### Terex BT4792 Boom Truck

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Boom Length:</td>
<td>92 ft (28.0 m)</td>
</tr>
<tr>
<td>Number of Boom Sections:</td>
<td>4</td>
</tr>
<tr>
<td>Available Jib Length:</td>
<td>44 ft (13.41 m)</td>
</tr>
<tr>
<td>Maximum Tip Height with Jib:</td>
<td>144 ft (43.90 m)</td>
</tr>
<tr>
<td>Swing 1 Rotation (sec):</td>
<td>75</td>
</tr>
<tr>
<td>Boom up / down (sec):</td>
<td>41/30</td>
</tr>
<tr>
<td>Boom Extension / Retract (sec):</td>
<td>80/36</td>
</tr>
<tr>
<td>Chassis:</td>
<td>2004 Sterling LT7501</td>
</tr>
<tr>
<td>Combined Axle Weight:</td>
<td>60,000 lb (27 210 kg)</td>
</tr>
<tr>
<td>Front Axle Weight:</td>
<td>20,000 lb (9 067 kg)</td>
</tr>
<tr>
<td>Rear Axle Weight:</td>
<td>40,000 lb (18 144 kg)</td>
</tr>
<tr>
<td>Standard Engine Type:</td>
<td>Caterpillar C-7 7.2L I-6</td>
</tr>
<tr>
<td>Standard Horsepower:</td>
<td>300 hp @ 2,200 rpm</td>
</tr>
<tr>
<td>Engine Transmissions:</td>
<td>Eaton Fuller RT-8908LL</td>
</tr>
<tr>
<td>Overall Length:</td>
<td>38 ft (5.14 m)</td>
</tr>
<tr>
<td>Overall Width:</td>
<td>8 ft (2.44 m)</td>
</tr>
<tr>
<td>Overall Height:</td>
<td>13 ft 2 in (4.1 m)</td>
</tr>
<tr>
<td>Weight Crane + Vehicle:</td>
<td>41,732 lb (18 929 kg)</td>
</tr>
<tr>
<td>(Assumes Std Chassis)</td>
<td></td>
</tr>
<tr>
<td>Weight Crane Only:</td>
<td>25,172 lb (11 418 kg)</td>
</tr>
</tbody>
</table>
STINGER 4792 | Boom Truck Crane

**FEATURES**

- 47,000 lb (21,319 kg) maximum lifting capacity
- 101' (30.78 m) maximum sheave height
- 144' (43.89 m) maximum sheave height with 26-44' (7.92-13.41 m) jib
- 29-92' (8.84-28.04 m) four-section full power fully synchronized boom
- Exclusive color coded boom and load charts
- Easy-to-install optional 26' (7.92 m) one stage or 26-44' (7.92-13.41 m) two stage telescoping jib, man baskets or work platform increase job capacities
- Electronic Load Moment Indicator and anti-two-block device standard
- Externally located planetary rotation drive for easy accessibility for maintenance
- 2-speed planetary winch has 10,500 lb (4,703 kg) maximum permissible 1 part line, 37,000 lb (16,783 kg) breaking strength, 186 ft/min (57 m/min) maximum line speed
- Dual control station with direct mechanically controlled hydraulic system
- 90 gal (342 L) capacity hydraulic tank
# LOAD RATINGS

**CAUTION**: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change.

### BOOM LENGTH

<table>
<thead>
<tr>
<th>OPERATING RADIUS (FT)</th>
<th>29 FT</th>
<th>44 FT</th>
<th>57 FT</th>
<th>71 FT</th>
<th>84 FT</th>
<th>92 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOAD RATING (LB)</td>
<td>LOAD RATING (LB)</td>
<td>LOAD RATING (LB)</td>
<td>LOAD RATING (LB)</td>
<td>LOAD RATING (LB)</td>
<td>LOAD RATING (LB)</td>
<td>LOAD RATING (LB)</td>
</tr>
<tr>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
</tr>
<tr>
<td>5</td>
<td>78</td>
<td>47,000*</td>
<td>78</td>
<td>20,300*</td>
<td>78</td>
<td>18,400*</td>
</tr>
<tr>
<td>8</td>
<td>71</td>
<td>36,800*</td>
<td>78</td>
<td>14,000*</td>
<td>78</td>
<td>12,300*</td>
</tr>
<tr>
<td>10</td>
<td>67</td>
<td>30,900*</td>
<td>75</td>
<td>8,425*</td>
<td>74</td>
<td>6,725*</td>
</tr>
<tr>
<td>12</td>
<td>62</td>
<td>26,100*</td>
<td>73</td>
<td>4,625*</td>
<td>72</td>
<td>3,725*</td>
</tr>
<tr>
<td>14</td>
<td>58</td>
<td>21,900*</td>
<td>72</td>
<td>3,225*</td>
<td>72</td>
<td>2,825*</td>
</tr>
<tr>
<td>16</td>
<td>53</td>
<td>18,800*</td>
<td>71</td>
<td>2,825*</td>
<td>71</td>
<td>2,525*</td>
</tr>
<tr>
<td>20</td>
<td>41</td>
<td>14,200*</td>
<td>70</td>
<td>2,025*</td>
<td>70</td>
<td>1,825*</td>
</tr>
<tr>
<td>25</td>
<td>21</td>
<td>10,400*</td>
<td>68</td>
<td>1,600*</td>
<td>68</td>
<td>1,425*</td>
</tr>
<tr>
<td>30</td>
<td>18</td>
<td>8,625*</td>
<td>66</td>
<td>1,225*</td>
<td>66</td>
<td>1,025*</td>
</tr>
<tr>
<td>35</td>
<td>16</td>
<td>6,925*</td>
<td>64</td>
<td>1,025*</td>
<td>64</td>
<td>825*</td>
</tr>
<tr>
<td>40</td>
<td>14</td>
<td>5,225*</td>
<td>62</td>
<td>825*</td>
<td>62</td>
<td>625*</td>
</tr>
<tr>
<td>45</td>
<td>12</td>
<td>4,625*</td>
<td>60</td>
<td>625*</td>
<td>60</td>
<td>425*</td>
</tr>
<tr>
<td>50</td>
<td>10</td>
<td>3,725*</td>
<td>58</td>
<td>425*</td>
<td>58</td>
<td>225*</td>
</tr>
<tr>
<td>55</td>
<td>8</td>
<td>3,025*</td>
<td>56</td>
<td>325*</td>
<td>56</td>
<td>225*</td>
</tr>
<tr>
<td>60</td>
<td>6</td>
<td>2,425*</td>
<td>54</td>
<td>2,025*</td>
<td>54</td>
<td>1,225*</td>
</tr>
<tr>
<td>65</td>
<td>4</td>
<td>1,825*</td>
<td>52</td>
<td>1,625*</td>
<td>52</td>
<td>1,225*</td>
</tr>
<tr>
<td>70</td>
<td>3</td>
<td>1,225*</td>
<td>50</td>
<td>1,325*</td>
<td>50</td>
<td>1,025*</td>
</tr>
<tr>
<td>75</td>
<td>2</td>
<td>825*</td>
<td>48</td>
<td>1,025*</td>
<td>48</td>
<td>725*</td>
</tr>
<tr>
<td>80</td>
<td>1</td>
<td>625*</td>
<td>46</td>
<td>825*</td>
<td>46</td>
<td>625*</td>
</tr>
</tbody>
</table>

**NOTE**: Structural strength ratings in chart are indicated with an asterisk *.

### STOWED JIB DEDUCTIONS (POUNDS)

<table>
<thead>
<tr>
<th>AREA OF OPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>700</td>
</tr>
<tr>
<td>500</td>
</tr>
<tr>
<td>350</td>
</tr>
<tr>
<td>300</td>
</tr>
<tr>
<td>250</td>
</tr>
<tr>
<td>200</td>
</tr>
</tbody>
</table>

### JIB CAPACITIES FOR ALL BOOM LENGTHS

<table>
<thead>
<tr>
<th>LOADED ANGLE</th>
<th>50°</th>
<th>55°</th>
<th>60°</th>
<th>65°</th>
<th>70°</th>
<th>75°</th>
<th>80°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loaded Boom</td>
<td>725</td>
<td>1,025</td>
<td>1,525</td>
<td>2,325</td>
<td>3,225</td>
<td>4,325</td>
<td>4,925</td>
</tr>
<tr>
<td>Retracted 26 ft Jib</td>
<td>725</td>
<td>1,025</td>
<td>1,525</td>
<td>2,325</td>
<td>3,225</td>
<td>4,325</td>
<td>4,925</td>
</tr>
<tr>
<td>Extended 44 ft Jib</td>
<td>425</td>
<td>725</td>
<td>1,125</td>
<td>1,525</td>
<td>2,025</td>
<td>2,525</td>
<td>2,825</td>
</tr>
</tbody>
</table>

### GENERAL NOTES

1. The operator must read and understand the Owner’s Manual before operating this crane.
2. Positioning or operation of crane beyond areas shown on this chart is not intended or approved except where specified in Owner’s Manual.
3. Loaded boom angles at specified boom lengths give only an approximation of the operating radius. The boom angle before loading should be greater to account for deflections. Do not exceed the operating radius for rated loads.
4. Use rating of next longer boom for boom lengths not shown. Use rating of next greater radius for load radii not shown.
5. Boom must be fully retracted when jib is erected before lowering below minimum angle. Retracted jib has no lifting capacity below a 50° boom angle.
6. Use rating of next lower boom angle for boom angles not shown on jib load rating chart.
7. Lift off the main boom point while the swing around jib is erected.
8. Do not lower boom into this area, as hydraulic pressure will not allow raising the boom without retracting boom first.
9. Crane load ratings on outriggers are based on outriggers and stabilizers extended and set with all load removed from the carrier wheels.
10. Practical working loads depend on supporting surface, wind and other factors affecting stability such as hazardous surroundings, experience of personnel, and proper handling, must all be taken into account by the operator.
11. The maximum load which may be telescoped is limited by hydraulic pressure, boom angle, and boom lubrication. It is unsafe to attempt to telescope any load within the limits of the load rating chart.

### INFORMATION

1. Deductions must be made from rated loads for stowed jib, optional attachments, hooks and load blocks (see deduction chart). Weights of slings and other load handling devices shall be considered a part of the load.
2. Load ratings with outriggers are based on outriggers and stabilizers extended and set with all load removed from the carrier wheels.
3. Load ratings do not exceed 85% of tipping load.

### DEFINITIONS

1. Operating radius is the horizontal distance from the axis of rotation to the center of the vertical hoist line or load hook with load suspended.
2. Loaded boom angle as shown in the Load Ratings Chart is the included angle between the horizontal and longitudinal axes of the boom base after lifting rated load at rated radius.
### LOAD RATINGS

<table>
<thead>
<tr>
<th>OPERATING RADIUS (FT)</th>
<th>29 FT</th>
<th>44 FT</th>
<th>57 FT</th>
<th>71 FT</th>
<th>84 FT</th>
<th>92 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOAD RATING (LB)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOAD RATING (LB)</td>
<td>LOADED BOOM ANGLE (DEG)</td>
<td>LOAD RATING (LB)</td>
</tr>
<tr>
<td>5</td>
<td>78</td>
<td>47,000*</td>
<td>78</td>
<td>20,300*</td>
<td>79</td>
<td>18,400*</td>
</tr>
<tr>
<td>8</td>
<td>71</td>
<td>36,800*</td>
<td>78</td>
<td>20,300*</td>
<td>77</td>
<td>17,400*</td>
</tr>
<tr>
<td>10</td>
<td>67</td>
<td>47,000*</td>
<td>67</td>
<td>19,400*</td>
<td>76</td>
<td>15,800*</td>
</tr>
<tr>
<td>12</td>
<td>62</td>
<td>47,000*</td>
<td>62</td>
<td>17,300*</td>
<td>74</td>
<td>14,000*</td>
</tr>
<tr>
<td>14</td>
<td>58</td>
<td>47,000*</td>
<td>58</td>
<td>15,700*</td>
<td>73</td>
<td>12,300*</td>
</tr>
<tr>
<td>16</td>
<td>53</td>
<td>47,000*</td>
<td>53</td>
<td>14,000*</td>
<td>72</td>
<td>10,900*</td>
</tr>
<tr>
<td>20</td>
<td>41</td>
<td>47,000*</td>
<td>41</td>
<td>12,300*</td>
<td>70</td>
<td>8,925*</td>
</tr>
<tr>
<td>25</td>
<td>21</td>
<td>47,000*</td>
<td>21</td>
<td>10,400*</td>
<td>68</td>
<td>7,425*</td>
</tr>
<tr>
<td>30</td>
<td>15</td>
<td>47,000*</td>
<td>15</td>
<td>8,625*</td>
<td>67</td>
<td>5,625*</td>
</tr>
<tr>
<td>35</td>
<td>10</td>
<td>47,000*</td>
<td>10</td>
<td>6,925*</td>
<td>66</td>
<td>4,625*</td>
</tr>
<tr>
<td>40</td>
<td>6</td>
<td>47,000*</td>
<td>6</td>
<td>5,225*</td>
<td>65</td>
<td>3,725*</td>
</tr>
<tr>
<td>45</td>
<td>4</td>
<td>47,000*</td>
<td>4</td>
<td>3,825*</td>
<td>64</td>
<td>2,425*</td>
</tr>
<tr>
<td>50</td>
<td>1</td>
<td>47,000*</td>
<td>1</td>
<td>1,225*</td>
<td>63</td>
<td>1,225*</td>
</tr>
<tr>
<td>55</td>
<td>0</td>
<td>47,000*</td>
<td>0</td>
<td>525*</td>
<td>62</td>
<td>1,225*</td>
</tr>
<tr>
<td>60</td>
<td>0</td>
<td>47,000*</td>
<td>0</td>
<td>625*</td>
<td>61</td>
<td>525*</td>
</tr>
<tr>
<td>65</td>
<td>0</td>
<td>47,000*</td>
<td>0</td>
<td>725*</td>
<td>60</td>
<td>425*</td>
</tr>
<tr>
<td>70</td>
<td>0</td>
<td>47,000*</td>
<td>0</td>
<td>825*</td>
<td>59</td>
<td>325*</td>
</tr>
<tr>
<td>75</td>
<td>0</td>
<td>47,000*</td>
<td>0</td>
<td>925*</td>
<td>58</td>
<td>325*</td>
</tr>
<tr>
<td>80</td>
<td>0</td>
<td>47,000*</td>
<td>0</td>
<td>1,025*</td>
<td>57</td>
<td>325*</td>
</tr>
</tbody>
</table>

**NOTE:** STRUCTURAL STRENGTH RATINGS IN CHART ARE INDICATED WITH AN ASTERISK (*).
**WINCH DATA**

<table>
<thead>
<tr>
<th>Winch</th>
<th>1 Part Line</th>
<th>2 Part Line</th>
<th>3 Part Line</th>
<th>4 Part Line</th>
<th>5 Part Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Stationary</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Diameter</td>
<td>5/16&quot;</td>
<td>3/8&quot;</td>
<td>7/16&quot;</td>
<td>1/2&quot;</td>
<td>9/16&quot;</td>
</tr>
<tr>
<td>Lift and Speed</td>
<td>3,680 lb</td>
<td>5,000 lb</td>
<td>6,270 lb</td>
<td>7,560 lb</td>
<td>8,850 lb</td>
</tr>
<tr>
<td></td>
<td>15 fpm</td>
<td>18 fpm</td>
<td>20 fpm</td>
<td>22 fpm</td>
<td>24 fpm</td>
</tr>
</tbody>
</table>

**BLOCK TYPE**

- **Overhaul Ball** Rating: 6.25 ton (5.7 mt)
- **1 Sheave Block** Rating: 17.5 ton (15.9 mt)
- **2 Sheave Block** Rating: 22.5 ton (20.4 mt)

**CAUTION**

Overload and anti-two-block systems must be in good operating condition before operating crane. Refer to Owners Manual. Keep at least 3 wraps of loadline on drum at all times. Use only 9/16" diameter cable with 37,000 lb breaking strength on this machine.

---

**INCLUDED OPTIONS**

- Dual fuel tank (120 gal-454L)
- Power Steering
- Electric Horn
- Factory A/C
- Power Port (Cigar lighter)
- AM/FM Radio w/ Clock
- Dual West Coast Stainless Rear View Mirrors
- Standard Factory Warranty

---

**CHASSIS RECOMMENDATIONS**

- Combined Axle Weight Rating: 60,000 lb (27 210 kg)
- Front Axle Weight Rating: 20,000 lb (9 067 kg)
- Rear Axle Weight Rating: 40,000 lb (18 144 kg)
- Wheel base: 261" (6.62 m)
- Cab to Axle: 192" (4.87 m)
- Afterframe: 114" (2.92 m)
- Frame Section Modulus: 30.0 in³ (491 cm³)
- RBM per Frame Rail: 1,860,000 in/lb (32 950 kg/m)
- Frame Height (Unloaded): 40" (1.02 m)
- Exhaust Position: Vertical Right Side
2 MOUNTING CONFIGURATIONS

CARRIER PROVIDED BY TEREX

STINGER RM4792 Rear Mount Configuration

- Manufacturer: Sterling LT7501 6 x 4 (60 000)
- Standard Engine: Caterpillar C-7 7.2 L I-6
- Standard Horsepower: 300 hp @ 2,200 rpm
- Standard Torque: 860 ft. lb @ 1,440 rpm
- Full Tank Capacity: 120 gal (454 L)
- Standard Transmission: Eaton Fuller RT-8908LL
- Speed Standard Transmission: Manual 10-speed
- Max Speed Standard Transmission: 74 mph (120 km/h)
- Max Gradeability: 54%

Standard Transmission

- Optional Transmission: Allison
- Speed Optional Transmission: Automatic 6-speeds
- Max Speed Optional Transmission: 74 mph (120 km/h)
- Max Gradeability: 17%

Optional Transmission

- Gross Vehicle Weight Rating: 60,000 lb (27 210 kg)
- Front Axle Weight Rating: 20,000 lb (9 067 kg)
- Rear Axle Weight Rating: 40,000 lb (18 144 kg)
- Front Tires: 425/65R 22.5 Michelin XZY (20 ply)
- Rear Tires: 11R 22.5 Michelin XDE M/S (14 ply)
- Brakes: Air, Hydraulic Anti-Lock System
- Exhaust Position: Vertical Right Side

INCLUDED OPTIONS

- Dual Fuel tanks (120 gal-454L)
- Power steering
- Electric Horn
- Factory A/C
- Power Port (Cigar lighter)
- AM/FM Radio w/ Clock
- Dual West Coast Stainless Rear View Mirrors
- Standard Factory Warranty

CHASSIS RECOMMENDATIONS

STINGER RM4792 - Rear Mount Configuration

- Combined Axle Weight Rating: 60,000 lb (27 210 kg)
- Front Axle Weight Rating: 20,000 lb (9 067 kg)
- Rear Axle Weight Rating: 40,000 lb (18 144 kg)
- Wheel base: 261" (6.62 m)
- Cab to Axle: 192" (4.87 m)
- Afterframe: 114" (2.89 m)
- Frame Section Modulus: 30.0 in³ (491 cm³)
- RBM per Frame Rail: 1,860,000 lbs/in (32 950 kg/m)
- Frame Height (Unloaded): 40" (7.62 m)
- Exhaust Position: Vertical Right Side

WINCH DATA

<table>
<thead>
<tr>
<th>1 Part Line</th>
<th>2 Part Line</th>
<th>3 Part Line</th>
<th>4 Part Line</th>
<th>5 Part Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winch</td>
<td>Cable Supplied</td>
<td>Lift and Speed</td>
<td>Lift and Speed</td>
<td>Lift and Speed</td>
</tr>
<tr>
<td>Standard Stationary Winch</td>
<td>9/16&quot; Stem WCX30P</td>
<td>10,000 lb</td>
<td>31,200 lb</td>
<td>42,000 lb</td>
</tr>
<tr>
<td></td>
<td>1&quot; Rod (5/8&quot; Bushing)</td>
<td>186 fm</td>
<td>62 fm</td>
<td>46 fm</td>
</tr>
<tr>
<td>Standard Stationary Winch</td>
<td>9/16&quot; Double Rotation Resistant</td>
<td>6,720 lb</td>
<td>20,100 lb</td>
<td>26,880 lb</td>
</tr>
<tr>
<td></td>
<td>1&quot; Rod (5/8&quot; Bushing)</td>
<td>186 fm</td>
<td>62 fm</td>
<td>46 fm</td>
</tr>
</tbody>
</table>

2 MOUNTING CONFIGURATIONS

BLOCK TYPE

- Overhaul Ball: Rating: 6.25 ton (5.7 mt)
- 1 Sheave Block: Rating: 17.5 ton (15.9 mt)
- 2 Sheave Block: Rating: 22.5 ton (20.4 mt)

CAUTION

Overload and anti-two-block systems must be in good operating condition before operating crane. Refer to Owners Manual.
Keep at least 3 wraps of loadline on drum at all times.
Use only 9/16" diameter cable with 37,000 lb breaking strength on this machine.
BOOM

- 29-92' (8.84-28.04 m) four-section full power fully synchronized boom. Patented keel boom design utilizes a keel shaped base plate combined with a deep, four plate boom section to optimize strength / rigidity-to-height ratio. Exclusive, patented color-coded boom and load charts allow the operator to easily determine boom extension, boom angle and load capacity. Maximum sheave height with four-section 29-92' (8.84-28.04 m) boom is 101' (30.78 m). Maximum sheave height with optional two-stage 26-44' (7.92-13.41 m) jib is 144' (43.89 m).

WINCH

- Hydraulic winch with gear motor and planetary reduction gearing provides 2-speed operation. First layer rope pull is 11,400 lb (5 170 kg). Wire rope size is 9/16" (14 mm) with 37,000 Ib (16 783 kg) breaking strength.

OPERATING SPEEDS

- Mainframe / turret assembly planetary gear rotation provides 180° rotation (370° with optional front bumper outrigger). Swing rotation is 75 seconds. Boom up/down is 41/30 seconds and boom extend/retract is 80/36 seconds.

HYDRAULICS

- Three-section pump allows the operator to perform simultaneous crane operations (winch, boom and swing). Capacities are 32, 17 and 8 gpm (122, 64 and 30 L/m). Hydraulic tank capacity is 90 gal (342 L).

CONTROLS

- Fully proportional, excellent metering characteristics for precise boom movements. Independent outrigger controls allow the crane to be stable and level in rigorous working conditions. Load Moment Indication System has audio alarm and functional shut down when operator encounters an overload situation.

OUTRIGGERS

- Front outriggers are Link-Type. The maximum width over main outrigger pad is 21' 9" (6.62 m), main outrigger spread at maximum ground penetration is 21' 4" (6.51 m).
- Rear outriggers are Out & Down type. The maximum width over auxiliary outrigger pads is 17' 6" (5.34 m).

SUBFRAME

- Single fabricated, closed-box style subframe yields greater strength and rigidity. Wheelbase for standard truck crane mounting configuration is 261" (6.62 m).

OPTIONS AND ACCESSORIES

- Single and two-stage jibs
- Multi-part load blocks
- Main winch with 2 speed motor
- Auxiliary winch
- Rotation-resistant load line
- Heavy duty wood flatbed
- Extra heavy duty wood flatbeds
- Extra heavy duty steel flatbeds
- Radio remote controls
- One-man or two-man baskets
- Self-leveling work platform
- Winch drum tensioner
- Continuous rotation
- Oil cooler
- Single front bumper outrigger (required for 370° or continuous rotation)
- Hydraulic hose reel
- Hydraulic auxiliary tool circuit
- Toolbox
STINGER 4792

RM MODEL

SPECIFICATIONS

BOOM
- 29-92’ (8.84-28.04 m) four-section full power fully synchronized boom. Patented keel boom design utilizes a keel shaped base plate combined with a deep, four plate boom section to optimize strength / rigidity-to-height ratio. Exclusive, patented color-coded boom and load charts allow the operator to easily determine boom extension, boom angle and load capacity. Maximum tip height with four-section 29-92’ (8.84-28.04 m) boom is 101’ (30.78 m). Maximum tip height with optional two-stage 26-44’ (7.92-13.41 m) jib is 144’ (43.89 m).

WINCH
- Hydraulic winch with gear motor and planetary reduction gearing provides 2-speed operation. First layer rope pull is 11,400 lb (5 170 kg). Wire rope size is 9/16” (14 mm) with 37,000 lb (16 783 kg) breaking strength.

OPERATING SPEEDS
- Mainframe / turret assembly planetary gear rotation provides 180º rotation (370º with optional front bumper outrigger). Swing rotation is 75 seconds. Boom up/down is 41/30 seconds and boom extend/retract is 80/36 seconds.

HYDRAULICS
- Three-section pump allows the operator to perform simultaneous crane operations (winch, boom and swing). Capacities are 32, 17 and 8 gpm (122, 64 and 30 L/m). Hydraulic tank capacity is 90 gal (342 L).

CONTROLS
- Fully proportional, excellent metering characteristics for precise boom movements. Independent outrigger controls allow the crane to be stable and level in rigorous working conditions. Load Moment Indication System has audio alarm and functional shut down when operator encounters an overload situation.

OUTRIGGERS
- Rear outriggers are Link-Type. The maximum width over main outrigger pad is 21’ 9” (6.62 m), main outrigger spread at maximum ground penetration is 21’ 4” (6.51 m).
- Front outriggers are Out & Down type. The maximum width over auxiliary outrigger pads is 17’ 6” (5.34 m).

SUBFRAME
- Single fabricated, closed-box style subframe yields greater strength and rigidity. Wheelbase for standard truck crane mounting configuration is 261” (6.62 m).

OPTIONS AND ACCESSORIES
- One-man or two-man baskets
- Self-leveling work platform
- Winch drum tensioner
- Continuous rotation
- Oil cooler
- Tool Box
- Hydraulic hose reel
- Hydraulic auxiliary tool circuit
SALES
Tom Limbach
Sales Director, Terex Cranes
Office: (319) 352-9357
Mobile: (815) 703-3905
Office Fax: (319) 352-9395
Email: tom.limbach@terexwaverly.com

Diane Sheedy
Director of International Sales
Office: (319) 352-9326
Office Fax: (319) 352-9395
Email: diane.sheedy@terexwaverly.com

Bruce Kramer
Sales Manager, Terex Cranes
Office: (319) 352-9347
Mobile: (815) 703-3896
Office Fax: (319) 352-9395
Email: bruce.kramer@terexwaverly.com

Chad Brandenburg
Sales Coordinator, Terex Cranes
Office: (319) 352-9356
Mobile: (910) 367-3152
Office Fax: (319) 352-9395
Email: chad.brandenburg@terexwaverly.com

Angie Scribner
Sales Assistant, Terex Cranes
Office: (319) 352-9309
Office Fax: (319) 352-9395
Email: angie.scribner@terexwaverly.com

SERVICE – PARTS
Roger Jones
Service Manager – Product Support
Office: (610) 395-8504
Mobile: (610) 367-6260
Office Fax: (610) 395-8538
Email: njones@american-crane.com

Dino Nelson
Service Training Specialist
Office: (319) 352-9338
Mobile: (615) 703-1800
Office Fax: (319) 352-9378
Email: dino.nelson@terexwaverly.com

Jim Chiwers (Boom Trucks)
Service Manager – Product Support
Office: (319) 352-9352
Mobile: (615) 703-3901
Office Fax: (319) 352-9378
Email: jim.chiwers@terexwaverly.com

Fred Backer (Boom Trucks)
Service Technician
Office: (319) 352-9388
Mobile: (615) 703-6514
Office Fax: (319) 352-9378
Email: fred.backer@terexwaverly.com

Dan Kalkbrenner (RT & Cranes)
Service Manager - Product Support
Office: (319) 352-9368
Mobile: (615) 703-3900
Office Fax: (319) 352-9378
Email: dan.kalkbrenner@terexwaverly.com

Jim Dawson (RT & Cranes)
Service Manager - Product Support
Office: (319) 352-9366
Mobile: (615) 703-3899
Office Fax: (319) 352-9378
Email: jim.dawson@terexwaverly.com

PARTS
Peggy Pelican
Director of Aftermarket Sales
Office: (336) 644-0536
Mobile: (336) 442-8348
Office Fax: (336) 644-0495
Fax: (336) 991-8193
Email: ppelican@terexparts.com

QUALITY ASSURANCE
Lee Linderkamp
Quality Assurance Manager
Office: (319) 352-9364
Mobile: (615) 703-3898
Office Fax: (319) 352-9378
Email: lee.linderkamp@terexwaverly.com

Clint Schrage
Warranty Manager
Office: (319) 352-9305
Office Fax: (319) 352-9378
Email: clint.schrage@terexwaverly.com

ENGINEERING
George Green
Director of Engineering
Office: (319) 352-9315
Office Fax: (319) 352-9378
Email: george.green@terexwaverly.com

Dave Schoonover (Boom Trucks)
Project Engineer
Office: (319) 352-9372
Office Fax: (319) 352-9378
Email: dave.schoonover@terexwaverly.com

Brian Thomas (RT Cranes)
Project Engineer
Office: (319) 352-9386
Office Fax: (319) 352-9378
Email: brian.thomas@terexwaverly.com

Dave Frerking (T Cranes)
Project Engineer
Office: (319) 352-9321
Office Fax: (319) 352-9378
Email: dave.frerking@terexwaverly.com

MANAGEMENT
Dick Michaud
Operations Manager, Terex Cranes
Office: (319) 352-9314
Mobile: (615) 703-3903
Office Fax: (319) 352-5727
Email: dan.michaud@terexwaverly.com