

CASE STUDY

YOUR CRITICAL LIFT EXPERTS



Outdoor Gantry for Marine Environment

INDUSTRY: **Marine**

APPLICATION: **Maintenance Crane**

PRODUCT: **Custom Outdoor Double Girder Gantry Crane**

SERVICES: **Design, Installation, Quality and Load Testing**

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.



MarCS2