



## Outdoor Gantry for Marine Environment

### Features and Benefits

<b>INDUSTRY:</b>	Marine
<b>APPLICATION:</b>	Maintenance Crane
<b>PRODUCT:</b>	Custom Outdoor Double Girder Gantry Crane
<b>SERVICES:</b>	Design, Installation, Quality/Load Testing

The solution involved designing a custom gantry crane able to withstand the weather conditions of a marine environment.

**Industry Group:** Crane Manufacturers Association of American (CMAA)



60 Ton Gantry Crane

#### THE CHALLENGE

To provide the customer with a freestanding crane to be placed over an outdoor training pool located in a saltwater and high wind environment. Corrosion of equipment and exposure to high winds impairs operation and compromises safety.

#### THE SOLUTION

A crane with non-corrosive parts that would include safety considerations for wind and harsh weather.

#### THE RESULT

American Crane designed, manufactured, tested and installed a 60 ton (5 ton aux. hoist) crane with an operator's cab that included special anti-corrosive paint, components, and seals. In addition, other anti-corrosion precautions were taken in areas of the crane that may pool with water. A wind speed indicator was installed, as well as specially designed wind locks to secure the crane in the event of a hurricane.



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