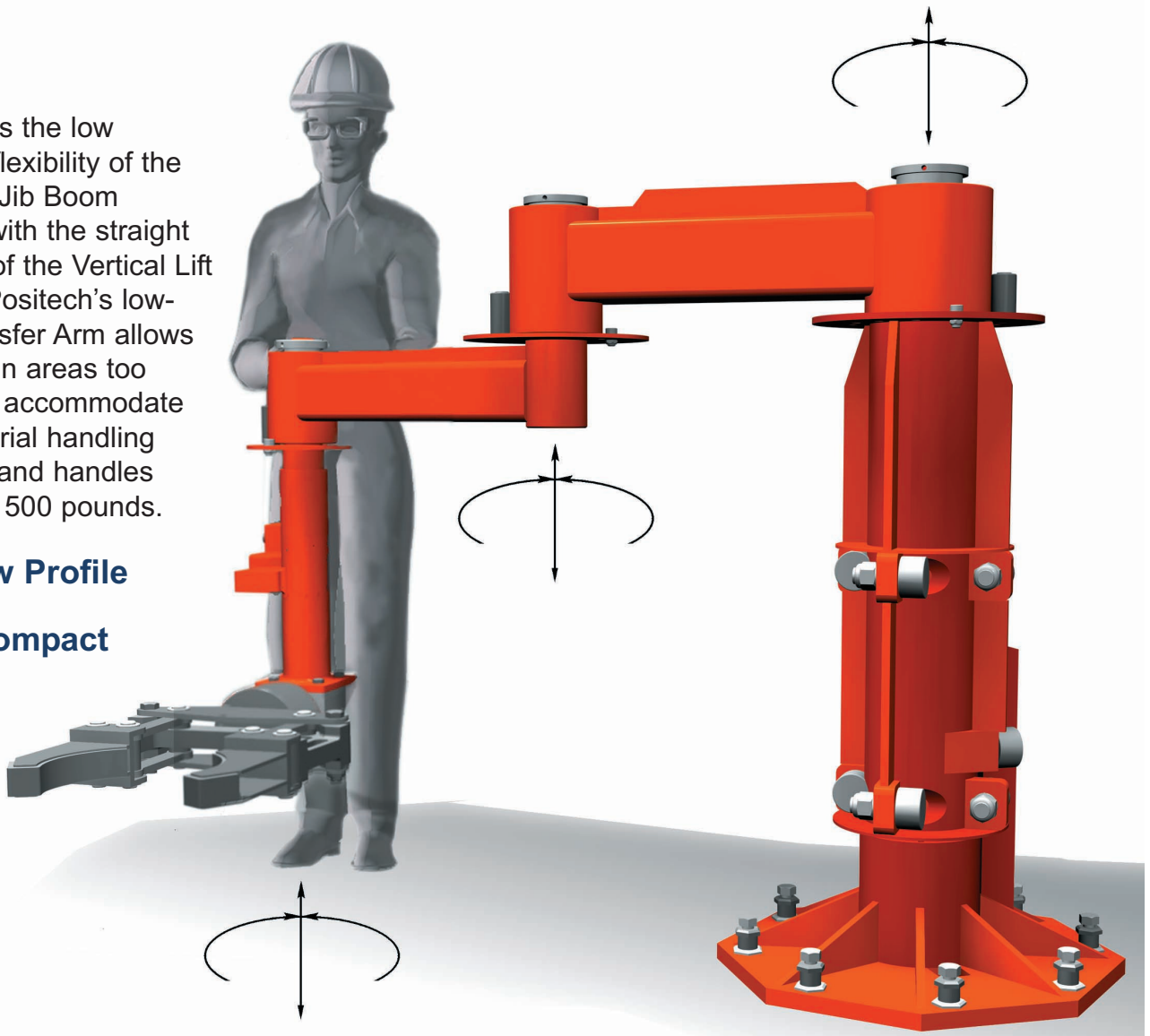


Transfer Arm™

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.

Positech™
A Division of American Handling Systems, Inc. Corporation

191 North Rush Lake Road
Laurens, Iowa 50554
Tel: 1-800-831-6026 or 712-841-4548
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E-mail: sales@positech.com
Website: www.positech.com



Quality System Registered
ISO 9001:2000/Q9001:2000
Certificate QSR-496

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

Model	Lifting Capacity (lbs.)*	Vertical Lift (in.)	Reach (in.)
ATA-3**	300	24	72
ATA-5**	500	24	72
TTA-3***	300	24	72
TTA-5***	500	24	72

* Includes payload and tooling

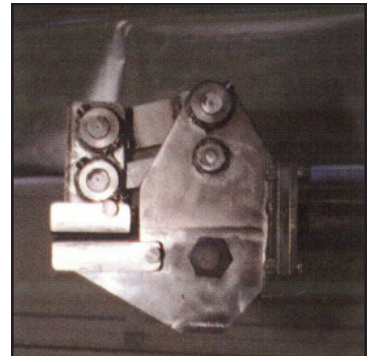
** Requires 90 PSI air to operate at rated lift capacity

*** Standard 110-volt AC at 20 amps

Options available for extended lift and reach



Tool allows for the automated transfer of tables and desktops with specially designed vacuum tool that allows product to be placed on a conveyor.



A nickel alloy tool positions parts into a furnace during the heat treat process.



Special gripper handles solid fuel rockets during test and assembly for defense project.



Tool grips and manually rotates a handling basket used for plating 250 pound parts

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