Incorporates the low headroom flexibility of the Articulated Jib Boom combined with the straight vertical lift of the Vertical Lift Cylinder. Positech’s low-profile Transfer Arm allows placement in areas too confined to accommodate larger material handling equipment and handles loads up to 500 pounds.

Low Profile
Compact

Positech’s low-profile Transfer Arm allows placement in area too confined to accommodate larger material handling equipment. Specifically designed for minimum vertical travel and to fit limited-access work cells, this machine is well-suited for loading and unloading machining centers and for positioning assembly. Mounting options include pedestal, portable base, and overhead fixed or on trolleys.

Standard or customized tooling and controls are available to meet your requirements.
For Performance and Quality
• Fits into work cells too small for larger material handling equipment
• Hydraulic and pneumatic models
• Push-button metering valve or balance controls lift/lower for ease of operation
• Hardened lift-section components for extended service life
• Standard reach and vertical travel can be modified to fit requirements
• Drag Brakes on 3 axes for personalized adjustment
• End of arm rotating axis has: up to 12,000 inch pounds of end of arm moment loading.
• Mounting options include pedestal, portable base, and overhead fixed or on trolleys
• Power/control unit remote mount for operation in explosive of clean room environments.
• Pneumatic is designed to be operated with clean and dry air
• Precision bearing and thrust washers at joints for smooth motion and long life

Safety Features
• 5:1 design factor minimum on all structural components
• Pilot operated lock valve on lift cylinder and gripper cylinders prevents vertical arm movement and loss of payload if supply pressure is interrupted
• Gripper Safety Circuitry available. Prevents accidental release of unsupported parts

Specifications for Standard Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Lifting Capacity (lbs.)*</th>
<th>Vertical Lift (in.)</th>
<th>Reach (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATA-3**</td>
<td>300</td>
<td>24</td>
<td>72</td>
</tr>
<tr>
<td>ATA-5**</td>
<td>500</td>
<td>24</td>
<td>72</td>
</tr>
<tr>
<td>TTA-3***</td>
<td>300</td>
<td>24</td>
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</tr>
<tr>
<td>TTA-5***</td>
<td>500</td>
<td>24</td>
<td>72</td>
</tr>
</tbody>
</table>

* Includes payload and tooling
** Requires 90 PSI air to operate at rated lift capacity
*** Standard 110-volt AC at 20 amps
Options available for extended lift and reach

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