

## ■ 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



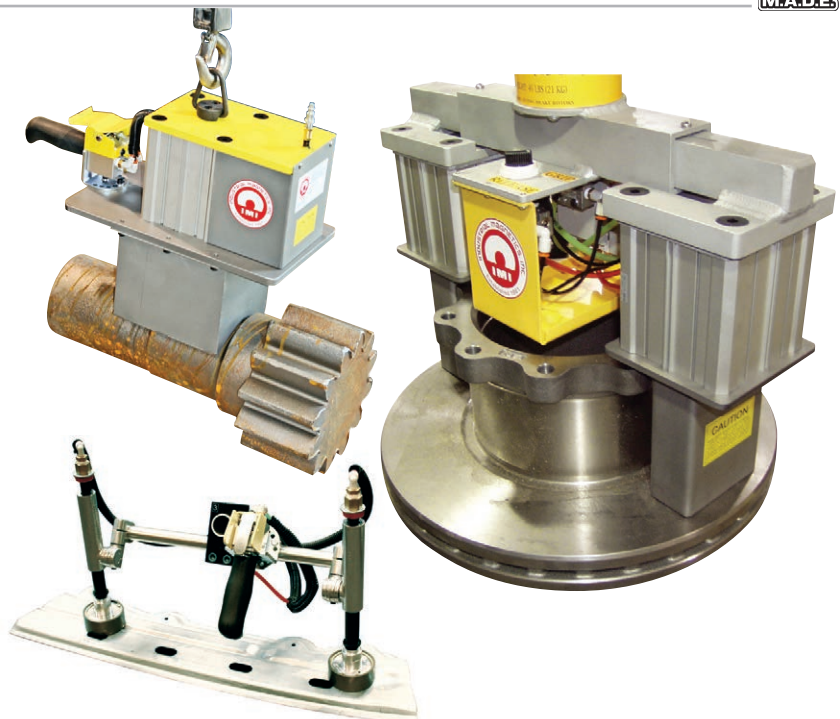
For more information on this product, contact us by phone, email or visit our website to request Tech Sheet AG-01E.

## ■ Lift Assists



Transporter® Technology is the use of permanent magnets to hold, lift and convey ferrous metal objects with the On/Off capabilities similar to an electromagnet. These permanent magnets use only a short blast of shop air to move the magnet away from the steel it is holding. Once the magnet is moved away from the steel, air gap is created and the part is released. If a power outage occurs during use, the “fail safe” of this tooling is always “ON”, protecting product and equipment from damage also reducing the chance of employee injuries.

IMI specializes in designing the right Transporter® magnet for your application based on the shape, weight and dimension of the part, how it is moved and the orientation of the part. IMI integrates Transporter® magnets with end-of-arm tooling, intelligent lift devices, under-the-hook lifting, robotic and PLC controlled systems. Let IMI design a material handling solution for you.



## ■ Custom Length Channel Magnets



An additional center mounting hole is provided on channel magnets that are 24” or longer. Special mounting available upon request. Ceramic Magnet. Channel is 9/16” thick.



### Features

- Full length magnetic holding force
- Countersunk holes for mounting

\*CUSTOM LENGTH -To be specified by customer.  
Most common lengths range from 12” to 48”.

Pull (lbs/in)	Wd. (in)	Model No.
1.5	3/4	MR1800
2.7	1	MR1900
5	1-3/8	MR2000
5.7	1-5/8	MR2100
6.5	2-3/8	MR2101