

Industrial Manipulator

Series LB2400 & LB6600



Features:

- ◆ Ideal for material handling of light to heavy loads
- ◆ Capacities up to 1,700 lbs
- ◆ Vertical lifts available up to 90 inches
- ◆ Operates on 90 PSI plant air

AIMCO Manipulators are ideal for material handling of light to heavy loads and capacities range up to 1,700 lbs. Vertical lifts are available up to 90 inches and the Manipulator operates on 90 PSI plant air.

A Manipulator is only one component of a work cell or material handling system. AIMCO provides a variety of both standard and Custom End Tooling to safely and efficiently handle material loads.

AIMCO End Effectors provide precise **Part Manipulation** and can be custom designed to suit any application. Tilt, rotate and rollover functions are available to accomplish a variety of tasks.

AIMCO Industrial Manipulators incorporate **Parallel Linkage** to assure the end tool mounting plate remains in a horizontal plane, parallel to the floor throughout the operation of the manipulator.

Parallel Linkage is a design feature incorporated in the manufacture of a manipulator when certain operating criteria exist. Parallel linkage is utilized to assure that the end tool mounting plate remains in a horizontal plane, parallel to the floor, throughout the operation of the manipulator. Parallel linkage also provides a rigid base for mounting end tooling, allows for the use of a greater variety of end tooling and enables the user to reach into hard to reach areas. In addition, parallel linkage allows the manipulator to handle overhung loads, provides the operator with a safe and positive method of lifting, tilting and rotating loads and provides precise control with smooth, flowing action.

REACH



RANGE



RELIABILITY

AIMCO Lift Assist Technology

AIMCO Products

AIMCO custom designs and builds integrated lift assist systems and material handling equipment. AIMCO's experienced Engineering Department can customize AIMCO standard designs of lift assist equipment to suit your application. **A wide variety of material handling equipment is available:**

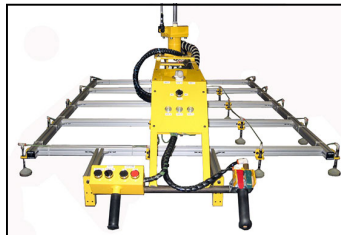
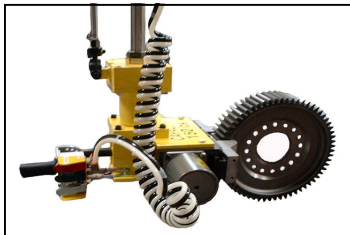
- ◆ Articulated Jib Cranes
- ◆ Portable Jib Cranes
- ◆ Articulated Lifting Arms
- ◆ Torque Arms
- ◆ Industrial Manipulators
- ◆ Machine Loading Systems
- ◆ Pneumatic Overload Circuit
- ◆ Vacuum Technology

Available Mounting Types:

- ◆ Floor Pedestal
- ◆ Overhead Ceiling
- ◆ Overhead Trolley
- ◆ Machine Base
- ◆ Wall Mount
- ◆ Column Mount

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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