

# TUBE LIFTERS & PALLETIZERS/DEPALLETIZERS



## MAGNETIC TUBE LIFT SYSTEMS

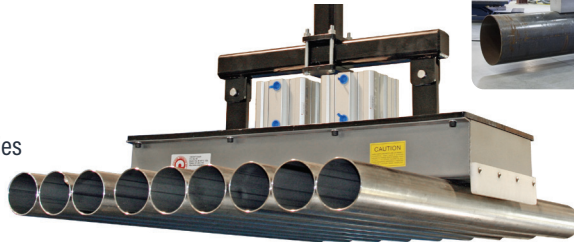
The Magnetic Tube Lifter transfers steel tubes from pallets, racks, work stations and more. In manual applications, this unique design allows one person to safely and effectively move and load steel tubing. Tube lifters can also be designed for automated applications to transfer tubes within a system. The Magnetic Tube Lifter features specially designed permanent magnetic lifting heads to lift a variety of tube shapes, diameters and wall thicknesses. To release tubes from the powerful magnetic heads, air cylinders are activated lifting the magnets up inside of the housing, allowing the tubes to be set down.

### APPLICATIONS:

- » Loading/Unloading saws, cutting stations, welding cells and pallets
- » Transferring tubes for hydroforming
- » Moving single or multiple tubes between work stations

### BENEFITS:

- » Works on round, square & custom shaped tubing
- » Reliability of a permanent magnetic lift with On/Off capabilities
- » Fail-safe design (No battery backup required)
- » Will not drop parts during a power or air loss



For more information on this product, contact us by phone, email or visit our website to request a Tube Lift Tech Sheet.

## TRANSPORTER® - CYLINDER ACTUATED (TPCA)



Transporter® Magnets are ideal for use where vacuum cups and grippers are typically used for lifting and moving steel sheets, blanks, stamped parts and complete assemblies.

### APPLICATIONS & BENEFITS:

- » Automated press to press transfer systems
- » Robotic "Pick & Place"
- » Manual and automated machine loading/unloading
- » Outlasts vacuum cups in most applications
- » Grasps odd shaped or perforated parts
- » Increases production and reduces shop air costs
- » Designed for long, maintenance-free operation
- » Operates effectively in any orientation
- » Will not drop parts if system air-loss occurs
- » Destacking (requires proper magnet selection)

### OPTIONS:

- » Solenoid control valves
- » Custom designed magnet housings
- » Alternate magnetic circuits for specific lifting requirements
- » Magnet mounted control valves
- » Magnets designed into ergonomic lifting systems

### FEATURES:

- » Will not drop parts during a power or air loss
- » Instantaneous pickup and release
- » Permanent magnet requires no electricity



### Cylinder Actuated Transporter® Magnets (TPCA)

The patented Transporter® utilizes a Rare Earth, Permanent Magnet to pick and place metal parts in automated transfer and manually operated material handling applications. Offering more options for pick-up points on stamped, forged and formed parts or complete parts assemblies. Offers increased material handling safety and a significant reduction over vacuum cups in shop air costs.

Ideal for steel lifting applications in the Automotive, Appliance and Office Furniture industries and available in many standard and custom configurations to best suit the needs of your application.

For more information on this product, contact us by phone, email or visit our website to request a Transporter Tech Sheet.

## MAGNETIC PALLETIZERS AND DEPALLETIZERS



### Safely and efficiently transfer steel items to be palletized or depalletized

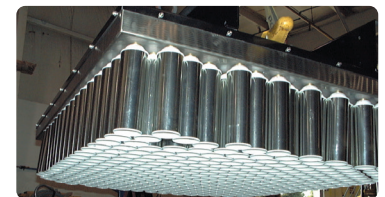
Custom designed Palletizers/Depalletizers provide a safe and efficient method of transferring of steel items without the need for additional holding devices.

Typically equipped with pneumatic releases, Palletizers/Depalletizers are ideal for automated transfer of full or empty food and beverage cans, brake drums and rotors, jars with steel lids, paint cans, composite cans, batteries, oil filters and more!

### BENEFITS:

- » Reliability of a permanent magnet with the On/Off capabilities of an electromagnet
- » Increased production for palletizing or depalletizing steel items
- » Reduced repetitive labor

For more information on this product, contact us by phone, email or visit our website to request Palletizer Tech Sheet.



Shown with suction cups for transferring slip sheets

