

# Product Catalog

## Magswitch Manual Tools







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# Technology that attracts™

Magswitch Technology has evolved from a single technology company with a focus on welding and wood products in North America to a Global company with more than 65 patents world-wide and a major supplier to Automotive Infrastructure and Industrial resource industries on three continents. As we continue to expand with new technologies in more complex Lifting systems, Robotics, Cobot tools, operating software and developing onshore manufacturing, we do so with a clear corporate objective. We want to be with our customers "At every step of the way". The small business that buys a 300amp ground clamp today, will want safer lifting and positioning tools, will have an interest in simple automated systems, some eventually to partial or fully automated welding and fabrication. Magswitch is at each step with the best gripping technology and partnerships with major OEMs and integrators to deliver a seamless solution, be it sheet leveling, smart cutting table unloading or fully automated fabrication and parts handling. We will not lose sight of our core business commitments, to **increase safety, productivity and efficiency** to ensure our **products meet or exceed the expectations** of our valued customers. Our mission is to ensure we continue to develop new solutions ahead of industry needs.



### Benefits

- 100% Fail-safe technology
- True On/Off
- Magnet stays clean
- Magnets do not require an electrical power source
- Stronger & scalable force allows a better control
- Precise positioning



### Sustainability

Magswitch products are a green technology utilizing the enduring power of rare earth magnets with low energy consumption.

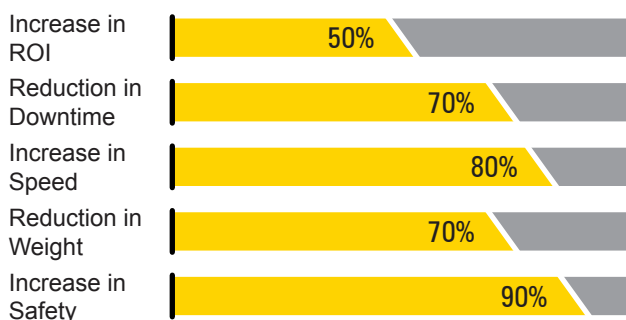


### Safety

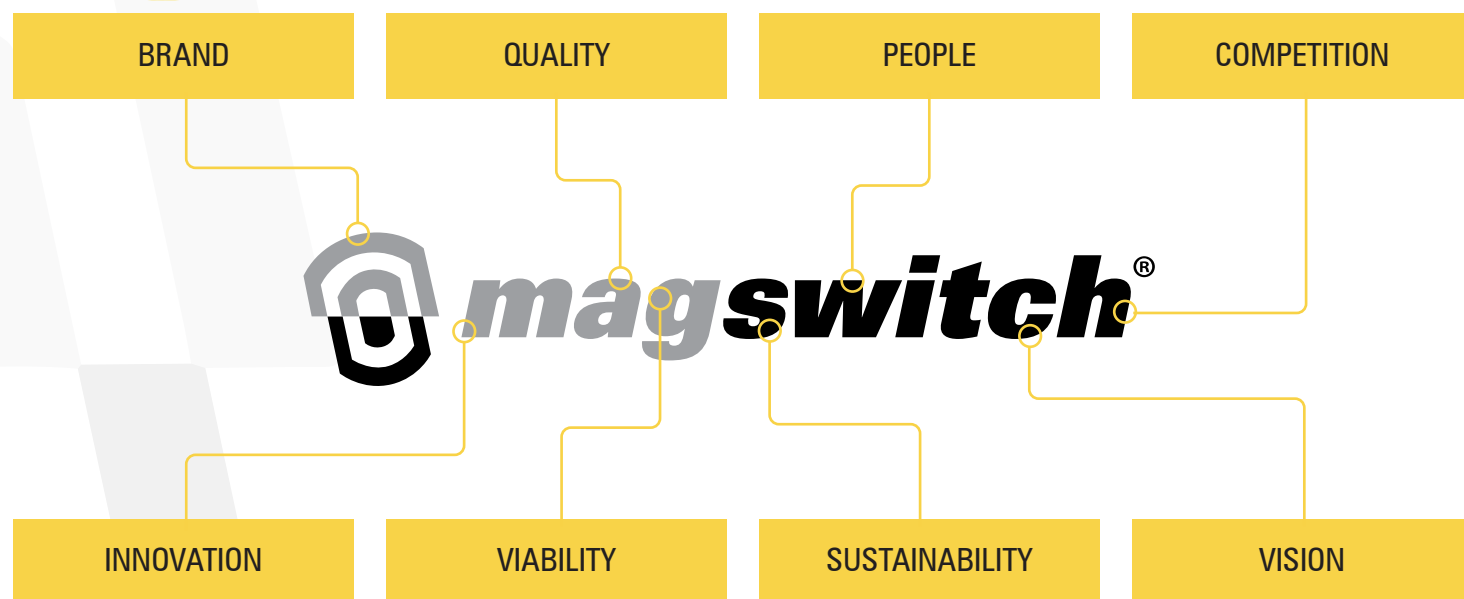
We consider safety in everything we do. If you work around steel, safety is the first consideration. Fewer hands on the job touching steel means a safer workplace. Safety is crucial to our products – easy actuation, lighter lifting, stability control and lift-to-shear capabilities all tie back to an emphasis on safety.



### Our Success



# Magswitch DNA



Magswitch Technology, headquartered in Colorado, USA, is a leader in switchable magnetic technology. From initial development, design and engineering to manufacturing, final delivery and distribution, Magswitch has paved the way for innovation in multiple industries across the globe.

Magswitch has evolved from manufacturing magnetic tools to engineering innovative technology to increase safety, productivity and speed in industries such as welding, fabrication, automation, manufacturing, heavy industry, woodworking and more.

With numerous patents and patents pending in all industrialized markets across the globe, Magswitch has evolved into a global integrated business. We are committed to a business model that identifies key industry partners, allowing the corporation to leverage its technology and products through recognized global distributors.



## High-Heat-Tools

Magswitch tools are also available as a High-Heat-Variant.

Simply contact [cs@magswitch.com](mailto:cs@magswitch.com) for further information.



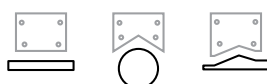
## Accessory Products

Take a look at our accessory products for various Magswitch tools.

Please contact [cs@magswitch.com](mailto:cs@magswitch.com) for further information.



Visit our webshop! [www.mag-tools.eu](http://www.mag-tools.eu)



## Pole Shoe Variants

Our products are available with different pole shoe variants:

- Flat
- Round
- Irregular



## Custom Pole Shoes

In addition, you have the possibility to develop custom made pole shoes to guarantee the best holding force.



# MagSquares

## Applications: Fixturing, Workholding, Mounting

The most versatile workholding and fixturing tool ever! Align and secure flat or round pieces of steel to fabricate angles. Pull corners, secure steel for cutting, use as a guide, make your own fixtures and more.

- Multiplane magnetic grip on 5 sides
- Machined at 90° with pre-tapped holes for mounting
- Mounts anywhere - no limitations like clamps
- Holds flat and round surfaces of steel



High Heat Variants  
Available



Accessories Available



Flat



Round

Bulk quantities available for your custom applications, please contact [cs@magswitch.com](mailto:cs@magswitch.com)



Scan Link

8100494



8100494



8100238



8100106



8100099



MagSquare 165



MagSquare 400



MagSquare 600



MagSquare 1000

	MagSquare 165	MagSquare 400	MagSquare 600	MagSquare 1000
<b>Part No.</b>	8100494	8100238	8100106	8100099
<b>Max. Breakaway</b>	68 kg	181 kg	201 kg	470 kg
<b>Height</b>	64,3 mm	90,3 mm	110 mm	146,9 mm
<b>Width</b>	31 mm	41,3 mm	51,5 mm	72 mm
<b>Length</b>	48 mm	64 mm	75 mm	108 mm
<b>Weight</b>	0,3 kg	1,0 kg	1,5 kg	3,6 kg



# MagMounts

## Applications: Mounting, Hanging

Perfect for an easy movement and placement of a tool!  
Strong magnetic hold force with a single on and off lever.  
The top of the tool is ready for mounting a variety of accessories.

- Fixed bar magnet is for flat steel
- Swivel bar magnet is for round and uneven shapes
- Multiple threaded holes on the top
- Perfect for top mount tools, measuring and security devices
- Holds flat and round surfaces of steel



High Heat Variants  
Available

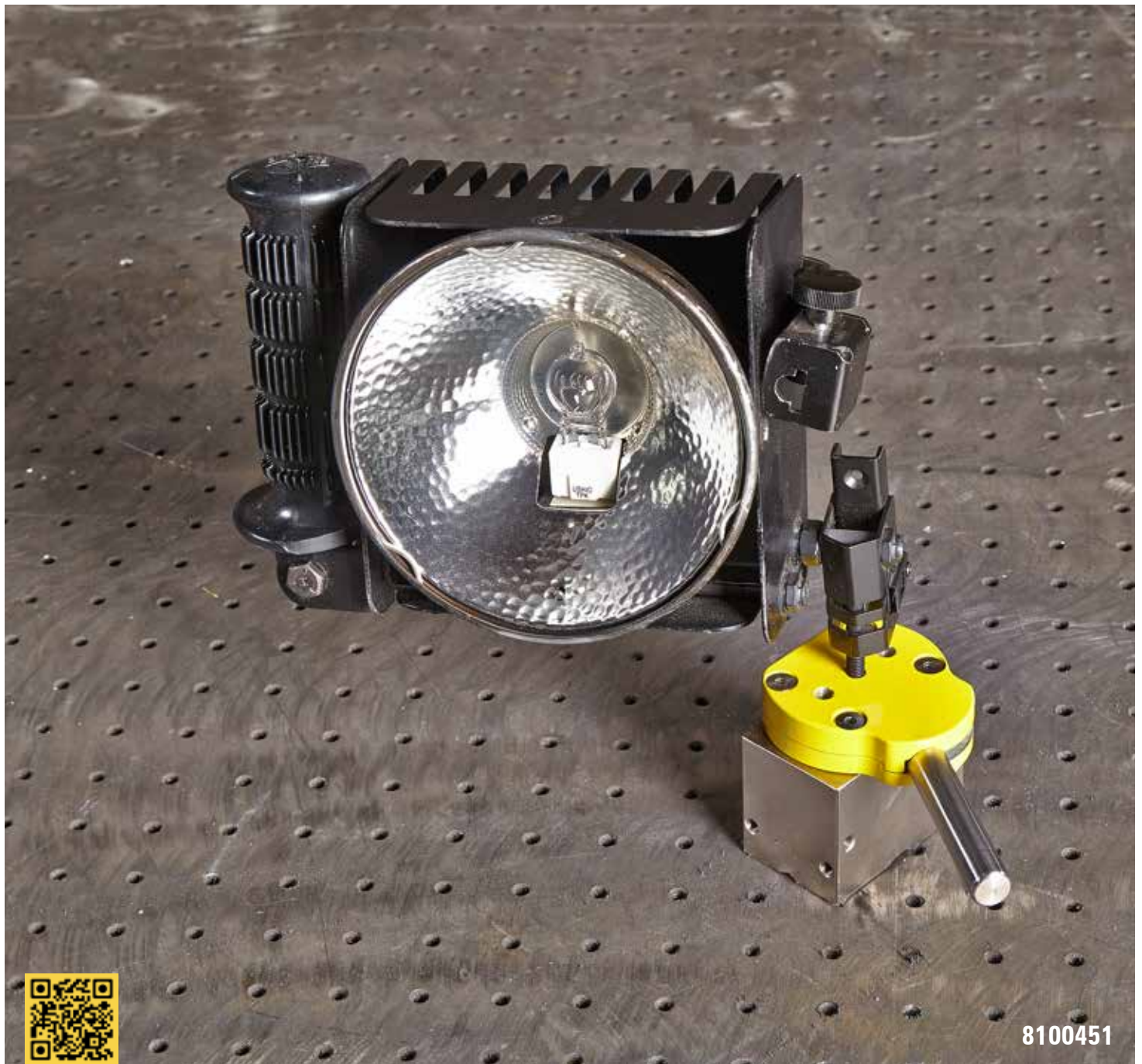


Accessories Available

Flat



Round



Scan Link

8100451





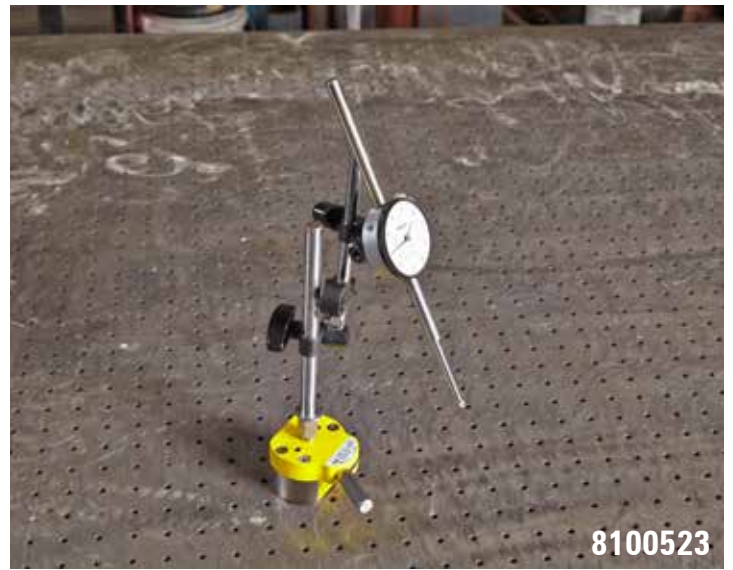
81001291



8100523



8100579



8100523



	MagMount 60 Keychain	MagMount 150	MagMount 235	MagMount 300	MagMount 400	MagMount 600	MagMount 1100
<b>Part No.</b>	81001291	8100579	8100451	8100595	8100523	8100580	81001397
<b>Max. Breakaway</b>	24,9 kg	68 kg	106 kg	111 kg	182 kg	237 kg	499 kg
<b>Height</b>	30 mm	41 mm	45 mm	43,8 mm	66 mm	73 mm	59,8 mm
<b>Width</b>	20 mm	55,4 mm	60 mm	104,4 mm	82,3 mm	106 mm	283,5 mm
<b>Length</b>	58,7 mm	81 mm	101 mm	134,9 mm	113 mm	135 mm	110,9 mm
<b>Weight</b>	0,1 kg	0,3 kg	0,6 kg	0,5 kg	1,1 kg	1,7 kg	4,3 kg

# Ground Clamps

## Applications: Grounding, Welding

New temperature lowering fin design! No more tacking necessary. Simply place it on a clean work surface, turn on and start welding.

- Fast setup as it instantly grounds to flat and round surfaces of steel
- Stronger hold in the shear (vertical) position allows for use with heavy gauge cable
- No more tacking on tabs and searching for ground location



High Heat Variants  
Available

Flat



Round



Scan Link





	300 Amp Ground Clamp	600 Amp Ground Clamp	800 Amp Ground Clamp
<b>Part No.</b>	<b>8100746</b>	<b>8100747</b>	<b>8100552</b>
<b>Max. Breakaway</b>	41 kg	91 kg	136 kg
<b>Height</b>	58 mm	68 mm	75 mm
<b>Width</b>	49 mm	78,5 mm	98,6 mm
<b>Length</b>	73,1 mm	105,6 mm	125,6 mm
<b>Weight</b>	0,4 kg	0,95 kg	1,75 kg

# MagHooks

## Applications: Utility Hooks, Welding, Fabrication

Need a helping hand? Organize your workspace with our magnetic hook!

- Instantly attaches to flat and round surfaces
- Locking handle for safety
- Lightweight and reliable
- Convenient and easy move from job to job



Accessories Available

Flat



Round



Scan Link

8100006





**MagHook 25**



**MagHook 40**

	<b>MagHook 25</b>	<b>MagHook 40</b>
<b>Part No.</b>	<b>8100012</b>	<b>8100006</b>
<b>Max. Breakaway</b>	52,5 kg	92 kg
<b>Height</b>	90 mm	105 mm
<b>Width</b>	40 mm	69 mm
<b>Length</b>	47 mm	69 mm
<b>Weight</b>	0,3 kg	0,9 kg

# MagWheels

## Applications: Fitting, Positioning, Guiding, Fixturing, Pipe Handling

Our MagWheels have a powerful connection to drive units on any ferrous surface enabling flat, vertical or inverse travel. Ideal for positioning and guiding, sheet feeding, pipe handling, fitting and fabrication and numerous OEM automation and fixturing applications.

- Magnetic rotating elements with potential to automate
- Non-marring hold
- Can be fitted with drive units for mobile applications
- Climbing, carrying and driving anywhere above/below ferrous surfaces



High Heat Variants Available

Flat



Round



Scan Link



8100074



MagWheel 95



MagWheel 150



MagWheel 600



MagWheel 1000

	MagWheel 95	MagWheel 150	MagWheel 600	MagWheel 1000
<b>Part No.</b>	<b>8100401</b>	<b>8100074</b>	<b>8100075</b>	<b>8100250</b>
<b>Max. Breakaway</b>	17,5 kg	29,5 kg	133 kg	239,5 kg
<b>Height</b>	55,7 mm	71,2 mm	121,7 mm	175 mm
<b>Width</b>	41 mm	52 mm	101 mm	127 mm
<b>Length</b>	56,3 mm	67,8 mm	97 mm	180,4 mm
<b>Weight</b>	0,3 kg	0,6 kg	3,3 kg	9,7 kg



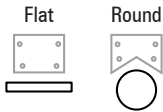
# MagTethers

**Applications: Underwater Tethering, Welding, Oil & Gas, Military**

MagTethers help to tether you and your equipment while working above or below water level. They are sealed with a marine grade corrosion-resistant coating to hold up to saltwater.

- Safety latch to turn on and off
- Quick connect and disconnect
- Alongside and below the surface mooring
- Noise suppressing coating
- Ideal for underwater tethering, military and commercial oil and gas applications

Suitable for underwater work due to corrosion-resistant coating.



8100077

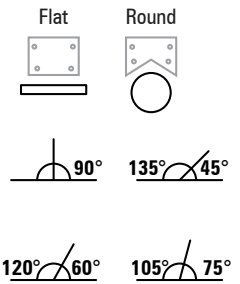
	 MagTether 300	 MagTether 600	 MagTether 1000
Part No.	8100111	8100077	8100051
Max. Breakaway	108 kg	272 kg	454 kg
Height	110mm	128 mm	158 mm
Width	124,4 mm	124,4 mm	164 mm
Length	167 mm	165 mm	199 mm
Weight	1,4 kg	2,0 kg	4,9 kg

# Multi Angles

## Applications: Fixturing, Welding

Multiple angles in one! Extremely versatile welding and fabrication angle tools.

- Accommodates flat sheets and pipes
- Offers several common angles
- Sturdy and compact
- Holds flat and round surfaces of steel



8100352





8100350



8100438



8100351



Mini Angle



Multi Angle 400



Mini Multi Angle



Mini Multi Angle with 300 Amp  
Ground Clamp

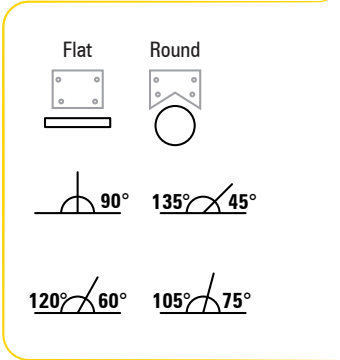
	Mini Angle	Multi Angle 400	Mini Multi Angle	Mini Multi Angle with 300 Amp Ground Clamp
<b>Part No.</b>	<b>8100352</b>	<b>8100438</b>	<b>8100350</b>	<b>8100351</b>
<b>Max. Breakaway</b>	40 kg	181 kg	40 kg	67 kg
<b>Height</b>	53,7 mm	96 mm	65,7 mm	86,3 mm
<b>Width</b>	32 mm	65 mm	32 mm	42 mm
<b>Length</b>	59,5 mm	129 mm	72,3 mm	90,5 mm
<b>Weight</b>	0,2 kg	1,4 kg	0,3 kg	0,5 kg

# MagVises

## Applications: Fixturing, Welding

Finally, a vise you don't have to bolt in place. The MagVise is perfect for drilling, cutting, grinding and beveling small to medium size pieces.

- Offers 45/135°, 60/120°, 75/105° and 90° angles
- Doubles as a multi-angle work holding tool
- Vise options include round, angle stock, square bar or flat
- Holds flat and round surfaces of steel



Scan Link



MagVise 1000



MagVise 1500

	MagVise 1000	MagVise 1500
Part No.	8100450	8100897
Max. Breakaway	187 kg	357 kg
Height	138 mm	161 mm
Width	110 mm	152,7 mm
Length	149,8 mm	179,7 mm
Weight	4,4 kg	9,6 kg



# MagYoke

## Applications: Weld Joints, Magnetic Particle Inspection

Gives you the ability to perform magnetic particle inspection without an electrical power source. It has all the advantages of a permanent Yoke system without the problems related to adhesion of metal particles.

- Non-destructive testing of weld joints
- Full Yoke system testing capabilities
- Off position allows tool to easily be removed from material
- Lightweight and compact

Non-destructive testing



Scan Link



8100551



MagYoke

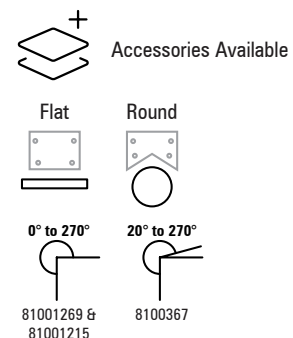
	MagYoke
Part No.	8100551
Max. Breakaway	44 kg
Height	150 mm
Width	50 mm
Length	163 mm
Weight	2,8 kg

# Pivot Angles

## Applications: Fixturing, Welding

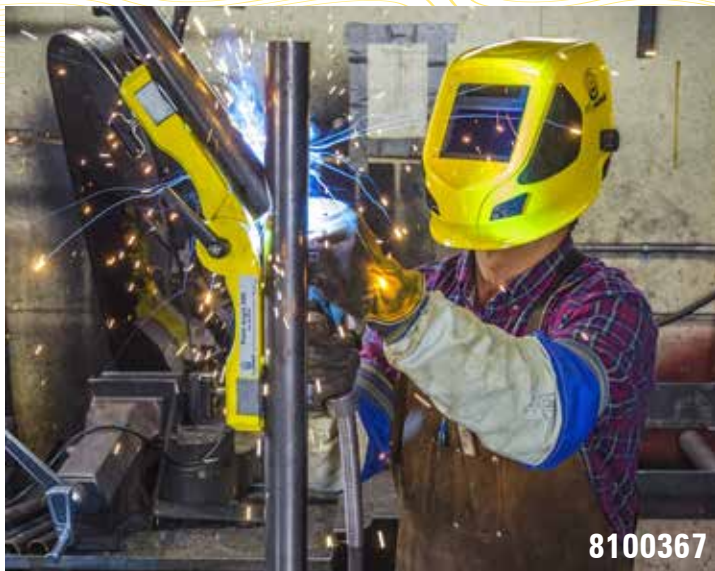
Range of angles: from 0 to 270 degrees with 5 degree indicators and detents.  
Two sides of the tool magnetize when turned on and can be secured to a table or wall to hold a fixture in place.

- Single lock at the elbow to secure your angle
- Dial on elbow has indicators every 5 degrees
- Detents at every 45 degrees for rapid adjustment
- Holds flat and round surfaces of steel



81001215





**Pivot Angle 150 Mini**



**Pivot Angle 150 Max**



**Pivot Angle 200**

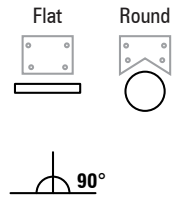
	<b>Pivot Angle 150 Mini</b>	<b>Pivot Angle 150 Max</b>	<b>Pivot Angle 200</b>
<b>Part No.</b>	<b>81001269</b>	<b>81001215</b>	<b>8100367</b>
<b>Max. Breakaway</b>	59 kg	83 kg	90 kg
<b>Height</b>	158 mm	215 mm	236 mm
<b>Width</b>	58 mm	58 mm	43 mm
<b>Length</b>	158 mm	215 mm	236 mm
<b>Weight</b>	1,4 kg	1,5 kg	1,8 kg

# 90 Degree Angles

## Applications: Fixturing, Welding

Magswitch 90° Angles deliver superior accuracy, efficiency and speed at a fixed 90° welding angle. Simply adjust the MagSquares by sliding them up or down on each axis for unmatched versatility.

- Lightweight with incredible strength
- Precise positioning
- MagSquares can be reversed on each axis
- Holds to flat and round surfaces of steel



8100548





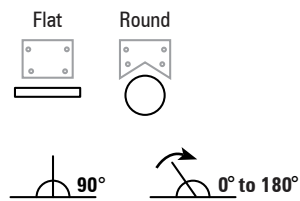
	90° Angle 165	90° Angle 400	90° Angle 600	90° Angle 1000
<b>Part No.</b>	<b>8100548</b>	<b>8100454</b>	<b>8100495</b>	<b>8100503</b>
<b>Max. Breakaway</b>	68 kg	181 kg	275 kg	470 kg
<b>Height</b>	205 mm	287 mm	288 mm	288 mm
<b>Width</b>	77 mm	92 mm	100 mm	137 mm
<b>Length</b>	205 mm	287 mm	288 mm	474 mm
<b>Weight</b>	0,9 kg	26 kg	3,8 kg	9,8 kg

# Boomer Angles

## Applications: Fixturing, Welding

Magswitch Boomer Angles feature a rotating MagSquare at each axis which provides virtually unlimited angles including a preset for 90-degree holding. Easy on and off by rotating the knobs.

- Adjustable angle holds
- Position for odd angles in seconds
- Non-marring hold
- Holds flat and round surfaces of steel
- Fixed 90 degree angle on inside and outside and every angle in between



Scan Link

8100453





8100453



8100090



8100090



8100091



Boomer Angle 150



Boomer Angle 400



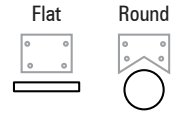
Boomer Angle 600

	Boomer Angle 150	Boomer Angle 400	Boomer Angle 600
<b>Part No.</b>	8100091	8100453	8100090
<b>Max. Breakaway</b>	49 kg	181 kg	272 kg
<b>Height</b>	197 mm	259 mm	265 mm
<b>Width</b>	141 mm	135 mm	164,3 mm
<b>Length</b>	197 mm	259 mm	265 mm
<b>Weight</b>	1,3 kg	3,3 kg	4,6 kg

# Hand Lifters

## Application: Lifting

Our Single and Dual Hand Lifters safely pick up hot, sharp or dirty steel with our strong magnets. An ergonomic fixed handle and a lever locking mechanism prevent accidental release.



- Holds flat and round surfaces of steel
- Lightweight and easy to use
- Shallow field magnets allow for de-stacking of thin material
- Adjustability range length allows for versatile uses

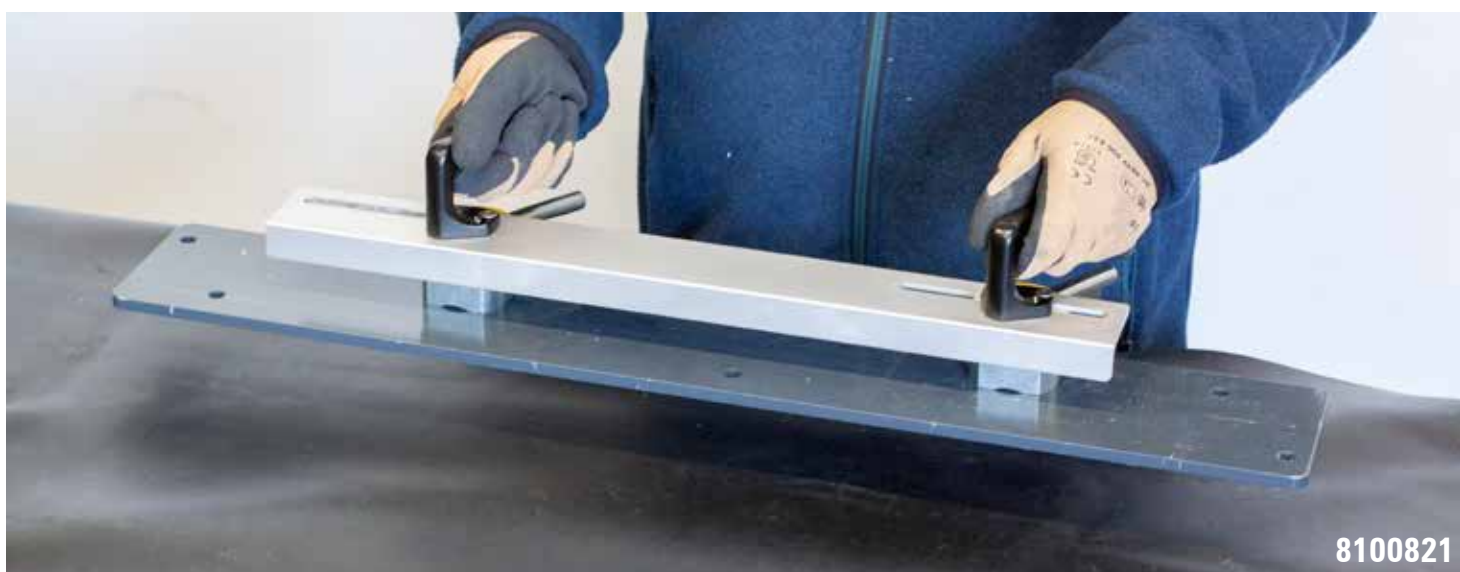


8100795





8100795



8100821



	Fixed Hand Lifter 235	Fixed Hand Lifter 400	Dual Hand Lifter 235	Dual Hand Lifter 400
<b>Part No.</b>	<b>8100795</b>	<b>8100810</b>	<b>8100821</b>	<b>8100822</b>
<b>Max. Breakaway</b>	106 kg	177 kg	213 kg	363 kg
<b>Height</b>	106 mm	130 mm	114 mm	133,3 mm
<b>Width</b>	95 mm	95 mm	133 mm	133 mm
<b>Length</b>	128 mm	128 mm	540 mm	540 mm
<b>Weight</b>	0,8 kg	1,3 kg	2 kg	3 kg

# Hand Lifters 60M & 60CE

## Application: Lifting

**60M:** Magswitch Hand Lifter 60M is a manual on and off magnetic hand lifter great for dragging sheet and all your small steel handling needs.

- Holds flat and round surfaces of steel
- Pivot handle with multiple settings (for sheet dragging) or locking handle vertical for use as a hand lifter
- No need to manhandle steel or fight magnets in moving steel

**60CE:** Get more control with the use of only one hand! Lift and release steel with just the push of a button.

- Holds flat and round surfaces of steel
- 100% duty-cycle-magnet can stay on forever
- Battery strength indicator light, batteries have 2000 actuations per charge, includes charger and 2 rechargeable batteries



Accessories Available



Scan Link



Scan Link

8800487





8100359



8800487



8100359



8800487



Hand Lifter 60M



Hand Lifter 60CE


	Hand Lifter 60M	Hand Lifter 60CE
Part No.	8100359	8800487
Max. Breakaway	98 kg	89,4 kg
Height	140 mm	210 mm
Width	60 mm	175 mm
Length	134,3 mm	75 mm
Weight	0,8 kg	1,2 kg

# Extenda-Lifts


## Applications: Lifting Valve Box, Lifting Small Lids, Infrastructure and Utility Jobs

Pick up and move steel without bending over and using your hands!  
Safely lift a valve box with ease as well as hot, sharp or dirty steel without touching it.

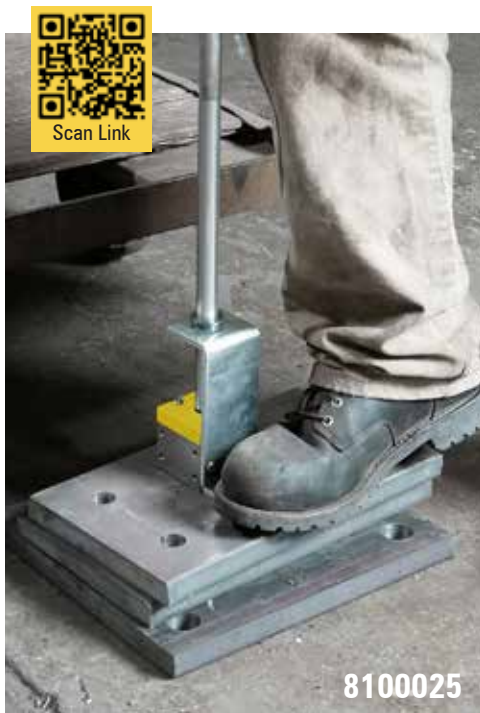
- Instantly attaches to and removes valve box covers
- Our safety lock keeps magnets on until they are turned off
- Precise positioning
- Lightweight and compact
- Ideal for cities and utilities, valve box and small lid removal



Accessories Available



Flat



Extenda-Lift 600



Extenda-Lift 1000

	Extenda-Lift 600	Extenda-Lift 1000
Part No.	8100025	8130177
Max. Breakaway	272 kg	477 kg
Height	716,5 mm	744,2 mm
Width	100 mm	127 mm
Length	102,3 mm	127 mm
Weight	2,4 kg	4,4 kg



# MagReach

## Applications: Lifting, Guiding

The MagReach eliminates the need to touch sharp, dirty or hot materials. This tool can pull parts off the burn table while standing on the side instead of jumping on top, eliminates the need for bending over and prevents back injuries. The MagReach is excellent for positioning and guiding heavy sheets and tubes with an extendable handle for varying distances.

- Hands off steel: Classic Magswitch No-Touch tool
- Eliminates the need to touch sharp, dirty or hot materials
- Pulls parts off the burn table while standing on the side
- Extendable handle for varying distances
- Multiple working surfaces meant for flat and round material
- Increases productivity and safety in workplaces and production floors




	MagReach 400
Part No.	81001322
Max. Breakaway	173 kg
Height	1283 - 2183 mm
Width	160,5 mm
Length	71 mm
Weight	3,0 kg

# MagDolly

## Applications: Lifting Manhole Covers, Infrastructure and Utility Jobs


No more getting down on your knees or pinching your fingers to move heavy manhole covers! This collapsible Dolly helps you lift and carry heavy sheets, pipes or any steel object.

- Safer for your back, knees and hands
- Allows one person to move heavy objects
- Fast and easy setup
- Sturdy and reliable
- Maintains control and stays clean
- Maneuvers on uneven surfaces
- Compatible with lifting magnets, sold separately




Accessories Available

Flat



Round





	MagDolly
Part No.	8100433
Max. Breakaway	158,7 kg
Height	1385 mm
Width	348,6 mm
Length	1938,3 mm
Weight	25 kg




# Beam Jacks

## Applications: Shipbuilding, Closing gaps in Weldments, Leveling, Bending


The Magswitch Aluminum adjustable Beam Jacks are suitable for pulling ferrous steel flat against stiffener beams, eliminating air gaps to improve welding efficiency.

- Instantly attaches to flat and round surfaces
- Lightweight and performs better on thin materials
- Removes air gaps between structural members and base materials




Accessories Available

Flat



Round





Scan Link



1.5 Ton Beam Jack



3 Ton Beam Jack



6 Ton Beam Jack

	1.5 Ton Beam Jack	3 Ton Beam Jack	6 Ton Beam Jack
Part No.	81001245	8800605	81001171
Max. Breakaway	1498 kg	3130 kg	5535 kg
Height	525,8 mm	881 mm	887,7 mm
Width	533,4 mm	535,3 mm	637,5 mm
Length	457,2 mm	633 mm	863 mm
Weight	15,1 kg	35,5 kg	69 kg

# Stiffeners

*Applications: Shipbuilding, Fixturing at a 90 Degree Angle, Welding*

Magswitch Stiffeners are designed for some serious power, stabilization and precision control for those heavy-duty jobs. The entire side plate is magnetized when turned on.

- Mounts to flat surfaces of steel
- Reinforced end caps for superior durability
- Lightweight with incredible strength
- Precise positioning



High Heat Variants Available

Flat



Scan Link



90 Degree Angle Stiffener 1200



90 Degree Angle Stiffener 2400

	90 Degree Angle Stiffener 1200	90 Degree Angle Stiffener 2400
Part No.	8100961	81001000
Max. Breakaway	545,5 kg	1091 kg
Height	208 mm	312,8 mm
Width	80 mm	80 mm
Length	183 mm	262 mm
Weight	4,5 kg	8,3 kg




# MagPress

Applications: Sheet Alignment, Leveling, Shipbuilding


Magswitch MagPress aligns large steel sheets with precision. Equalize high and low points between steel gaps by placing the magnet on low, pry on high and weld on.

- Lightweight and compact
- Turn the handle to the side and this tool becomes a beam press which can press a 10-15 cm thick beam




High Heat Variants Available

Flat



Round





	MagPress
Part No.	8100935
Max. Breakaway	465 kg
Height	190,5 mm
Width	146 mm
Length	686 mm
Weight	5,8 kg

# MLAY 600

## Applications: Lifting, Infrastructure, Shipyard

Powerful without the need for a power source! Magswitch Heavy Lifters are built for heavy-duty lifting. The dual lift hook offers the stability to lift horizontally and a single hook to lift into a vertical position. Perfect for small materials and light to medium lifting! These lifters are lightweight, have a small profile and feature our full swivel hook for lifting from the top or side. Each features a locking handle to ensure release of load is only intentional. Ideal for thinner steel, but hold thick steel just as well.

- Superior hold force on thin steel
- Compact, lightweight and easy actuation
- Lifts large flat sheets, beams and pipes
- Performs well on air gaps such as rust and dirt
- Customizable pole shoes to fit almost any application
- ASME Standards 3:1 Safe Working Load



High Heat Variants Available



Accessories Available



Flat



Round



Scan Link

8100364





8100089



8100364



MLAY 600



MLAY 600x2\*



MLAY 600x4\*

	MLAY 600	MLAY 600x2*	MLAY 600x4*
<b>Part No.</b>	<b>8100089</b>	<b>8100360</b>	<b>8100364</b>
<b>Max. Breakaway</b>	265 kg	490 kg	1006 kg
<b>Height</b>	184 mm	170,9 mm	166,5 mm
<b>Width</b>	51,5 mm	165,4 mm	165,4 mm
<b>Length</b>	106 mm	221 mm	236 mm
<b>Weight</b>	2,0 kg	5,2 kg	8,1 kg

\* Standard pole shoes included, others upon request

# MLAY 1000

## Applications: Lifting, Infrastructure, Shipyard

For heavy lifting, the Magswitch MLAY 1000 Series lifters achieve full hold on approximately 1 inch (25,4 mm) thick steel. These lifters feature our full swivel hook for lifting from the top or the side. Each lifter is manually activated and features a safety lock in both on and off position. The MLAY 1000 Series features replaceable pole shoes, ideal for customizing to fit your application. Ideal for porous material and thick steel.

- Superior hold force on thin steel
- Compact, lightweight and easy actuation
- Lifts large flat sheets, beams and pipes
- Performs well on air gaps such as rust and dirt
- Customizable pole shoes to fit almost any application



High Heat Variants Available



Accessories Available

Flat



Round



Scan Link

8100482





8100484



8100403



8100418



8100549



	MLAY 1000	MLAY 1000x2*	MLAY 1000x3*	MLAY 1000x4*	MLAY 1000x6*	MLAY 1000x12
<b>Part No.</b>	8100088	8100484	8100403	8100418	8100482	8100549
<b>Max. Breakaway</b>	460 kg	907 kg	1242 kg	1654 kg	2767 kg	5477 kg
<b>Height</b>	253 mm	267,5 mm	264,5 mm	260,7 mm	253,3 mm	302 mm
<b>Width</b>	71,5 mm	195,6 mm	195,4 mm	195,4 mm	195,4 mm	306,8 mm
<b>Length</b>	147 mm	318,8 mm	271,3 mm	271,3 mm	350,3 mm	496 mm
<b>Weight</b>	5,2 kg	10,8 kg	16,6 kg	16,6 kg	20,5 kg	55 kg

\* Standard pole shoes included, others upon request

# Heavy Lifting Solutions

## Small Plate Lift

The Small Plate Lift System comes in a variety of lift capacities and sizes to fit your specific needs.

Offered for both electric or manual activation, the cross members and Magswitch magnets can easily be adjusted to fit various plate sizes.

With the addition of fork lift slots, loading and unloading can be accommodated without the need for an over-head crane.

Designed for plate sizes: 4ftx8ft, 5ftx10ft, 6ftx12ft, 8ftx16ft

## Custom Lifting Solutions - Mag-Kit (Retro Fit)

*Build your own system!*

For the customer seeking an economical solution, the Mag-Kit allows the customer to mount the Magswitch magnets and controls to an existing spreader beam. The Kit includes:

- Magswitch Magnets with mounting hardware
- Control Panel with wireless control

*Applications: From small plates to large plates, multiple magnets can be combined to handle any plate size*

*Magswitch Heavy Lift Systems fully meet the standards of US ANSI ASME Standard B30.20 for below-the-hook lifting devices.*

## Fixed Lift System

Designed to lift your maximum plate size! Our Fixed Lift System can be configured with any number of cross members to fit your lifting needs. With zone control, independent activation of cross members allows for picking of varying plate sizes.

- Smaller Plates: Only inner magnets are switched on
- Larger Plates: All magnets are switched on
- Fail-Safe Technology: With loss of power, system will not drop plates
- De-stack: Wide range of sheet thickness

*No power available? No problem!*

*Simply use the Battery Operated Lift System.*

- Applications in Mobile Boom Truck, Fork Lift and Overhead Crane/Hoist
- Variety of lifting capacities offered



Small Plate Lift



Scan Link





Small Plate Lift



Fixed Lift System



Mag-Kit (Retro Fit)

# MagJigs

## Applications: Woodworking, Fixturing, Clamping, Welding

It's a kind of MagJig! Secures your fixture easily into place. Simply turn the knob and feel the magic. Drill a hole in a fixture and place the MagJig in to use for downward pressure clamping.

- Secure your custom fixtures with the turn of a knob
- $\frac{3}{4}$ " standoff for standard material compatibility
- Screw holes for mounting to custom jigs and fixtures

Bulk quantities available for your custom applications, please contact [cs@magswitch.com](mailto:cs@magswitch.com)



High Heat Variants  
Available



Accessories Available



Scan Link

8110005





8100818



8100514



8110004



8100377



	MagJig 60 Keychain	MagJig 60	MagJig 95	MagJig 150	MagJig 235	Forstner Bit 30 mm & 40 mm
<b>Part No.</b>	8100514	8100818	8110004	8110005	8100377	180098 & 180099
<b>Max. Breakaway</b>	27 kg	27 kg	31 kg	60,5 kg	106 kg	30mm and 40mm Forstner Bits allow a hole to be drilled that will have the ideal fit to accommodate a MagJig 95 or 150  Allowing precision MagJig custom fixtures and tools to be constructed
<b>Height</b>	43 mm	48 mm	46,6 mm	52,1 mm	82 mm	
<b>Width</b>	26,8 mm	26,8 mm	34 mm	44 mm	60 mm	
<b>Length</b>	39,5 mm	39,5 mm	57 mm	67 mm	88 mm	
<b>Weight</b>	0,1 kg	0,1 kg	0,2 kg	0,3 kg	0,6 kg	

# Featherboards & Base Tools

## Starter Kit

- Reversible Featherboard allows secure cutting on the left or right side of the fence
- Entry point for all Magswitch Universal Mounting Base accessories

## Universal Mounting Base

- Centerpiece of the Magswitch Workholding System
- Allows accessories to mount to cast-iron table top

## Universal Featherboard and Universal Featherboard Pro

- Featherboard quickly locks in place for use on either side of the fence
- Pro only: Enhanced hold if placed on miter slots and micro-adjustable cross-cut stops

## Vertical Featherboard with Risers\*

- Adds a second stacked featherboard to a Starter Kit
- Keeps vertical workpieces pressed safely against the tool fence

## Vertical Featherboard Pro

- Mounts to the table saw fence for downward pressure close to the blade
- Prevents ride-up and kickback



8110015





8110134



81101303



81101302



8110134 & 8110178



8110015



8110134 & 8110130



Starter Kit



Universal Mounting Base



Universal Featherboard



Universal Featherboard Pro



Vertical Featherboard with Risers



Vertical Featherboard Pro

Part No.	8110134	8110112	8110015	81101303	8110178	81101302
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\* Requires a Woodworking Starter Kit

# Featherboards & Accessories

## Pro Table Featherboard

- Powerful featherboard for extra workpiece stability
- Vertical Featherboard can be added for stacked horizontal or vertical featherboard

## Riser Kit for Multi Level Workholding

- Designed for use with Pro Table Featherboard & Vertical Featherboard\*\*
- Features 4 stackable risers to achieve multi level workholding and support. Allows for an adjustable, stackable featherboard
- Helps protect against kickbacks in the vertical and horizontal plane, allowing greater safety and quality of cut

## Reversible Featherboard

- Sturdy yet lightweight woodworking featherboard is reversible for left and right hand feeds
- Perfect for infeed and outfeed applications
- Accommodates the Vertical Featherboard attachment and the Woodworking Starter Kit\*\*

## Universal Saw Indicator

- Works with stock miter gauges to measure blade and miter slot relative alignment
- Mounts to the table top for fence micro adjustments

## Ultimate Thin Stock Jig\*

- Holds down thin sheets on the table saw
- Makes repetitive table saw thin strip ripping safe and easy



8110131



Scan Link





					
	<b>Pro Table Featherboard</b>	<b>Reversible Featherboard</b>	<b>Riser Kit for Multi Level Workholding</b>	<b>Universal Saw Indicator Metric</b>	<b>Ultimate Thin Stock Jig</b>
<b>Part No.</b>	<b>8110328</b>	<b>8110131</b>	<b>8110155</b>	<b>81101326</b>	<b>8110362</b>

\* Requires a Woodworking Starter Kit  
\*\* Each sold separately

# Tracks & Guides

## Drill Press Fence and Drill Press Fence Pro

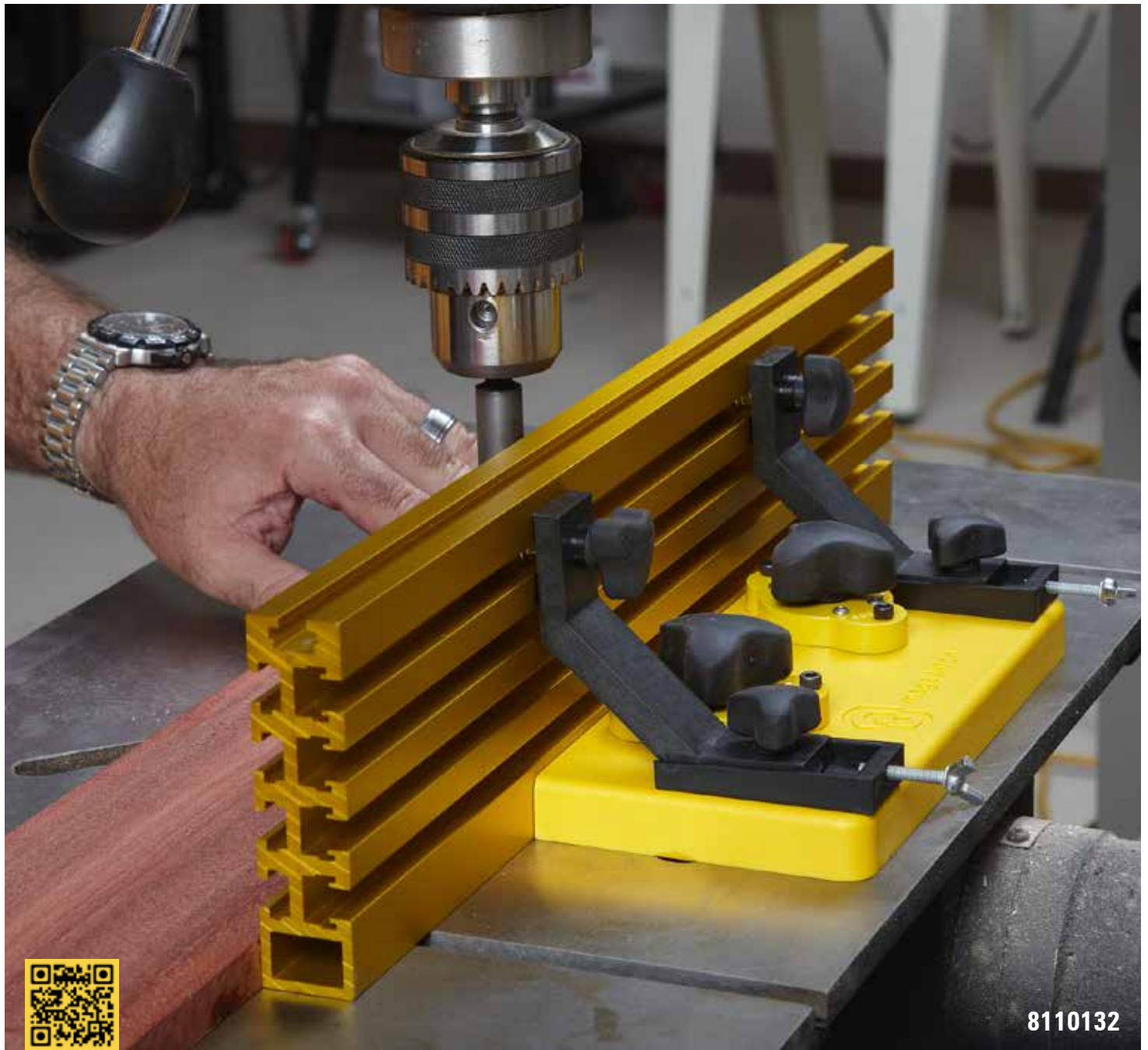
- Quick to reposition and remove
- Compatible with large and small drill presses
- Magnetic stop block works with any thickness backer board
- Pro only: Doubles as a tall bandsaw resaw fence

## Dual Roller Guide\* and Resaw Guide\*

- Low friction, vertical support for the workpiece
- Adjustable to a precise 90 degree angle

## 18" Universal Track\* & 36" Universal Track\*

- Solid, customizable aluminum fence
- Compatible with many tools including the drill press and band saw



8110132





8110131



8110125 & 8110370



8110130



81101371



81101375



8110130



	Drill Press Fence	Drill Press Fence Pro	18" Universal Track	36" Universal Track	Dual Roller Guide	Resaw Guide
Part No.	81101375	81101371	8110132	8110370	8110130	8110125


\* Requires a Woodworking Starter Kit

# Automation

## Application Fields

(Hot) Stamping/Press Line	Bin Picking	Machine Tending/ Pick and Place	Fixture Tooling
Ergonomic Lift Assist	Fanning/Sheet Separation	Destacking	EOAT

## Automation Series

		Pneumatically Operated	Electrically Operated	Manually Operated	Intelligent Sensors
SmartMagGrip			✓		✓
T-Series		✓			
J-Series		✓			✓
E-Series			✓		✓
D-Series		✓			
ELAY-Series			✓		✓
AR-Series		✓			
PLAY-Series		✓			
Sheet Fanner				✓	





PLAY-Series



PLAY-Series



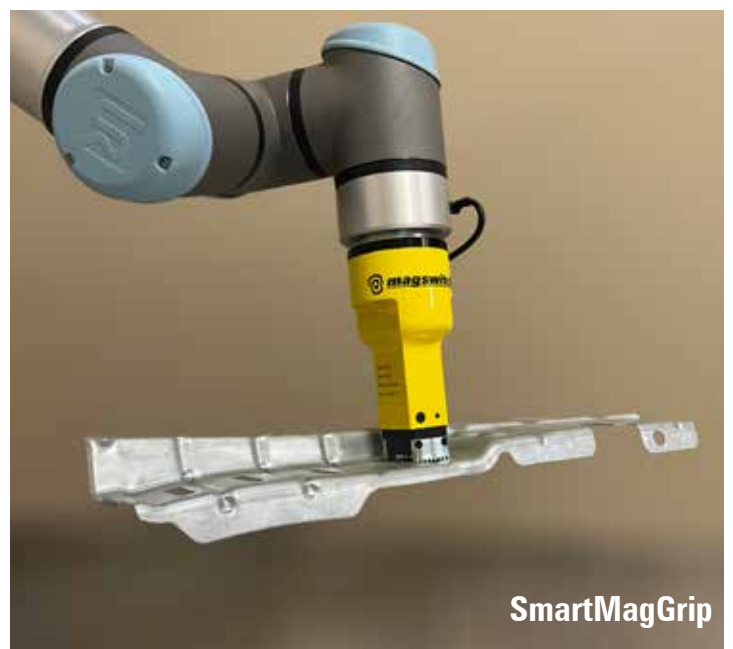
AR-Series



T-Series



D-Series



SmartMagGrip

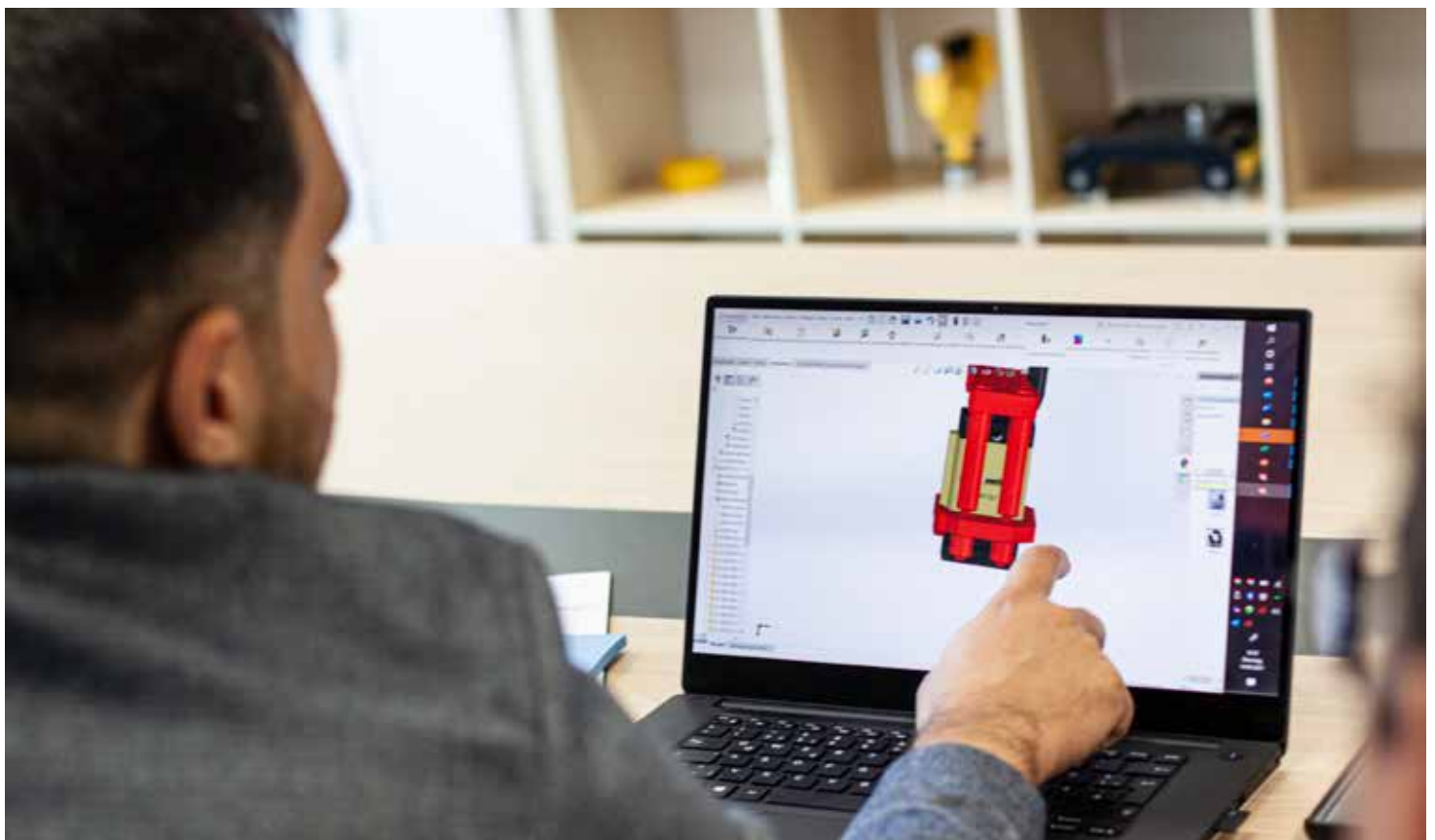
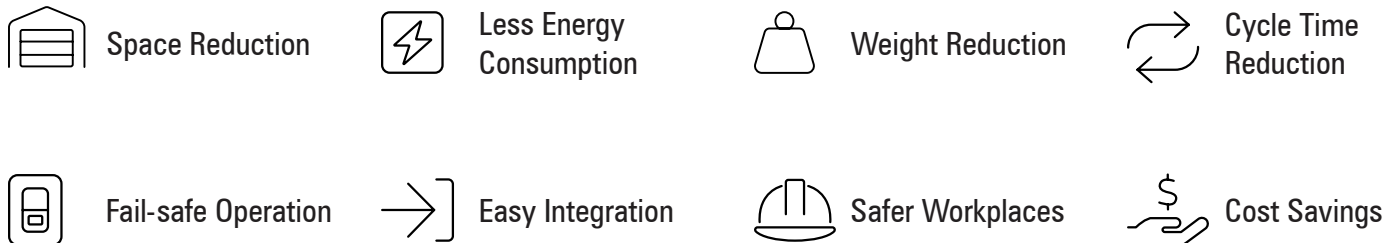
# Our Commitment

Offering unique capabilities and significant improvements to End-Of-Arm Tooling, pick-and-place, Body in White and many other applications, the powerful and lightweight tools in our automation line make it possible to implement magnets where they weren't previously applied. Magswitch can replace vacuum cups and traditional pin clamps which impact operating costs through high energy consumption and downtime.

Magswitch is rapidly being deployed as a platform technology by major automotive OEMs and Tier One suppliers including VW, Audi, GM, Gestamp and Magna among others. Like these companies, if you handle or fabricate steel using automation, you will find solutions and savings with Magswitch that you never knew were possible.

Contact the Magswitch sales and application team to get started on your next project.  
[cs@magswitch.com](mailto:cs@magswitch.com)

Customized solutions adapted to your needs will offer you:





# Magswitch Integration Into Your Products

Put Magswitch to work for you, use Magswitch in your products. We provide a whole range of expertise from design engineering and manufacturing to marketing. Combining our technology with professional expertise, we can create specialized products that fit your needs and budget.

**Join the list of companies who have integrated Magswitch into their products to gain advantage**



**Partner with Magswitch - Private Branding, Co-Branding**



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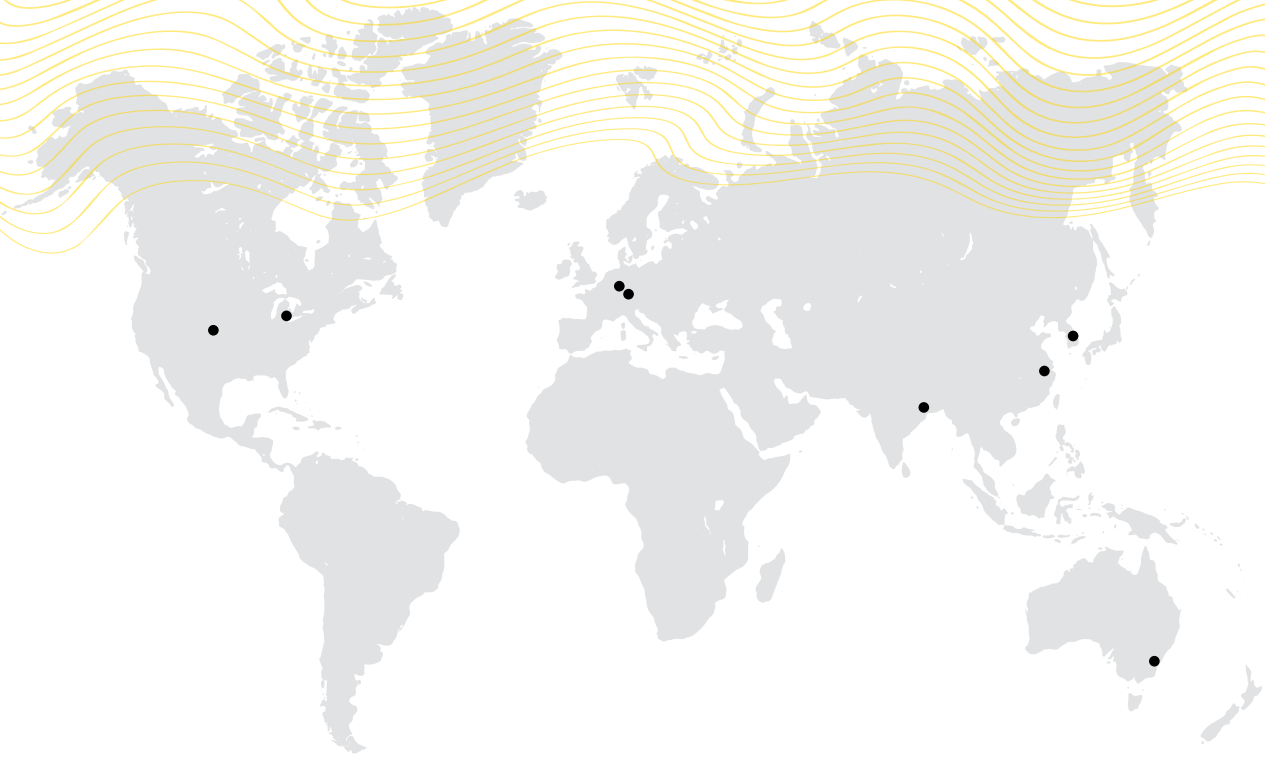
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