Features & Benefits

- **Leveling Bolt** – Allows precise leveling of unit with X-Base
- **Simplified Single Plate Saddle Design**
  Allows for open surfaces on top and front of ram for mounting of fixed equipment.
- **Predrilled Weld Head Mounting Bracket**
  Easily bolts on to adaptors based on your weld head without additional drilling.
- **Linear Rail/Bearing Guideways (One Rail Per Axis)** – Simplifies installation.
- **Enclosure Mounted to Mast**
  Simplified access limiting vertical movement on boom
- **Helical Rack/Pinion on Ram/Boom**
  Quiet and smooth running. Allows more precise adjustments
- **Cable Cutouts in Front Face of Ram/Boom**
  Allows for routing of cables with equipment mounted to end of ram
- **Machine Screw Jack Lift Mechanism**
  Increases safety because load is in constant tension
- **Fork Pockets on X-Base and Lifting Lug**
  Allows unit to be moved by forklift or crane.
- **Motor Limit Switch** – Prevents damage to unit.
- **Assembled Height**
  Six foot unit has a low profile mast for shipping in up right position.
  8x8 ships disassembled.
- **Rotational Bearing Ring**
  Simplifies assembly versus previous spindle design
PrestonEastin offers four base options to meet your application need

**Anchor Plate**
Cost effective solution; The 30”x30” flat plate with anchor holes for installing manipulator in a fixed location. Smaller footprint than the X-base, but **MUST BE ANCHORED TO THE FLOOR**.

**X-Base**
Freestanding base option; includes leveling bolts with thru holes for anchors. Anchoring is recommended. Includes fork lift pockets for ease of positioning.

**Manual Travel Car**
Travels along one axis, forward and back. Will work unguided on a flat concrete floor, or guided on a 39” C/L v-groove track. Includes fork lift pockets for ease of positioning.

**Powered Travel Car**
Travels along one axis, forward and back. Will work unguided on a flat concrete floor, or guided on a 39” C/L v-groove track. Includes fork lift pockets for ease of positioning. 120v 1ph AC powered with hand pendant control.

**ACCESSORIES**

**Cable Carrier Set**
For cable installation; includes brackets and cable carriers for mast and ram; Cable opening 1.6” x 6.6”.

**Cable Strain Relief**
For supporting cables installed through the end of the ram; can be mounted to Whitetail MA200 Series and Medium Duty Manipulators.

**Power Supply Shelf**
For mounting of welding power supply; 36”x24” platform; Rotates with manipulator.

**12-Inch Riser**
Installs between manipulator rotational bearing ring and any of the four base options; Adds 12” of overall height to the manipulator; Can be stacked two high (maximum 24” height addition).
SPECIFICATIONS

MA200 Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA200-66</td>
<td>6 x 6</td>
<td>96.75 in.</td>
<td>6 ft.</td>
<td>84.4 in.</td>
<td>6 ft.</td>
<td>20.4 in.</td>
<td>100.3 in.</td>
<td>111 in.</td>
<td>25 in.</td>
</tr>
<tr>
<td>MA200-88</td>
<td>8 x 8</td>
<td>120.75 in.</td>
<td>8 ft.</td>
<td>108.4 in.</td>
<td>8 ft.</td>
<td>20.4 in.</td>
<td>124.3 in.</td>
<td>135 in.</td>
<td>25 in.</td>
</tr>
</tbody>
</table>

Note: Dimensions shown do not include height of optional bases.

Standard Specifications:
Rating: 200 lbs on either or both ends
Lift Motor: ½ HP Inverter-Duty AC Motor
Ram Motor: 1/6 HP Inverter-Duty AC Gearmotor
Mast: Up-Off-Down
Base Rotation: Manual with Swivel Lock
Ram: Forward-Off-Reverse (Variable Speed)
Horizontal Ram Speed: 6-118 inches per minute
Vertical Mast Speed: 36 inches per minute
Hand held pendant
Input Voltage: 115V

Standard Base Options:
Anchor Plate – This is a cost effective flat anchor plate for installing manipulator in a fixed location; Footprint is smaller than the x-base, but MUST BE ANCHORED TO THE FLOOR
X-Base – Freestanding base includes leveling bolts w/thru holes for anchors. Anchoring is recommended. Includes fork lift pockets and lifting lug for ease of positioning
Manual Travel Car – Will work unguided on a flat concrete floor, or guided on a v-groove track. Includes fork lift pockets for ease of positioning
Powered Travel Car– Travels along one axis, forward and back. Will work unguided on a flat concrete floor, or guided on a v-groove track. Includes fork lift pockets and lifting lug for ease of positioning. Powered Travel Car 120v 1ph AC powered with hand pendant, Variable speed; 3-60 inches per minute.

Available Options:
Cable Carrier Set – For installation of supply cables; Includes brackets and cable carriers for mast and ram; Cable opening 1.6” x 6.6”
Cable Strain Relief – For supporting supply cables installed through the end of the ram/boom
12” Riser – Installs between manipulator swivel bearing and any of the four base options; Adds 12” of overall height to the manipulator; Can be stacked two high (maximum 24” height addition)
Power Supply Shelf – For mounting customer welding power supply; Attaches above swivel bearing and rotates with mast