

Moley Magnetics, Inc.

# BATTERY POWERED LIFTING MAGNETS

**NO  
GENERATOR  
NEEDED**



**Moley Magnetics is constantly working to improve your operational effectiveness, safety and profitability.**

**[www.moleymagneticsinc.com](http://www.moleymagneticsinc.com) | 1 (844) 662-4638 | [info@moleyinc.com](mailto:info@moleyinc.com)  
Moley Magnetics, Inc. | 5202 Commerce Drive | Lockport, NY 14094**

# NO GENERATOR NEEDED

## 12V ESB Self-Contained Crane Magnet



- Fast and Easy Install!
- Comes with Integrated Charger
- Built-in Remote
- Our Most Cost Effective Magnet
- New Heavy Duty Steel Enclosure
- Up To 5 Hours Continuous Use With 105 AH Batteries

### SAVE TIME!

Our 12V Crane Magnet is fast and easy to install. This cost effective and dependable magnet is a simple way to add a magnet to your crane system.

### ALL-IN-ONE!

This reliable and efficient magnet comes with a remote, control box, and battery charger.

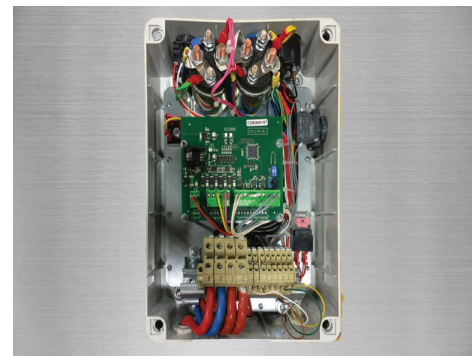
MAGNET	VOLTAGE	DIAMETER	AMPS	WEIGHT	HM # 1	HM # 2	SOLID
ESB 36	12V	36	80	2,200 lbs.	300 - 400 lbs.	150 - 250 lbs.	2,000 lbs



REMOTE



BATTERY



CONTROL BOX





## 12V or 24V ESB Skid Steer/Moley Mag II

One of the most affordable magnet systems on the market! The 12V Skid Steer/Moley Mag II is a robust heavy duty magnet ideal for scrap and demolition because they provide the option to pick up heavy steel, as well as the yard.

Offering all the power you would expect from a scrap magnet without the hassle of a generator, these systems are designed to be compatible with either 12-volt or 24-volt vehicle charging systems. These are ideally suited for scrap application where a high duty cycle is needed.



- **Fast and Easy Install**
- **Operates off Skid Steer 12 volt battery**
- **Dimensions: 40.5" x 22"**
- **Weight: 1,325 lbs**
- **Simple and Reliable Magnet System**
- **Operates off the 12V electrical system - hooks directly to battery of excavator/skid steer**
- **Economical to buy and maintain**
- **Easy Installation**
- **Comes with Control Box, Controller, and Cables**

MAGNET	VOLTAGE	AMPS	WEIGHT	LIFT CAPACITY (LOOSE)	LIFT CAPACITY (SOLID)	DUTY CYCLE
ESB SKID	12V	50	1325 Lbs.	140 - 280 Lbs.	3,600 Lbs.	75%
ESB 26	12V	40	700 Lbs.	140 - 280 Lbs.	3,600 Lbs.	75%
ESB 32	12V	40	1058 Lbs.	280 - 420 Lbs.	4,650 Lbs.	75%
ESB 36	12V	40	1874 Lbs.	420 - 525 Lbs.	6,000+ Lbs.	75%

# NO GENERATOR NEEDED

## 12/24V ESB Moley Mag II: Railroad

**An updated model designed specifically to meet Railroad requirements!**

- Taps existing battery power and converts it from the railroad equipment to which it's attached
- New Heavy Duty Steel Enclosure
- New Heavy Duty 32" Deep Wound Magnet Available
- Simple & Reliable Magnet Control System
- Easy Installation
- Low Cost/Low Maintenance

These 12/24V battery powered magnets allow for more efficient and less expensive recovery of Other Track Material (OTM).

The Moley Mag II taps the electric energy power supplied by the batteries of the excavator, loader, speed-swing or other equipment to which it's at-

### Railroad Applications:

**Sweeping Other Track Material (OTM)** - cooler running magnet allows for longer On times for faster recovery

**OTM Distribution** - delivery of spikes, tie plates, rails, clips and switches

**Loading & Unloading** - easy to install, magnets can be very easily moved from machine to machine

MAGNET	VOLTAGE	AMPS	WEIGHT	LIFT CAPACITY (LOOSE)	LIFT CAPACITY (SOLID)	DUTY CYCLE
ESB 18	12/24V	16/32	330 Lbs.	100 - 200 Lbs.	1,500 Lbs.	75%
ESB 26	12/24V	40/80	700 Lbs.	200 - 400 Lbs.	4,800 Lbs.	75%
ESB 32	12/24V	40/80	1058 Lbs.	400 - 600 Lbs.	6,200 Lbs.	75%
ESB 32 DW	12/24V	40/80	1540 Lbs.	600 - 750 Lbs.	8,000+ Lbs	75%
ESB 36	12/24V	40/80	1874 Lbs.	600 - 750 Lbs.	8,000+ Lbs.	75%



## 24V ESB Moley Mag II : Scrap & Demo

### ALL INCLUSIVE!

- Comes With Control Box, Controller, and Cables
- Simple & Reliable Magnet Control System
- Inexpensive to buy and run
- Easy Installation
- Optional Pistol Grip Controller
- Ideal For Unloading Trucks and Trailers

Everything you need in one package! These magnets come with everything you need to set it up - lead, cables, boom cable, whip, and magnet control. An economical option great for first time applications and convenience.

One of our most popular magnets - known for strength and efficiency! This robust heavy duty magnet is ideal for scrap yard clean up or demolition sorting.



MAGNET	VOLTAGE	AMPS	WEIGHT	LIFT CAPACITY (LOOSE)	LIFT CAPACITY (SOLID)	DUTY CYCLE
ESB 18	24V	80	330 Lbs.	100 - 200 Lbs.	1,500 Lbs.	75%
ESB 26	24V	80	700 Lbs.	200 - 400 Lbs.	4,800 Lbs.	75%
ESB 32	24V	80	1058 Lbs.	400 - 600 Lbs.	6,200 Lbs.	75%
ESB 32 DW	24V	80	1540 Lbs.	600 - 750 Lbs.	8,000+ Lbs.	75%
ESB 36	24V	80	1874 Lbs.	600 - 750 Lbs.	8,000+ Lbs.	75%
ESB 40	24V	90	2400 Lbs.	750 - 900 Lbs.	10,000+ Lbs.	75%
ESB 48	24V	100	3058 Lbs.	1170 - 1400 Lbs.	20,000+ Lbs.	75%

# Sorting Claw (ESA & ESB)

Our heavy duty Moley 2-in-1 Sorting Claw Magnet is a great way to maximize your profits! This "Hook-Up & Go" system has easy installation and can be used on multiple machines without the hassle of having to put a generator on each one.

Along with the powerful and efficient magnet, are extended scraping claws. These claws will loosen up dirt, gravel, and other debris - allowing access to metal pieces.

Available with our Battery Scrap Magnet (ESB) or our Fully Enclosed Hydraulic Scrap

- Quick Coupler Capable
- Hook-Up & Go!
- Easy Installation
- Various Sizes Available
- Ideal for waste, demolition, concrete recycling, and rock & dirt

**Moley 2-in-1 Sorting Claw Magnet (ESB)**



**Moley 2-in-1 Sorting Claw Magnet (ESA)**



MAGNET	WEIGHT	DIAMETER	VOLTAGE	KW	GPM	PSI	SLAB	H.M.	TURNINGS	EXCAVATOR
Claw ESA 32	2,006 lbs	32	230V	3.2	8	1450	7,950 lbs.	375 lbs.	155 lbs.	8 T
Claw ESA 42	3,542 lbs	42	230V	5.5	18	1450	12,125 lbs.	770 lbs.	440 lbs.	20 T
Claw ESA 50	4,576 lbs	50	230V	7.2	18	2030	30,850 lbs.	1320 lbs.	665 lbs.	24 T
Claw ESA 60	7,920 lbs	60	230V	11	18	2465	43,600 lbs.	1540 lbs.	792 lbs.	44 T

NOTE: The weight does not include bracket.

MAGNET	WEIGHT	DIAMETER	VOLTAGE	AMPS	LIFT CAPACITY (LOOSE)	LIFT CAPACITY (SOLID)	DUTY CYCLE	EXCAVATOR
Claw ESB 32	1,309 lbs	32	24V	80	400 - 600 Lbs.	6,200 Lbs.	75%	6 T
Claw ESB 36	2,123 lbs	36	24V	80	600 - 750 Lbs.	8,000+ Lbs.	75%	9 T
Claw ESB 40	2,673 lbs	40	24V	69	750 - 900 Lbs.	10,000+ Lbs.	75%	15 T

NOTE: The weight does not include bracket.

**Should you require immediate assistance, please call the  
Magnet Tech Service group at (844) 662-4638**