



Pneumatic Automated Fanner Magnet

Series: PAFM

- Designed specifically for fully automated production lines
- Eliminates residual magnetic field when off, improving operator safety
- Increasing productivity and efficiency
- Enables easier handling of oily, sticky, polished sheets
- Powerful rare earth permanent magnet for fanning large sheets
- Compact and lightweight design for simple mounting to end of arm tooling



Application

Automated fanner magnets are designed for high-volume, PLC-operated production lines. Unlike traditional sheet separators, our exclusive system retracts the magnet away from the unit face, eliminating any residual magnetic field and allowing for safer and more consistent movement of metal sheets. MPI's pneumatic automated fanner magnets significantly increase uptime by eliminating "double sheets" when handling oily, sticky or pre-finished blanks in automated stamping, forming and shearing operations.

Operation

Pneumatic automated fanner magnets utilize one of the basic laws of magnetics: like poles repel and opposites attract. By inducing "like" magnetic fields into a stack of steel sheets or plates, repelling forces are created from sheet to sheet, forcing them to separate. When a new stack is positioned, the magnet is turned on and sheeting fanning occurs, requiring no operator interface with the magnets.



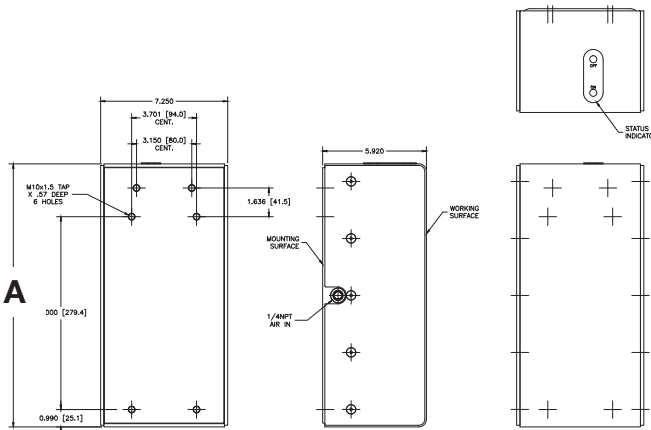
MPI's Pneumatic Automated Fanner Magnet is shown here with an optional pallet pin bracket.

Standard Features

- Powerful rare earth permanent magnet material
- Steel and stainless steel housing

Options

- Special mounting available
- Replaceable wear strips
- Pallet pin bracket



PAFM Selection Guide

Model #	Magnet Area	Overall Width (in.)	Overall Height (in.) "A"
PAFM-725-90	10"	7.25"	10"
PAFM-725-150	15"	7.25"	15"
PAFM-725-210	21"	7.25"	21"

*Specifications subject to change

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MPI

683 Town Center Drive, Highland, MI 48356 | p. 800.544.5930 | f. 248.887.6100
 info@mpimagnet.com | www.mpimagnet.com