



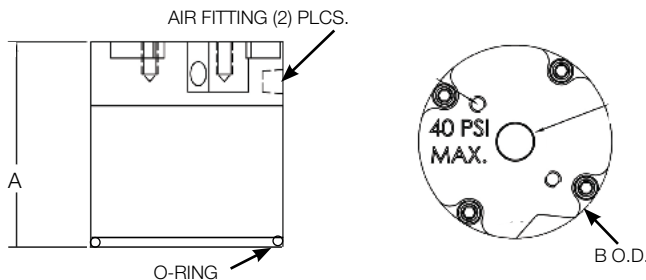
MAGNETIC PRODUCTS, INC.

ENGINEERED METAL CONTROL SOLUTIONS

Permanent Magnetic Parts Lifter

Series: PMPL

MPI's exclusive "Fail Safe" feature is built into each magnet. Once the powerful permanent magnet is engaged, only air pressure in the reverse "off" direction will disengage the unit, even if the airline is disconnected or loses pressure. This process ensures a positive connection between your parts and the working surface of the Permanent Magnetic Parts Lifter.



PMPL Selection Guide

PMPL Model #	"A"	Diameter
PMPL-175-250-REN-S	2.50"	1.75"
PMPL-300-350-REN-S	3.50"	3.00"
Holding Values		
Material Gauge	PMPL-175-250-REN-S	PMPL-300-350-REN-S
26 Gauge	5.0 lbs.	20.5 lbs
18 Gauge	5.25 lbs.	30.5 lbs
12 Gauge	6.0 lbs.	34.0 lbs
7 Gauge	6.5 lbs.	36 lbs.

All values are maximum break away. To maintain safety standards, lift magnets should be used at 1/3 of their breakaway capacity

Application

MPI's Permanent Magnetic Parts Lifter is designed for ferrous parts and the direct replacement of vacuum cups located on ferrous parts transfer systems.

Operation

This powerful rare-earth magnet is activated by air pressure. An air valve (provided by customer) controls both on and off operation by connecting flexible airlines to the quick disconnect fittings. Air pressure ranging from 40-60 PSI is all that is required to operate the unit.

Standard Features

- CNC Machined from T-6061 Billet Aluminum
- MPI's exclusive replaceable and easy to change O-ring non-marring face
- Low air consumption and quiet operation
- Air supply controls positive part pick up and release with no internal spring unlike other brands
- Longer lasting solution compared to vacuum cups

Options

- Steel Airline Fittings
- Non-Standard Unit Sizing
- Suction Cup Adapter Plate, for simple retro-fit applications on existing lines
- Custom magnetic circuits to meet customer specific applications available on request

**Specifications subject to change*

Series PMPL Version 2.0 © MPI

MPI

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