Stellar® Service Crane
EC3200

TECHNICAL SPECIFICATION GUIDE

Our People. Our Products.
SPECIFICATION INFORMATION

Crane Rating: 11,500 ft-lb (1.59 tm)
Standard Boom Length: 7’ (2.13 m) from CL of Crane

Boom Extension:
- 1st stage: Hydraulic 48” (121.9 cm)
- 2nd stage: Manual 48” (121.9 cm)

Max. Horizontal Reach: 15’ (4.57 m) from CL of Crane
Maximum Vertical Lift: 16’ 2” (4.57m) (from crane base)

Boom Elevation: -5 to +80 degree
Stowed Height: 24” (61.0 cm) (crane only)

Mounting Space Required: 18” x 15” (45.7 x 38.1 cm)

Shipping Weight: 730 lbs (331 kg)

Controls: Radio control standard for all functions

Winch
- Rope Length: 65’ (19.8 cm)
- Rope Diameter: 7/32” (.56 cm)
- Line pull speed: 15 ft/min (4.6 m/min)
- Max. single part line: 1600 lbs (725 Kg)
- Max. double part line: 3200 lbs (1450 Kg)

Rotation: 410 degree power (worm gear)

Lifting Capacities:
- 1625 lbs @ 7’ (737 Kg @ 2.1 m)
- 640 lbs @ 15’ (260 Kg @ 4.6 m)

Power Supply Required: 12 volt power unit
- 2.0 gpm @ 2600 psi
- (7.57 lpm @ 179 bars)

Min. Rec. Chassis (GVRW) 10,500*
*Guideline for Stellar® TMAX™ package with curbside rear crane. Consult with Stellar for other installations.

NOTE: All Stellar cranes meet ANSI B30.5 and OSHA 1910.180 specifications. Specifications subject to change without notification.

DEFINING CHARACTERISTICS

Planetary Drive Winch System
The winch is equipped with a 1.8 HP permanent magnet electric motor with a 261:1 planetary gear reduction system. This ensures that your winch will never quit lifting before it reaches the full rated capacity.

Double Boom Design
The double boom design makes it nearly twice as strong as the nearest competitor.

Gear Bearing Rotation
Uses same rotation system as the larger class cranes. There are no plastic bushings or brass gears in the rotation system. It uses a high strength steel ball bearing turntable gear, a high strength steel worm gear, and a cast steel worm gear housing.

Integral Rotation Stop
410 degrees of rotation with an integrated rotation stop. Integrated stops allow you the greatest performance while protecting wires and hoses from damage.

15’ of Reach
Hydraulic 1st stage extension. Manual 2nd stage extension.

Radio Remote
Comes standard with a radio remote control.
Weight of load handling devices are part of the load lifted and must be deducted from the capacity.

Maximum 1-part line capacity is 1600 lbs. (726 kg). For greater loads, use 2-part line.

**EC3200 CAPACITY CHART**

Reach in Feet/Meters
Capacity in Pounds/Kilograms

<table>
<thead>
<tr>
<th>Reach</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>1565 lbs 710 kg</td>
</tr>
<tr>
<td>3'</td>
<td>1565 lbs 710 kg</td>
</tr>
<tr>
<td>6'</td>
<td>1710 lbs 775 kg</td>
</tr>
<tr>
<td>9'</td>
<td>1900 lbs 862 kg</td>
</tr>
<tr>
<td>12'</td>
<td>2415 lbs 1095 kg</td>
</tr>
<tr>
<td>15'</td>
<td>3200 lbs 1450 kg</td>
</tr>
<tr>
<td>18'</td>
<td>640 lbs 290 kg</td>
</tr>
</tbody>
</table>

**GEOMETRIC DIMENSIONS**

- Maximum reach: 16'2" (4.92 m)
- CG: 92.79
- Front to back: 24.60
- Diameter: 22.75" (57.8 cm)

**ROTATIONAL CLEARANCE**

22.75" (57.8 cm)

**HOLE MOUNTING DETAIL**
## Narrow Service Body Mount
Mounts on 14” deep (or larger) side packs.

## Wide Service Body Mount
Mounts on 20” deep (or larger) side packs.

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Description</th>
<th>Qty.</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>42985</td>
<td>Cap Scr 0.88-9x1.75 HHGR8ZY</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>8648</td>
<td>Washer 0.88 SAE GR8</td>
<td>4</td>
</tr>
</tbody>
</table>

Your local distributor: