



## Gorbel Jib Lifts Oceanographic Institute Out Of Deep Water

### Features and Benefits

Jib allows complete control to safely move objects in and out of the water

Powered rotation allows one technician to make changes without relying on another to assist with lifts

No more worries about forklifts hitting obstructions

**Industry Group:** Monorail Manufacturers Association, Inc. (MMA)



### The Opportunity:

In a lab that is part Jacques Cousteau and part George Lucas, an east coast oceanographic institute is using advanced technology to open the doors for expanded open sea scientific research.

The centerpiece of the lab is a 50-thousand gallon water tank in which the aquatic research facility simulates open sea conditions while experimenting with autonomous underwater vehicles (AUVs) and remote operated vehicles (ROVs). These underwater vehicles conduct a wide variety of tests using lasers, targets and various large obstacles that average 500 lbs. and measure 5 feet long x 6 feet high.

### The Problems:

"Our supervisors were always nervous about us using a fork lift to put items in because it was coming within two feet of some obstructions. Really, we were already looking for another lifting option because the forklift required two people."

### The Solution:

The institute selected a Gorbel FS300DD (motorized) freestanding jib crane with a 2-ton

capacity, 20-foot span and 16-foot height under boom. The crane was bundled with a radio to control the direct drive powered rotation as well as the chain hoist.

**Wrap up:**

The Gorbel® jib provides complete control to safely move any of the objects in or out of the water tank, and the powered rotation with radio control allows one technician to make changes to an experiment without waiting for a second person to assist with lifts.



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