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COMPLETE LINE OF INDUSTRIAL MANIPULATOR ARMS

UltiBalance™

UltiRail™

UltiHydra™

UltiMate PN™

UltiMate Precision™

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76456677

7675654

875677665

UltiHydra™ Manipulator

Designed for Performance, Safety and Productivity



Choose the UltiHydra™ Manipulator Arm When:

- There are wide weight variations of product manipulated.
- Work needs to be performed on the product while it is rigidly suspended by the manipulator.
- Precise product placement is desired.
- A hydraulically powered machine is preferred.

UltiHydra™ Manipulator Features

Superior Performance and Safety

- Inherent features allow robust lifting with compact design
- Regardless of weight variations, no adjustments are required to handle variable payloads
- Custom-designed controls for optimal user comfort and efficiency
- Safety circuit provided to prevent unwanted movement in event of sudden loss of hydraulic pressure
- Counterbalanced valves ensure machine and product safety remain intact
- Variable or single speed controls allow precise product placement
- Custom end-effectors easily adapt to each machine with standard flange mount
- Anti-drift brakes prevent unwanted movement when machine is not in use
- Low-maintenance system
- Easy installation
- Designed to reach under obstructions and into work areas

Manipulative behavior you'll thank us for.

Exceptional Quality

- Durable powder coated finish
- Sealed precision bearings provide long life, smooth motion and less maintenance
- Hydraulic circuitry designed to minimize heat build-up
- Engineered for minimal deflection
- Designed with 3D modeling software for customer pre-approval and manufacturing reliability

Scan with your
SmartPhone to
learn about our
full product line.



ADVANCED
Manipulator Specialists, Inc.

123 Memorial Drive NW • P.O. Box 65 • Hoffman, MN 56339
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sales@advancedmanipulator.com www.advancedmanipulator.com

UltiHydra™ Manipulator Arms

This compact, robust, low-maintenance lift assist provides rigid and reliable solutions. Regardless of weight variations, no adjustments are required to handle variable pay-loads. Easily accommodate up to 2500 lbs. with the UltiHydra Manipulator Arm.

Versatile mounting options and customized capabilities allows this system to fit into most work environments.

Customization to machine and/or end-effector will accommodate virtually any product, weight or application.

Mounting Options:

- Floor pedestal
- Fixed overhead
- Overhead trolley
- Building column
- Portable base

Custom End-Effectors:

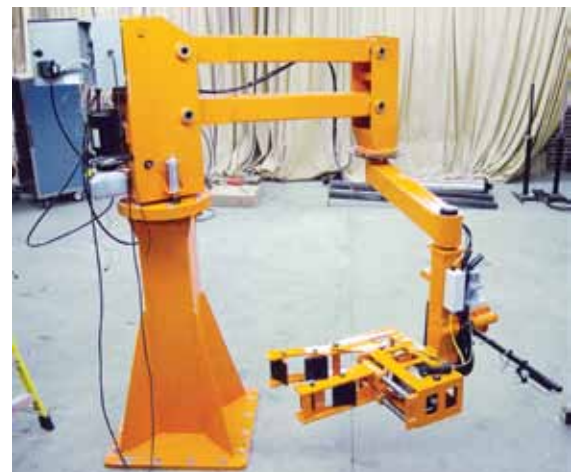
- Gripper
- Probe
- Vacuum
- Clamp
- Hook

100% Designed,
Manufactured &
Assembled in USA

Made in USA



UltiHydra Model	Weight Capacity Lbs.	Maximum Reach Feet	Maximum Vertical Travel Feet	Controls
200	200 lbs.	12'	6'	Single or Variable Speed Controls Available On All Models.
400	400 lbs.	12'	6'	
650	650 lbs.	12'	6'	
1000	1000 lbs.	10'	6'	
1500	1500 lbs.	8'	4'	
2500	2500 lbs.	8'	4'	



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