

## Magnetic Grounds for Rotary or Manual Arc Welding

Heavy shop use has proved that Magnetrol improves weld quality while reducing weld costs.

### Here's how:

1. Magnetrol stabilizes the arc.
2. Reduces spatter (and cuts down clean-up time); cuts rod spatter loss 10% or more.
3. Reduces magnetic blow.
4. Increases penetration and density of weld, also improving root fusion.
5. Operates on lower current, makes less demand on generator or transformer.
6. Reduces heat and crystallization in parent metal, improves annealing around weld, cuts rod stub waste.

### Rotary Welding

No cable twist on turning roll work with the rotary Magnetrol; a real trouble-saver as well as the perfect grounding contact. Simple design and lifetime magnet assure extra long service life.

**Model 900**-(400 AMPS) with terminal handle for attaching one 4/0 ground cable.

**Model 1500**-(1000 AMPS) with terminal handle for attaching two 4/0 ground cables.

**Model 2000**-(1500 AMPS) with terminal handle for attaching three 4/0 cables.



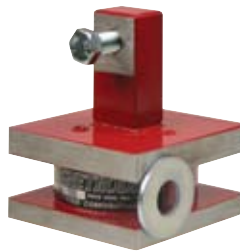
Part No. 1500

Part No.	Description
0900	Magnetic ground 400 AMP rotary
1500	Magnetic ground 1000 AMP rotary
2000	Magnetic ground 1500 AMP rotary

### Manual Welding

Sure-holding ground contacts for better and more economical welding, with lifetime magnets and plenty of stock at holding areas; when pitted, just grind smooth.

Connect to ground cable, place on work and strike arc; Magnetrol holds in any position. Stabilizes arc, increases penetration, reduces spatter, reduces heat and crystallization in parent metal, improves current efficiency and weld quality.



Part No. 0700

Part No.	Description
0200	Magnetic ground 200 AMP
0700	Magnetic ground 400 AMP



## Switchable Magnetic Ground Clamps

The Magswitch Switchable Magnetic Welding Clamp lets welders quickly set up, weld and move on to the next job, thanks to this new magnetic technology. Simply place it on a clean work surface, turn it on and start welding. It makes welding quicker and easier than ever. It's that easy.

- Grounds instantly. No more searching for or creating a ground location.
- Turn on Magswitch and start welding.
- Stays clean. Turn off Magswitch and wipe away debris.
- Reusable - saves welders time and money.
- Quick and easy connect and disconnect.
- Easily attaches to flat or round surfaces.
- No more tacking on tabs in large sheet-weld or pipe jobs.



Part No. 8100315

Part No.	Description
8100340	200 AMP MAG Ground Clamp
8100315	300 AMP MAG Ground Clamp
8100316	600 AMP MAG Ground Clamp



## Magnetic MagSquare / Hanging Hook / Material Lifting Magnet

### Switchable Magnetic MagSquare

Once you use Magswitch MagSquares, you'll have to have them in your toolbox. Our MagSquares provide a new level of fast and easy multiplane workholding when positioning steel. Magswitch MagSquares exert a powerful magnetic field with a simple 180-degree rotation of the knob.

- Simple and fast.
- No need for tedious clamping.
- Holds on flat or round surfaces.
- Grips on three sides.
- Fast, strong, and precise positioning.
- Extremely powerful-up to 150-lbs breakaway on flat 1/4 inch-thick steel.
- Use MagSquares to mount workholding jigs.
- Pre-tapped holes on all sides for mounting.



Part No. 8100054

Part No.	Description	Breakaway wt*
8100054	30 MM MagSquare Holder	150 lb
8100106	50 MM MagSquare Holder	550 lb
8100099	70 MM MagSquare Holder	1000 lb

\*Breakaway on flat 1/4" thick steel



### Switchable Hanging Hook

Magswitch Hanging Hooks let you hang tools, lights, support wires, air hoses, ground lines and more, quickly and easily. By using the Hanging Hooks, everything you need can be within reach.

- Perfect for temporary holding of lines, hoses, lights, tools, or loose nuts and bolts.
- For use around the job site or shop.
- The perfect universal tool for a quick connect-disconnect hanger.
- Attaches to flat or round surfaces with ease.
- Quickly secure and hold just about anything, anywhere.



Part No. 8100006

Part No.	Description	Breakaway wt*	Holds up to.
8100012	30 MM Gorilla Hanging Hook	100 lb	40 lb
8100006	50 MM Gorilla Hanging Hook	215 lb	40 lb

\*Breakaway on flat 1/4" thick steel



### Magswitch Medium-Duty, Heavy-Duty Lifters

Remarkably, this new technology lets you turn magnetic power on and off with a half turn of a handle! When incorporated into the ergonomic design of the Magswitch Medium-Duty Lifters and Heavy-Duty Lifters, you can pick up and move incredibly heavy, cumbersome objects with ease.



Part No. 8100127



#### Single Medium Lifter

- Extremely powerful – rated to lift up to 167-lbs.
- Easy on/off actuation.
- Fast, easy positioning.
- Lightweight and compact.
- More effective on thinner material than competitors.
- Easy on/off for precise positioning.
- Holds flat and round non-flexing material.
- Easy to use with freedom from electricity and batteries.
- Will not overheat like electromagnets.
- Locking handle.

#### Dual Heavy Lifter

- Extremely powerful – rated to lift up to 660-lbs.
- Easy on/off actuation.
- Fast, easy positioning.
- Lightweight and compact.
- More effective on thinner material than competitors.
- An innovative breakthrough in magnetic technology that provides powerful control.
- Will not overheat like electromagnets.
- Locking handle.
- Sheds debris.
- No batteries.
- No electricity.
- Pound for pound stronger than.

#### Tri Heavy Lifters

- Lightweight and compact.
- Pound for pound stronger than competitors.
- Holds on flat and round materials.
- Easy to use with freedom from electricity.
- Easy on/off actuation.
- Fast, easy positioning.
- More effective on thinner material than competitors.
- An innovative breakthrough in magnetic technology that provides powerful control.
- Will not overheat like electromagnets.
- Locking handle.
- Sheds debris.

Part No.	Description	Holds up to
8100089	Single 50mm Medium Lifter	167 lb
8100088	Single 70mm Medium Lifter	315 lb

Part No.	Description	Holds up to
8100151	Dual-70mm Heavy Lifter	660 lb

Part No.	Description	Holds up to
8100018	Tri-50mm Heavy Lifter	500 lb
8100127	Tri-70mm Heavy Lifter	1000 lb

### Switchable Extenda-Lifter

Remarkably, this new technology lets you turn magnetic power on and off with a half turn of a handle! When incorporated into the ergonomic design of the Magswitch Magnetic Extenda-Lifter, you can pick up and move incredibly heavy, cumbersome objects with ease.

- No Need to bend over and pickup materials.
- Easy on/off control for precise positioning.
- Lightweight and compact.
- More effective than competitors on thinner materials.
- Holds on flat and round non-flexing material.
- Easy to use with freedom from electricity.



Part No. 8100025

Part No.	Description	Holds up to
8100025	Extenda-Lifter-50mm	70 lb



### Switchable 90° Welding Angle

- Unlike competitive brands, when the Magswitch is off, it easily allows debris to fall away
- Fast, easy on/off magnet control
- Reversible for inside or outside hold
- Holds flat and pipe
- Non-marring hold
- Locking knob for added safety
- Add additional Magswitches for greater strength

#### 30mm

- 8" welding angle featuring two super-strong Magswitches, each with up to 155-lb breakaway force.
- Versatile: pre-tapped holes to change Magswitch position for inside or outside angles.

#### 50mm

- 12" square featuring two super-strong Magswitches, each with up to 550-lb breakaway force.
- 180-degree turn off the Magswitch knob to activate/deactivate.
- Magswitch holding force gradually increases as knob is turned, allowing precise positioning.



Part No. 8100036

Part No.	Description	Holds up to
8100010	30 MM	155 lb
8100036	50 MM	600 lb



### Ajustable Switchable Boomer Angle

- Fast, easy on/off magnet control.
- Unlike competitive brands, when the Magswitch is off, debris easily falls away.
- Holds flat and pipe.
- Non-marring hold.
- Magswitch holding force gradually increases as knob is turned, allowing precise positioning.
- 1/2 turn off the Magswitch knob to activate/deactivate.
- Knobs on one side can be removed for flat work on table tops.
- Magnets pivot for inside or outside holding.
- No batteries, no electricity.

#### 30mm

- Versatile: rotating Magswitches for virtually unlimited angles.
- 8" adjustable angle featuring two super-strong Magswitches, each with up to 155-lb breakaway force.
- Never before has a super-strong permanent magnet been so easy to control.

#### 50mm

- 10" adjustable angle featuring two super-strong Magswitches, each with up to 550-lb breakaway force.
- Reversible for inside or outside hold.
- Versatile: rotating Magswitches for virtually unlimited angles.



Part No. 8100090

Part No.	Description	Holds up to
8100091	30 MM	155 lb
8100090	50 MM	600 lb

