



American Industrial Manipulator Company



Maximize Safety & Productivity



ArtJIB

Reach and Capacity

Up to 1,600 lbs at 8 ft
Up to 865 lbs at 15 ft

Advantages

360° Continuous Rotation at each Knuckle
Accepts All Types of Hoists and Rigid Lifters
Designed and Manufactured under the ISO 9001 Standard

Mounting Options

Pedestal, Building Column, Bridge-Crane, Overhead Beam, Portable Base



VacuJIB

Reach and Capacity

Up to 270 lbs at 8ft
Up to 150 lbs at 15ft

Vacuum Flow

Up to Ø2" Path Flow

Advantages

No Overhead Vacuum Hoses
Optional Portable Base
360° at Pivot Joints

SlideJIB



Advantages

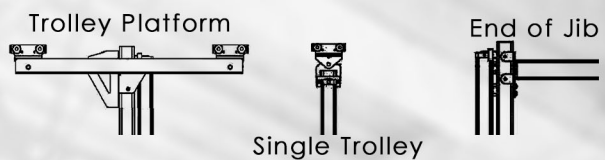
On-board Power
Featured Portable Base
Easy Movement in Narrow Aisles

Reach and Capacity

Up to 250 lbs at 12ft



TorqLIFT

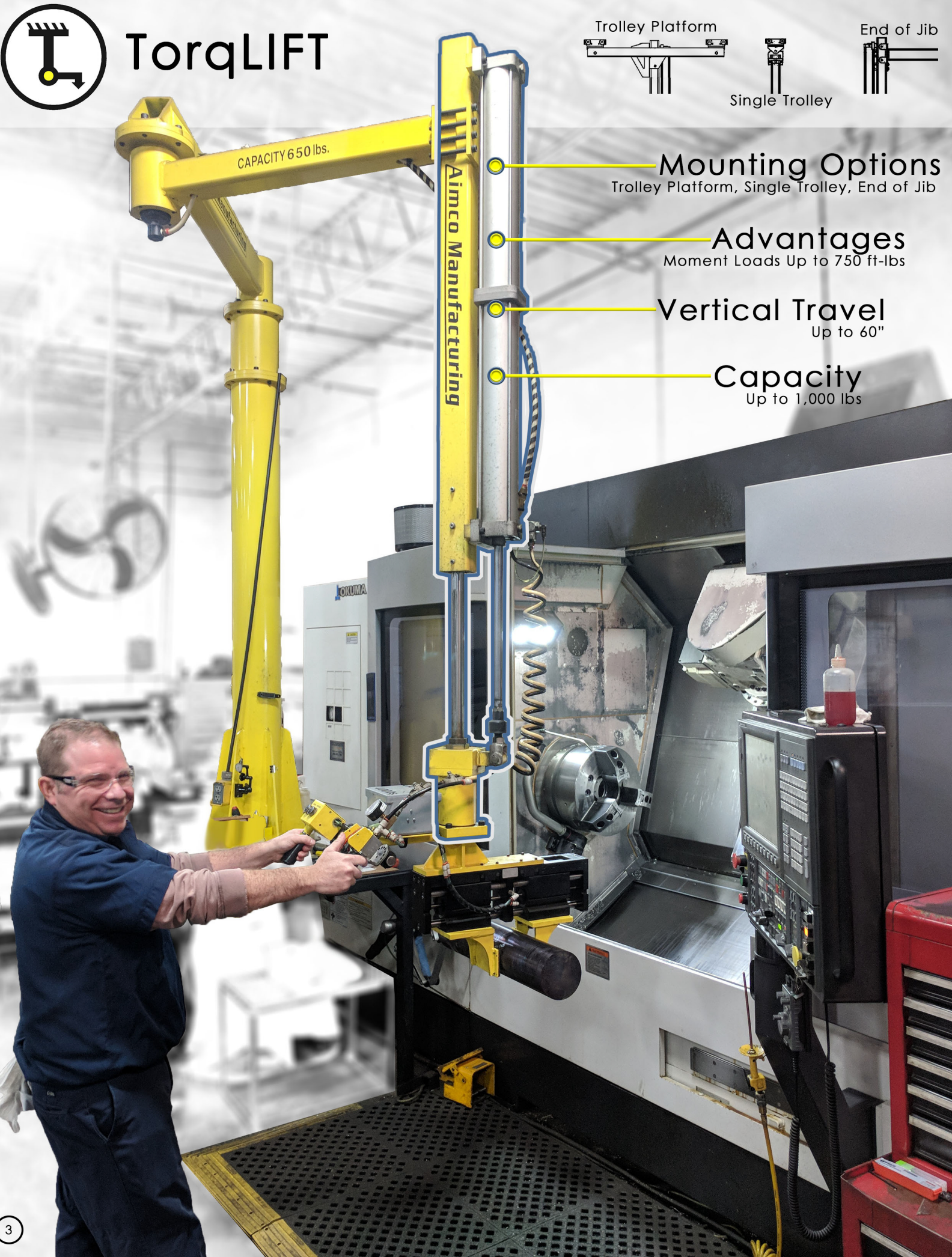


Mounting Options
Trolley Platform, Single Trolley, End of Jib

Advantages
Moment Loads Up to 750 ft-lbs

Vertical Travel
Up to 60"

Capacity
Up to 1,000 lbs



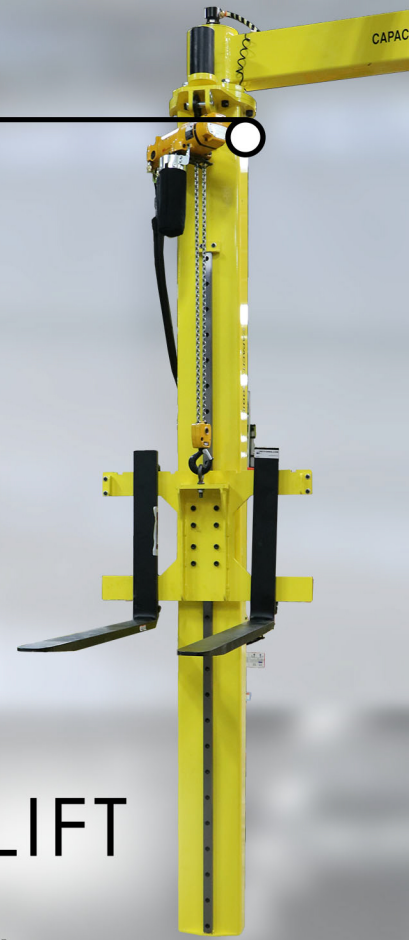
StackerLIFT



Capacity
Up to 1,000 lbs

Vertical Travel
Up to 110"

Advantages
Maximum Vertical Travel in Low Headroom Areas
Moment Loads Up to 750 ft-lbs
360° Manual Yaw

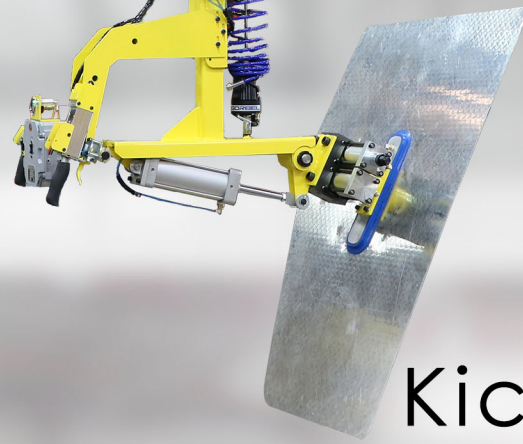


G-TorqLIFT

Capacity
Up to 660 lbs

Vertical Travel
Up to 110"

Advantages
Gorbel G-Force® Float-mode
Moment Loads Up to 750 ft-lbs
360° Manual Yaw



KickLIFT



Capacity
Up to 250 lbs

Vertical Travel
Up to 48"

Advantages
Low Headroom
Light Weight at End of Arm
Extreme Reach-Out, Moment Loads Up to 1,250 ft-lbs





Tooling

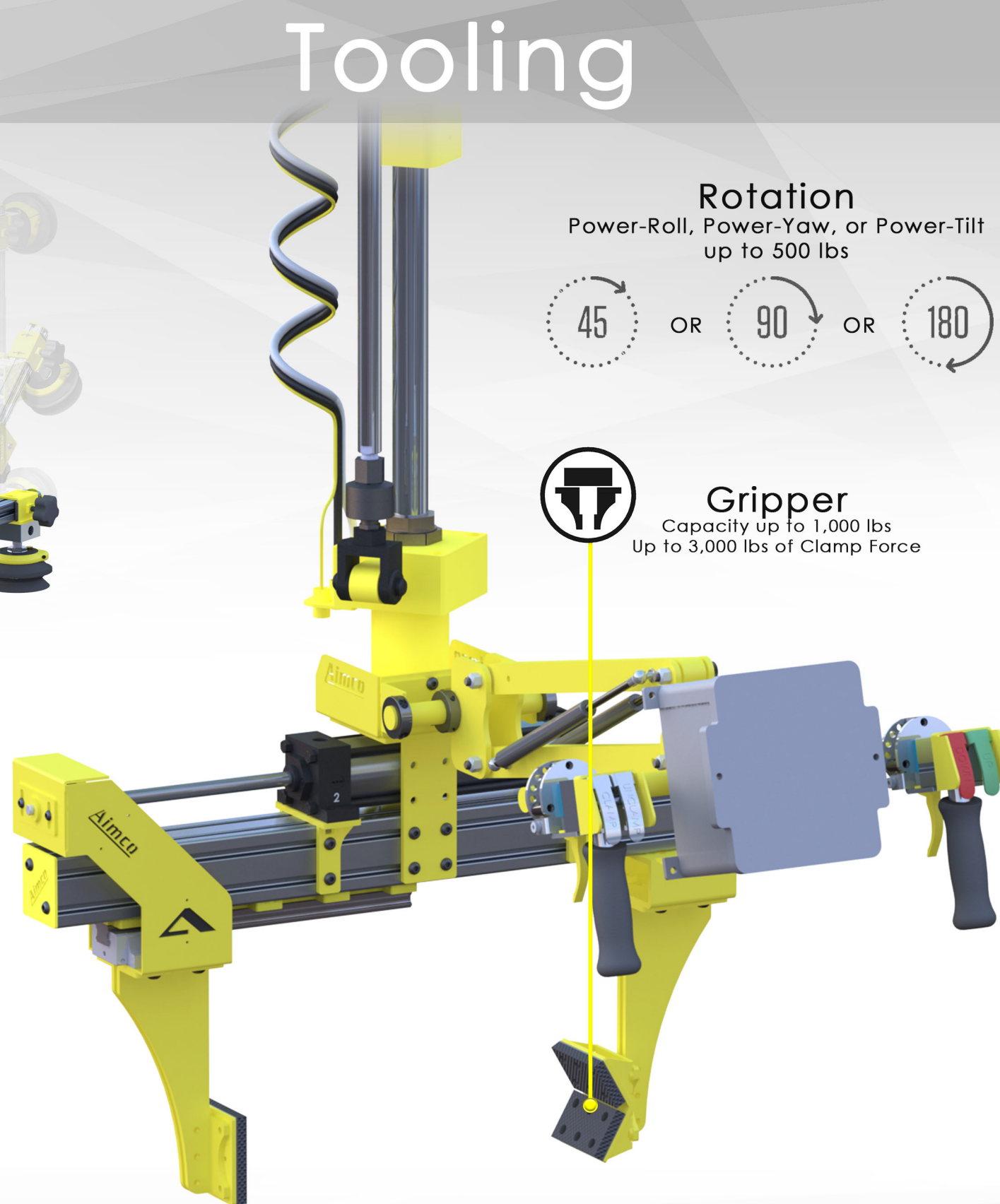


Vacuum

Capacity up to 1,000 lbs
Coverage up to 5 ft x 10 ft

ASME

AIMCO's "Below-the-Hook Lifting Devices"
conform to ASME BTH-1 Design Category B
and Service Class 2



Gripper

Capacity up to 1,000 lbs
Up to 3,000 lbs of Clamp Force

Rotation

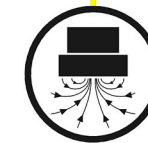
Power-Roll, Power-Yaw, or Power-Tilt
up to 500 lbs



OR

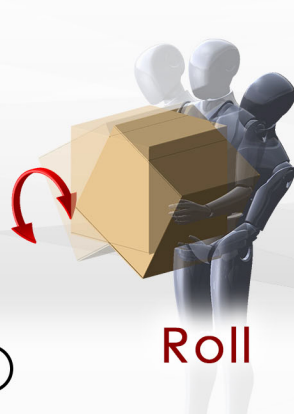


OR



Magnet

Capacity up to 500 lbs
Pneumatically-actuated Permanent Magnets



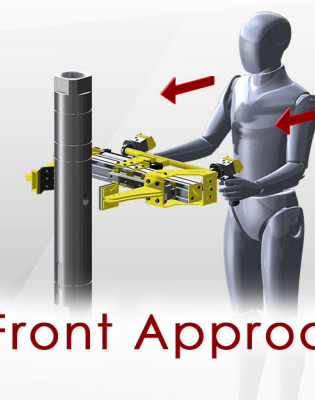
Roll



Yaw



Tilt



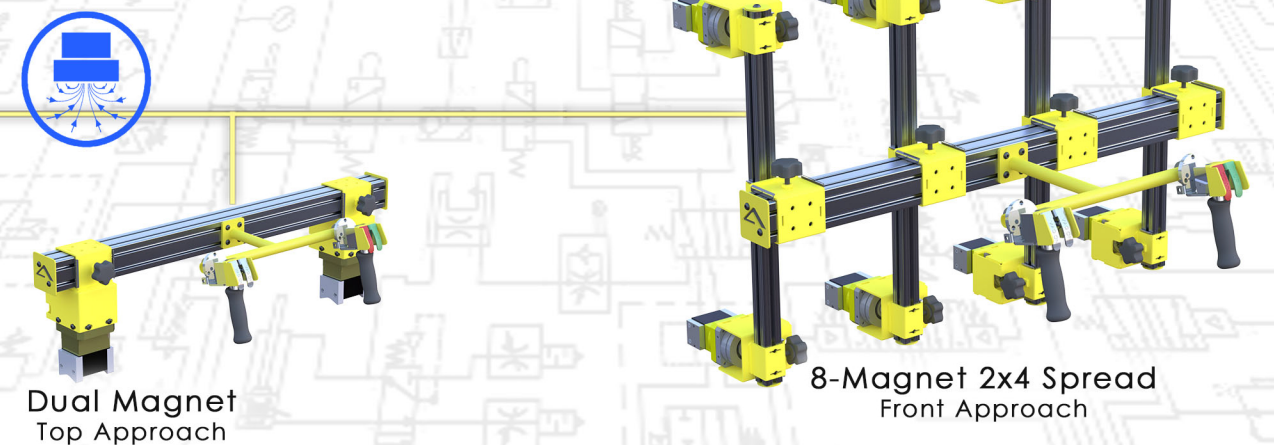
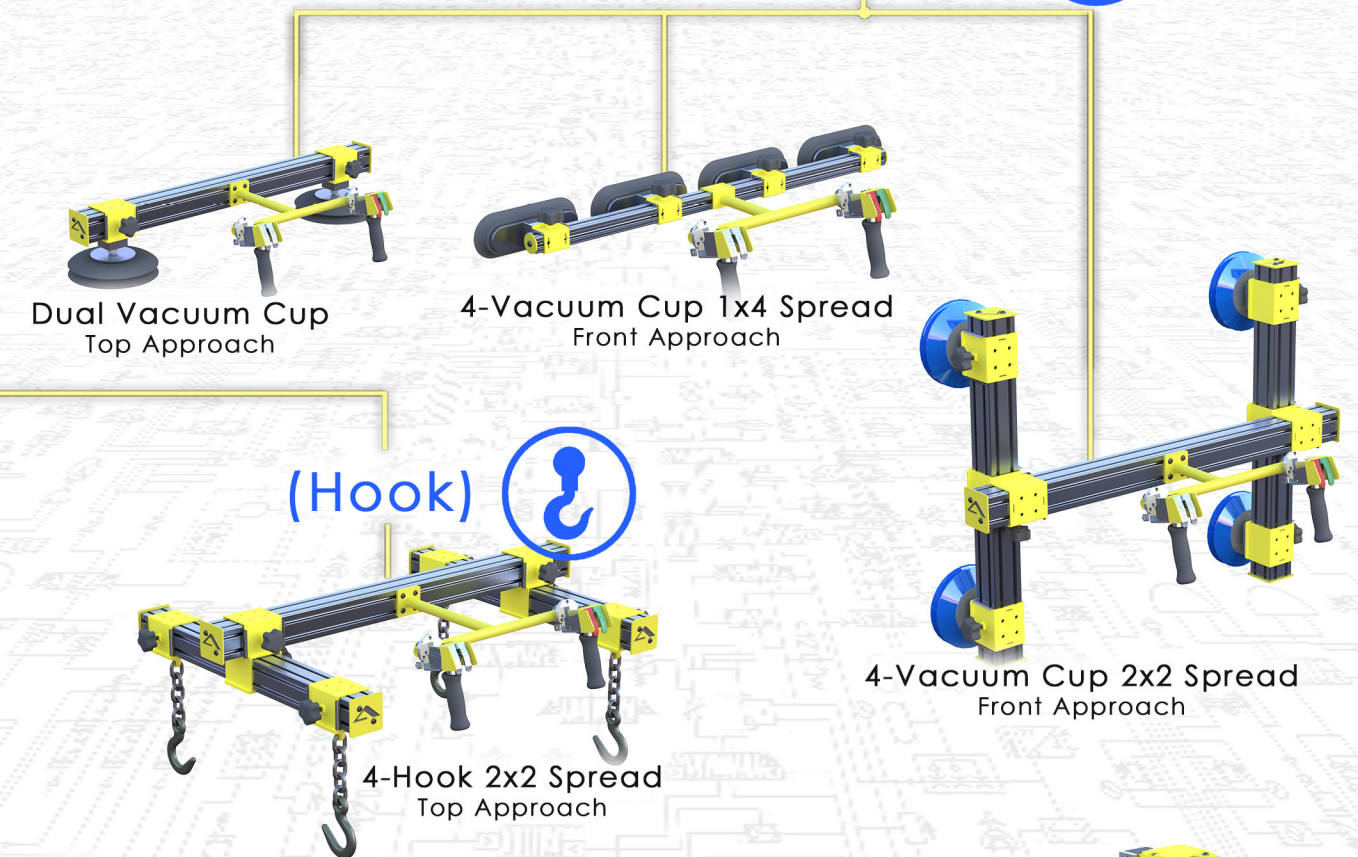
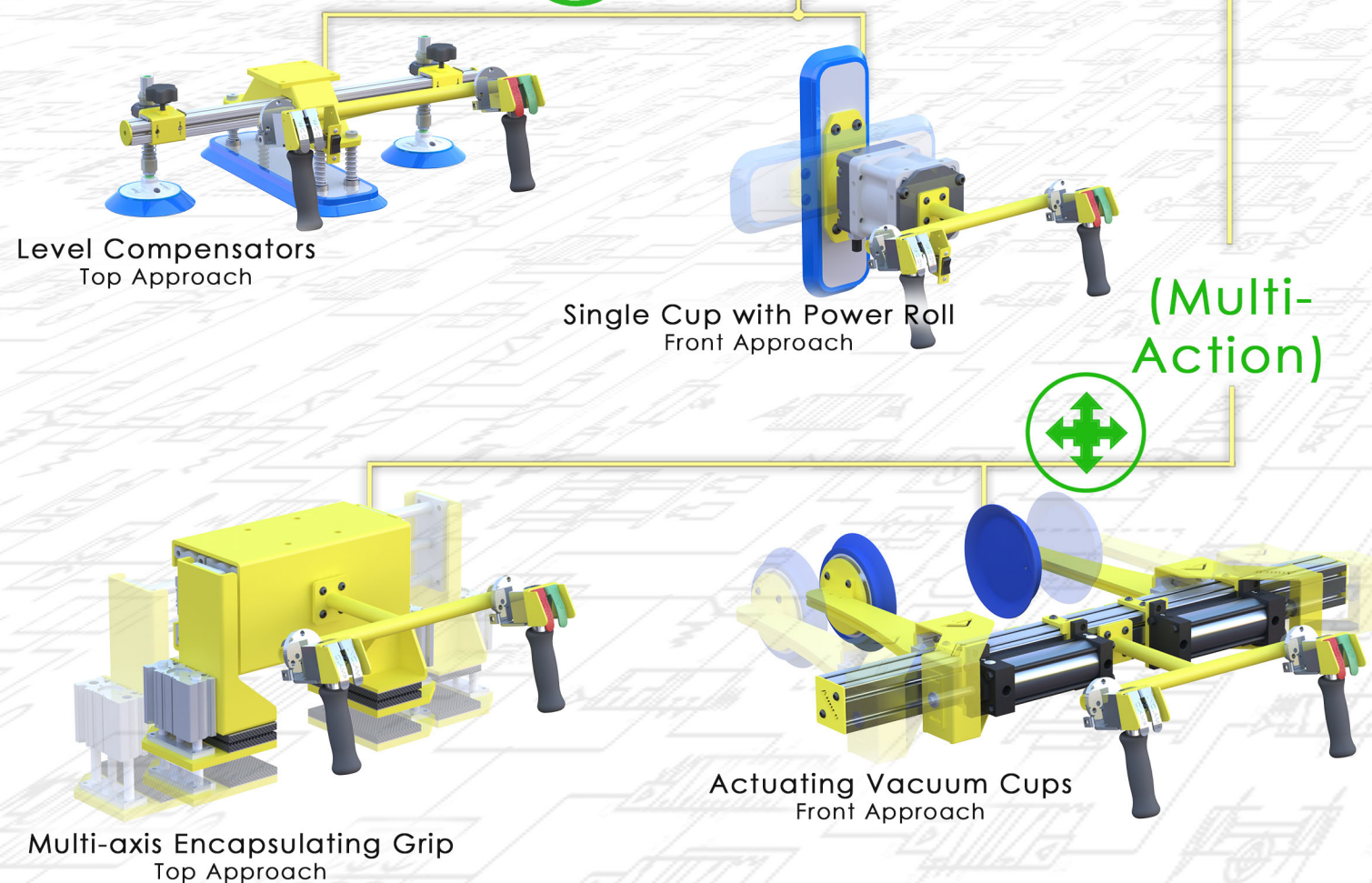
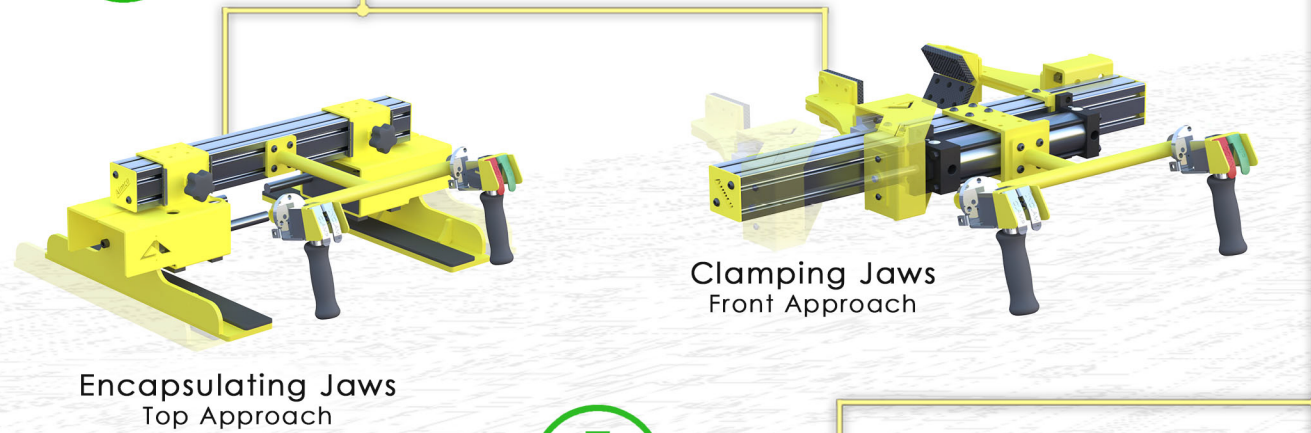
Front Approach



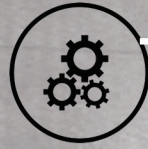
Top Approach

Custom

Modular

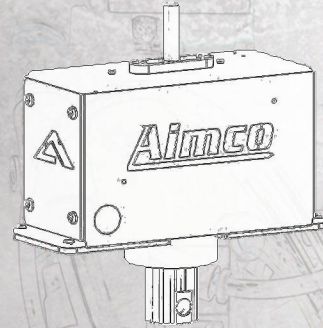


Controls & Safeties



Automatic Load Detection

Used in our "Safety Set-Down" logic, where the unclamp lever is disabled while the load is suspended. The same logic is used in our "Automatic Clamp-Unclamp" (ACU) controller where you can pick and place a part without touching a button.



"Automatic Clamp-Unclamp" (ACU)



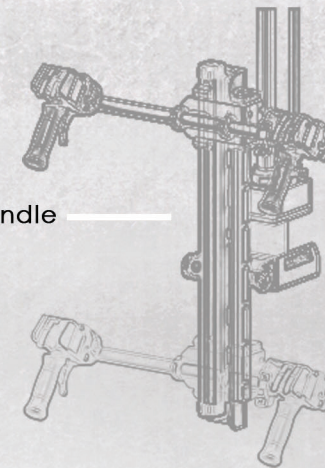
Sequential Logic

Pneumatic control logic designed to take an input and sequence a series of outputs.

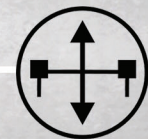
For example, pressing one "clamp" lever can turn a vacuum generator on and pressurize multiple actuators simultaneously.

Jib Air Brakes

To lock or park one, two, or all three of the pivot joints of our Articulated Jib Crane. Lock down the shoulder, the elbow, the wrist.

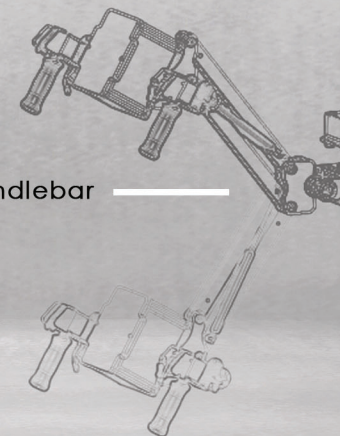


Vertical Slide Handle



Floating Handlebars

To keep your operators from having to reach to high or bend down too low.



Pivoting Handlebar



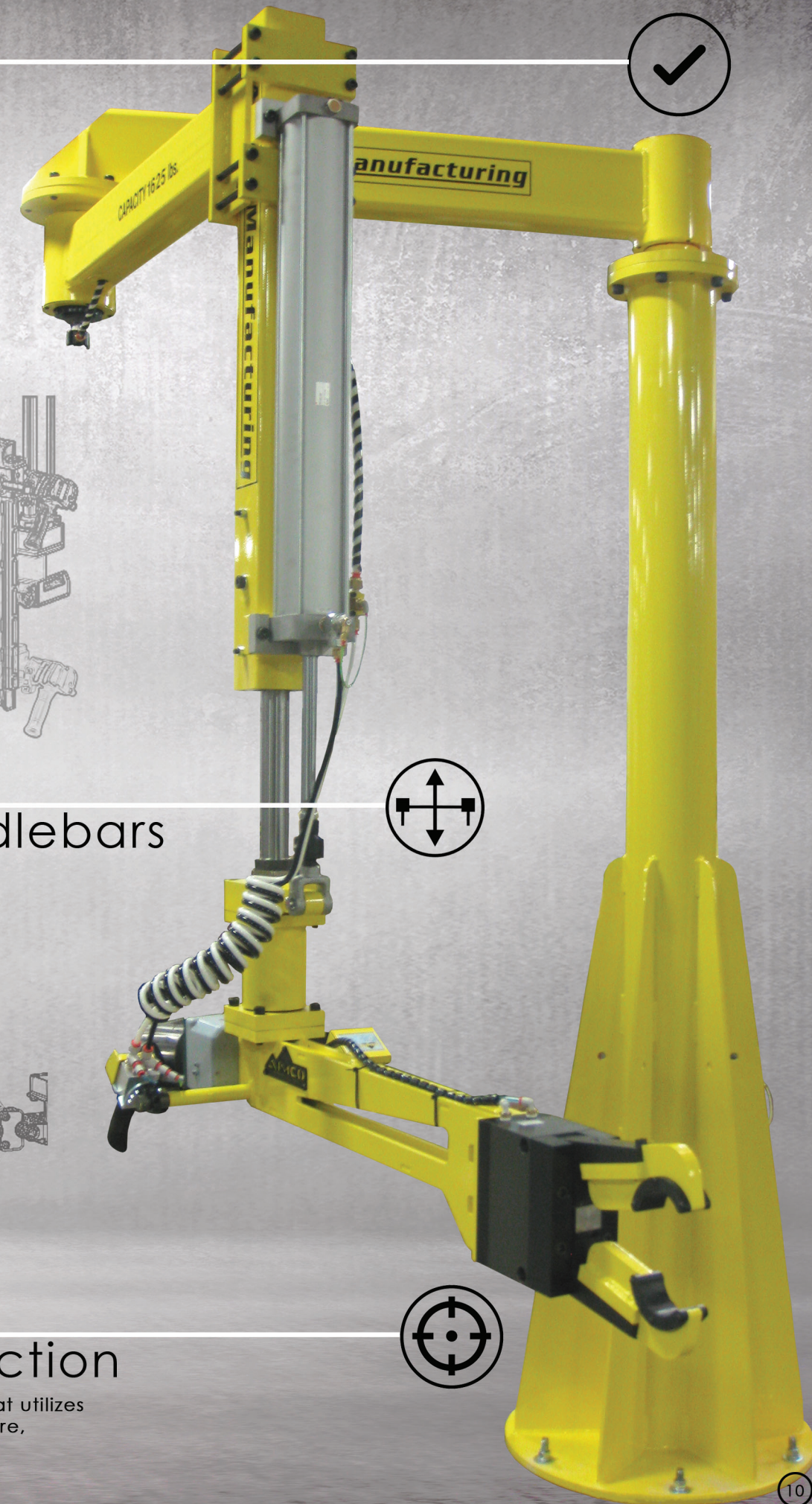
Position Detection

Pneumatic tooling technology that utilizes positive pressure, negative pressure, and mechanical switches to detect various positions.



Ergonomic Controls

Our carefully designed controllers offer operators two-hand stability and ergonomic access to levers, triggers, and rocker switches.



For More Information

Your authorized AIMCO dealer can
provide you with more specifics
and help you imagine the next
AIMCO Jib Crane, Lift, or Tooling that will
"maximize safety and productivity"
in your workplace.



AIMCO Manufacturing

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