



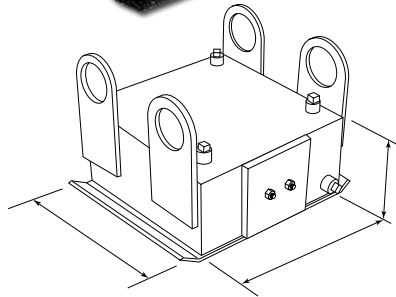
**MAGNETIC PRODUCTS, INC.**

ENGINEERED METAL CONTROL SOLUTIONS

# Quick-Clean Suspended Electromagnet

**Series : ERBM**

*\*Specifications subject to change*



## Standard Features

- Insulated copper coils
- Heavy-duty impact plate
- 4 point suspension
- Extremely powerful magnetic design: Manufactured with a high gradient balanced magnetic circuit
- Coils manufactured with Class “H” (or better) anodized aluminum strap for the “best in class” coil insulation performance
- Breather valve to allow expansion and contraction without using an external expansion tank
- Durable Nomex and Glastic materials to extend coil life

## Application

MPI's Quick-Clean Suspended Electromagnets are designed to remove both large and small types of tramp iron from product streams conveyed by vibratory bed or belts with speeds up to 250 ft. per minute.

## Operation

The Quick-Clean Suspended Electromagnets are a powerful oil-cooled electromagnetic plate magnet, suspended over conveyed product streams. The magnet should be located in an area on the production line that allows easy access for proper maintenance of the magnet and it should be operated in an area where no integral parts of the conveying system can become magnetized; such as idler rollers, pulleys or belt support plates.

## Options

- Self-cleaning models
- Heavy-duty DC power supply
- Non-flammable coolant

## Quick-Clean Suspended Electromagnet ERBM Selection Guide

Model	Magnet Width “A” (Inches)	Magnet Length “B” (Inches)	Magnet Height “C” (Inches)	Voltage	Wattage	Unit Weight (LBS)
<b>ERBM-18</b>	18	18	9	115 VDC	900	750
<b>ERBM-24</b>	24	24	12	115 VDC	1600	1000
<b>ERBM-30</b>	30	30	15	115 VDC	2500	1750
<b>ERBM-36</b>	36	36	18	115 VDC	3600	2500
<b>ERBM-42</b>	42	42	21	230 VDC	4900	3750
<b>ERBM-48</b>	48	48	24	230 VDC	6400	5250
<b>ERBM-54</b>	54	54	27	230 VDC	8100	7000
<b>ERBM-60</b>	60	60	30	230 VDC	10000	9000

**MPI**

Series ERBM Version 4.0 © MPI

683 Town Center Drive, Highland, MI 48356 | p. 248.887.5600  
info@mpimagnet.com | www.mpimagnet.com