

24 Volt LSM Magnet System

The 24 Volt LSM Magnet System is a portable lifting solution for ferrous materials where a dedicated generator is not economical. Whether you are railroad track sweeping, cleaning up a demolition site, or handling scrap and steel; the system is easily installed on a wide range of multi-purpose machines to handle even the toughest jobs.



Key Features & Benefits

Portable, Simple, & Efficient

- Easily move between machines
- No generator or hydraulic connections
- High idle request to maximize operating time
- Dedicated deep cycle batteries to prevent equipment battery drainage
- Duty cycle rating of 100% (12V) for sweeping, 75% (24V) for lifting

Minimal Installation

- Quick disconnect connections for controls & vehicle interface
- Dual inputs for continuous or momentary controls

Ease of Maintenance

- Readily available components without circuit boards
- LOTO capability to comply with jobsite safety
- Sealed truck box with stainless steel hardware

Applications

- Railroad Track Sweeping
- Scrap & Steel Handling
- Construction & Demolition

Compatible Equipment



Rail & Crane Trucks



Compact Excavators



Skid Steers



Back Hoes

LOTO Capability



Quick Disconnect Connections



Sealed Truck Box Design



Made in U.S.A.



| Technical Specifications | | | | | | |
|--------------------------|-------------------|-------------------|------------------------|-----------------------|---------|---------|
| Size (Dia.) | Cold Amps @ 12VDC | Cold Amps @ 24VDC | Magnet Shipping Weight | Single Slab or Billet | #1 H.M. | #2 H.M. |
| 25" | 40 | 80 | 700 | 3,100 | 450 | 230 |
| 30" | 40 | 80 | 1,100 | 6,000 | 650 | 390 |
| 34" | 40 | 80 | 1,300 | 8,200 | 870 | 470 |
| 43" | 40 | 87 | 2,900 | 26,200 | 1,293 | 775 |
| 43" ED | 43 | 87 | 4,200 | 27,000 | 1,625 | 1,060 |

Options

- Quick release on magnet for excavators
- Increased battery capacity for extreme operating conditions
- 12V or 24V input
- Custom panel design for different mounting configurations & constrained spaces



About Ohio Magnetics

For over one hundred years, Ohio Magnetics has designed and manufactured quality magnetic lifting systems and magnetic separation equipment, becoming a world leader recognized for industry excellence.

All Ohio Magnetics products are manufactured in the United States and sold both domestically and globally.

With a wealth of practical experience and manufacturing expertise, Ohio Magnetics works closely with customers to meet their unique needs, and develop innovative solutions that improve magnetic system productivity.

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100 YEARS

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