

PERMADUR LIFTING MAGNETS

Electrical & Manual Solutions



ELECTRICAL

Permadur Electro-Permanent Magnets combine permanent magnetic strength with electric switching convenience. They require power only for activation or release, maintaining a secure grip even in the event of power loss. Built for reliability, they deliver energy-efficient, fail-safe lifting with an excellent strength-to-weight ratio. Available with customer-supplied AC or rechargeable battery in any capacity.

Key Benefits

- Power required only for switching
- High strength-to-weight ratio
- Customizable pole shoes for varied applications
- Special Control options from ON/OFF pushbutton with safety indicator light to radio remote controls available

MANUAL

Permadur Manual Magnets provide dependable lifting through a simple lever design with integrated safety locks. Built with rare-earth materials, they deliver strong capacity in a compact, rugged form. They require no external power, making them ideal for shops, fabrication yards, and field use.

Key Benefits

- No power required
- Rugged, low-maintenance design
- Lever control with safety lock
- Compact and portable

MODELS

Tripolar (TP) and Fivepole (FP) series of magnets for sheet, plate and block. Bipolar (BP) series magnets for round, angles, structural, and plate. REM/BPM for manual magnet applications.

USE CASES

Trusted in production lines, automated handling systems, machine shops, and remote sites where reliable lifting is essential.

PERMADUR STANDS OUT

- U.S.-based engineering & manufacturing for faster delivery
- Custom pole shoe designs and remote-control options
- Built to OSHA and ASME B30.20 standards
- Zero power draw during lift — sustainable and safe
- Proven service to steel service centers and fabricators

Since 1972, Permadur Industries has specialized in Below-the-Hook lifting equipment engineered for safety, productivity, and efficiency. A family-owned business based in Hillsborough, NJ, we provide tailored solutions that ensure loads are never dropped due to power loss. As part of the SISSCO Material Handling family, an executive member of the CMAA, Permadur delivers unmatched expertise in lifting technology.