For over a decade the EZ-Systems Hydraulic Deck Crane has proven to provide the highest state-of-the-art yacht crane technology in an aesthetically pleasing design. The EZ-Systems hydraulic deck crane is available in lifting capacities of up to twelve-thousand pounds, and in stowed boom lengths starting at twelve-feet. Any of these cranes may be special-ordered built to MCA Mega Yacht Code / Classification Society compliance. This specification sheet describes our smaller cranes with lifting capacities of up to five thousand pounds.

The EZ-System’s 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 cable. The crane features 300° hydraulic power rotation providing the ultimate in tender-handling convenience. The crane is remotely operated with a wireless joy-stick operated proportional control on a removable pendant. A pedestal base is the typical mounting structure for the EZ-Systems crane, although a standpipe mount may also be used in some applications. The EZ-Systems Crane is powered by a hydraulic power unit, available in various horsepower configurations, or may take power from the ship’s central hydraulic system. The EZ-Systems crane is finished to our highest standards. The aluminum structure is 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 special order and quoted upon request. The crane system is assembled and installed onto one of our three dynamic load-testing centers where our quality assurance team dynamic load tests and inspects every crane we produce prior to delivery to the customer. Warranty: 1-Year, including materials, electrical, hydraulics and labor. See warranty for details.
Pedestal bases may be cylindrical or pyramid in style, bolt-down or weld-down. The height of the pedestal base is variable. Bolt-down bases may have an external bolting flange. Please add an additional 3.0" / 76 mm to the perimeter dimensions shown on this drawing for this feature.

The crane’s stowed length and boom extension’s telescoping length may be varied to accommodate the vessel’s requirements. The most common configurations are depicted on this specification sheet. Final configuration must be maintained within the moment capacity of the crane’s structure.

### Mechanical Specifications

- **Hydraulic Boom Luffing:** 0º to 66º with full load capacity.
- **EZ-144-192 Reach,** 66º - 48º / 121
  - 15º - 182º / 462 cm
- **EZ-168-228 Reach,** 66º - 58º / 147
  - 15º - 216º / 549 cm
- **EZ-192-264 Reach,** 66º - 68º / 172
  - 15º - 251º / 638 cm
- **EZ-216-288 Reach,** 66º - 78º / 198
  - 15º - 274º / 696 cm
- **Aft rotation clearance:** 20º / 51 cm
- **300º hydraulic power rotation.** 180º and 270º is available.

### Electric – Hydraulic Specifications

- **Cable pay-out:** (Longer pay-out is available) 24’ / 7.31m
- **Crane weight, EZ-2500/3000:** Avg. 1900lb / 862kg
- **Crane weight, EZ-3500/4000:** Avg. 2150lb / 975kg
- **Crane weight, EZ-5000:** Avg 2300lb / 1043kg

### Rated Capacity

- **EZ-2500:** 2,500 Lbs. / 1134kg Up to 50,000 ft/lb
- **EZ-3000:** 3,000 Lbs. / 1360kg Up to 60,000 ft/lb
- **EZ-3500:** 3,500 Lbs. / 1587kg Up to 70,000 ft/lb
- **EZ-4000:** 4,000 Lbs. / 1814kg Up to 80,000 ft/lb
- **EZ-5000:** 5,000 Lbs. / 2268kg Up to 80,000 ft/lb

Foot-pound capacity; maximum reach x lifting capacity.

### Notice

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