

## TRANSPORTERS® & END OF ARM TOOLING

### TRANSPORTER® SWITCH SERIES (TPS)

*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
- » Will not drop parts if system air-loss occurs
- » Reduces noise
- » Maximum operating temperature 140°F (60°C)
- » Destacks\* without double-blanking when the appropriate magnet is selected for the application
- » Double Acting
- » Maintains magnetic state in event of air loss
- » Easy to retrofit on existing tooling
- » Sensors available to provide gripper state feedback
- » Instantaneous pick-up and release
- » Uses up to 95% less air than vacuum cups
- » Friction plate option: Non-marring face, lowers holding value, see chart.

#### OPTIONAL EQUIPMENT:

- » Apple core mount
- » Ball mount
- » 3/8" NPT mount
- » V-brackets to keep rounds or 90° degree shapes centered on the magnet. Made of UHMW to provide
- » Non-marring contact.

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

Non-marring version



### TRANSPORTER® MAGVAC (TPMV)

The Transporter® MagVac combines magnet technology with vacuum cups to create a next generation lifting tool.

#### BENEFITS:

- » Powerful magnetic gripper combined with a vacuum cup for powerful holding
- » Lift steel or perforated parts as well as aluminum and stainless steel
- » Perfect for robotic systems, press transfer systems and all sheet metal applications
- » Vacuum pads can be removed for single use as a standard lift magnet on ferrous parts
- » No more replacing vacuum cups every week
- » No dropping parts from loss of air (for ferrous parts), excess mill oil or weld slag
- » Maximum temperature of 176°F (80°C)
- » All suction cup pads are made from Thermoplastic Polyurethane/TPU



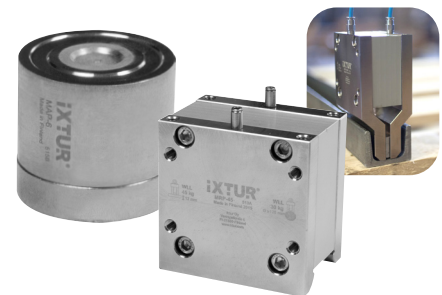
**For more information on this product, contact us by phone, email or visit our website to request a Transporter Tech Sheet.**

### IXTUR® PNEUMATIC MAGNETS

IXTUR Pneumatic 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. Perfect for automated press to press transfer systems, robotic pick & place systems and machine loading/unloading.

#### BENEFITS:

- » Outlasts vacuum cups in most applications
- » Grasps odd shaped or perforated parts
- » Increases production and reduces shop air costs
- » Operates effectively in any orientation
- » Will not drop parts if system air-loss occurs
- » Maximum operating temperature 122°F (50°C)
- » Double-Acting ON/OFF - Air pressure required only to change state from off to on and on to off.



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