DORSI
MANIPULATOR ARMS

WHEN YOU NEED LIFTING MUSCLE

AURA Systems Inc.
Material Handling Equipment Available:

- Articulated Jib Cranes
- Torque Arms
- Articulated Lifting Arms
- Industrial Manipulators
- Vacuum Technology
- Pneumatic Overload Circuit
- Machine Loading Systems
- Industrial Manipulators

Dorsi Manipulator Arms, base or overhead mount configurations. Custom mountings are also available.

Features:

- Up to 360° rotation
- Capacities from 100 to 500 lbs.
- Operator Adjustable Handle Bar
- Spring Set/Pneumatic Release
- 6-11 ft. Radius

Aura’s Dorsi Manipulator Arms, multiple uses, standard arms, custom engineered arms to meet your specific requirements.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Capacity</th>
<th>Maximum Reach Feet</th>
<th>Maximum Vertical Travel Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM75630</td>
<td>75 lbs</td>
<td>6'</td>
<td>30”</td>
</tr>
<tr>
<td>FM751260</td>
<td>75 lbs</td>
<td>12'</td>
<td>60”</td>
</tr>
<tr>
<td>FM1001260</td>
<td>100 lbs</td>
<td>12'</td>
<td>60”</td>
</tr>
<tr>
<td>FM2501060</td>
<td>250 lbs</td>
<td>10’</td>
<td>60”</td>
</tr>
<tr>
<td>FM400848</td>
<td>400 lbs</td>
<td>8’</td>
<td>48”</td>
</tr>
<tr>
<td>FM600848</td>
<td>600 lbs</td>
<td>8’</td>
<td>48”</td>
</tr>
</tbody>
</table>
Superior Performance and Quality:

- 360° Continuous Post Rotation
- Push Button Metering Valve Control
- Adjustable Friction Brakes
- Precision Bearings and Thrust Washers at Rotation Axis for Smooth Motion
- Low Maintenance System

Dorsi customized to accommodate virtually any weight or application.

- Floor Pedestal
- Fixed Overhead
- Overhead Trolley
- Building Column
- Portable Base

Dorsi Advantages:

- Increased Productivity
- Easy Installation
- Operator Safety
- Ease of Movement
- Durable
- Increased Profits

Standard Overhead Mount Shown

DORSI Manipulator Arms standard configurations and full custom designs.

Pneumatic Multi-chamber Cylinders, tremendous force in a small package.

Pneumatic Parking (rotation) brakes at each pivot point to park or store arms when not in use.

CUSTOM END EFFECTORS

Aura Systems years of experience designing and manufacturing of end effector tooling.

End Effector Types Available:

- Pneumatic
- Vacuum
- Magnetic
- Manual
- Physical Clamping
- Any Combination

Low height Articulating Arm with vacuum suction cups designed to install underbelly guarding on an excavator

Custom Hybrid Battery Installation Manipulator

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