

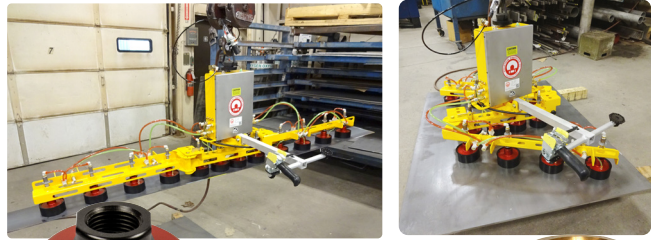
TRANSPORTERS® & END OF ARM TOOLING



TRANSPORTER® LP LOW PROFILE (TPLP)

Low Profile (TPLP) 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. Perfect for automated press to press transfer systems, robotic pick & place systems and machine loading/unloading



FEATURES:

- » Uses up to 95% less air than vacuum cups
- » 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
- » Class "A" blank protection with covered magnets
- » Destacking option prevents double-blanking
- » 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
- » Lightweight, low-profile design for minimal die clearance
- » Easy installation on existing tooling booms or robotic face plates
- » Instantaneous pick-up and release



Transporter LP Options

Double Acting (Option DA): Features O-Ring seals & extra air inlet that allow a short blast of air to engage or disengage the grip function. The double acting option is only available on the TPLP30 & TPLP50 magnets. Operates at a low pressure of 20 psi (30 psi maximum), allows use of 1/4" Lines & can run up to 16 magnets from 1 valve.

De-stacking (Option DS): The de-stacking option is required for applications de-stacking metal that is thinner than .0478" (18 ga) with the TPLP30 model. The de-stack option features a special magnetic circuit that is designed to de-stack sheets as thin as .030" (22 ga). The optional low-skid boot is required for certain applications.

3/8 BSPP Fitting (Option BS): 3/8 British Standard Pipe Parallel Thread, available on TPLP30 models only.

Transporter LP Accessories

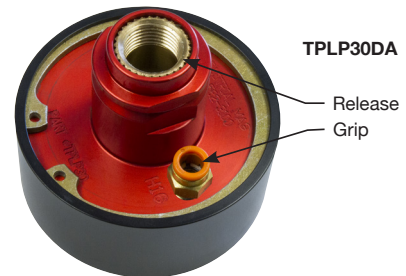
We offer a large selection of TPLP accessory to handle your installation, operation and maintenance requirements such as various mounting options, manifolds and magnet face covers.

The Bulk Head Spring Mount is ideal for installation on end user specified mounting plates. The Proximity switch mount is designed for the TPLP15 and TPLP30 and accepts a 12mm proximity switch.

The **Swivel Mount** or **Spring Compensator** can be added to new or existing Transporter TPLP30's for best part compliance. These lightweight, anodized, aluminum constructed mounts fit most TPLP30 magnets to accommodate material variances and uneven surfaces. Low center of rotation allows magnet to stay on target. Our newly styled upper housing was redesigned with a groove to accommodate these mounts. If your TPLP30 does not contain a mounting groove, a replacement upper housing can be purchased.

Low Skid Boots and Pads protect against marring of class "A" blanks while reducing the likelihood of part shifting and extending the life of the magnet by protecting the face from wear and. The boots cover the edge of the cup for complete blank protection while the pads cover the face of the cup for increased wear protection to extend the life of the magnet.

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



Swivel and Spring Compensator mounting fixtures available for new and custom tooling installation.

