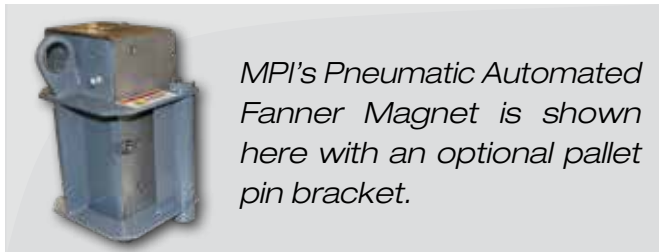




Pneumatic Automated Fanner Magnet

Series: PAFM

- Designed specifically for fully automated production lines
- Eliminates any 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



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

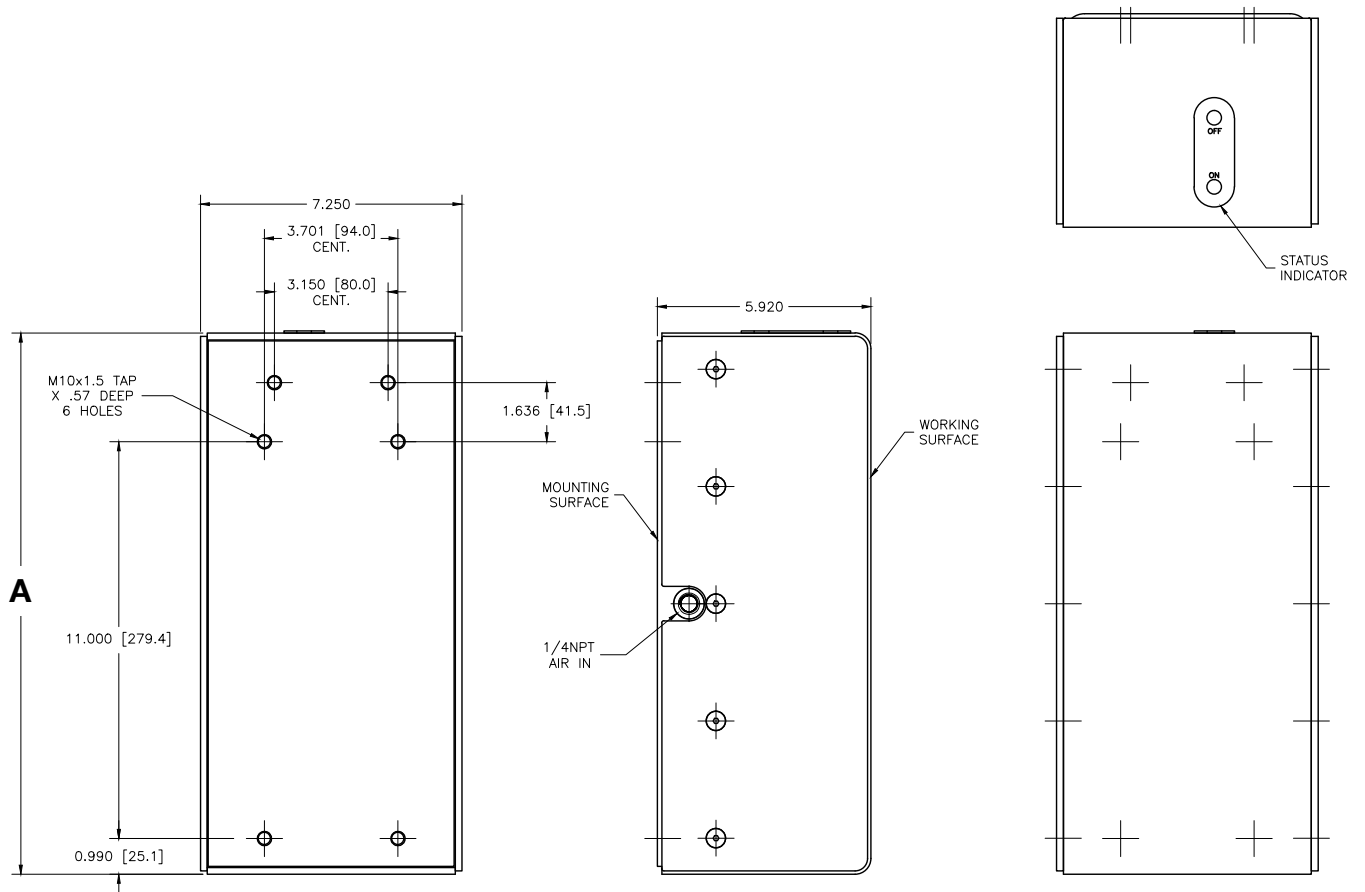


Application

Automated fanner magnets are designed for high-volume, PLC-operated production lines. Unlike traditional sheet separators, our exclusive system rotates the magnet away from the unit face, totally 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 magnetic poles repel and unlike poles 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 off and the new stack is loaded. The magnet is then turned on and sheeting fanning resumes, requiring no operator interface with the magnets.



PAFM Selection Guide

Model #	Magnet Area	Overall Width (in.)	Overall Height (in.) "A"
PAFM-725-100	10"	7.25"	10"
PAFM-725-120	12"	7.25"	12"
PAFM-725-140	14"	7.25"	14"
PAFM-725-160	16"	7.25"	16"
PAFM-725-180	18"	7.25"	18"
PAFM-725-200	20"	7.25"	20"
PAFM-725-220	22"	7.25"	22"
PAFM-725-240	24"	7.25"	24"

Standard Features

- Powerful rare earth permanent magnet material
- Steel and stainless steel housing
- Dual handle safety feature
- Lightweight, rugged design
- Automatic adjustment of sheets as stack decreases

Options

- Special mounting available
- Replaceable wear strips