

# Mobulator™ AC

## The *Mobile Manipulator*

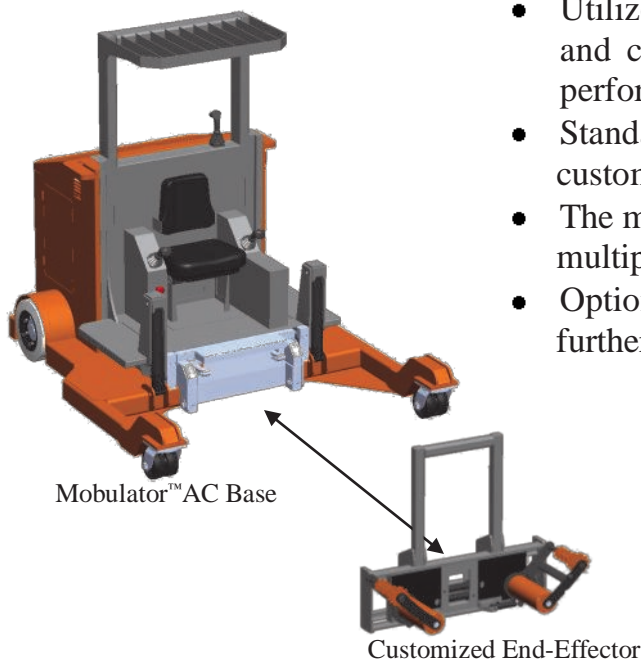
### Designed to Lift, Transport, *and* Manipulate Your Product

Introducing the newest innovation in manipulator technology. The Mobulator™ AC allows the operator to retrieve, relocate, and precisely place product all from the driver's seat. Gain the flexibility to take the "line" out of assembly.

### Designed With Electric, Energy Efficient, AC Motor And Control Technology

Provides safe, clean, quiet and emission-free power with minimal maintenance. Increased productivity, energy efficiency and maximum performance.

- Provides superior visibility and clearance during product transport and positioning.
- Precise product placement with customized end-effectors maintains product integrity.
- Utilizes clean, energy efficient, electric AC motor and control technology which provides improved performance and increased productivity.
- Standard model provides up to 6000 lbs. capacity; custom machines accommodate up to 20,000 lbs.
- The mobility of one machine is able to replace multiple material handling stations.
- Optional *quick-attach* end-effectors available to further multitask one machine.



### Product Examples

Transmissions    Frames  
Chassis            Engines  
Rolls  
Castings  
Glass  
Axles  
Weldments



*Manipulative behavior you'll thank us for.*



# Mobulator™ AC

## The *Mobile* Manipulator

### Designed for Performance, Safety and Productivity

#### Performance

- Durable Design to Withstand Rugged Work Environment
- Advanced AC Technology Provides Smooth Movement, Precise Control
- End-Effectors Made Product Specific
- User-Friendly Joystick Controls
- Powerful; Up To 20,000 lbs. Capacity
- Zero-Turn Maneuverability

#### Safety

- Emission-Free Electrical Power
- Ergonomically Designed
- Quiet Operation
- Minimal Vibration ; Smooth Motion
- Repetitive Lifting of Large Loads With No Injuries
- Maximum Visibility During Loading, Transport, and Manipulation

#### Productivity

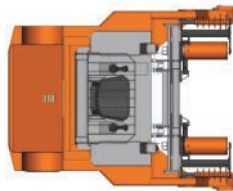
- Streamline Material Handling Processes; Multi-Task One Machine
- Free Floor Space of Tracking, Rails, Floor Mounted Obstructions
- Ease of Operation Maximizes Use Of Existing Workforce
- Maintains Product Integrity, Including Intricate Products
- Energy Efficient AC Technology

#### Features

- AC drive motor and controller provides faster performance, improved control, greater power efficiency, elimination of fuel emissions, and less maintenance due to brushless motors.
- 48 Volt power supply along with AC technology provides exceptional power and longer operation per charge.
- Superior maneuverability with zero turn.
- Operator friendly joystick controls for both driving and manipulator functions.
- Customized end-effectors to accommodate virtually any product and weight load.

#### Options

- Bi-directional movement; drive and manipulate product in forward *and* reverse mode.
- Quick-attach end-effectors to multitask one machine.



Model	Weight Capacity Lbs	Vertical Travel	Voltage	Drive System
AC10	1000	24"	48	AC Programmable
AC30	3000	24"	48	AC Programmable
AC60	6000	18"	48	AC Programmable
Custom	To 20,000	Custom	Custom	Custom

