For over a decade the EZ-Systems Hydraulic Deck Crane has proven to be of the highest state-of-the-art yacht crane technology in an aesthetically pleasing design. Nautical Structures manufactures the Lay-Down crane design in capacities from 2,500lb/1134kg to 20,000lb/9070kg, with and without hydraulic telescoping boom sections. The EZ-6600-LD-EX shown (above) is a 6600-pound (3000 Kg) capacity crane featuring a lay-down boom design, with a telescoping boom section included. The EZ-6600-LD-EX telescoping aluminum boom is capable of being loaded to its full safe working load capacity in any position without restriction. The intelligent engineering inherent in this design allows distributed load-deflection across the boom during moments of dynamic loading, reducing the amount of shock-loading transmitted to the deck. Virtually silent-operating, our Hydraulic Linear Winch system, a totally non-fouling winch design reflects the innovative and dependably safe operating characteristics built into the extending boom. This feature adds the additional element of operational safety as the winch travels with the boom extension during operation of the crane. This prevents any possibility of two-blocking the system causing damage to the Spectron line. The crane features 300° hydraulic power rotation providing the ultimate in tender-handling convenience. Control of the crane is with a remotely operated wireless joy-stick proportional control. Manual hydraulic controls are also provided, located behind a hinged and latched access panel. A weld-in deck platter is the typical mount for the EZ-Systems Lay-Down crane. The EZ-Systems Lay-Down crane is finished to our highest standards. The aluminum structure is etched and then primed with a two-part epoxy primer. The system is faired smooth, and then primed again. The crane is hand sanded, then moved into our heated finish booth where it is coated with a two-part urethane spray-applied paint finish. Our standard colors are Matterhorn white, Off white and Snow white. All other colors will be a special order and quoted upon request. The crane system is static load tested to 2.2 x design load and then dynamic load tested to 1.1 x design load, with a classification society surveyor on premises for full class certification. Warranty: 1-Year including materials, electrical, hydraulic and labor. See warranty for details.
**MECHANICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Crane; Boom Angle</th>
<th>Retracted</th>
<th>Extended</th>
<th>Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>60°</td>
<td>103in / 262cm</td>
<td>133in / 338 cm</td>
<td>103in / 262cm</td>
</tr>
<tr>
<td>45°</td>
<td>140in / 355cm</td>
<td>182in / 462 cm</td>
<td>140in / 355cm</td>
</tr>
<tr>
<td>30°</td>
<td>166in / 422cm</td>
<td>219in / 556 cm</td>
<td>166in / 422cm</td>
</tr>
<tr>
<td>15°</td>
<td>182in / 462cm</td>
<td>240in / 609 cm</td>
<td>182in / 462cm</td>
</tr>
<tr>
<td>0°</td>
<td>188in / 477cm</td>
<td>248in / 630 cm</td>
<td>188in / 477cm</td>
</tr>
</tbody>
</table>

Aft rotation clearance: 16.5in / 42 cm

300° hydraulic power rotation.

**Hydraulic Linear Winch** system.
Rigged 6:1 with Spectron 12 Plus fiber line.
~ Stainless Steel Certified Load-Release Hook optional.

**Cable pay-out:** (Enhanced pay-out is available) 35′ / 10.66m

Crane weight: EZ-6600-KB-EX: 4700lb / 2131kg

Weight, Bearing Platter (average): 180lb / 82kg

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**ELECTRIC – HYDRAULIC SPECIFICATIONS**

- 24V DC Supply on a 20 amp breaker.
- 24V DC Wireless Joy-stick operated proportional control.
  * Manual control back-up.
- 15 Hp HPU, 3000 psi / 203 bar, 7 gpm / 26 lpm output.
- 20 Hp HPU, 3000 psi / 203 bar, 9 gpm / 34 lpm output.
- Fluid type: AW-68 or AW-34, ISO quality 17/15/12

**AVAILABLE RATED CAPACITIES**

- EZ-2500-LD: 2,500lb / 1134kg Up to 50,000 ft/lb
- EZ-4000-LD: 4,000lb / 1814kg Up to 80,000 ft/lb
- EZ-5500-LD: 5,500lb / 2494kg Up to 100,000 ft/lb
- EZ-6600-LD: 6,600lb / 2993kg Up to 150,000 ft/lb
- EZ-8800-LD: 8,800lb / 3990kg Up to 200,000 ft/lb

Foot-pound capacity; maximum reach x lifting capacity.

12 Month limited warranty. © 2014 - NSI

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Pedestal bases are available and may be configured for specific applications. The basis of this crane’s design is a very low-profile system, capable of being built into or hiding behind bulwarks. The very low-profile design depicted requires a foundation mounting plate built into the vessel’s deck structure. Floating-Flange standpipe mounting is available. Standpipe diameters will vary depending on the actual moment capacity of the crane.

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