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COMPLETE LINE OF INDUSTRIAL MANIPULATOR ARMS

UltiBalance™

UltiRail™

UltiHydra™

UltiMate PN™

UltiMate Precision™

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UltiMate™ PN Manipulator

Choose the UltiMate™ PN Manipulator Arm When:

- There are wide weight variations of product manipulated.
- It is desirable to totally eliminate operator force required to lift or lower product.
- Work needs to be performed on the product while it is rigidly suspended by the manipulator.
- A pneumatically powered machine is preferred.



UltiMate™ PN Manipulator Features

Superior Performance and Safety

- Regardless of product weight variations, pneumatic lift cylinders handle variable pay-loads with no adjustments
- Custom end-effectors easily adapt to each machine with standard flange mount
- Variable speed pendant allows operator-controlled product manipulation
- Anti-drift brakes prevent unwanted movement when machine is not in use
- Custom-designed controls for optimal user comfort and efficiency
- Pilot operated check valves on gripper cylinder prevent loss of payload if air supply is interrupted.
- Designed to reach under obstructions and into work areas
- Ultimate stability and product placement achieved with rigid support and customized engineering
- Low-maintenance system
- Easy installation

Exceptional Quality

- Durable powder coated finish
- Sealed precision bearings provide long life, smooth motion and less maintenance
- Includes air regulator/filter with lockout valve
- Engineered for minimal deflection
- Designed with 3D modeling software for customer pre-approval and manufacturing reliability

Manipulative behavior you'll thank us for.



ADVANCED

Manipulator Specialists, Inc.

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www.advancedmanipulator.com

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



Ultimate™ PN Manipulator Arms

Designed with pneumatic cylinders, the UltiMate PN lift assist will economically and effortlessly manipulate any product. No adjustments are needed when switching between different product weights; changing payloads is quick and easy. Standard models will accommodate capacities up to 1000 pounds. Utilize a customized machine for unique applications.

Versatile mounting options and customized capabilities allows this system to fit into any work environment.

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



UltiMate PN Model	Weight Capacity Lbs.	Maximum Reach Feet	Maximum Vertical Travel Inches	Controls
50	50 lbs.	12'	72"	Variable Speed Pendant with Pneumatic End-Effector Controls Available On All Models.
100	100 lbs.	12'	72"	
200	200 lbs.	12'	72"	
400	400 lbs.	10'	60"	
600	600 lbs.	10'	60"	
1000	1000 lbs.	10'	60"	

Applications outside the boundaries of standard machines will be custom designed; there are virtually no product and weight limitations.

*It's Time
To Get
Moving...*



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