

Torque Arm



Features:

- ◆ Ideal for off-center load weights & reach-in applications
- ◆ Capacities from 50 to 2,000 lbs
- ◆ Vertical lifts available up to 84 inches
- ◆ Operates on 90 PSI plant air
- ◆ Continuous rotation 360°

The AIMCO torque arm bridges the gap between a hoist and a Manipulator. The torque arm provides a rigid "load arm" between the work piece and the crane, allowing off-center loads to be securely transported and manipulated without a loss of required product orientation. Reach-in applications are accomplished in a safe, easy and ergonomic manner.

When mounted to an AIMCO Articulated Jib Crane or a workstation bridge crane with dual girder bridge, the Torque Arm provides all the flexibility of a complex manipulator system at a significantly lower cost.



AIMCO Manufacturing can customize its standard designs of lift assist equipment to suit your application

REACH



RANGE

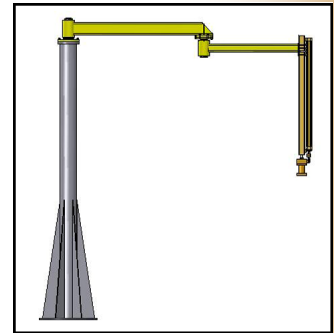


RELIABILITY

Torque Arm

Standard Configuration

- ◆ Operates on 90 PSI Plant Air
- ◆ Wrist swivel for tool / payload positioning
- ◆ "Loss of air" safety
- ◆ Two button, speed metered, vertical lift control handle
- ◆ Continuous rotation 360°
- ◆ Safety Factor 5:1



Mounting Options

Torque Arms can be mounted from an AIMCO Articulated Jib Crane to provide a manipulator system with machine loading capabilities.

Torque Arms can be mounted to workstation bridge crane systems to handle payloads with coverage over larger floor space.



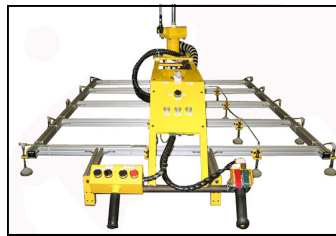
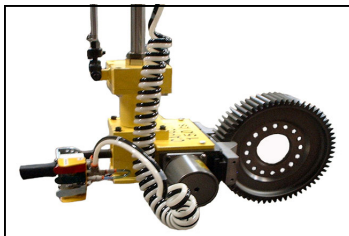
Model Identification:

Example: TA300-48

Torque Arm, 300 LB Capacity, 48" Vertical Lift

Custom End Effectors

AIMCO has extensive experience in the design and manufacture of end effector tooling, from simple configurations to the complex. AIMCO provides a variety of both standard and custom designed tooling to safely and efficiently handle any type of load.



End Effector Types Available:

- ◆ Pneumatic
- ◆ Vacuum
- ◆ Magnetic
- ◆ Manual
- ◆ Physical Clamping
- ◆ Any Combination

The AIMCO Advantage

- ◆ Increased Productivity
- ◆ Ease of Movement & Positioning
- ◆ Enhanced Operator Safety
- ◆ Reduced Operator Fatigue
- ◆ Improved Work Force Utilization
- ◆ Protection of Delicate Payloads
- ◆ Increased Quality
- ◆ Increased Profits



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