

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

LOTO Capability



Quick Disconnect Connections



Sealed Truck Box Design

Applications

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

Compatible Equipment



Rail & Crane Trucks



Compact Excavators



Skid Steers



Back Hoes



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
40"	40	80	2,100	9,900	1,120	530

Requirements for continuous operation:
 12V alternator-50 amps
 24V alternator-100 amps

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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