

# MAGNETS FOR THE MACHINE TOOL INDUSTRY

**MAG-MATE®**

## Magnetic Coolant Filters

Magnetic coolant filters capture and remove ferrous metal chips and particles from water based coolants. Incorporate this magnetic filter in the coolant circulation system for continuous separation of metal contamination on processing machines such as:

- Precision grinding machine
- Cylindrical grinding machine
- Surface grinding machine
- Washing machine
- Honing machine
- Centerless grinding machine
- Rotary grinding machine
- Hardening machine

### Benefits

- Reduces coolant replacement costs
- Use before paper filters to extend filter life
- Decreases equipment downtime
- Outlet can be located on right, left or bottom



## Mag-Maid - Clean Out Tool

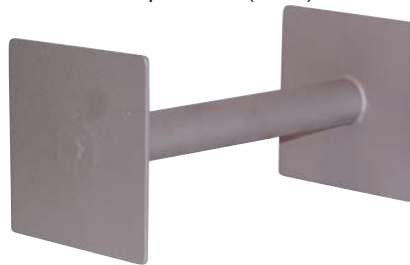
Safely remove metal chips and debris from machinery and work areas. The large comfortable handle is attached to powerful rare earth magnets inside the seam-welded, stainless steel tube. To clean this tool, pull the handle away from the stainless steel tube. Collected scrap metal will follow the magnet up the tube until it hits the stripper washer. Once the magnet is past the stripper washer and the metal falls off. No need to pull or wipe off collected metal. Available in 15" or 36" lengths. Maximum temp. 180°F (82°C).



## Fluid Tank Cleaner



Our fluid tank cleaners are designed to capture minute ferrous particles in fluid tanks. This powerful Rare Earth permanent magnet helps to eliminate scored hydraulic cylinders, clogged orifices & "O" ring wear while increasing bearing, seal and pump life. These magnets are 1" diameter and sit on the bottom of the tank continuously cleaning fluids. Max. temp. 180°F (82°C).



## Clean-Out Retriever

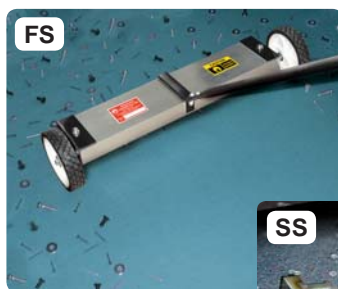


### Features

- Retrieve ferrous metal items from tanks, acid baths, oil reservoirs, heat bake ovens, etc.
- Alnico Magnet is attached to a 48 inch wood handle
- 300°F (148°C)



## Magnetics Floor & Shop Sweepers



**SS:** Works on hard floors or carpeted areas. Clean shops, offices, retail stores right up to the edge of walls, machinery into corners with its unique wheel design.

**FS/IS:** Ideal for floors, parking lots and construction sites (IS is Self Cleaning)

**YS:** Aluminum and stainless steel construction for outdoor use. Hang the sweeper from vehicles, utility equipment or skid-steers

# MAGNETS FOR THE MACHINE TOOL INDUSTRY

**MAG-MATE®**

## Rare Earth Lift Magnets

Compact, yet powerful, Rare Earth permanent lift magnets can be used on flat or round surfaces and contain an internal release On/Off device that does not contact or damage the surface of the part being lifted. Permanent magnetic lifts eliminate the fear of dropping the load being lifted due to power failures.

The locking system is performed by first pulling on the handle to release the lock pin, then rotating the handle to the desired position. The locking feature prevents the handle from being bumped partially "On" and avoids giving the operator a false feeling that the magnet is holding safely.

These magnets feature: RFID technology, Heat resistance up to 180°F (82°C), 3:1 Design Factor and conformity to ASME B30.20 standards.

The VersaLift™ also features: Stationary Lift Lug(s), Vertical Lift Capable using the optional Lift Lug attachment, a "Test Lift" capability to ensure a strong and secure magnetic bond and is USA M.A.D.E™.



## Remote Operated DynamicLift™ Magnet

The remote operated DynamicLift™, featuring Magswitch® technology, is a powerful Rare Earth permanent lift magnet that can be turned "on" or "off" using a remote control without the need of air or electricity! Not only does this give the operator freedom from electrical cords and air hoses, but also opens up a whole new range of lifting possibilities where accessibility to the magnet was cumbersome or impossible to reach. Permanent magnetic lifts also eliminate the fear of dropping the load being lifted due to power failures.

### Features

- Remote Operated, locking, On/Off Rare Earth permanent magnet will stay "on" if battery loses power
- Secondary manual release in case of battery failure
- Built in safety - a load sensor and a 3-button power off sequence prevent accidental release of load
- Indicator lights for magnet operational state and battery strength
- Includes two, 12 volt rechargeable, Lithium-ion batteries (200+ cycles per charge) & charger
- Custom pole shoes available for lifting rounds and more
- 3:1 Design Factor
- Heat resistant up to 180°F (82°C)
- CONFORMS TO ASME B30.20 STANDARDS



## Inspection Tool Kits



Best of both worlds when you package a telescoping mirror or magnifier with a telescoping Rare Earth magnetic retriever in a kit. Keep your tools protected and organized in the foam-lined snap-lock case. These tools have a nonslip, solvent-resistant grip.



## Continuous Duty Surface Demagnetizers



These Surface Type Demagnetizers are designed for stationary or portable use, providing continuous duty operation as work pieces pass the demagnetizer's face plate. This design allows for installation under, over or alongside conveyors for demagnetizing applications.

### Features

- Durable, one-piece face plate
- On/Off switch - DSC423, DSC424
- Portable and/or stationary design
- Integrated side handles for hand held operation



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