



magswitch[®]

Magswitch Industrial Tools – Genuine Productivity Solutions For Your Workshop.

▶ Changing the way things are done.

Never before has a super-strong permanent magnet been so easy to control. Magswitch has created a powerful magnetic device that can be turned on and off with a simple turn of a knob. No batteries! No electricity!

08/09 Catalog



Welding | Workholding | Material Handling

www.magswitch.com.au



Compact and super strong.

Stays clean. Turn off Magswitch and debris falls away.

Strong grip to flat and pipe surfaces.

Easy on/off operation. Locking handle.

Magswitch Advantages:

- **Saves time and money.**
- **Faster/easier grounding.**
- **Replaces clamps.**
- **Fast, precise positioning and workholding.**
- **Welding angles that stay clean.**
- **Super strong hold.**
- **Fast and easy material handling.**



Magswitch is a green solution.
Cuts power use and outperforms electromagnets.



A Traditional Welding Clamp Can't Compare!

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.



Magswitch 200-AMP Welding Clamp



Magswitch 300-AMP Welding Clamp



Magswitch 600-AMP Welding Clamp

Magswitch Welding Clamps

- ▶ Grounds instantly. No more searching for a ground location!
- ▶ No more tacking on tabs in large sheet weld or pipe jobs.
- ▶ Turn on Magswitch and start welding.
- ▶ Stays clean. Turn off Magswitch and wipe away debris.
- ▶ Saves time and money.



Working loads up to:
 25lb/10kg (30mm)
 40lb/18kg (50mm)

It's Like Having Your Own Personal Assistant.

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



Magswitch 30mm Power Hook



Magswitch 50mm Gorilla Hook



Magswitch Hanging Hook Family

Magswitch Hanging Hooks

- ▶ Perfect for temporary holding of lines, hoses, tools or loose nuts and bolts.
- ▶ Perfect for use around the job site or shop.
- ▶ Precise positioning, attaches to flat or round surfaces.
- ▶ Quickly secure and hold just about anything, anywhere.
- ▶ It's like having an extra hand.

way things are done.

Magswitch's breakthrough technology: Easily turns magnets on and off and provides powerful control.



Rated Lifting Capacity up to:

- 160lb/70kg (50mm)
- 315lb/140kg (70mm)
- 600lb/270kg (Tri-50mm)
- 650lb/290kg (Dual-70mm)
- 1000lb/450kg (Tri-70mm)

New Magswitch Technology Creates The Perfect Tool.

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 Medium-Duty and Heavy-Duty Lifters, you can pick up and move heavy, cumbersome objects with ease.



**Magswitch Single-70mm
Medium-Duty Lifter**



**Magswitch Tri-70mm
Heavy-Duty Lifter**



Magswitch Extend-A-Lifter

Magswitch Medium-Duty and Heavy-Duty Lifting Magnets

- ▶ Easy on/off control for precise positioning.
- ▶ Lightweight and compact.
- ▶ More effective than the competition on thinner materials.
- ▶ Holds flat and round non-flexing material.
- ▶ With Magswitch Extend-A-Lifter there is no need to bend over and pick up metal.
- ▶ Available in these sizes – Medium-Duty: 50mm and 70mm Heavy-Duty: Tri-50, Dual-70 and Tri-70.

For more about revolutionary Magswitch technology, see our website: www.magswitch.com.au



Breakaway force up to:
 150lb/65kgf (30mm)
 550lb/245kgf (50mm)
 1000lb/450kgf (70mm)

Hold just about anything, just about anywhere.

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.



Magswitch 30mm MagSquare



Magswitch 50mm MagSquare



Magswitch 70mm MagSquare

Magswitch MagSquares

- ▶ Holds metal on multiple planes for welding ease!
- ▶ Attaches to flat and round surfaces.
- ▶ Machined for precise 90-degree angles.
- ▶ Stays clean. Turn off Magswitch and wipe away debris.
- ▶ Includes pre-tapped holes on all sides to mount accessories, jigs and tools.

way things are done.

Magswitch's breakthrough technology: Easily turns magnets on and off and provides powerful control.



Breakaway force up to:
150lb/65kgf (each 30mm magnet)
550lb/245kgf (each 50mm magnet)

Welding squares have never been this easy to use.

The Magswitch Switchable Magnetic families of Boomerangles and 90-Degree welding angles are extremely versatile, providing inside/outside fitting and adjustable angle holds. The easy on/off of Magswitch eliminates the need to pry off the angle and allows you to keep the angle free of debris.



Magswitch 30 and 50mm Boomerangle



Magswitch Boomerangle Pivoting Head



Magswitch 30 and 50mm 90-Degree Angles

Magswitch Boomerangles and 90-Degree Angles

Boomerangles

- ▶ The most versatile magnetic square ever! Virtually every angle – fast!
- ▶ Fully adjustable. Each Magswitch pivots to the desired angle.

90-Degree Angles

- ▶ Precise positioning – holds flat and pipe.
- ▶ Adjustable for inside and outside angles.
- ▶ Add additional Magswitches for greater strength.

Changing the way things are done.

Magswitch technology is doing just that for the welding industry. This revolutionary technology is becoming a household name in the industry, and welders will find that Magswitch can be deployed from everyday tools to the most sophisticated applications. The practical benefits will save countless hours and money.

Magswitch makes this possible because, for the first time, extremely strong permanent magnets are harnessed into easy-to-control, compact Magswitches.

Like all great new inventions, Magswitch is simple. Magswitch uses the poles of two magnetic discs in relation to each other to join and maximize the magnetic force or cancel the power, thus enabling the Magswitch to be turned off. Magswitch is significantly more efficient than traditional shunting magnets – hence a new group of tools not previously possible.

Magswitch is a green technology – enduring power of rare earth magnets without electricity. 

Wait until you see the next lineup of revolutionary new tools from Magswitch.

While the initial line of Magswitch tools provides practical products that improve productivity, the next generation captures even more sophisticated applications of Magswitch, featuring:

- Auto Switch (Patented) – where the Magswitch automatically engages when in contact with a steel target. Single-action release actuation only.
- MagWheel (Patented) – allows Magswitch to move vertically and inverted. MagWheel will revolutionize the welding tractor and other Remote Activated Vehicle (RAV) applications. The easy on/off capability is directed through wheels.
- Arrays – linear and round arrays that uniquely shape the magnetic fields for special applications, such as separating metal sheet stock.
- Pneumatic and electric actuation – Magswitch incorporates these into robotic end effectors, power clamps and everyday workholding equipment that will operate more efficiently as a result.

In the hands of welding and fabrication professionals, applications of this technology will continue to emerge. From workholding, to setups, to fit-ups, to the most sophisticated uses, welders will come to appreciate this technology that saves them time and aggravation. Magswitch is indeed technology that “changes the way things are done.”



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