



**TRT 80US**  
88 USt capacity class  
Rough terrain crane  
Datasheet  
imperial



# TRT 80US

**WORKS FOR YOU.™**

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# TRT 80US

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# KEY

## LEJENDA

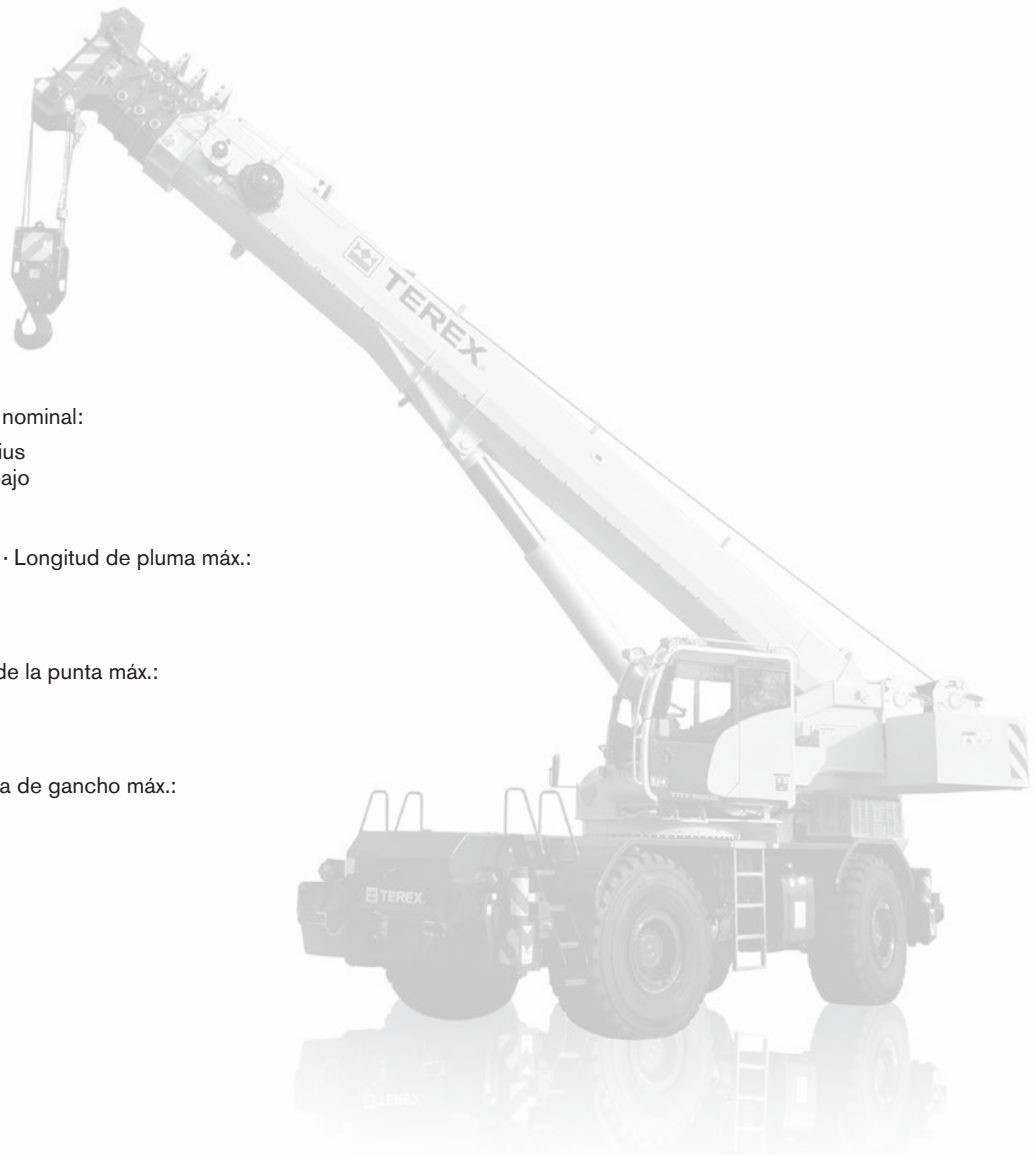
TRT 80US

|   |   |   |   |
|---|---|---|---|
|    | <b>Counterweight</b> · Contrapeso   |    | <b>Boom extension</b> · Extensión   |
|    | <b>Main boom</b> · Pluma principal  |    | <b>Performance</b> · Prestaciones   |
|    | <b>Boom length</b> · Longitud pluma   |    | <b>Boom elevation angle</b> · Ángulo elevación pluma  |
|    | <b>Tip height</b> · Altura de la punta  |    | <b>Working radius</b> · Radio de trabajo  |
|    | <b>Angular offsets</b> · Inclinación  |    | <b>Minimum distance between hook block and boom head</b> · Distancia mínima gancho a cabeza pluma |
|    | <b>Aux head</b> · Cabeza auxiliar   |    | <b>Slewing locked</b> · Giro bloqueado  |
|    | <b>Slewing / Allowable range</b> · Giro / Rango admisible                                     |    | <b>Slewing gears</b> · Sistema de giro  |
|    | <b>Outriggers / Lifting on outriggers</b> · Estabilizadores / Elevación sobre estabilizadores |    | <b>Lifting on wheels / Pick &amp; Carry</b> · Elevación sobre ruedas / pick & carry               |
|    | <b>Main hoist</b> · Cabrestante principal   |    | <b>Auxiliary hoist</b> · Cabrestante auxiliar   |
|    | <b>Hoist speed</b> · Velocidad cabrestante  |    | <b>Rope length</b> · Longitud cable   |
|    | <b>Rope</b> · Cable   |    | <b>Line pull</b> · Tracción cable   |
|   | <b>Rope diameter</b> · Diámetro cable   |   | <b>Tires</b> · Neumáticos   |
|  | <b>Hook block</b> · Gancho  |  | <b>Engine</b> · Motor   |
|  | <b>Cab</b> · Cabina   |  | <b>Steering</b> · Dirección   |
|  | <b>Controls</b> · Controles   |  | <b>Speed</b> · Velocidad  |
|  | <b>Mechanical transmission</b> · Transmisión mecánica   |  | <b>Heating / Air conditioning</b> · Calefacción / Climatización                                   |
|  | <b>Hydraulics</b> · Sistema hidráulico  |  | <b>Gradeability</b> · Pendiente máx.  |
|  | <b>Operation temperature</b> · Temperatura de servicio  |  | <b>Gross vehicle weight</b> · Peso bruto vehículo   |
|  | <b>Lights</b> · Luces   |  | <b>Weight on front axle</b> · Peso eje delantero  |
|  | <b>Crane / Crane in standard configuration</b> · Grúa / Grúa configuración estándar           |  | <b>Weight on rear axle</b> · Peso eje trasero   |
|  | <b>Crane without counterweight</b> · Grúa sin contrapeso                                      |  | <b>No. of sheaves</b> · N° poleas   |
|  | <b>Rated weight on hook block</b> · Carga nominal en gancho                                   |  | <b>Rams-horn hook</b> · Aparejo gancho doble  |
|  | <b>No. of lines</b> · N° ramales  |  | <b>Differential lock</b> · Bloqueo diferencial  |
|  | <b>Single hook</b> · Gancho simple  |   |   |
|  | <b>Electric circuit</b> · Circuito eléctrico  |   |   |

# HIGHLIGHTS

## CARACTERÍSTICAS DESTACADAS

**TRT 80US**

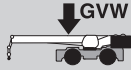
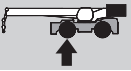

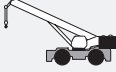







- ▶ Rated capacity · Capacidad nominal:  
80 USt at 8.2 ft working radius  
80 USt a 8.2 ft radio de trabajo
- ▶ Maximum main boom length · Longitud de pluma máx.:  
138 ft
- ▶ Maximum tip height · Altura de la punta máx.:  
148 ft
- ▶ Maximum hook height · Altura de gancho máx.:  
141 ft

# WEIGHTS

## PESOS

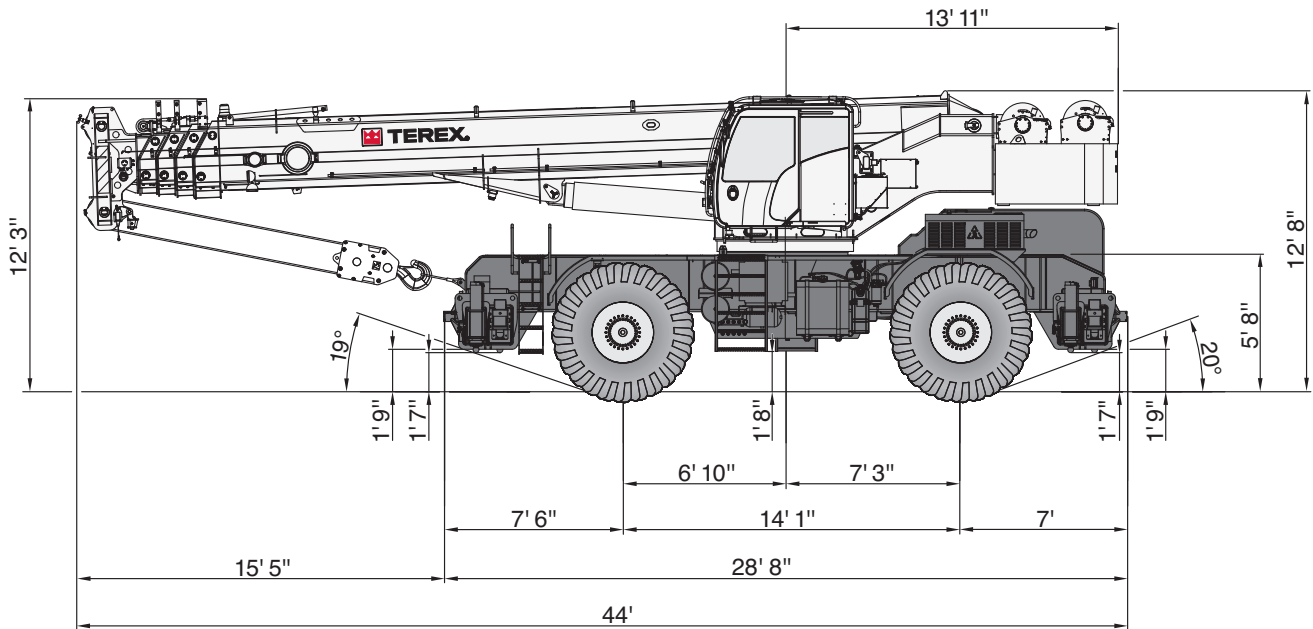
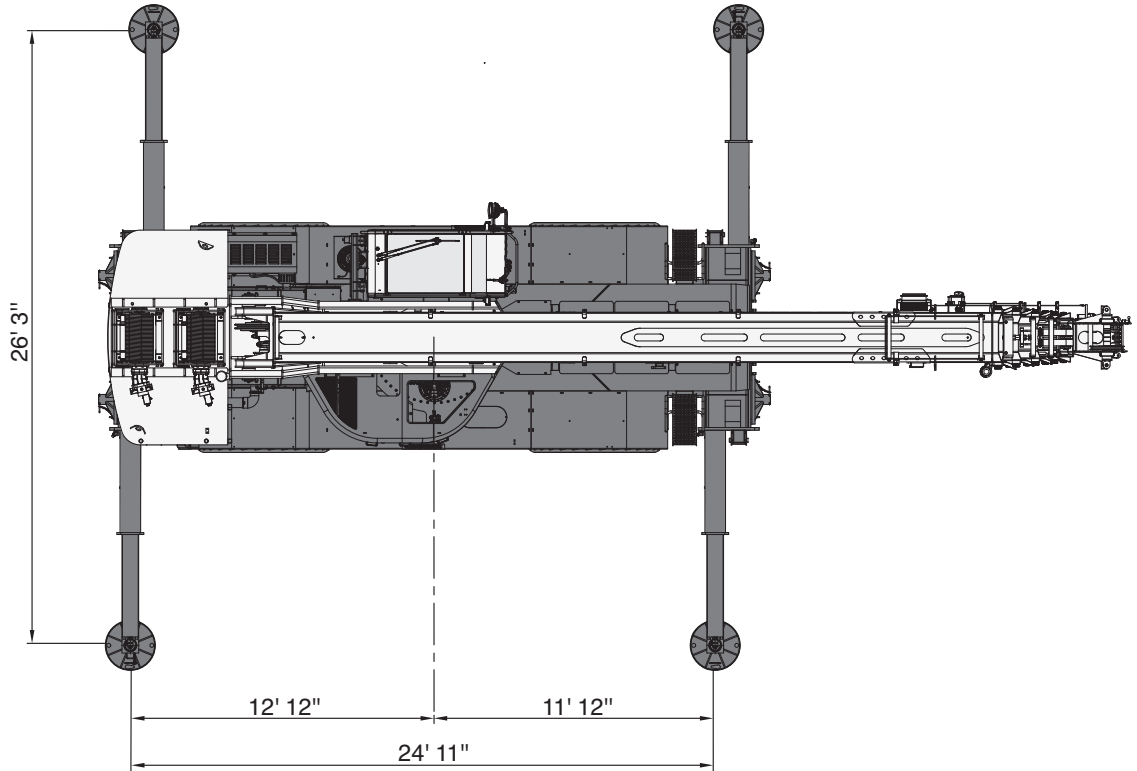
# TRT 80US

|   |  |  |  |  |
|---|--|---|---|---|
|    | <b>Weight without hook block</b><br><b>Full counterweight 7,700 lbs + 2 x 4,950 lbs ·</b><br>Peso sin gancho<br>Contrapeso completo 7,700 lbs + 2 x 4,950 lbs      | 108,000 lbs   | 53,000 lbs  | 55,000 lbs  |
|   | <b>Weight without hook block</b><br><b>Light counterweight (with dedicated load chart) ·</b><br>Peso sin gancho<br>Contrapeso ligero (con tabla de carga dedicada) | 98,100 lbs  | 55,680 lbs  | 42,420 lbs  |
| <b>Add / Subtract for main optional equipment · Sumar / restar para equipamiento opcional principal</b>   |  |   |   |   |
|    | <b>26 ft / 49 ft</b><br><b>Jib stowed aside the boom ·</b> Lança almacenada lateralmente a la pluma  | + 2,650 lbs   | + 4,200 lbs   | - 1,550 lbs   |
|    | <b>2</b><br><b>Auxiliary hoist ·</b> Cabrestante auxiliar**  | 0 lbs   | 0 lbs   | 0 lbs   |
|    | <b>80 USt Single hook ·</b> Gancho simple*   | + 1,650 lbs   | + 4,080 lbs   | - 2,425 lbs   |
|   | <b>22 USt Single hook ·</b> Gancho simple*   | + 550 lbs   | + 1,390 lbs   | - 840 lbs   |
|    | <b>11 USt Single hook ·</b> Gancho simple*   | + 575 lbs   | + 880 lbs   | - 530 lbs   |
| NOTE: Values are subject to 2% variation · NOTA: Valores sujetos a una variación del 2%<br>* Weight distribution calculated considering the hook block linked to the front shield of the machine ·<br>Distribución de pesos calculada considerando el gancho asegurado al protector frontal<br>** When the auxiliary hoist is installed, the additional counterweight of same weight is removed ·<br>Cuando se instala el cabrestante auxiliar, se quita el contrapeso adicional del mismo peso |  |   |   |   |

# DIMENSIONS

DIMENSIONES

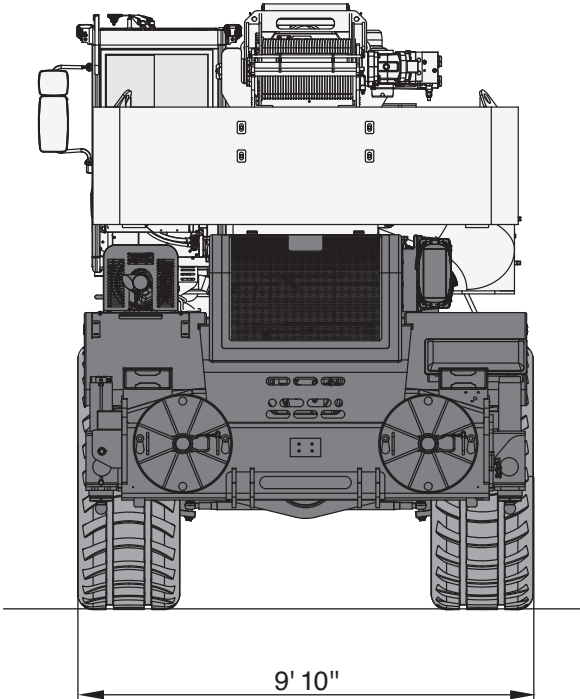
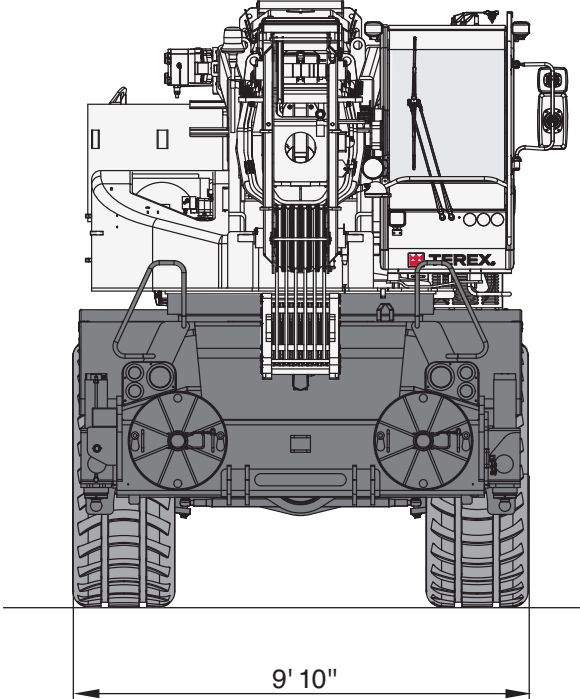
# TRT 80US



# DIMENSIONS

DIMENSIONES

**TRT 80US**

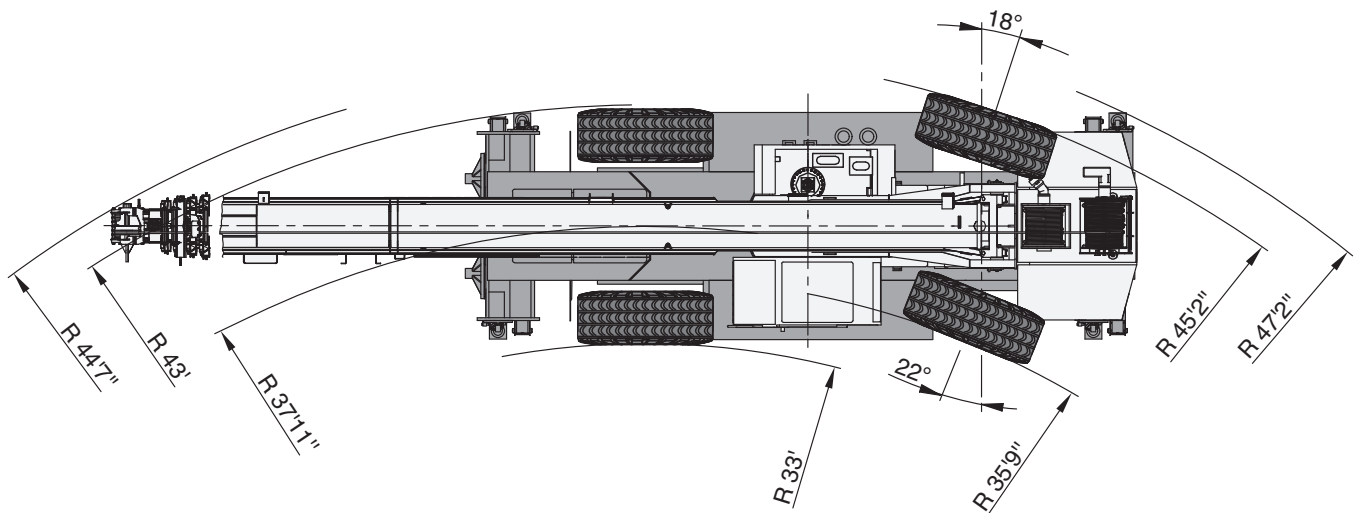
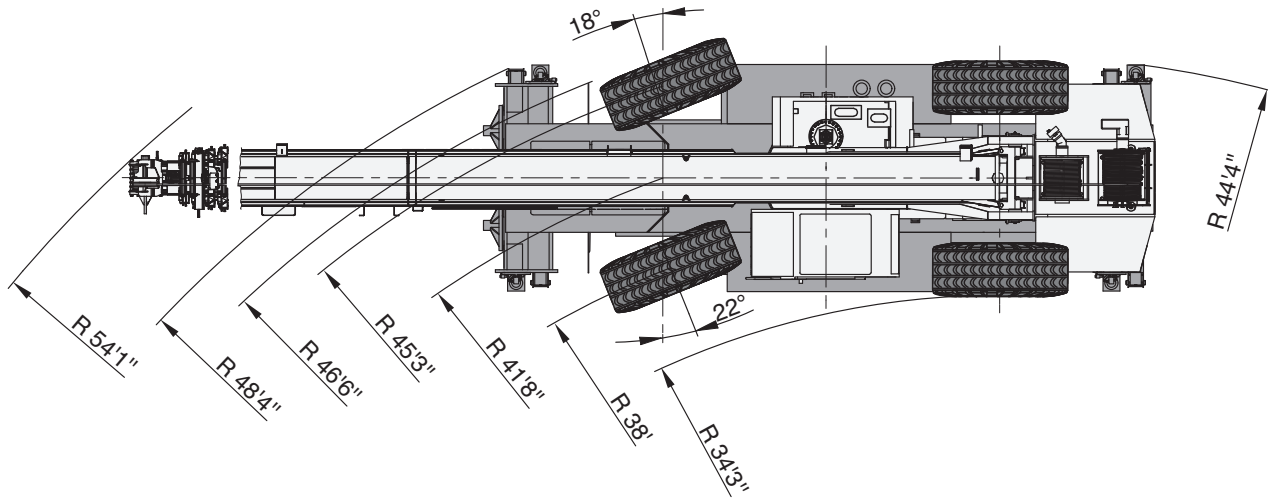


# STEERING RADII

RADIOS DE DIRECCIÓN

TRT 80US

Two wheel steer · Dirección en dos ruedas



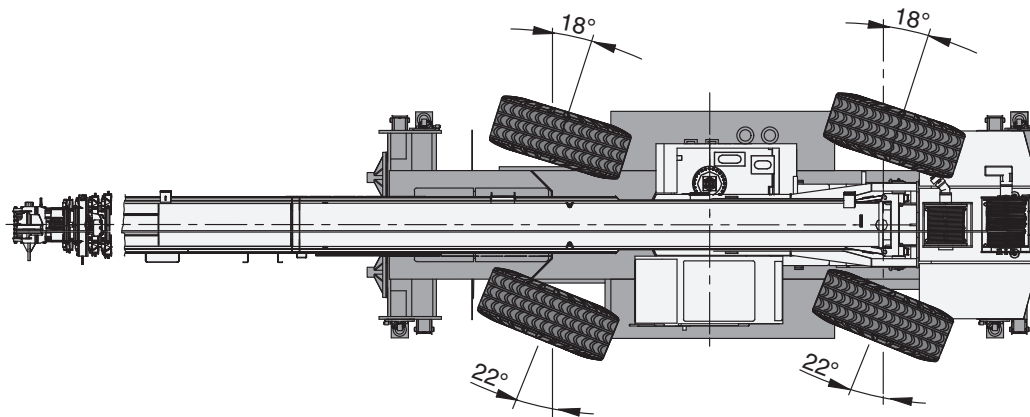
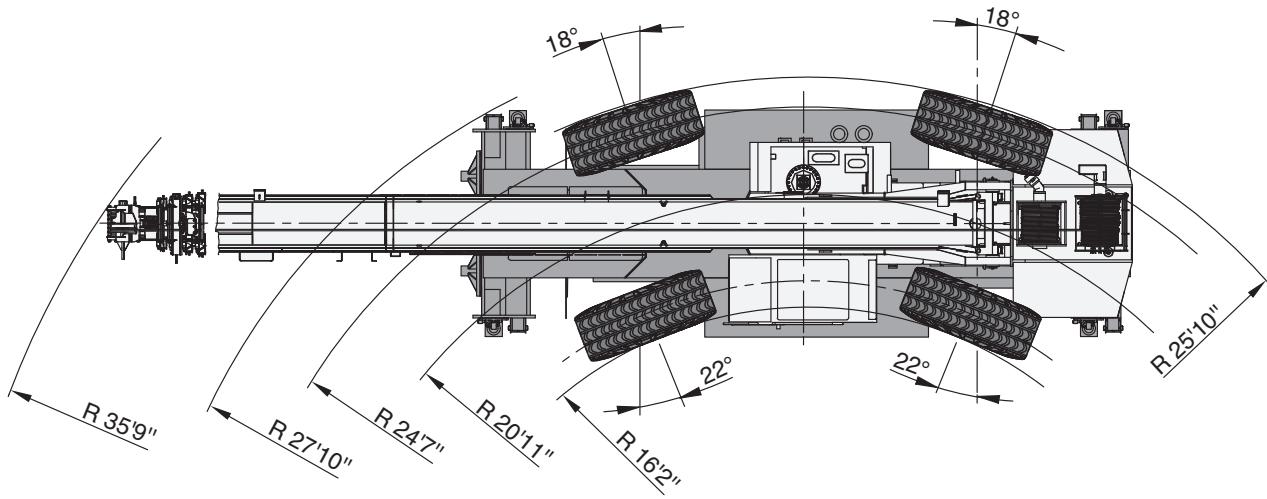


# STEERING RADII

RADIOS DE DIRECCIÓN

TRT 80US

Four wheel steer · Dirección en cuatro ruedas

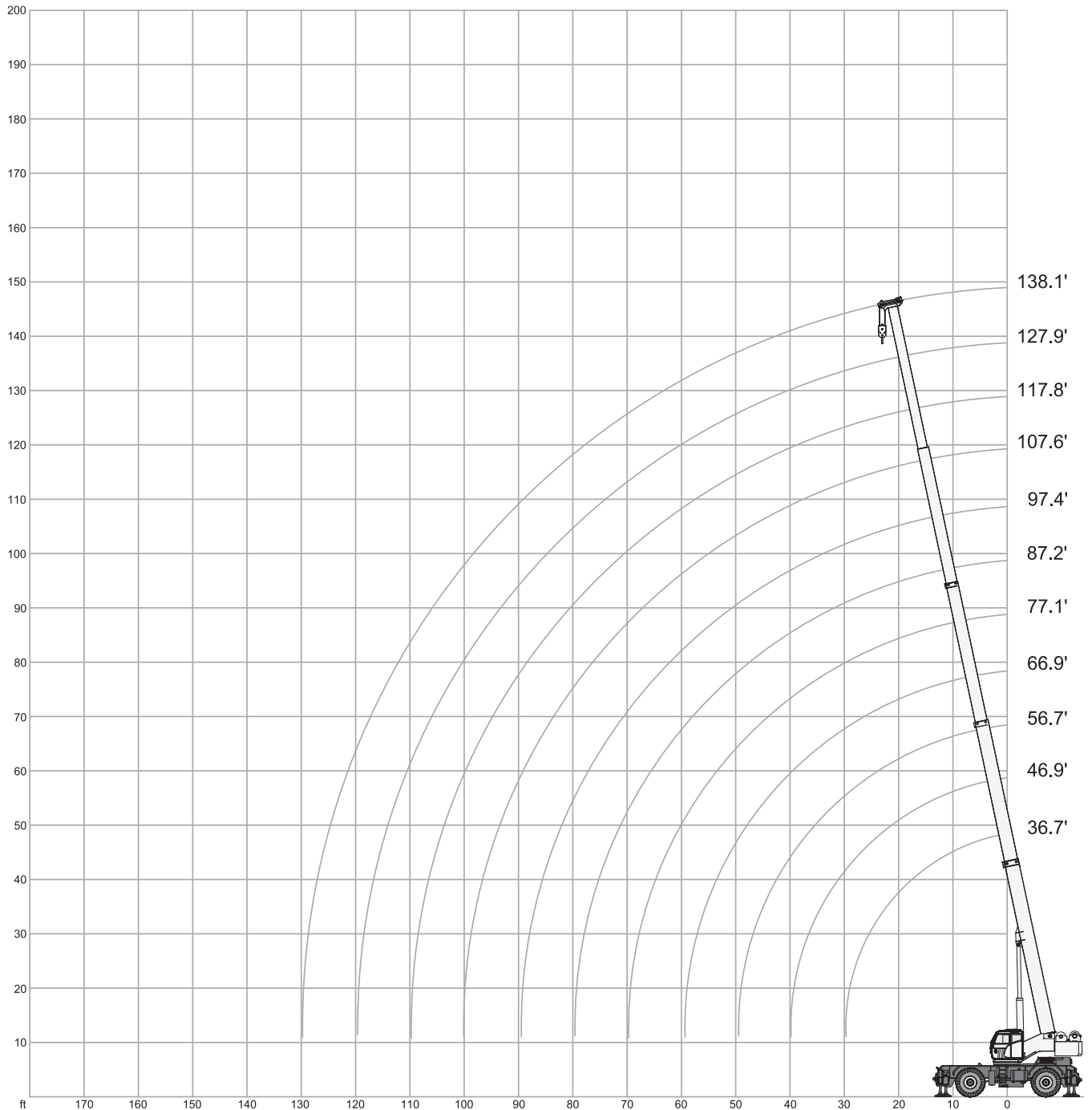
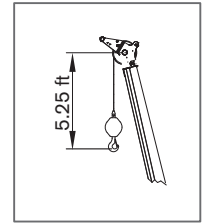
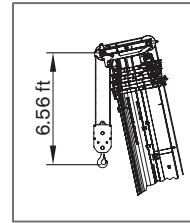
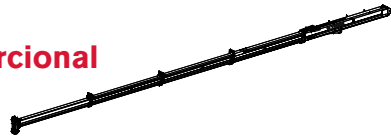


# RANGE GRAPH – MAIN BOOM

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DIAGRAMA DE CARGA

**Mode 3:  
Proportional · Proporcional**



# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

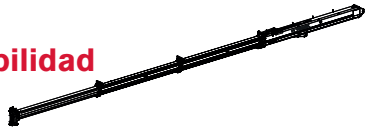
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TABLA DE CARGA

**Outriggers · Estabilizadores 100 %**

**Mode 1:**

**Stability · Estabilidad**



|       |    | 17,600 lbs |      | 24.9 ft x 26.2 ft |      | 360°    |      | US STANDARD<br>ASME B30.5 |     |          |     |          |     |          |       |
|-------|----|------------|------|-------------------|------|---------|------|---------------------------|-----|----------|-----|----------|-----|----------|-------|
|       |    | 36.7 ft    |      | 55.8 ft           |      | 74.8 ft |      | 93.8 ft                   |     | 112.8 ft |     | 125.6 ft |     | 138.1 ft |       |
|       |    | kip        |      | kip               |      | kip     |      | kip                       |     | kip      |     | kip      |     | kip      |       |
| ft    | ft | kip        | kip  | kip               | kip  | kip     | kip  | kip                       | kip | kip      | kip | kip      | kip | kip      | ft    |
| 8.2   |    | 160.0      | 56.4 | -                 | -    | -       | -    | -                         | -   | -        | -   | -        | -   | -        | 8.2   |
| 9.8   |    | 160.0      | 58.4 | -                 | -    | -       | -    | -                         | -   | -        | -   | -        | -   | -        | 9.8   |
| 11.5  |    | 153.7      | 60.6 | 50.5              | -    | -       | -    | -                         | -   | -        | -   | -        | -   | -        | 11.5  |
| 13.1  |    | 140.2      | 62.8 | 47.2              | -    | -       | -    | -                         | -   | -        | -   | -        | -   | -        | 13.1  |
| 14.8  |    | 131.2      | 65.3 | 44.1              | 35.7 | -       | -    | -                         | -   | -        | -   | -        | -   | -        | 14.8  |
| 16.4  |    | 121.0      | 68.1 | 41.2              | 33.5 | -       | -    | -                         | -   | -        | -   | -        | -   | -        | 16.4  |
| 19.7  |    | 97.7       | 69.2 | 36.6              | 29.8 | 22.7    | -    | -                         | -   | -        | -   | -        | -   | -        | 19.7  |
| 23.0  |    | 81.8       | 65.0 | 33.1              | 26.7 | 22.3    | 22.5 | -                         | -   | -        | -   | -        | -   | -        | 23.0  |
| 26.2  |    | 65.9       | 61.7 | 30.0              | 23.8 | 20.3    | 22.0 | 22.5                      | -   | -        | -   | -        | -   | -        | 26.2  |
| 29.5  |    | -          | 58.6 | 27.3              | 21.6 | 18.3    | 20.7 | 22.0                      | -   | -        | -   | -        | -   | -        | 29.5  |
| 32.8  |    | -          | 53.4 | 25.1              | 19.8 | 16.5    | 18.7 | 21.6                      | -   | -        | -   | -        | -   | -        | 32.8  |
| 36.1  |    | -          | 45.2 | 23.1              | 18.1 | 15.0    | 17.2 | 20.1                      | -   | -        | -   | -        | -   | -        | 36.1  |
| 39.4  |    | -          | 38.8 | 21.4              | 16.5 | 13.9    | 15.7 | 18.5                      | -   | -        | -   | -        | -   | -        | 39.4  |
| 42.6  |    | -          | 33.7 | 19.8              | 15.2 | 12.6    | 14.6 | 17.2                      | -   | -        | -   | -        | -   | -        | 42.6  |
| 45.9  |    | -          | 29.8 | 18.5              | 13.9 | 11.7    | 13.4 | 15.9                      | -   | -        | -   | -        | -   | -        | 45.9  |
| 49.2  |    | -          | -    | 17.4              | 13.0 | 10.8    | 12.3 | 14.8                      | -   | -        | -   | -        | -   | -        | 49.2  |
| 52.5  |    | -          | -    | 15.9              | 12.1 | 9.9     | 11.5 | 13.9                      | -   | -        | -   | -        | -   | -        | 52.5  |
| 55.8  |    | -          | -    | 15.0              | 11.2 | 9.3     | 10.8 | 13.0                      | -   | -        | -   | -        | -   | -        | 55.8  |
| 59.0  |    | -          | -    | 14.1              | 10.6 | 8.6     | 10.1 | 12.3                      | -   | -        | -   | -        | -   | -        | 59.0  |
| 62.3  |    | -          | -    | 13.2              | 9.9  | 8.2     | 9.5  | 11.5                      | -   | -        | -   | -        | -   | -        | 62.3  |
| 65.6  |    | -          | -    | 12.6              | 9.3  | 7.5     | 8.8  | 11.0                      | -   | -        | -   | -        | -   | -        | 65.6  |
| 68.9  |    | -          | -    | -                 | 8.8  | 7.1     | 8.4  | 10.4                      | -   | -        | -   | -        | -   | -        | 68.9  |
| 72.2  |    | -          | -    | -                 | 8.2  | 6.6     | 7.7  | 9.9                       | -   | -        | -   | -        | -   | -        | 72.2  |
| 75.4  |    | -          | -    | -                 | 7.7  | 6.2     | 7.3  | 9.3                       | -   | -        | -   | -        | -   | -        | 75.4  |
| 78.7  |    | -          | -    | -                 | 7.3  | 5.7     | 6.8  | 8.6                       | -   | -        | -   | -        | -   | -        | 78.7  |
| 82.0  |    | -          | -    | -                 | 6.8  | 5.3     | 6.4  | 8.2                       | -   | -        | -   | -        | -   | -        | 82.0  |
| 85.3  |    | -          | -    | -                 | 6.6  | 5.1     | 6.2  | 7.7                       | -   | -        | -   | -        | -   | -        | 85.3  |
| 88.6  |    | -          | -    | -                 | -    | 4.6     | 5.7  | 7.3                       | -   | -        | -   | -        | -   | -        | 88.6  |
| 91.8  |    | -          | -    | -                 | -    | 4.4     | 5.5  | 6.2                       | -   | -        | -   | -        | -   | -        | 91.8  |
| 95.1  |    | -          | -    | -                 | -    | 4.2     | 5.1  | 5.7                       | -   | -        | -   | -        | -   | -        | 95.1  |
| 98.4  |    | -          | -    | -                 | -    | 4.0     | 4.9  | 5.3                       | -   | -        | -   | -        | -   | -        | 98.4  |
| 101.7 |    | -          | -    | -                 | -    | 3.7     | 4.6  | 4.6                       | -   | -        | -   | -        | -   | -        | 101.7 |
| 105.0 |    | -          | -    | -                 | -    | -       | 4.4  | 4.2                       | -   | -        | -   | -        | -   | -        | 105.0 |
| 108.2 |    | -          | -    | -                 | -    | -       | 4.2  | 4.0                       | -   | -        | -   | -        | -   | -        | 108.2 |
| 111.5 |    | -          | -    | -                 | -    | -       | 3.7  | 3.5                       | -   | -        | -   | -        | -   | -        | 111.5 |
| 114.8 |    | -          | -    | -                 | -    | -       | 3.5  | 3.1                       | -   | -        | -   | -        | -   | -        | 114.8 |
| 118.1 |    | -          | -    | -                 | -    | -       | -    | 2.9                       | -   | -        | -   | -        | -   | -        | 118.1 |
| 121.4 |    | -          | -    | -                 | -    | -       | -    | 2.4                       | -   | -        | -   | -        | -   | -        | 121.4 |
| 124.6 |    | -          | -    | -                 | -    | -       | -    | 2.2                       | -   | -        | -   | -        | -   | -        | 124.6 |
| 127.9 |    | -          | -    | -                 | -    | -       | -    | 2.0                       | -   | -        | -   | -        | -   | -        | 127.9 |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

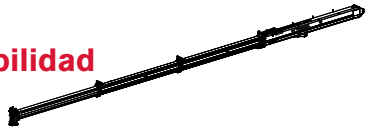
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TABLA DE CARGA

**Outriggers · Estabilizadores 50 %**

**Mode 1:**

**Stability · Estabilidad**



|       |       | 17,600 lbs |      | 24.9 ft x 11.8 ft |      | 360°     |      | US STANDARD ASME B30.5 |  |
|-------|-------|------------|------|-------------------|------|----------|------|------------------------|--|
|       |       | 36.7 ft    |      | 55.8 ft           |      | 74.8 ft  |      | 93.8 ft                |  |
|       |       | 112.8 ft   |      | 125.6 ft          |      | 138.1 ft |      |                        |  |
|       |       | kip        |      | kip               |      | kip      |      | kip                    |  |
|       |       | ft         |      | ft                |      | ft       |      | ft                     |  |
| 8.2   | 160.0 | 56.4       | -    | -                 | -    | -        | -    | 8.2                    |  |
| 9.8   | 160.0 | 58.4       | -    | -                 | -    | -        | -    | 9.8                    |  |
| 11.5  | 153.7 | 60.6       | 50.5 | -                 | -    | -        | -    | 11.5                   |  |
| 13.1  | 140.2 | 62.8       | 47.2 | -                 | -    | -        | -    | 13.1                   |  |
| 14.8  | 131.2 | 65.3       | 44.1 | 35.7              | -    | -        | -    | 14.8                   |  |
| 16.4  | 106.9 | 68.1       | 41.2 | 33.5              | -    | -        | -    | 16.4                   |  |
| 19.7  | 73.0  | 69.2       | 36.6 | 29.8              | 22.7 | -        | -    | 19.7                   |  |
| 23.0  | 54.0  | 56.0       | 33.1 | 26.7              | 22.3 | 22.5     | -    | 23.0                   |  |
| 26.2  | 42.3  | 44.3       | 30.0 | 23.8              | 20.3 | 22.0     | 22.5 | 26.2                   |  |
| 29.5  | -     | 36.2       | 27.3 | 21.6              | 18.3 | 20.7     | 22.0 | 29.5                   |  |
| 32.8  | -     | 30.0       | 25.1 | 19.8              | 16.5 | 18.7     | 21.6 | 32.8                   |  |
| 36.1  | -     | 25.4       | 23.1 | 18.1              | 15.0 | 17.2     | 19.8 | 36.1                   |  |
| 39.4  | -     | 21.8       | 21.4 | 16.5              | 13.9 | 15.7     | 18.3 | 39.4                   |  |
| 42.6  | -     | 18.7       | 19.6 | 15.2              | 12.6 | 14.6     | 17.0 | 42.6                   |  |
| 45.9  | -     | 16.1       | 17.0 | 13.9              | 11.7 | 13.4     | 15.7 | 45.9                   |  |
| 49.2  | -     | -          | 15.0 | 13.0              | 10.8 | 12.3     | 13.9 | 49.2                   |  |
| 52.5  | -     | -          | 13.2 | 12.1              | 9.9  | 11.5     | 12.1 | 52.5                   |  |
| 55.8  | -     | -          | 11.9 | 11.2              | 9.3  | 10.8     | 10.8 | 55.8                   |  |
| 59.0  | -     | -          | 10.6 | 10.6              | 8.6  | 10.1     | 9.5  | 59.0                   |  |
| 62.3  | -     | -          | 9.3  | 9.9               | 8.2  | 9.3      | 8.4  | 62.3                   |  |
| 65.6  | -     | -          | 8.4  | 8.8               | 7.5  | 8.2      | 7.5  | 65.6                   |  |
| 68.9  | -     | -          | -    | 7.9               | 7.1  | 7.3      | 6.6  | 68.9                   |  |
| 72.2  | -     | -          | -    | 7.1               | 6.6  | 6.6      | 5.7  | 72.2                   |  |
| 75.4  | -     | -          | -    | 6.4               | 6.2  | 5.7      | 5.1  | 75.4                   |  |
| 78.7  | -     | -          | -    | 5.7               | 5.7  | 5.3      | 4.4  | 78.7                   |  |
| 82.0  | -     | -          | -    | 5.1               | 5.3  | 4.6      | 4.0  | 82.0                   |  |
| 85.3  | -     | -          | -    | 4.6               | 4.9  | 4.0      | 3.3  | 85.3                   |  |
| 88.6  | -     | -          | -    | -                 | 4.4  | 3.5      | 2.9  | 88.6                   |  |
| 91.8  | -     | -          | -    | -                 | 4.0  | 3.1      | 2.4  | 91.8                   |  |
| 95.1  | -     | -          | -    | -                 | 3.5  | 2.6      | 2.0  | 95.1                   |  |
| 98.4  | -     | -          | -    | -                 | 3.1  | 2.2      | 1.5  | 98.4                   |  |
| 101.7 | -     | -          | -    | -                 | 2.6  | 1.8      | 1.1  | 101.7                  |  |
| 105.0 | -     | -          | -    | -                 | -    | 1.5      | 0.9  | 105.0                  |  |
| 108.2 | -     | -          | -    | -                 | -    | 1.1      | -    | 108.2                  |  |
| 111.5 | -     | -          | -    | -                 | -    | 0.9      | -    | 111.5                  |  |
| 114.8 | -     | -          | -    | -                 | -    | 0.7      | -    | 114.8                  |  |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

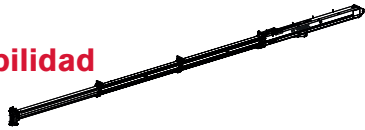
**TRT 80US**

TABLA DE CARGA

**Outriggers · Estabilizadores 0 %**

**Mode 1:**

**Stability · Estabilidad**



|       |       | 17,600 lbs |      | 24.9 ft x 8.7 ft |      | 360°     |      | US STANDARD<br>ASME B30.5 |  |
|-------|-------|------------|------|------------------|------|----------|------|---------------------------|--|
|       |       | 36.7 ft    |      | 55.8 ft          |      | 74.8 ft  |      | 93.8 ft                   |  |
|       |       | 112.8 ft   |      | 125.6 ft         |      | 138.1 ft |      |                           |  |
|       |       | kip        |      | kip              |      | kip      |      | kip                       |  |
|       |       | ft         |      | ft               |      | ft       |      | ft                        |  |
| 8.2   | 160.0 | 56.4       | -    | -                | -    | -        | -    | 8.2                       |  |
| 9.8   | 160.0 | 58.4       | -    | -                | -    | -        | -    | 9.8                       |  |
| 11.5  | 153.7 | 60.6       | 50.5 | -                | -    | -        | -    | 11.5                      |  |
| 13.1  | 140.2 | 62.8       | 47.2 | -                | -    | -        | -    | 13.1                      |  |
| 14.8  | 132.5 | 65.3       | 44.1 | 35.7             | -    | -        | -    | 14.8                      |  |
| 16.4  | 106.9 | 68.1       | 41.2 | 33.5             | -    | -        | -    | 16.4                      |  |
| 19.7  | 73.0  | 69.2       | 36.6 | 29.8             | 22.7 | -        | -    | 19.7                      |  |
| 23.0  | 54.0  | 56.0       | 33.1 | 26.7             | 22.3 | 22.5     | -    | 23.0                      |  |
| 26.2  | 42.3  | 44.3       | 30.0 | 23.8             | 20.3 | 22.0     | 22.5 | 26.2                      |  |
| 29.5  | -     | 36.2       | 27.3 | 21.6             | 18.3 | 20.7     | 22.0 | 29.5                      |  |
| 32.8  | -     | 30.0       | 25.1 | 19.8             | 16.5 | 18.7     | 21.6 | 32.8                      |  |
| 36.1  | -     | 25.4       | 23.1 | 18.1             | 15.0 | 17.2     | 19.8 | 36.1                      |  |
| 39.4  | -     | 21.8       | 21.4 | 16.5             | 13.9 | 15.7     | 18.3 | 39.4                      |  |
| 42.6  | -     | 18.7       | 19.6 | 15.2             | 12.6 | 14.6     | 17.0 | 42.6                      |  |
| 45.9  | -     | 16.1       | 17.0 | 13.9             | 11.7 | 13.4     | 15.7 | 45.9                      |  |
| 49.2  | -     | -          | 15.0 | 13.0             | 10.8 | 12.3     | 13.9 | 49.2                      |  |
| 52.5  | -     | -          | 13.2 | 12.1             | 9.9  | 11.5     | 12.1 | 52.5                      |  |
| 55.8  | -     | -          | 11.9 | 11.2             | 9.3  | 10.8     | 10.8 | 55.8                      |  |
| 59.0  | -     | -          | 10.6 | 10.6             | 8.6  | 10.1     | 9.5  | 59.0                      |  |
| 62.3  | -     | -          | 9.3  | 9.9              | 8.2  | 9.3      | 8.4  | 62.3                      |  |
| 65.6  | -     | -          | 8.4  | 8.8              | 7.5  | 8.2      | 7.5  | 65.6                      |  |
| 68.9  | -     | -          | -    | 7.9              | 7.1  | 7.3      | 6.6  | 68.9                      |  |
| 72.2  | -     | -          | -    | 7.1              | 6.6  | 6.6      | 5.7  | 72.2                      |  |
| 75.4  | -     | -          | -    | 6.4              | 6.2  | 5.7      | 5.1  | 75.4                      |  |
| 78.7  | -     | -          | -    | 5.7              | 5.7  | 5.3      | 4.4  | 78.7                      |  |
| 82.0  | -     | -          | -    | 5.1              | 5.3  | 4.6      | 4.0  | 82.0                      |  |
| 85.3  | -     | -          | -    | 4.6              | 4.9  | 4.0      | 3.3  | 85.3                      |  |
| 88.6  | -     | -          | -    | -                | 4.4  | 3.5      | 2.9  | 88.6                      |  |
| 91.8  | -     | -          | -    | -                | 4.0  | 3.1      | 2.4  | 91.8                      |  |
| 95.1  | -     | -          | -    | -                | 3.5  | 2.6      | 2.0  | 95.1                      |  |
| 98.4  | -     | -          | -    | -                | 3.1  | 2.2      | 1.5  | 98.4                      |  |
| 101.7 | -     | -          | -    | -                | 2.6  | 1.8      | 1.1  | 101.7                     |  |
| 105.0 | -     | -          | -    | -                | -    | 1.5      | 0.9  | 105.0                     |  |
| 108.2 | -     | -          | -    | -                | -    | 1.1      | -    | 108.2                     |  |
| 111.5 | -     | -          | -    | -                | -    | 0.9      | -    | 111.5                     |  |
| 114.8 | -     | -          | -    | -                | -    | 0.7      | -    | 114.8                     |  |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

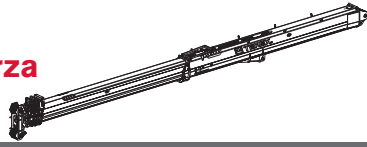
**TRT 80US**

TABLA DE CARGA

**Outriggers · Estabilizadores 100 %**

**Mode 2:**

**Strength · Fuerza**



|       |       | 17,600 lbs |       | 24.9 ft x 26.2 ft |      | 360°    |      | US STANDARD ASME B30.5 |   |          |   |          |   |          |  |
|-------|-------|------------|-------|-------------------|------|---------|------|------------------------|---|----------|---|----------|---|----------|--|
|       |       | 36.7 ft    |       | 49.2 ft           |      | 62.0 ft |      | 81.0 ft                |   | 100.0 ft |   | 119.1 ft |   | 138.1 ft |  |
|       |       | kip        |       | kip               |      | kip     |      | kip                    |   | kip      |   | kip      |   | kip      |  |
| ft    |       | ft         |       | ft                |      | ft      |      | ft                     |   | ft       |   | ft       |   | ft       |  |
| 8.2   | 160.0 | 146.6      | 102.3 | -                 | -    | -       | -    | -                      | - | -        | - | -        | - | 8.2      |  |
| 9.8   | 160.0 | 146.6      | 94.6  | -                 | -    | -       | -    | -                      | - | -        | - | -        | - | 9.8      |  |
| 11.5  | 153.7 | 144.2      | 87.5  | 54.0              | -    | -       | -    | -                      | - | -        | - | -        | - | 11.5     |  |
| 13.1  | 140.2 | 134.0      | 81.1  | 55.3              | -    | -       | -    | -                      | - | -        | - | -        | - | 13.1     |  |
| 14.8  | 131.2 | 123.9      | 75.6  | 56.7              | -    | -       | -    | -                      | - | -        | - | -        | - | 14.8     |  |
| 16.4  | 121.0 | 108.0      | 70.8  | 56.7              | 48.9 | -       | -    | -                      | - | -        | - | -        | - | 16.4     |  |
| 19.7  | 97.7  | 88.0       | 62.4  | 50.0              | 43.0 | 37.7    | -    | -                      | - | -        | - | -        | - | 19.7     |  |
| 23.0  | 81.8  | 73.6       | 55.8  | 45.0              | 38.6 | 34.2    | -    | -                      | - | -        | - | -        | - | 23.0     |  |
| 26.2  | 65.9  | 63.9       | 50.3  | 40.3              | 34.8 | 31.3    | 22.5 | -                      | - | -        | - | -        | - | 26.2     |  |
| 29.5  | -     | 55.3       | 45.4  | 36.8              | 31.7 | 28.7    | 22.0 | -                      | - | -        | - | -        | - | 29.5     |  |
| 32.8  | -     | 42.3       | 41.4  | 33.5              | 28.9 | 26.2    | 21.6 | -                      | - | -        | - | -        | - | 32.8     |  |
| 36.1  | -     | 35.1       | 35.3  | 30.9              | 26.7 | 24.0    | 20.1 | -                      | - | -        | - | -        | - | 36.1     |  |
| 39.4  | -     | 29.5       | 28.5  | 28.4              | 24.5 | 22.3    | 18.5 | -                      | - | -        | - | -        | - | 39.4     |  |
| 42.6  | -     | -          | 24.3  | 26.2              | 22.7 | 20.5    | 17.2 | -                      | - | -        | - | -        | - | 42.6     |  |
| 45.9  | -     | -          | 20.7  | 22.7              | 21.2 | 19.0    | 15.9 | -                      | - | -        | - | -        | - | 45.9     |  |
| 49.2  | -     | -          | 17.9  | 19.8              | 19.6 | 17.6    | 14.8 | -                      | - | -        | - | -        | - | 49.2     |  |
| 52.5  | -     | -          | 15.4  | 17.4              | 18.5 | 15.9    | 13.9 | -                      | - | -        | - | -        | - | 52.5     |  |
| 55.8  | -     | -          | -     | 15.4              | 17.2 | 14.8    | 13.0 | -                      | - | -        | - | -        | - | 55.8     |  |
| 59.0  | -     | -          | -     | 13.7              | 15.4 | 13.7    | 12.3 | -                      | - | -        | - | -        | - | 59.0     |  |
| 62.3  | -     | -          | -     | 12.1              | 13.0 | 13.0    | 11.5 | -                      | - | -        | - | -        | - | 62.3     |  |
| 65.6  | -     | -          | -     | 10.6              | 11.9 | 12.1    | 11.0 | -                      | - | -        | - | -        | - | 65.6     |  |
| 68.9  | -     | -          | -     | 9.5               | 10.6 | 11.5    | 10.4 | -                      | - | -        | - | -        | - | 68.9     |  |
| 72.2  | -     | -          | -     | 8.4               | 9.5  | 10.8    | 9.9  | -                      | - | -        | - | -        | - | 72.2     |  |
| 75.4  | -     | -          | -     | -                 | 8.6  | 9.3     | 9.3  | -                      | - | -        | - | -        | - | 75.4     |  |
| 78.7  | -     | -          | -     | -                 | 7.9  | 8.4     | 8.6  | -                      | - | -        | - | -        | - | 78.7     |  |
| 82.0  | -     | -          | -     | -                 | 7.1  | 7.7     | 8.2  | -                      | - | -        | - | -        | - | 82.0     |  |
| 85.3  | -     | -          | -     | -                 | 6.4  | 7.1     | 7.7  | -                      | - | -        | - | -        | - | 85.3     |  |
| 88.6  | -     | -          | -     | -                 | 5.7  | 6.4     | 7.3  | -                      | - | -        | - | -        | - | 88.6     |  |
| 91.8  | -     | -          | -     | -                 | 4.9  | 5.7     | 6.2  | -                      | - | -        | - | -        | - | 91.8     |  |
| 95.1  | -     | -          | -     | -                 | -    | 5.3     | 5.7  | -                      | - | -        | - | -        | - | 95.1     |  |
| 98.4  | -     | -          | -     | -                 | -    | 4.6     | 5.3  | -                      | - | -        | - | -        | - | 98.4     |  |
| 101.7 | -     | -          | -     | -                 | -    | 4.2     | 4.6  | -                      | - | -        | - | -        | - | 101.7    |  |
| 105.0 | -     | -          | -     | -                 | -    | 3.7     | 4.2  | -                      | - | -        | - | -        | - | 105.0    |  |
| 108.2 | -     | -          | -     | -                 | -    | 3.3     | 4.0  | -                      | - | -        | - | -        | - | 108.2    |  |
| 111.5 | -     | -          | -     | -                 | -    | -       | 3.5  | -                      | - | -        | - | -        | - | 111.5    |  |
| 114.8 | -     | -          | -     | -                 | -    | -       | 3.1  | -                      | - | -        | - | -        | - | 114.8    |  |
| 118.1 | -     | -          | -     | -                 | -    | -       | 2.9  | -                      | - | -        | - | -        | - | 118.1    |  |
| 121.4 | -     | -          | -     | -                 | -    | -       | 2.4  | -                      | - | -        | - | -        | - | 121.4    |  |
| 124.6 | -     | -          | -     | -                 | -    | -       | 2.2  | -                      | - | -        | - | -        | - | 124.6    |  |
| 127.9 | -     | -          | -     | -                 | -    | -       | 2.0  | -                      | - | -        | - | -        | - | 127.9    |  |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

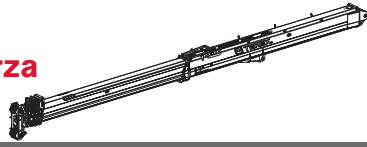
**TRT 80US**

TABLA DE CARGA

**Outriggers · Estabilizadores 50 %**

**Mode 2:**

**Strength · Fuerza**



|       |       | 17,600 lbs |       | 24.9 ft x 11.8 ft |      | 360°     |      | US STANDARD<br>ASME B30.5 |  |
|-------|-------|------------|-------|-------------------|------|----------|------|---------------------------|--|
|       |       | 36.7 ft    |       | 49.2 ft           |      | 62.0 ft  |      | 81.0 ft                   |  |
|       |       | 100.0 ft   |       | 119.1 ft          |      | 138.1 ft |      |                           |  |
|       |       | kip        |       | kip               |      | kip      |      | kip                       |  |
| ft    |       | ft         |       | ft                |      | ft       |      | ft                        |  |
| 8.2   | 160.0 | 146.6      | 102.3 | -                 | -    | -        | -    | 8.2                       |  |
| 9.8   | 160.0 | 146.6      | 94.6  | -                 | -    | -        | -    | 9.8                       |  |
| 11.5  | 153.7 | 144.2      | 87.5  | 54.0              | -    | -        | -    | 11.5                      |  |
| 13.1  | 140.2 | 134.0      | 81.1  | 54.0              | -    | -        | -    | 13.1                      |  |
| 14.8  | 131.2 | 123.9      | 75.6  | 54.0              | -    | -        | -    | 14.8                      |  |
| 16.4  | 106.9 | 102.1      | 70.8  | 54.0              | 48.9 | -        | -    | 16.4                      |  |
| 19.7  | 73.0  | 69.4       | 62.4  | 50.0              | 43.0 | 37.7     | -    | 19.7                      |  |
| 23.0  | 54.0  | 51.6       | 49.6  | 45.0              | 38.4 | 34.0     | -    | 23.0                      |  |
| 26.2  | 42.3  | 39.9       | 38.6  | 40.3              | 34.6 | 31.1     | 22.5 | 26.2                      |  |
| 29.5  | -     | 32.0       | 30.6  | 32.6              | 31.3 | 28.0     | 22.0 | 29.5                      |  |
| 32.8  | -     | 26.0       | 24.9  | 26.9              | 28.0 | 25.6     | 21.6 | 32.8                      |  |
| 36.1  | -     | 21.6       | 20.5  | 22.5              | 23.6 | 23.4     | 19.8 | 36.1                      |  |
| 39.4  | -     | 17.6       | 16.8  | 18.5              | 20.1 | 20.7     | 18.3 | 39.4                      |  |
| 42.6  | -     | -          | 14.1  | 15.9              | 17.0 | 17.6     | 17.0 | 42.6                      |  |
| 45.9  | -     | -          | 11.7  | 13.7              | 14.6 | 15.2     | 15.7 | 45.9                      |  |
| 49.2  | -     | -          | 9.7   | 11.7              | 12.8 | 13.4     | 13.9 | 49.2                      |  |
| 52.5  | -     | -          | 8.2   | 9.9               | 11.0 | 11.7     | 12.1 | 52.5                      |  |
| 55.8  | -     | -          | -     | 8.6               | 9.7  | 10.4     | 10.8 | 55.8                      |  |
| 59.0  | -     | -          | -     | 7.3               | 8.4  | 9.0      | 9.5  | 59.0                      |  |
| 62.3  | -     | -          | -     | 6.2               | 7.3  | 7.9      | 8.4  | 62.3                      |  |
| 65.6  | -     | -          | -     | 5.3               | 6.4  | 7.1      | 7.5  | 65.6                      |  |
| 68.9  | -     | -          | -     | 4.4               | 5.5  | 6.2      | 6.6  | 68.9                      |  |
| 72.2  | -     | -          | -     | 3.5               | 4.6  | 5.3      | 5.7  | 72.2                      |  |
| 75.4  | -     | -          | -     | -                 | 4.0  | 4.6      | 5.1  | 75.4                      |  |
| 78.7  | -     | -          | -     | -                 | 3.3  | 4.0      | 4.4  | 78.7                      |  |
| 82.0  | -     | -          | -     | -                 | 2.6  | 3.3      | 4.0  | 82.0                      |  |
| 85.3  | -     | -          | -     | -                 | 2.2  | 2.9      | 3.3  | 85.3                      |  |
| 88.6  | -     | -          | -     | -                 | 1.5  | 2.4      | 2.9  | 88.6                      |  |
| 91.8  | -     | -          | -     | -                 | 1.1  | 2.0      | 2.4  | 91.8                      |  |
| 95.1  | -     | -          | -     | -                 | -    | 1.5      | 2.0  | 95.1                      |  |
| 98.4  | -     | -          | -     | -                 | -    | 1.1      | 1.5  | 98.4                      |  |
| 101.7 | -     | -          | -     | -                 | -    | 0.7      | 1.1  | 101.7                     |  |
| 105.0 | -     | -          | -     | -                 | -    | -        | 0.9  | 105.0                     |  |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

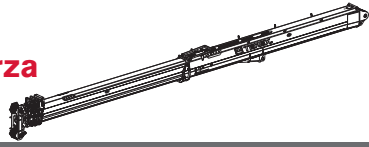
**TRT 80US**

TABLA DE CARGA

**Outriggers · Estabilizadores 0 %**

**Mode 2:**

**Strength · Fuerza**



|      |       | 17,600 lbs |       |          | 24.9 ft x 8.7 ft |          | 360°    |     | US STANDARD ASME B30.5 |  |
|------|-------|------------|-------|----------|------------------|----------|---------|-----|------------------------|--|
|      |       | 36.7 ft    |       |          | 49.2 ft          |          | 62.0 ft |     | 81.0 ft                |  |
|      |       | 100.0 ft   |       | 119.1 ft |                  | 138.1 ft |         |     |                        |  |
|      |       | kip        |       | kip      |                  | kip      |         | kip |                        |  |
|      |       | ft         |       | ft       |                  | ft       |         | ft  |                        |  |
| 8.2  | 111.1 | 128.3      | 102.3 | -        | -                | -        | -       | -   | 8.2                    |  |
| 9.8  | 95.7  | 90.6       | 86.9  | -        | -                | -        | -       | -   | 9.8                    |  |
| 11.5 | 72.8  | 68.8       | 66.1  | 54.0     | -                | -        | -       | -   | 11.5                   |  |
| 13.1 | 57.8  | 54.7       | 52.5  | 53.8     | -                | -        | -       | -   | 13.1                   |  |
| 14.8 | 47.4  | 44.8       | 43.0  | 44.5     | -                | -        | -       | -   | 14.8                   |  |
| 16.4 | 39.9  | 37.5       | 35.9  | 37.5     | 38.1             | -        | -       | -   | 16.4                   |  |
| 19.7 | 29.3  | 27.3       | 26.0  | 27.8     | 28.7             | 29.1     | -       | -   | 19.7                   |  |
| 23.0 | 22.3  | 20.5       | 19.4  | 21.2     | 22.0             | 22.7     | -       | -   | 23.0                   |  |
| 26.2 | 17.0  | 15.4       | 14.3  | 16.1     | 17.0             | 17.6     | 18.1    | -   | 26.2                   |  |
| 29.5 | -     | 11.9       | 11.0  | 12.8     | 13.7             | 14.3     | 14.8    | -   | 29.5                   |  |
| 32.8 | -     | 9.3        | 8.4   | 10.1     | 11.2             | 11.9     | 12.1    | -   | 32.8                   |  |
| 36.1 | -     | 7.1        | 6.4   | 8.2      | 9.0              | 9.7      | 10.1    | -   | 36.1                   |  |
| 39.4 | -     | 5.3        | 4.6   | 6.4      | 7.3              | 7.9      | 8.4     | -   | 39.4                   |  |
| 42.6 | -     | -          | 3.3   | 4.9      | 6.0              | 6.6      | 7.1     | -   | 42.6                   |  |
| 45.9 | -     | -          | 2.0   | 3.7      | 4.6              | 5.3      | 5.7     | -   | 45.9                   |  |
| 49.2 | -     | -          | 0.9   | 2.6      | 3.7              | 4.4      | 4.9     | -   | 49.2                   |  |
| 52.5 | -     | -          | -     | 1.8      | 2.9              | 3.5      | 4.0     | -   | 52.5                   |  |
| 55.8 | -     | -          | -     | 0.9      | 2.0              | 2.6      | 3.1     | -   | 55.8                   |  |
| 59.0 | -     | -          | -     | -        | 1.3              | 2.0      | 2.4     | -   | 59.0                   |  |
| 62.3 | -     | -          | -     | -        | 0.7              | 1.3      | 1.8     | -   | 62.3                   |  |
| 65.6 | -     | -          | -     | -        | -                | 0.7      | 1.3     | -   | 65.6                   |  |
| 68.9 | -     | -          | -     | -        | -                | -        | 0.7     | -   | 68.9                   |  |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.



# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

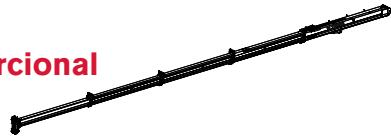
**TRT 80US**

TABLA DE CARGA

**Outriggers · Estabilizadores 100 %**

**Mode 3:**

**Proportional · Proporcional**



|       |       | 17,600 lbs |      | 24.9 ft x 26.2 ft |      | 360° |      | US STANDARD<br>ASME B30.5 |      |      |      |       |
|-------|-------|------------|------|-------------------|------|------|------|---------------------------|------|------|------|-------|
| ft    | kip   | kip        | kip  | kip               | kip  | kip  | kip  | kip                       | kip  | kip  | kip  | ft    |
| 8.2   | 160.0 | 60.6       | 57.5 | -                 | -    | -    | -    | -                         | -    | -    | -    | 8.2   |
| 9.8   | 160.0 | 62.8       | 58.6 | 55.6              | -    | -    | -    | -                         | -    | -    | -    | 9.8   |
| 11.5  | 153.7 | 65.3       | 60.4 | 56.9              | 54.9 | -    | -    | -                         | -    | -    | -    | 11.5  |
| 13.1  | 140.2 | 67.9       | 62.2 | 58.4              | 55.3 | 53.1 | -    | -                         | -    | -    | -    | 13.1  |
| 14.8  | 132.5 | 71.2       | 64.4 | 60.0              | 56.7 | 54.2 | 50.5 | -                         | -    | -    | -    | 14.8  |
| 16.4  | 121.0 | 74.7       | 66.6 | 62.2              | 56.2 | 51.1 | 47.4 | -                         | -    | -    | -    | 16.4  |
| 19.7  | 97.7  | 87.3       | 74.1 | 57.5              | 50.7 | 45.9 | 42.5 | 39.9                      | 37.9 | -    | -    | 19.7  |
| 23.0  | 81.8  | 80.2       | 78.5 | 52.7              | 46.1 | 41.7 | 38.4 | 35.9                      | 34.2 | 32.4 | -    | 23.0  |
| 26.2  | 65.9  | 66.8       | 69.9 | 48.3              | 42.1 | 37.9 | 35.1 | 32.8                      | 30.9 | 29.5 | 22.5 | 26.2  |
| 29.5  | -     | 57.5       | 59.3 | 44.8              | 38.8 | 34.8 | 32.2 | 30.0                      | 28.2 | 26.9 | 22.0 | 29.5  |
| 32.8  | -     | 50.0       | 51.6 | 41.7              | 35.9 | 32.2 | 29.5 | 27.6                      | 26.0 | 24.7 | 21.6 | 32.8  |
| 36.1  | -     | 43.7       | 44.1 | 39.0              | 33.5 | 30.0 | 27.3 | 25.6                      | 24.0 | 22.7 | 20.1 | 36.1  |
| 39.4  | -     | -          | 37.7 | 36.6              | 31.3 | 28.0 | 25.6 | 23.6                      | 22.3 | 20.9 | 18.5 | 39.4  |
| 42.6  | -     | -          | 32.6 | 32.8              | 29.3 | 26.0 | 23.8 | 22.0                      | 20.5 | 19.4 | 17.2 | 42.6  |
| 45.9  | -     | -          | 28.7 | 28.9              | 27.6 | 24.5 | 22.3 | 20.5                      | 19.2 | 18.1 | 15.9 | 45.9  |
| 49.2  | -     | -          | -    | 25.4              | 25.1 | 22.9 | 20.7 | 19.2                      | 17.9 | 17.0 | 14.8 | 49.2  |
| 52.5  | -     | -          | -    | 22.7              | 22.5 | 21.6 | 19.6 | 18.1                      | 16.8 | 15.7 | 13.9 | 52.5  |
| 55.8  | -     | -          | -    | 20.3              | 20.1 | 20.3 | 18.5 | 17.0                      | 15.4 | 14.6 | 13.0 | 55.8  |
| 59.0  | -     | -          | -    | 17.9              | 18.1 | 18.3 | 17.4 | 15.7                      | 14.6 | 13.7 | 12.3 | 59.0  |
| 62.3  | -     | -          | -    | -                 | 16.3 | 16.5 | 16.1 | 14.8                      | 13.7 | 12.8 | 11.5 | 62.3  |
| 65.6  | -     | -          | -    | -                 | 14.8 | 15.0 | 15.0 | 14.1                      | 13.0 | 12.1 | 11.0 | 65.6  |
| 68.9  | -     | -          | -    | -                 | 13.4 | 13.7 | 13.7 | 13.2                      | 12.3 | 11.5 | 10.4 | 68.9  |
| 72.2  | -     | -          | -    | -                 | -    | 12.3 | 12.6 | 12.6                      | 11.7 | 10.8 | 9.9  | 72.2  |
| 75.4  | -     | -          | -    | -                 | -    | 11.2 | 11.5 | 11.5                      | 11.0 | 10.1 | 9.3  | 75.4  |
| 78.7  | -     | -          | -    | -                 | -    | 10.4 | 10.4 | 10.4                      | 10.4 | 9.7  | 8.6  | 78.7  |
| 82.0  | -     | -          | -    | -                 | -    | -    | 9.5  | 9.5                       | 9.7  | 9.0  | 8.2  | 82.0  |
| 85.3  | -     | -          | -    | -                 | -    | -    | 8.6  | 8.8                       | 8.8  | 8.6  | 7.7  | 85.3  |
| 88.6  | -     | -          | -    | -                 | -    | -    | 7.9  | 7.9                       | 8.2  | 7.9  | 7.3  | 88.6  |
| 91.8  | -     | -          | -    | -                 | -    | -    | -    | 7.3                       | 7.3  | 7.5  | 6.2  | 91.8  |
| 95.1  | -     | -          | -    | -                 | -    | -    | -    | 6.6                       | 6.8  | 6.8  | 5.7  | 95.1  |
| 98.4  | -     | -          | -    | -                 | -    | -    | -    | 6.2                       | 6.2  | 6.2  | 5.3  | 98.4  |
| 101.7 | -     | -          | -    | -                 | -    | -    | -    | -                         | 5.7  | 5.7  | 4.6  | 101.7 |
| 105.0 | -     | -          | -    | -                 | -    | -    | -    | -                         | 5.1  | 5.1  | 4.2  | 105.0 |
| 108.2 | -     | -          | -    | -                 | -    | -    | -    | -                         | 4.6  | 4.6  | 4.0  | 108.2 |
| 111.5 | -     | -          | -    | -                 | -    | -    | -    | -                         | -    | 4.2  | 3.5  | 111.5 |
| 114.8 | -     | -          | -    | -                 | -    | -    | -    | -                         | -    | 3.7  | 3.1  | 114.8 |
| 118.1 | -     | -          | -    | -                 | -    | -    | -    | -                         | -    | 3.5  | 2.9  | 118.1 |
| 121.4 | -     | -          | -    | -                 | -    | -    | -    | -                         | -    | -    | 2.4  | 121.4 |
| 124.6 | -     | -          | -    | -                 | -    | -    | -    | -                         | -    | -    | 2.2  | 124.6 |
| 127.9 | -     | -          | -    | -                 | -    | -    | -    | -                         | -    | -    | 2.0  | 127.9 |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

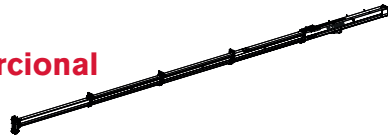
**TRT 80US**

TABLA DE CARGA

**Outriggers · Estabilizadores 50 %**

**Mode 3:**

**Proportional · Proporcional**



|       |       | 17,600 lbs |      | 24.9 ft x 11.8 ft |      | 360° |      | US STANDARD<br>ASME B30.5 |      |      |      |       |
|-------|-------|------------|------|-------------------|------|------|------|---------------------------|------|------|------|-------|
| ft    | kip   | kip        | kip  | kip               | kip  | kip  | kip  | kip                       | kip  | kip  | kip  | ft    |
| 8.2   | 160.0 | 60.6       | 57.5 | -                 | -    | -    | -    | -                         | -    | -    | -    | 8.2   |
| 9.8   | 160.0 | 62.8       | 58.6 | 55.6              | -    | -    | -    | -                         | -    | -    | -    | 9.8   |
| 11.5  | 153.7 | 65.3       | 60.4 | 56.9              | 54.9 | -    | -    | -                         | -    | -    | -    | 11.5  |
| 13.1  | 140.2 | 67.9       | 62.2 | 58.4              | 55.3 | 53.1 | -    | -                         | -    | -    | -    | 13.1  |
| 14.8  | 132.5 | 71.2       | 64.4 | 60.0              | 56.7 | 54.2 | 50.5 | -                         | -    | -    | -    | 14.8  |
| 16.4  | 106.9 | 74.7       | 66.6 | 62.2              | 56.2 | 51.1 | 47.4 | -                         | -    | -    | -    | 16.4  |
| 19.7  | 73.0  | 73.2       | 73.0 | 57.5              | 50.7 | 45.9 | 42.5 | 39.9                      | 37.9 | -    | -    | 19.7  |
| 23.0  | 54.0  | 54.5       | 54.7 | 52.7              | 46.1 | 41.7 | 38.4 | 35.9                      | 34.2 | 32.4 | -    | 23.0  |
| 26.2  | 42.3  | 42.8       | 43.0 | 43.0              | 42.1 | 37.9 | 35.1 | 32.8                      | 30.9 | 29.5 | 22.5 | 26.2  |
| 29.5  | -     | 34.6       | 34.8 | 35.1              | 35.1 | 34.8 | 32.2 | 30.0                      | 28.2 | 26.9 | 22.0 | 29.5  |
| 32.8  | -     | 28.7       | 28.9 | 29.1              | 29.1 | 29.1 | 29.1 | 27.6                      | 26.0 | 24.7 | 21.6 | 32.8  |
| 36.1  | -     | 24.0       | 24.3 | 24.5              | 24.7 | 24.7 | 24.7 | 24.7                      | 24.0 | 22.7 | 19.8 | 36.1  |
| 39.4  | -     | -          | 20.7 | 20.9              | 21.2 | 21.2 | 21.2 | 21.2                      | 21.2 | 20.9 | 18.3 | 39.4  |
| 42.6  | -     | -          | 17.9 | 18.1              | 18.3 | 18.3 | 18.3 | 18.3                      | 18.3 | 18.3 | 17.0 | 42.6  |
| 45.9  | -     | -          | 15.2 | 15.4              | 15.4 | 15.7 | 15.7 | 15.7                      | 16.1 | 16.1 | 15.7 | 45.9  |
| 49.2  | -     | -          | -    | 13.4              | 13.7 | 13.7 | 13.7 | 13.9                      | 14.1 | 13.9 | 13.9 | 49.2  |
| 52.5  | -     | -          | -    | 11.7              | 11.9 | 11.9 | 12.1 | 12.1                      | 12.1 | 12.1 | 12.1 | 52.5  |
| 55.8  | -     | -          | -    | 10.1              | 10.4 | 10.6 | 10.6 | 10.8                      | 10.8 | 10.8 | 10.8 | 55.8  |
| 59.0  | -     | -          | -    | 9.0               | 9.3  | 9.3  | 9.5  | 9.5                       | 9.5  | 9.5  | 9.5  | 59.0  |
| 62.3  | -     | -          | -    | -                 | 7.9  | 8.2  | 8.4  | 8.4                       | 8.4  | 8.4  | 8.4  | 62.3  |
| 65.6  | -     | -          | -    | -                 | 7.1  | 7.3  | 7.3  | 7.3                       | 7.5  | 7.5  | 7.5  | 65.6  |
| 68.9  | -     | -          | -    | -                 | 6.2  | 6.4  | 6.4  | 6.4                       | 6.6  | 6.6  | 6.6  | 68.9  |
| 72.2  | -     | -          | -    | -                 | -    | 5.5  | 5.5  | 5.7                       | 5.7  | 5.7  | 5.7  | 72.2  |
| 75.4  | -     | -          | -    | -                 | -    | 4.9  | 4.9  | 5.1                       | 5.1  | 5.1  | 5.1  | 75.4  |
| 78.7  | -     | -          | -    | -                 | -    | 4.2  | 4.2  | 4.4                       | 4.4  | 4.4  | 4.4  | 78.7  |
| 82.0  | -     | -          | -    | -                 | -    | -    | 3.5  | 3.7                       | 3.7  | 4.0  | 4.0  | 82.0  |
| 85.3  | -     | -          | -    | -                 | -    | -    | 3.1  | 3.1                       | 3.3  | 3.3  | 3.3  | 85.3  |
| 88.6  | -     | -          | -    | -                 | -    | -    | 2.6  | 2.6                       | 2.6  | 2.9  | 2.9  | 88.6  |
| 91.8  | -     | -          | -    | -                 | -    | -    | -    | 2.2                       | 2.2  | 2.4  | 2.4  | 91.8  |
| 95.1  | -     | -          | -    | -                 | -    | -    | -    | 1.8                       | 1.8  | 2.0  | 2.0  | 95.1  |
| 98.4  | -     | -          | -    | -                 | -    | -    | -    | 1.3                       | 1.5  | 1.5  | 1.5  | 98.4  |
| 101.7 | -     | -          | -    | -                 | -    | -    | -    | -                         | 1.1  | 1.1  | 1.1  | 101.7 |
| 105.0 | -     | -          | -    | -                 | -    | -    | -    | -                         | 0.7  | 0.9  | 0.9  | 105.0 |
| 108.2 | -     | -          | -    | -                 | -    | -    | -    | -                         | 0.4  | 0.4  | -    | 108.2 |
| 111.5 | -     | -          | -    | -                 | -    | -    | -    | -                         | -    | 0.2  | -    | 111.5 |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

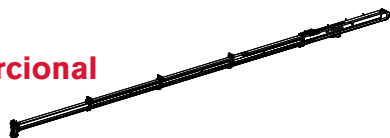
# TRT 80US

TABLA DE CARGA

Outriggers · Estabilizadores 0 %

Mode 3:

Proportional · Proporcional



17,600 lbs

24.9 ft x 8.7 ft

360°

**US STANDARD ASME B30.5**

|      | 36.7 ft | 46.9 ft | 56.7 ft | 66.9 ft | 77.1 ft | 87.2 ft | 97.4 ft | 107.6 ft | 117.8 ft | 127.9 ft | 138.1 ft |      |
|------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|------|
| ft   | kip     | kip     | kip     | kip     | kip     | kip     | kip     | kip      | kip      | kip      | kip      | ft   |
| 8.2  | 160.0   | 60.6    | 57.5    | -       | -       | -       | -       | -        | -        | -        | -        | 8.2  |
| 9.8  | 160.0   | 62.8    | 58.6    | 55.6    | -       | -       | -       | -        | -        | -        | -        | 9.8  |
| 11.5 | 72.8    | 65.3    | 60.4    | 56.9    | 54.9    | -       | -       | -        | -        | -        | -        | 11.5 |
| 13.1 | 57.8    | 58.0    | 57.8    | 57.5    | 55.3    | 53.1    | -       | -        | -        | -        | -        | 13.1 |
| 14.8 | 47.4    | 47.8    | 47.8    | 47.6    | 47.4    | 47.0    | 46.7    | -        | -        | -        | -        | 14.8 |
| 16.4 | 39.9    | 40.1    | 40.3    | 40.3    | 40.1    | 39.9    | 39.7    | -        | -        | -        | -        | 16.4 |
| 19.7 | 29.3    | 29.8    | 30.0    | 30.0    | 30.0    | 30.0    | 29.8    | 29.8     | 29.5     | -        | -        | 19.7 |
| 23.0 | 22.3    | 22.9    | 23.1    | 23.4    | 23.4    | 23.4    | 23.4    | 23.4     | 23.1     | 23.1     | -        | 23.0 |
| 26.2 | 17.0    | 18.1    | 18.3    | 18.5    | 18.7    | 18.7    | 18.7    | 18.7     | 18.7     | 18.1     | 18.1     | 26.2 |
| 29.5 | -       | 14.1    | 14.3    | 14.6    | 14.8    | 14.8    | 14.8    | 14.8     | 14.8     | 14.8     | 14.8     | 29.5 |
| 32.8 | -       | 11.2    | 11.7    | 11.9    | 12.1    | 12.1    | 12.1    | 12.3     | 12.3     | 12.3     | 12.1     | 32.8 |
| 36.1 | -       | 9.0     | 9.5     | 9.7     | 9.9     | 10.1    | 10.1    | 10.1     | 10.1     | 10.1     | 10.1     | 36.1 |
| 39.4 | -       | -       | 7.7     | 7.9     | 8.2     | 8.4     | 8.4     | 8.4      | 8.4      | 8.4      | 8.4      | 39.4 |
| 42.6 | -       | -       | 6.4     | 6.6     | 6.8     | 6.8     | 6.8     | 7.1      | 7.1      | 7.1      | 7.1      | 42.6 |
| 45.9 | -       | -       | 5.1     | 5.3     | 5.5     | 5.5     | 5.7     | 5.7      | 5.7      | 5.7      | 5.7      | 45.9 |
| 49.2 | -       | -       | -       | 4.2     | 4.4     | 4.6     | 4.6     | 4.6      | 4.9      | 4.9      | 4.9      | 49.2 |
| 52.5 | -       | -       | -       | 3.3     | 3.5     | 3.5     | 3.7     | 3.7      | 3.7      | 4.0      | 4.0      | 52.5 |
| 55.8 | -       | -       | -       | 2.4     | 2.6     | 2.9     | 2.9     | 3.1      | 3.1      | 3.1      | 3.1      | 55.8 |
| 59.0 | -       | -       | -       | 1.8     | 2.0     | 2.0     | 2.2     | 2.2      | 2.4      | 2.4      | 2.4      | 59.0 |
| 62.3 | -       | -       | -       | -       | 1.3     | 1.5     | 1.5     | 1.5      | 1.8      | 1.8      | 1.8      | 62.3 |
| 65.6 | -       | -       | -       | -       | 0.7     | 0.9     | 0.9     | 1.1      | 1.1      | 1.1      | 1.3      | 65.6 |
| 68.9 | -       | -       | -       | -       | 0.2     | 0.4     | 0.4     | 0.7      | 0.7      | 0.7      | 0.7      | 68.9 |
| 72.2 | -       | -       | -       | -       | -       | -       | -       | -        | 0.2      | 0.2      | -        | 72.2 |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

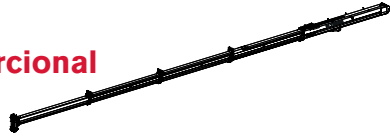
**TRT 80US**

TABLA DE CARGA

**On Tires · Sobre neumáticos**

**Mode 3:**

**Proportional · Proporcional**



|      | 17,600 lbs |         |         | 0 mph   |         |         | <b>US STANDARD ASME B30.5</b> |         |         |         |         |      |
|------|------------|---------|---------|---------|---------|---------|-------------------------------|---------|---------|---------|---------|------|
|      |            |         |         |         |         |         |                               |         |         |         |         |      |
|      | 36.7 ft    | 41.7 ft | 46.9 ft | 51.8 ft | 56.7 ft | 62.0 ft | 66.9 ft                       | 72.2 ft | 77.1 ft | 82.3 ft | 87.2 ft |      |
| ft   | kip        | kip     | kip     | kip     | kip     | kip     | kip                           | kip     | kip     | kip     | kip     | ft   |
| 11.5 | 33.7       | -       | -       | -       | -       | -       | -                             | -       | -       | -       | -       | 11.5 |
| 13.1 | 29.3       | 29.8    | -       | -       | -       | -       | -                             | -       | -       | -       | -       | 13.1 |
| 14.8 | 25.4       | 25.6    | 26.0    | -       | -       | -       | -                             | -       | -       | -       | -       | 14.8 |
| 16.4 | 22.3       | 22.7    | 22.9    | -       | -       | -       | -                             | -       | -       | -       | -       | 16.4 |
| 19.7 | 17.4       | 17.9    | 18.1    | 18.3    | 18.5    | -       | -                             | -       | -       | -       | -       | 19.7 |
| 23.0 | 13.0       | 13.4    | 13.7    | 13.9    | 14.1    | 14.1    | -                             | -       | -       | -       | -       | 23.0 |
| 26.2 | 10.4       | 10.8    | 11.0    | 11.2    | 11.5    | 11.5    | 11.5                          | 11.2    | -       | -       | -       | 26.2 |
| 29.5 | -          | 8.6     | 9.0     | 9.3     | 9.5     | 9.5     | 9.3                           | 9.3     | 9.0     | -       | -       | 29.5 |
| 32.8 | -          | 6.8     | 7.3     | 7.5     | 7.7     | 7.7     | 7.7                           | 7.7     | 7.5     | 7.5     | 7.3     | 32.8 |
| 36.1 | -          | -       | 5.7     | 6.0     | 6.2     | 6.4     | 6.4                           | 6.2     | 6.2     | 6.2     | 6.2     | 36.1 |
| 39.4 | -          | -       | -       | 4.6     | 4.9     | 5.1     | 5.1                           | 5.1     | 5.1     | 5.1     | 5.1     | 39.4 |
| 42.6 | -          | -       | -       | 3.5     | 3.7     | 4.0     | 4.2                           | 4.2     | 4.2     | 4.2     | 4.0     | 42.6 |
| 45.9 | -          | -       | -       | -       | 2.9     | 3.1     | 3.3                           | 3.3     | 3.3     | 3.3     | 3.3     | 45.9 |
| 49.2 | -          | -       | -       | -       | -       | 2.2     | 2.4                           | 2.6     | 2.6     | 2.6     | 2.6     | 49.2 |
| 52.5 | -          | -       | -       | -       | -       | 1.5     | 1.8                           | 1.8     | 2.0     | 2.0     | 2.0     | 52.5 |
| 55.8 | -          | -       | -       | -       | -       | -       | 1.1                           | 1.1     | 1.3     | 1.3     | 1.3     | 55.8 |
| 59.0 | -          | -       | -       | -       | -       | -       | -                             | 0.7     | 0.9     | 0.9     | 0.9     | 59.0 |
| 62.3 | -          | -       | -       | -       | -       | -       | -                             | -       | 0.4     | 0.4     | 0.4     | 62.3 |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# LOAD CHART – MAIN BOOM US STANDARD ASME B30.5

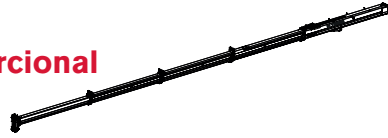
TRT 80US

TABLA DE CARGA

On Tires · Sobre neumáticos

Mode 3:

Proportional · Proporcional



| 17,600 lbs |         |         |         |         |         |         |         |         |         |         |         |      | 1.2 mph |  | US STANDARD ASME B30.5 |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|---------|--|------------------------|
| ft         | 36.7 ft | 41.7 ft | 46.9 ft | 51.8 ft | 56.7 ft | 62.0 ft | 66.9 ft | 72.2 ft | 77.1 ft | 82.3 ft | 87.2 ft | ft   |         |  |                        |
| kip        | kip     | kip     | kip     | kip     | kip     | kip     | kip     | kip     | kip     | kip     | kip     | kip  |         |  |                        |
| 8.2        | 37.9    | 37.5    | 37.7    | 37.9    | 37.9    | 38.1    | -       | -       | -       | -       | -       | 8.2  |         |  |                        |
| 9.8        | 33.1    | 32.8    | 33.1    | 33.3    | 33.3    | 33.5    | 33.5    | 33.7    | -       | -       | -       | 9.8  |         |  |                        |
| 11.5       | 29.3    | 29.1    | 29.1    | 29.3    | 29.5    | 29.5    | 29.8    | 29.8    | 30.0    | 30.2    | -       | 11.5 |         |  |                        |
| 13.1       | 25.8    | 25.8    | 26.0    | 26.2    | 26.2    | 26.5    | 26.5    | 26.7    | 26.9    | 26.9    | 26.9    | 13.1 |         |  |                        |
| 14.8       | 22.9    | 23.1    | 23.4    | 23.4    | 23.6    | 23.6    | 23.8    | 23.8    | 24.0    | 24.3    | 24.3    | 14.8 |         |  |                        |
| 16.4       | 20.5    | 20.7    | 20.9    | 20.9    | 21.2    | 21.4    | 21.4    | 21.6    | 21.8    | 21.8    | 21.8    | 16.4 |         |  |                        |
| 19.7       | 16.5    | 16.8    | 17.0    | 17.2    | 17.2    | 17.4    | 17.4    | 17.6    | 17.9    | 17.9    | 17.9    | 19.7 |         |  |                        |
| 23.0       | 13.4    | 13.7    | 13.9    | 14.1    | 14.3    | 14.3    | 14.6    | 14.6    | 14.6    | 14.6    | 14.8    | 23.0 |         |  |                        |
| 26.2       | 10.8    | 11.0    | 11.5    | 11.7    | 11.7    | 11.9    | 11.9    | 12.1    | 12.1    | 12.3    | 12.3    | 26.2 |         |  |                        |
| 29.5       | -       | 9.0     | 9.5     | 9.7     | 9.7     | 9.9     | 9.9     | 10.1    | 10.1    | 10.4    | 10.4    | 29.5 |         |  |                        |
| 32.8       | -       | 7.5     | 7.7     | 7.9     | 8.2     | 8.4     | 8.4     | 8.6     | 8.6     | 8.6     | 8.8     | 32.8 |         |  |                        |
| 36.1       | -       | -       | 6.0     | 6.2     | 6.4     | 6.6     | 6.6     | 6.8     | 6.8     | 6.8     | 6.8     | 36.1 |         |  |                        |
| 39.4       | -       | -       | -       | 5.1     | 5.3     | 5.3     | 5.5     | 5.5     | 5.7     | 5.7     | 5.7     | 39.4 |         |  |                        |
| 42.6       | -       | -       | -       | 4.0     | 4.2     | 4.4     | 4.4     | 4.6     | 4.6     | 4.9     | 4.9     | 42.6 |         |  |                        |
| 45.9       | -       | -       | -       | -       | 3.3     | 3.5     | 3.5     | 3.7     | 3.7     | 4.0     | 4.0     | 45.9 |         |  |                        |
| 49.2       | -       | -       | -       | -       | -       | 2.6     | 2.9     | 2.9     | 3.1     | 3.1     | 3.3     | 49.2 |         |  |                        |
| 52.5       | -       | -       | -       | -       | -       | 2.0     | 2.2     | 2.2     | 2.4     | 2.4     | 2.4     | 52.5 |         |  |                        |
| 55.8       | -       | -       | -       | -       | -       | -       | 1.5     | 1.5     | 1.8     | 1.8     | 2.0     | 55.8 |         |  |                        |
| 59.0       | -       | -       | -       | -       | -       | -       | 0.9     | 1.1     | 1.1     | 1.3     | 1.3     | 59.0 |         |  |                        |
| 62.3       | -       | -       | -       | -       | -       | -       | -       | 0.4     | 0.7     | 0.9     | 0.9     | 62.3 |         |  |                        |
| 65.6       | -       | -       | -       | -       | -       | -       | -       | -       | 0.2     | 0.2     | 0.4     | 65.6 |         |  |                        |

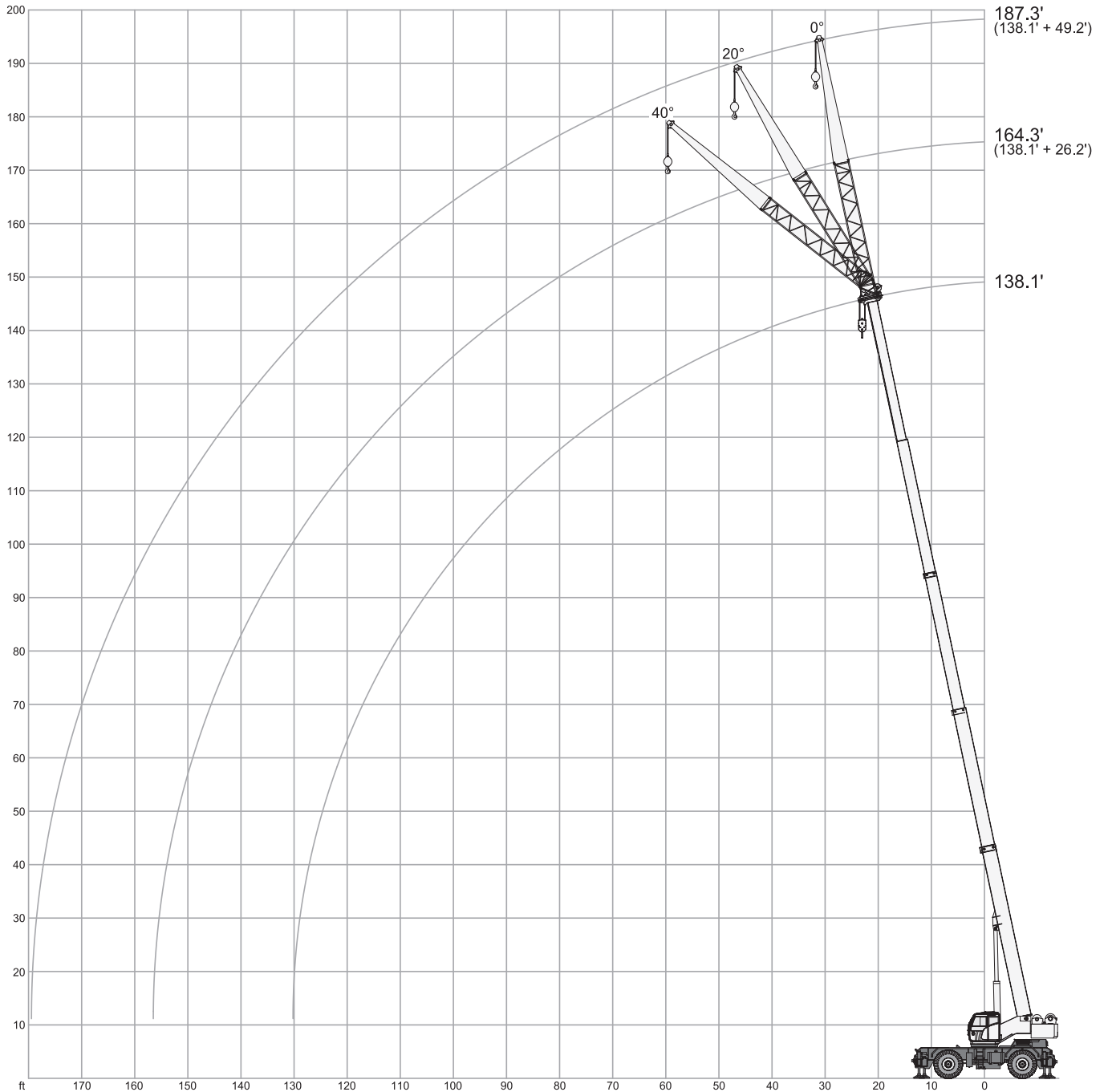
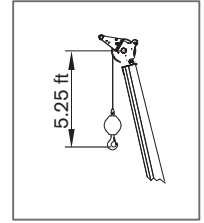
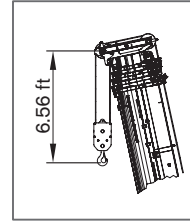
It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.

Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# RANGE GRAPH - JIB

DIAGRAMA DE CARGA

**TRT 80US**



# LOAD CHART – JIB US STANDARD ASME B30.5

**TRT 80US**

TABLA DE CARGA

**Outriggers · Estabilizadores 100 %**

|       |         | 17,600 lbs |     |          | 24.9 ft x 26.2 ft |     |     | 360°  |  | US STANDARD<br>ASME B30.5 |  |
|-------|---------|------------|-----|----------|-------------------|-----|-----|-------|--|---------------------------|--|
| ft    | 26.2 ft |            |     | 138.1 ft | 49.2 ft           |     |     | ft    |  |                           |  |
|       | 0°      | 20°        | 40° |          | 0°                | 20° | 40° |       |  |                           |  |
|       | kip     | kip        | kip |          | kip               | kip | kip |       |  |                           |  |
| 39.4  | 11.9    | -          | -   |          | -                 | -   | -   | 39.4  |  |                           |  |
| 42.6  | 11.5    | -          | -   |          | 7.1               | -   | -   | 42.6  |  |                           |  |
| 45.9  | 11.2    | 9.3        | -   |          | 7.1               | -   | -   | 45.9  |  |                           |  |
| 49.2  | 11.0    | 9.0        | -   |          | 7.1               | -   | -   | 49.2  |  |                           |  |
| 52.5  | 10.4    | 8.6        | 7.5 |          | 7.1               | -   | -   | 52.5  |  |                           |  |
| 55.8  | 9.7     | 8.4        | 7.3 |          | 6.6               | 5.3 | -   | 55.8  |  |                           |  |
| 59.0  | 9.0     | 8.2        | 7.1 |          | 6.6               | 5.1 | -   | 59.0  |  |                           |  |
| 62.3  | 8.6     | 7.9        | 6.8 |          | 6.6               | 4.9 | -   | 62.3  |  |                           |  |
| 65.6  | 7.9     | 7.7        | 6.6 |          | 6.4               | 4.6 | -   | 65.6  |  |                           |  |
| 68.9  | 7.5     | 7.3        | 6.4 |          | 6.2               | 4.6 | -   | 68.9  |  |                           |  |
| 72.2  | 7.1     | 6.8        | 6.2 |          | 6.0               | 4.4 | 4.0 | 72.2  |  |                           |  |
| 75.4  | 6.6     | 6.4        | 6.0 |          | 5.7               | 4.4 | 3.7 | 75.4  |  |                           |  |
| 78.7  | 6.2     | 6.2        | 5.7 |          | 5.5               | 4.2 | 3.7 | 78.7  |  |                           |  |
| 82.0  | 5.7     | 5.7        | 5.5 |          | 5.1               | 4.2 | 3.5 | 82.0  |  |                           |  |
| 85.3  | 5.3     | 5.3        | 5.3 |          | 4.9               | 4.0 | 3.5 | 85.3  |  |                           |  |
| 88.6  | 4.9     | 4.9        | 5.1 |          | 4.4               | 4.0 | 3.5 | 88.6  |  |                           |  |
| 91.8  | 4.4     | 4.6        | 4.6 |          | 4.2               | 3.7 | 3.5 | 91.8  |  |                           |  |
| 95.1  | 4.2     | 4.4        | 4.4 |          | 4.0               | 3.7 | 3.3 | 95.1  |  |                           |  |
| 98.4  | 3.7     | 4.0        | 4.2 |          | 3.7               | 3.7 | 3.3 | 98.4  |  |                           |  |
| 101.7 | 3.3     | 3.7        | 4.0 |          | 3.5               | 3.5 | 3.3 | 101.7 |  |                           |  |
| 105.0 | 3.1     | 3.5        | 3.5 |          | 3.1               | 3.3 | 3.3 | 105.0 |  |                           |  |
| 108.2 | 2.9     | 3.1        | 3.3 |          | 2.9               | 3.1 | 3.1 | 108.2 |  |                           |  |
| 111.5 | 2.6     | 2.9        | 3.1 |          | 2.6               | 2.9 | 3.1 | 111.5 |  |                           |  |
| 114.8 | 2.4     | 2.6        | 2.6 |          | 2.4               | 2.6 | 2.9 | 114.8 |  |                           |  |
| 118.1 | 2.2     | 2.4        | 2.4 |          | 2.2               | 2.4 | 2.6 | 118.1 |  |                           |  |
| 121.4 | 2.0     | 2.2        | 2.2 |          | 2.0               | 2.2 | 2.4 | 121.4 |  |                           |  |
| 124.6 | 1.8     | 2.0        | 2.0 |          | 1.8               | 2.2 | 2.2 | 124.6 |  |                           |  |
| 127.9 | 1.5     | 1.8        | 1.8 |          | 1.5               | 2.0 | 2.2 | 127.9 |  |                           |  |
| 131.2 | 1.3     | 1.5        | 1.5 |          | 1.3               | 1.8 | 2.0 | 131.2 |  |                           |  |
| 134.5 | 1.1     | 1.1        | 1.3 |          | 1.1               | 1.5 | 1.8 | 134.5 |  |                           |  |
| 137.8 | 0.9     | 0.9        | 0.9 |          | 1.1               | 1.3 | 1.5 | 137.8 |  |                           |  |
| 141.0 | 0.7     | 0.7        | 0.7 |          | 0.9               | 1.1 | 1.3 | 141.0 |  |                           |  |
| 144.3 | 0.4     | 0.4        | 0.4 |          | 0.7               | 0.9 | 1.1 | 144.3 |  |                           |  |
| 147.6 | -       | -          | -   |          | 0.4               | 0.7 | 0.9 | 147.6 |  |                           |  |
| 150.9 | -       | -          | -   |          | -                 | 0.4 | 0.7 | 150.9 |  |                           |  |
| 154.2 | -       | -          | -   |          | -                 | -   | 0.4 | 154.2 |  |                           |  |

It is possible to reduce the counterweight up to 7,700 lbs in order to reduce overall crane weight. Load charts with 7,700 lbs counterweight are available on request.






Es posible reducir el contrapeso hasta 7,700 libras para reducir el peso total de la grúa. Las tablas de carga con contrapeso de 7,700 libras están disponibles a pedido.

# TECHNICAL SPECIFICATIONS







# TRT 80US

## ESPECIFICACIÓN TÉCNICA




### Boom · Pluma

|   |   |                    |
|---|---|--------------------|
|  | <b>5 sections</b> · 5 secciones   |                    |
|  | <b>Three modes</b> · Tres modos   |                    |
|  | <b>Min. / Max.</b> · Min. / Máx.  | 36.7 ft / 138.1 ft |
|  | <b>Max. main boom</b> · Máx. pluma principal  | 147.6 ft           |
|  | <b>Boom luffing angle range (min. / max.)</b> · Ángulos de elevación de la pluma (min. / máx.)                      | -2° / +78°         |
|   | <b>Boom raising / lowering time<sup>(1)</sup></b> · Tiempo de elevación / descenso de la pluma <sup>(1)</sup>       | 70 s / 60 s        |
|   | <b>Boom extension / retraction time<sup>(1)</sup></b> · Tiempo de extensión / retracción de la pluma <sup>(1)</sup> | 90 s / 140 s       |

### Hoist · Cabrestante

|   |   |             |
|---|---|-------------|
|    | <b>Hydraulic motor</b> · Motor hidráulico<br><b>Rope roller device</b> · Sistema de tensado de cable<br><b>Normally engaged brake</b> · Freno activado en estado normal |             |
|  | <b>2 speeds</b> · 2 velocidades   |             |
|   | <b>Max.<sup>(1)</sup> · Máx.<sup>(1)</sup></b>  | 338 ft/min. |
|  | <b>Rotational resistant</b> · Antirotación  |             |
|  |   | 3/4"        |
|  |   | 722 ft      |
|  | <b>Permissible line pull</b> · Tracción de cable admisible  | 15,062 lbs  |

### Upper Structure · Superestructura

|   |  |       |
|---|--|-------|
|  | <b>Modular counterweight. 2 configurations</b> · Contrapeso modular. 2 configuraciones   |       |
|   | <ul style="list-style-type: none"> <li>- <b>Light counterweight (with dedicated load chart)</b> · Contrapeso ligero (con tabla de carga dedicada) 7,700 lbs</li> <li>- <b>Full counterweight 7,700 lbs + 2 x 4,950 lbs</b> · Contrapeso completo 7,700 lbs + 2 x 4,950 lbs 17,600 lbs</li> </ul> |       |
|  | <b>Non stop</b> · Sin fin  | 360°  |
|   | <b>Maximum speed<sup>(1)</sup></b> · Velocidad máxima <sup>(1)</sup>   | 1 rpm |
|  | <b>Hydraulic motor</b> · Motor hidráulico  |       |
|   | <b>Planetary reducer</b> · Reductor planetario   |       |



# TECHNICAL SPECIFICATIONS

TRT 80US

## ESPECIFICACIÓN TÉCNICA

### Cab and Controls · Cabina y controles



#### S-pace cab:

- Sliding door** · Puerta deslizante
- Wide visibility** · Amplia visibilidad
- Front and upper window with windscreen wiper** · Luna frontal y superior con limpiaparabrisas
- Upper windows can be opened** · Lunas superiores con apertura
- Tiltable cab up to 17°** · Cabina abatible hasta 17°
- Fully adjustable seat onto shockproof suspensions** · Asiento totalmente ajustable con suspensión anti-impacto
- Equipped with tiltable arm rests with integrated hand controls for crane operation** · Equipado con apoyabrazos abatible con controles integrados para operación de grúa
- Emergency engine stop** · Parada de emergencia del motor
- Radio with CD player and USB port** · Radio con reproductor de CD y puerto usb
- Seat belts** · Cinturones de seguridad



- Climatized cab** · Cabina climatizada
- Air-conditioning** · Climatización



- TEOS – Terex Operating System. Electronic control with 10" touch screen display** · TEOS – Sistema Operativo Terex. Control electrónico con pantalla táctil de 10"
- Electro-proportional joysticks** · Joystick electroproporcionados



- Adjustable working LED light outside the cab (3 lights)** · Luz de trabajo LED ajustable en el exterior de la cabina (3 luces)



- T-LINK Telematics** · Sistema telemático T-LINK

### Carrier · Chasis



#### Cummins QSB6.7 – Tier 4f · Cummins QSB6.7 – Tier 4f

- No. of cylinders** · Nº cilindros 6
- Rated power** · Potencia nominal 225 hp @ 2200 rpm
- Maximum gross torque** · Par de fuerza máx. 875 lbs/ft @ 1300 rpm
- Fuel tank capacity** · Volumen depósito combustible 66 gallons
- Diesel Exhaust Fluid (DEF)** · Fluido para descarga de diesel (DEF) 10 gallons



- 4 wheel drive permanent** · Tracción a 4 ruedas permanente






- Front wheel steering** · Dirección en las ruedas delanteras
- Rear wheel steering** · Dirección en las ruedas traseras
- Four wheel steering concentric** · Dirección en las cuatro ruedas, concéntrica
- Four wheel steering crab** · Dirección en las cuatro ruedas, modo cangrejo

# TECHNICAL SPECIFICATIONS

# TRT 80US


## ESPECIFICACIÓN TÉCNICA

|   |   |      |
|---|---|------|
|  | <b>One triple pump: first section piston pump, second and third gear pumps ·</b><br>Una bomba triple: bomba de pistón en primera sección, bombas de engranajes en segunda y tercera |      |
|  | <b>Electric circuit with two batteries 12 V / 140 Ah ·</b> Circuito eléctrico con dos baterías 12 V / 140 Ah  | 24 V |
|  | <b>Rear axle differential lock ·</b> Bloqueo diferencial eje trasero  |      |





## Vehicle Performance · Prestaciones del vehículo

|   |                                  |                |
|---|----------------------------------|----------------|
|  | <b>Max.(2) · Máx.(2)</b>         | > 76 %         |
|  | <b>Max.(2) · Máx.(2)</b>         | 18 mph         |
|  | <b>Min. / Max. · Min. / Máx.</b> | -4° F / 113° F |

## Tires · Neumáticos

|  |   |      |
|--|---|------|
|  | <b>Earth moving style ·</b> Para movimiento de tierra | 26.5 |
|--|---|------|









## Options · Opciones

|   |   |                                     |
|---|---|-------------------------------------|
|  | <b>Single sheave ·</b> Una polea  |                                     |
|  | <b>2-section jib ·</b> Jib de 2-secciones:<br><b>Side stowable ·</b> Almacenable lateralmente<br><b>Angular offsets ·</b> Inclinación                                   | 26.2 ft / 49.2 ft<br>0° / 20° / 40° |
|   | <b>Cameras ·</b> Cámaras<br><b>Radio remote controller ·</b> Mando a distancia por radio  |                                     |
|  | <b>Hydraulic motor ·</b> Motor hidráulico<br><b>Rope roller device ·</b> Sistema de tensado de cable<br><b>Normally engaged brake ·</b> Freno activado en estado normal |                                     |
|  | <b>2 speeds ·</b> 2 velocidades<br><b>Max.(1) · Máx.(1)</b>   | 338 ft/min.                         |

# TECHNICAL SPECIFICATIONS

**TRT 80US**









## ESPECIFICACIÓN TÉCNICA

|  |  |                       |
|--|--|-----------------------|
|   | <b>Rotational resistant</b> · Antirotación   |                       |
|   |  | 3/4"                  |
|   |  | 722 ft                |
|   | <b>Permissible line pull</b> · Tracción de cable admisible                               | 15,062 lbs            |
|   | <b>Outrigger control from the ground</b> · Control externo de los apoyos estabilizadores |                       |
|   | <b>Cummins QSB6.7 Stage IIIA – Tier 3</b> · Cummins QSB6.7 Stage IIIA – Tier 3           |                       |
|  | <b>No. of cylinders</b> · N <sup>o</sup> cilindros                                       | 6                     |
|  | <b>Rated power</b> · Potencia nominal  | 220 hp @ 2200 rpm     |
|  | <b>Maximum gross torque</b> · Par de fuerza máx.   | 700 lbs/ft @ 1500 rpm |
|  | <b>Fuel tank capacity</b> · Volumen depósito combustible                                 | 66 gallons            |
|   | <b>Kit for engine pre-warming</b> · Kit de precalentamiento del motor                    |                       |
|   | <b>Earth moving style</b> · Para movimiento de tierra                                    |                       |
|  | <b>Spare wheel</b> · Rueda de repuesto   | 23.5                  |
| <b>Emergency engine stop on carrier</b> · Parada de emergencia del motor en el chasis  |  |                       |
| <b>Spark arrestor on exhaust pipe muffler</b> · Parachispas en el silenciador del tubo de escape   |  |                       |
| <b>Anemometer</b> · Anemómetro   |  |                       |
| <b>Rear towing hook</b> · Eganche de remolque  |  |                       |
| <b>Wooden box for cab protection in sea shipment</b> · Caja de madera para proteger la cabina para el transporte marítimo  |  |                       |
| <b>Removable parts disassembling and put into wooden box tied to the crane</b> · Desmontaje de las piezas desmontables y colocación en caja de madera fijada a la grúa |  |                       |
| <b>Anti-corrosive protective waxing for sea shipping</b> · Aplicación de cera de protección para el transporte marítimo  |  |                       |
| <b>Special customer paint of all boom elements</b> · Pintura especial en todas las secciones de la pluma   |  |                       |
| <b>Special heavy painting suitable for corrosive environments</b> · Pintura especial para ambientes corrosivos   |  |                       |

# TECHNICAL SPECIFICATIONS

**TRT 80US**

## ESPECIFICACIÓN TÉCNICA

|    |   |   |   |   |   |   |          | Standard | Optional |
|---|---|---|---|---|---|---|----------|----------|----------|
|  t |  |  |  |  |  |  | Estándar | Opcional |          |
| 80 USt  | 6   | 12  | •   |   |   | •   | •        |          |          |
| 80 USt  | 6   | 12  | •   |   | •   |   |          | •        |          |
| 22 USt  | 1   | 3   | •   | •   |   | •   |          | •        |          |
| 11 USt  | 0   | 1   | •   | •   |   | •   |          | •        |          |

# NOTES TO LIFTING CAPACITY

**TRT 80US**

## NOTAS SOBRE LA CAPACIDAD DE ELEVACIÓN

**Weight of hook blocks and slings is considered part of the load and must be subtracted from the capacity ratings. Consult operation manual for further details.**

**Note: Data published herein is intended as a guideline only and shall not be construed to warrant applicability for lifting purposes. For actual crane operation refer to the computer charts and the operating manual, both of which are supplied with the crane.**

Los pesos de los ganchos y las eslingas se consideran parte de la carga y tienen que ser restados de las capacidades nominales. Consulte el manual de instrucciones para más detalles.

Nota: Los datos publicados se proporcionan a título informativo, por tanto, no se consideraran vinculantes a los efectos de la garantía de la capacidad de elevación.

Para operar la grúa deben cumplirse las tablas originales y el manual de instrucciones suministrados con la grúa.

Lined area for notes.

A large rectangular area with horizontal lines, intended for taking notes. The lines are evenly spaced and cover the majority of the page's width and height.

## TEREX ROUGH TERRAIN CRANES

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Brochure Reference: RT-DS-I-E/S-TRT80US-01/23



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