



## ■ 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)



### Cylinder Actuated Transporter® Magnets (TPCA)

The patented Transporter® utilizes a powerful, 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.

### Features

- Positively holds parts - no dropping
- Instantaneous pickup and release
- Permanent magnet requires no electricity

### 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

For more information on this product, contact us by phone, email or visit our website to request Tech Sheet AG-01B.

## ■ Transporter® LP Low Profile (TLP)

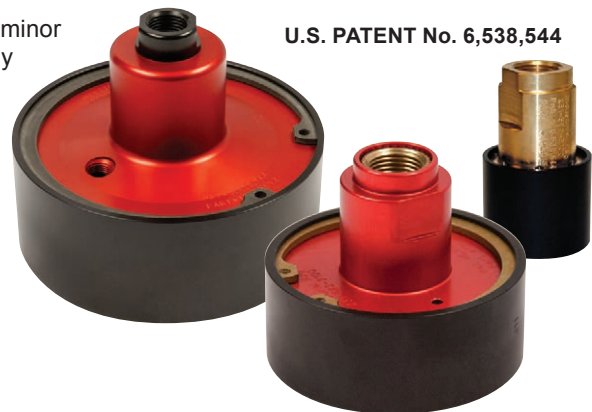


### Low Profile (TLP) Transporter® Magnets

The Transporter® LP is designed to directly replace vacuum cups with minor tooling and valve adjustments. Powerful Rare Earth magnets positively hold the parts during transfer, greatly reducing the chance of slipping and shifting of your part due to oily coatings. An optional "low-skid" boot is also available to increase grip on parts during transfer. A short burst of shop air pressure is applied in order to release parts.

### 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
- Class "A" blank protection with covered magnets
- Destacks without double-blanking with the right magnet for the application
- Reduces noise
- Powerful Rare Earth magnet positively holds parts - no dropping or shifting in the event of air loss
- Threads onto a variety of typical 3/8 NPT vacuum cup tooling, including quick disconnect adapters
- TLP30 Models available with optional 3/8 BSPP Fitting - British Standard Pipe Parallel Thread
- Lightweight, low-profile design for minimal die clearance
- Easy installation on existing tooling booms or robotic face plates
- Instantaneous pick-up and release
- Uses up to 95% less air than vacuum cups



For more information on this product, contact us by phone, email or visit our website to request Tech Sheet AG-01C.