

DIVERSIFIED PROBLEM SOLVING:

Whatever the need, whatever the specification, Appleton Marine can design, manufacture and deliver it.

Crane Selection Guidelines

1. Are you looking for a fixed boom, telescopic boom or knuckle boom?
2. How much do you want to lift?
3. At what radius must this lift take place?
4. What is the maximum boom length?
5. At what speed do you want the load to be raised or lowered?
6. How is the unit to be powered: electric, diesel, customer provided?
7. From what location is the unit to be controlled?
8. Is a regulatory body approval required?

Review the list of available options to assist in your crane selection.

Crane Operational Guidelines

1. Listed capacities are maximum static rated loads as defined by API Spec 2C and ABS.
2. Boom length and load radius are measured from the axis of crane rotation to the centerline of the load hook with load applied.
3. Consult installation, operating and maintenance manuals before operating equipment.
4. Manufacturer's written approval is required before any modifications affecting operation or capacity can be made.
5. Refer to respective crane model for the maximum overturning moment.



All Appleton Marine cranes are designed and manufactured in accordance with the structural safety factor requirements of the Guide for Certification of Cranes of the American Bureau of Shipping and the various Marine Engineering regulations of the United States Coast Guard.

Designs for offshore applications are offered in accordance with API Spec 2C, if required.

Available Options

■ Power Supplies

- Electro-hydraulic
- Diesel-hydraulic
- Hazardous location
- Crane or remote mounted

■ Controls

- Crane-mounted platform
- Remote (hydraulic, electric or radio)
- Chest pack (with umbilical or radio)
- Operator's cab
 - Air conditioning
 - Heating
 - Windshield wiper/washer
 - Acoustic shielding
 - Tinted glass

■ Load Indicating System

- Visual and/or audible alarms
- Digital and/or graphic display
- Overload protection

■ Design for Extreme Low Temperature Installations

■ Lighting Packages

- Hazardous location
- Aircraft warning
- Pivoting boom

■ Corrosion Protection

- Stainless steel hydraulic fittings and hose ends
- Stainless or nickel-chrome cylinder rods
- Stainless steel hydraulic reservoirs and diesel tanks

■ Various Pedestal Heights

- Bottom flange for bolted mounting
- Customized to mate with ship's foundation

■ Regulatory Body Certification

- ABS – DNV – Lloyds – BV – NKK – GL

■ Anti-two Blocking System

■ Safety System

- Limited swing system
- Deck obstruction avoidance system
- Fire and gas detection/warning
- Audible warning horn

■ Winches and Rigging

- Auxiliary hoist
- Emergency load lowering

■ Special Coating Systems & Colors

■ Maintenance Platforms & Boom Top Walkway

ISO 9001: 2000
REGISTERED



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CRANES

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