NAUTICAL STRUCTURES
Precision. Engineered.

HMC Series - 2
Hydraulic Mini Crane
1,100/1,700lb - 120in
499/771kg - 304cm

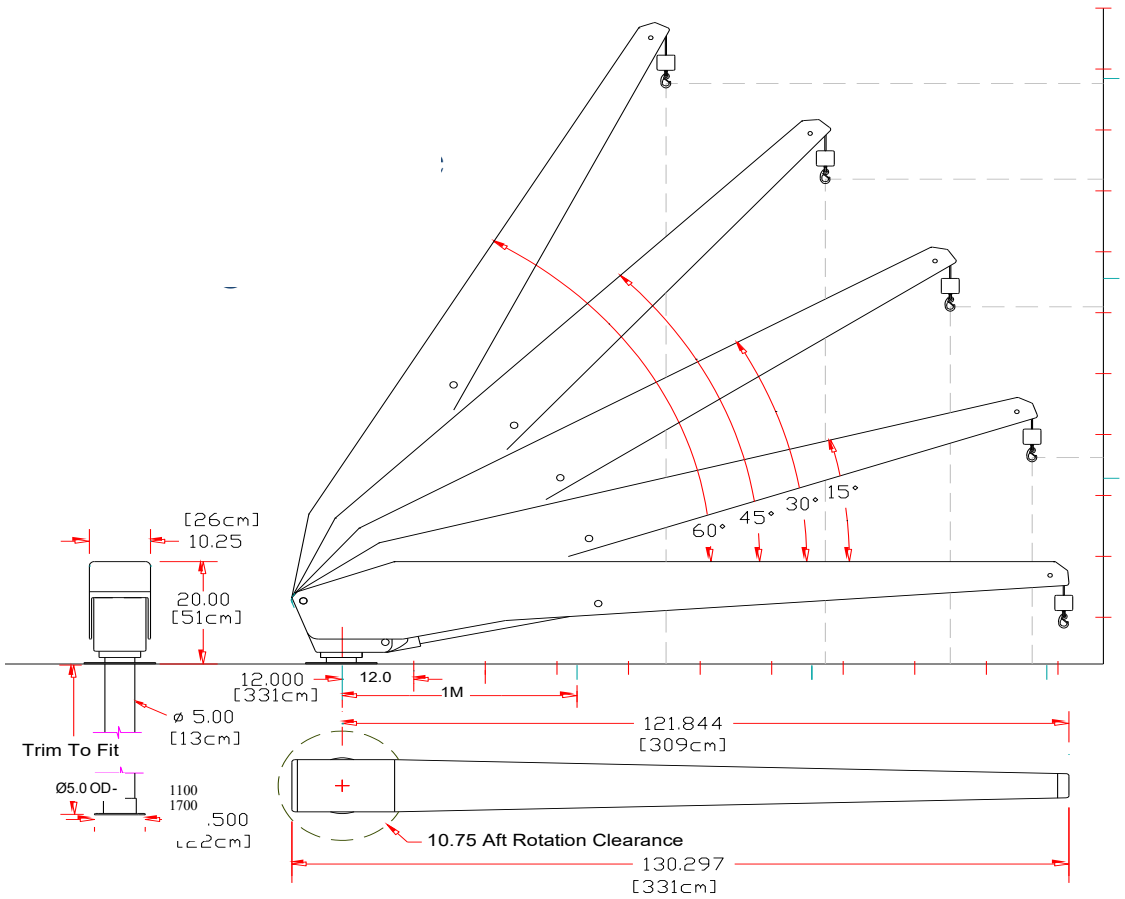


HMC Series - 2 Hydraulic Mini Crane

- An exceptionally low-profile boom perfect for the Sportfish yacht.
- 10ft (3m) long boom capable of being fully loaded to its safe working load capacity in any position without restriction.
- Features our silent operating Hydraulic Linear Winch system, a totally non-fouling winch design.
- Powered by a remotely mounted one-horsepower hydraulic power unit for performance and hidden from the elements.
- Aluminum hydraulic cylinders with internal safety locking valves acuate each function for unsurpassed corrosion resistance, dependability and reduced weight.
- Sealed steel bearings permit smooth manual rotation.
- An optional hydraulic power rotating standpipe may be selected for enhanced control and ease of operation.
- A through-deck standpipe is the standard mounting structure for stability and performance. An optional pedestal base mount may also be used in some applications.
- System is finished to Nautical Structures highest level of quality, wash primed, exposed welds are faired, 2-part high build primed again, then two top coats of 2-part urethane paint are applied. Our standard colors are Matterhorn white, Off White and Snow White. All other colors will be a special order and quoted upon request.
- Davit is assembled and tested prior to shipment.
- 1-YEAR WARRANTY including material and workmanship, electrical, hydraulic and labor. See warranty for details.

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Pedestal base mounting is available. Pedestals may be cylindrical or pyramid in style, bolt-down or weld-down in configuration.



Mechanical Specifications
Hydraulic Boom Luffing from 0° through 60°.
Reach (Maximum at 15° position): 118in / 274cm
Reach (Minimum at 60° position): 54in / 137cm
Aft rotation clearance: 10.75in / 27cm
Manual rotation on roller bearings: 360° Optional 180° or 259° hydraulic rotating standpipe.
Hydraulic Linear Winch system. Rigged 6:1 with stainless steel wire rope, brass weight and stainless steel safety snap hook.
Cable pay-out: 21ft/ 6.4m
System weight, HMC-1100-2: 300lb / 136kg System weight, 5" Standpipe: 120lb / 54kg
System weight, HMC-1700-2: 320lb / 145kg System weight, 5" Standpipe: 150lb / 68kg

Electric – hydraulic specifications
115V AC, 60 Hz, 1 Ph. 230V AC, 60 Hz, 1 Ph. 230V AC, 50 Hz, 1 Ph.
Waterproof delrin remote control switch is wired to a 20ft/6.1m removable pendant.
1 Hp Hydraulic power unit, 3000 psi / 203 bar, 0.5 gpm / 1.8 lpm output. Fluid type: AW-68, ISO quality 17/15/12
Rated Capacity
HMC-1100-2-120: 1,100lb / 500kg HMC-1700-2-120: 1,700lb / 771kg
HMC-1100: 11,000 ft/lb Maximum moment capacity. HMC-1700: 17,000 ft/lb Maximum moment capacity.
12 Month limited warranty. © 2014 - NSI

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