



MagPress Operation and Instruction Manual

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The Magswitch MagPress is designed to quickly and easily level your high/low mismatches, saving you up to 97% of your labor cost in this time consuming and tedious task. The MagPress also integrates beam press functionality, which makes it a very powerful tool in an extremely . Unparalleled ease of use and speed of operation that will pay for itself time and time again!

Read all instructions! Failure to follow all instructions listed below may result in an unsafe or dangerous condition.

General Information

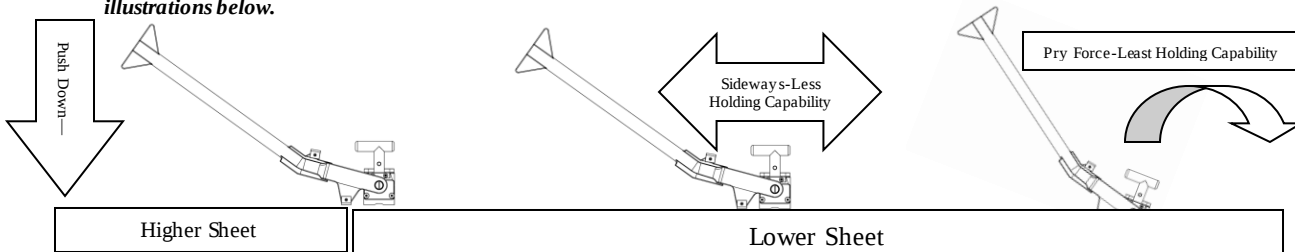
- All Magnets need to be **kept at a safe distance** from all magnetic storage devices, electronics and credit cards etc.
- Ensure that the Magswitch magnet is **stored in the "off" position** when not in contact with ferromagnetic metals.
- **Never use a Magswitch MagPress to lift any material**, although it is ideal for debris cleanup, nuts and bolts, metal shavings, etc.
- **Never use a Magswitch MagPress for OVERHEAD LIFTING!**
- **DO NOT attempt to disassemble** the Magswitch magnet; there are no user serviceable parts inside the device.
- All Magswitch products are **designed for normal work/job site conditions**, do not use underwater or in a hazardous environment.
- **DO NOT use the Magswitch MagPress if it is damaged or is not working properly**. Severe injury can occur if this device is not used properly and safely.
- **DO NOT expose the Magswitch magnet to temperatures above 180 deg. Fahrenheit (80 Celsius)**. High temperatures will permanently degrade the magnet's effectiveness and may result in an unsafe condition.
- **Not recommended for painted or finish coated surfaces**. These will reduce the magnetic bond and the finish may be damaged.
- **This product contains Lithium lubricant**. For SDS information contact Magswitch.

To use the MagPress

- Always **test the connection** before attempting to use the Magswitch MagPress to ensure that it is capable of holding the material securely.
- **Numerous factors can negatively affect the strength** of the magnetic bond. Dirt, debris, oils and grease, painted surfaces and any gap between the magnet and the metal surface will decrease the bond. **Ensure that the metal is clean** and free of these factors.
- **Thicker metals will be held more strongly than thinner metals**. E.g. 1/4" (6mm) steel will be held more strongly than thin gauge metals.
- **Never exceed the rated capacity** of the device or attempt to alter the device in any way. The 50x2 magnet will have up to 1100 lbs (500 kg) of breakaway force on material 1/2" (13mm) thick or thicker. Tested in accordance with Magnet Distributors and Fabricators Association testing methods and represents a straight break-away pull. Actual in-use results will vary greatly and **user must test every bond to determine the suitability of the magnet** to hold the material.
- **Avoid sudden jerking or shock force** as this will cause the magnet to lose its hold.
- **Never use any Magswitch MagPress as a welding ground or as part of an electrical circuit!**
- **Never use the MagPress without first tightening the 'T' handle** to secure the magnet in place. Always test this hold to ensure that nothing moves.
- For safe operation, the **bottom surface of the magnet must always be flat and smooth**. If necessary, it is possible to sand the magnet face smooth using 400 grit sandpaper and a flat surface. **Always file any burrs** that would interfere with full contact.

MagPress Operation

- **The 'T' shaped handle on this Magswitch MagPress must be turned clockwise 180 degrees until it stops** in order to be turned "ON". It is not possible to hold the magnet in place unless fully turned on.
- **DO NOT turn on unless in contact with ferromagnetic metal!** The magnet can be left ON or OFF indefinitely without harm. When ON, and near a ferromagnetic object, the magnet will attract suddenly and powerfully possibly causing damage to the surfaces or the user.
- **Place the magnet on the LOW side** of the two pieces so that the two contact points are fully on the HIGH side or over the seam. Push down on the handle to create the required amount of force on the contact point to lower the HIGH side as needed. Tack weld 2-3" from the magnet or more to secure the position.
- **To release the magnet push the handle down and turn the handle in the counter clockwise direction until it stops**. The magnet will **turn off and release immediately** upon turning the handle, use caution to ensure that it is safe to release the magnet and that nothing will fall or become dangerous.
- This Magswitch MagPress is capable of **exceptional break-away force** holding power; Magswitch magnet are exceptionally strong in **shear force** as well. **Prying force is the least powerful** of the holding capabilities and great care must be used when attempting to use this device with Pry force. **See illustrations below.**



Magswitch Limited Warranty

Magswitch products are covered by a One Year Limited Warranty on Material and Workmanship. Warranty is Non-Transferable.

Magswitch reserves the right to inspect all product claims under warranty. Any alteration of the device voids this warranty.

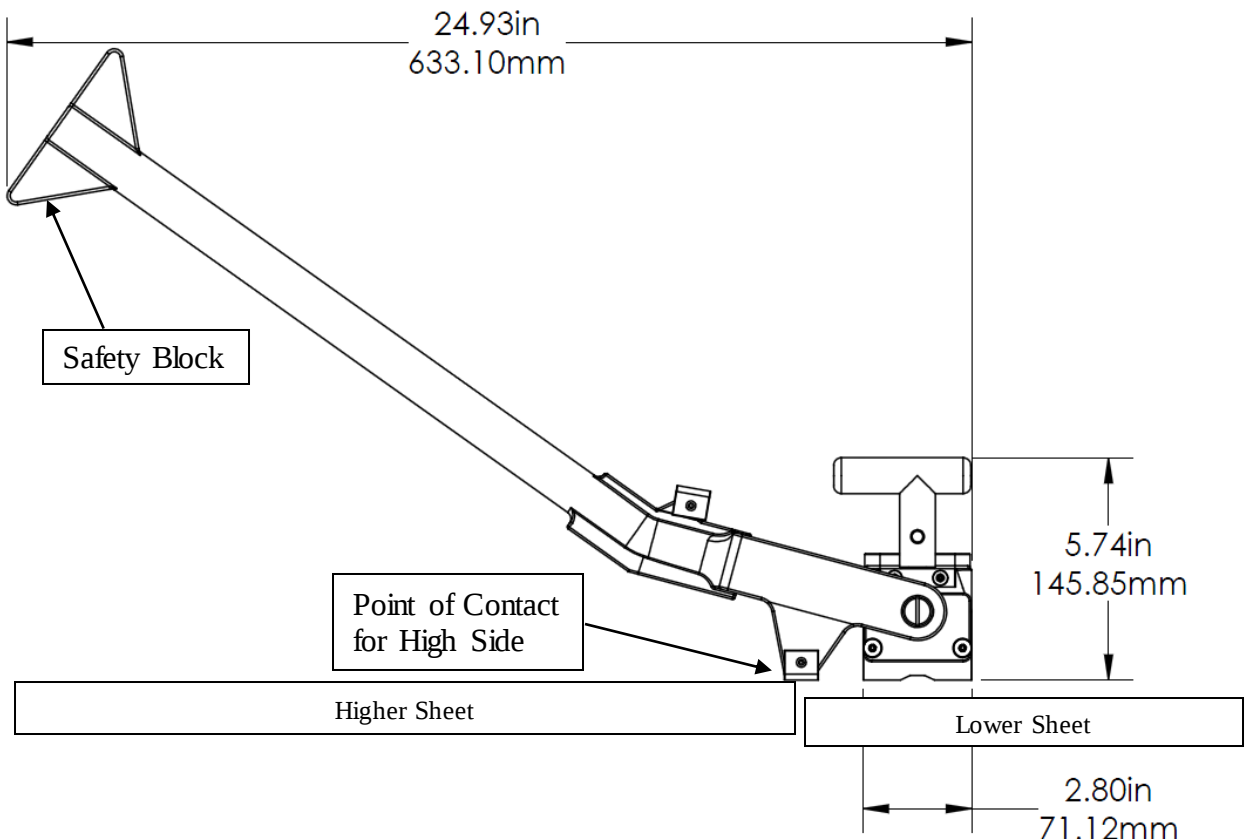
User assumes all risk for the proper use of this device and for ensuring product suitability for intended application.

This warranty shall not cover any incidental or consequential damages due to the improper use or failure of this device.

All Magswitch products are intended for the use identified on the package - not intended for resale or integration into products for resale. Contact Magswitch for inquiries on integration of technology. Australian Patent: 753496, Chinese Patent: 254155, New Zealand Patent: 51 8865, Singapore Patents: 88931; 103413, South Africa Patents: 2002/3752; 2004/1785, US Patents: 6,707,360; 7,012,495. Additional Patents and Patent Applications Pending.

MagPress Usage Manual

- The MagPress is perfectly suited to leveling applications when holding to any flat ferromagnetic substance such as steel plate.
- DO NOT carry steel plate with the MagPress as the steel plate may slide off and the handle may be broken off of the magnet.
- As with all precision devices, damage can occur from dropping, bumping and impact. Magswitch recommends periodic inspection by the user to ensure that the MagPress is still functional and fits their needs.
- To use the MagPress, simply position the magnet fully on the LOWER side of the two plates. Ensure that the contact point is fully on the HIGHER side, or over the seam. Turn the handle clockwise 180 degrees until it locks in place to the “ON” position. As you turn the handle, the magnetic grip increases allowing for accurate positioning until fully held in place. Push down on the handle until the sheets are leveled. Tack weld the seam 2-3” (8cm) away from the magnet or more to secure the seam in place. Push the ‘T’ handle down and turn counterclockwise to turn the magnet off ensuring that nothing will fall.
- Never turn the magnet on when not in contact with ferromagnetic metal. Sudden impact to the metal can occur causing personal injury or damage to the surfaces.
- Always test the hold of the magnet to ensure that it is sufficient to secure the material in place without slipping or falling.
- When used for material holding for metals that are to be welded, be careful not to overheat the magnet. Temperatures above 180 degrees Celsius internal will permanently degrade the magnetic power and holding strength. Magswitch recommends a tack weld only to keep the heat transfer to a minimum.
- In order to avoid interfering with the spark, and to avoid overheating the magnet, always keep at least 3 inches (8cm) from the magnet with the spark. Magswitch recommends a tack weld at least 3 inches away from the magnet, and the prompt removal of the magnet from the heat source in order to avoid excessive heat transfer.



- To use the Beam Press function, simply flip the handle bar to the other side of the magnet. This compact size Beam Press is perfect for vertical beams of 4-5 inch tall. Press the vertical beam at the swivel contact point. Ensure that the contact point is fully on the vertical beam. After setting the tool at the right position, turn the handle of the magnet clockwise 180 degrees until it locks in place to the “ON” position. As you turn the handle, the magnetic grip increases allowing for accurate positioning until fully held in place.
- In order to avoid interfering with the spark, and to avoid overheating the magnet, always keep at least 3 inches (8cm) from the magnet with the spark. Magswitch recommends a tack weld at least 3 inches away from the magnet, and the prompt removal of the magnet from the heat source in order to avoid excessive heat transfer.

