1<br>1.1 | 8.5<br>8.3<br>6.9 | 3730<br>3680<br>840 |              |  |
|                                                                                                      | Tirante sostén pluma / Jib support tie                            |                                                                                      |  | 17.8<br>17.8      | 1.2<br>1.2        | 1.3<br>1.3          | 3060<br>3030 |  |
|                                                                                                      | Parte superior + Mecanismo auxiliar<br>Top part + Auxiliary winch |                                                                                      |  | 38.8              | 7.5               | 6.5                 | 39240        |  |

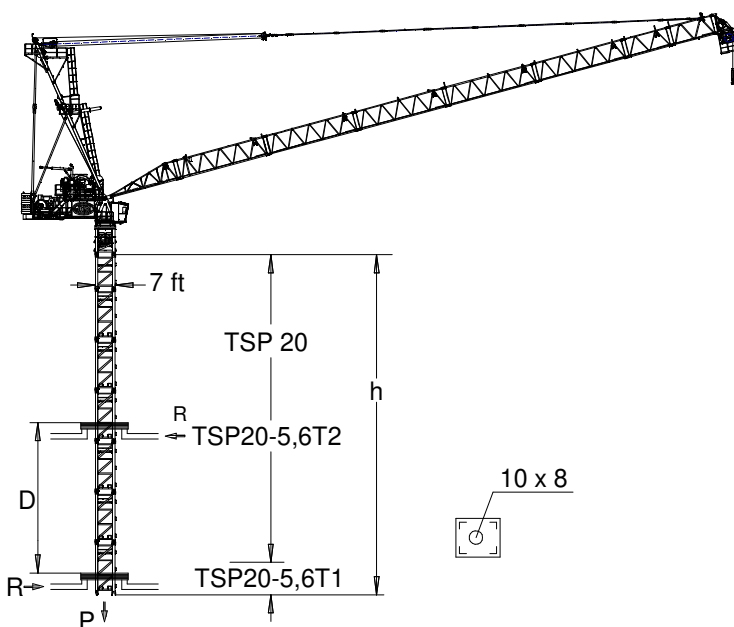
# LISTA DE EMBARQUE / PACKING LIST

**J780PA.64**

|                                                       |                               | L (ft)      | A (dt)     | H (ft)     | P/W(lb)       |
|-------------------------------------------------------|-------------------------------|-------------|------------|------------|---------------|
| Plataforma + Cabina / Platform + Cabin                |                               | 12.0        | 7.5        | 8.1        | 2760          |
| Contrapeso / Counterweight                            |                               | 14.8<br>7.6 | 0.8<br>0.8 | 3.3<br>3.3 | 17640<br>8820 |
| Transporte torre de montaje<br>Jacking cage transport | TM20PASP-5,6 - Package 1.<br> | 38.1        | 7.3        | 8.2        | 26270         |
|                                                       | TM20PASP-5,6 - Package 2<br>  | 38.3        | 6.6        | 8.2        | 31810         |

# TREPADO / CLIMBING

**J780PA.64**



TSP20-5,6T1: 214.31.400  
TSP20-5,6T2: 214.31.600

$h_{max}$ : TSP20-5,6T1 + 6 x TSP20-5,6 + TSP20-5,6T2

|            |         |        |
|------------|---------|--------|
|            |         |        |
| 230 ft     |         |        |
| h (ft)     | 147     |        |
| D (ft)     | 43 - 69 |        |
| P (lbf)    | 674430  | 611480 |
| Rmax (lbf) | 204580  | 296750 |

$h_{max}$ : TSP20-5,6T1 + 6 x TSP20-5,6 + TSP20-5,6T2

|            |         |        |
|------------|---------|--------|
|            |         |        |
| 213 ft     |         |        |
| h (ft)     | 147     |        |
| D (ft)     | 43 - 69 |        |
| P (lbf)    | 698030  | 626090 |
| Rmax (lbf) | 203450  | 300120 |

$h_{max}$ : TSP20-5,6T1 + 6 x TSP20-5,6 + TSP20-5,6T2

|            |         |        |
|------------|---------|--------|
|            |         |        |
| 197 ft     |         |        |
| h (ft)     | 147     |        |
| D (ft)     | 44 - 69 |        |
| P (lbf)    | 731750  | 623840 |
| Rmax (lbf) | 201200  | 291130 |

$h_{max}$ : TSP20-5,6T1 + 6 x TSP20-5,6 + TSP20-5,6T2

|            |         |        |
|------------|---------|--------|
|            |         |        |
| 180 ft     |         |        |
| h (ft)     | 147     |        |
| D (ft)     | 46 - 69 |        |
| P (lbf)    | 754230  | 610360 |
| Rmax (lbf) | 196710  | 275390 |

|  |                                                |
|--|------------------------------------------------|
|  | Trepado interno / Internal climbing            |
|  | Viento fuera de servicio / Out of service wind |
|  | Consultar / Consult                            |
|  | En servicio / In service                       |
|  | Fuera de servicio / Out of service             |
|  | Opcional / Optional                            |



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[www.jaso.com](http://www.jaso.com)

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FEM 1001

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