

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
- » 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
- » 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.



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

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



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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.

ROBOMAG™ QUICK CHANGER

Under 3-Second Changes. Any Tool. Unbeatable Price. Maximize your production time with rapid, 3-second magnetic/vacuum tool changes at an unbeatable price, minimizing cycle times and boosting efficiency. IMI's new RoboMag™ Quick Changer Integrated Unit includes the famous Transporter® Low Profile which helps it to outperform vacuum cup style and grip style end effectors as it integrates seamlessly with major collaborative robot manufacturer's units.

FEATURES:

- » Integrates with collaborative robots
- » Automated tool changes in under 3 seconds
- » Low-cost option
- » Positively secures different end of arm tools for different applications
- » Fail-safe patented locking mechanism
- » Operates on 25 to 60 psi shop air
- » Increases productivity and efficiency by eliminating manual tool changes
- » Custom designs for unique tools and applications
- » 3D Printed: perfect for low to moderate payload capacities that are often suited for cobots



RMQ3TS3M



RMQ3KS38N05

