UltiMate™ Precision Manipulator Features

Superior Performance and Safety
- Electric ball screw actuator provides precise product placement and smooth motion
- Regardless of weight variations, no adjustments are required to handle variable payloads
- Custom end-effectors easily adapt to each machine with standard flange mount
- Anti-drift brakes prevent unwanted movement when machine is not in use
- Designed to reach under obstructions and into work areas
- Quiet operation
- Custom-designed controls for optimal user comfort and efficiency
- Safety brake prevents unwanted downward movement
- Safety circuit provided to prevent unwanted movement in event of lost electrical supply
- Fingertip joystick along with variable frequency drive provides speed control for ultimate placement
- Low-maintenance system
- Easy installation

Manipulative behavior you’ll thank us for.

Exceptional Quality
- Durable powder coated finish
- Sealed precision bearings provide long life, smooth motion and less maintenance
- Ball screw technology ensures reliability and machine longevity
- Engineered for minimal deflection
- Designed with 3D modeling software for customer pre-approval and manufacturing reliability

Choose the UltiMate™ Precision 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 electrically powered machine is preferred.

Scan with your Smartphone to learn about our full product line.
UltiMate™ Precision Manipulator Arms

Manipulate your product with precision and ease using the UltiMate™ Precision manipulator arm. Regardless of product weight variations, no adjustments are required to handle variable payloads. The Ultimate™ Precision lift assist system will inherently maintain a clean and quiet working environment. 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

Examples of just some of our available custom end-effectors

100% Designed, Manufactured & Assembled in USA

UltiMate Precision Model | Weight Capacity Lbs. | Maximum Reach Feet | Maximum Vertical Travel Inches | Controls | Power Supply
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200 | 200 lbs. | 12' | 72" | Single or Variable Speed Controls Available On All Models. | All Models Available With: 120 VAC, 240 VAC, 460 VAC, or 12 VDC, 24 VDC, 48 VDC
400 | 400 lbs. | 10' | 60" |
600 | 600 lbs. | 10' | 60" |
1000 | 1000 lbs. | 10' | 60" |

It’s Time To Get Moving...

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