EASY ARM™ IN ACTION: MANUFACTURING
PRECISION PLACEMENT PROTECTS PUMPS ON TEST STAND

Industry	Pump Manufacturer
Application	Loading and unloading pumps from test stands in two work cells
Solution	Easy Arm™
Results	Operators can now load test stands with much less effort and strain

Gorbel's Easy Arm™ has made loading and unloading two test stands in different work cells much easier for this pump manufacturer.

Application: Loading Test Stands

This pump manufacturer was looking for a safe and efficient way to load and unload pumps from test stands set up in two different work cells. The pumps are heavy and bulky, weighing up to 80 lbs, and need to be precisely placed on studs extending horizontally from the test stands. Both Easy Arm™ units are equipped with float mode which allows the operators to precisely orient the loads by manipulating them with their hands.

The first work cell (see work cell #1) had very limited space which made locating a mounting point for a FS Easy Arm™ very difficult. A custom engineered short mast Easy Arm™ with float mode was mounted to the top of the test unit machine.

The second work cell (see work cell #2) had more space. Therefore, a standard Easy Arm™ unit with float mode was installed on the floor in this cell.

The Alternatives

The customer had considered Work Station Jib Cranes with a hoist to use in these work cells, but this alternative could not give them the precision placement they needed to place the pumps on the studs.

The Results

The Easy Arm™ with optional float mode allowed for the precision placement that was needed in each work cell.

The customer is very pleased with the units. The workers are now able to load and unload the test stations with much less effort than required in the past. These units have also made the work cells safer for the operators.

Work Cell #1

Work Cell #2