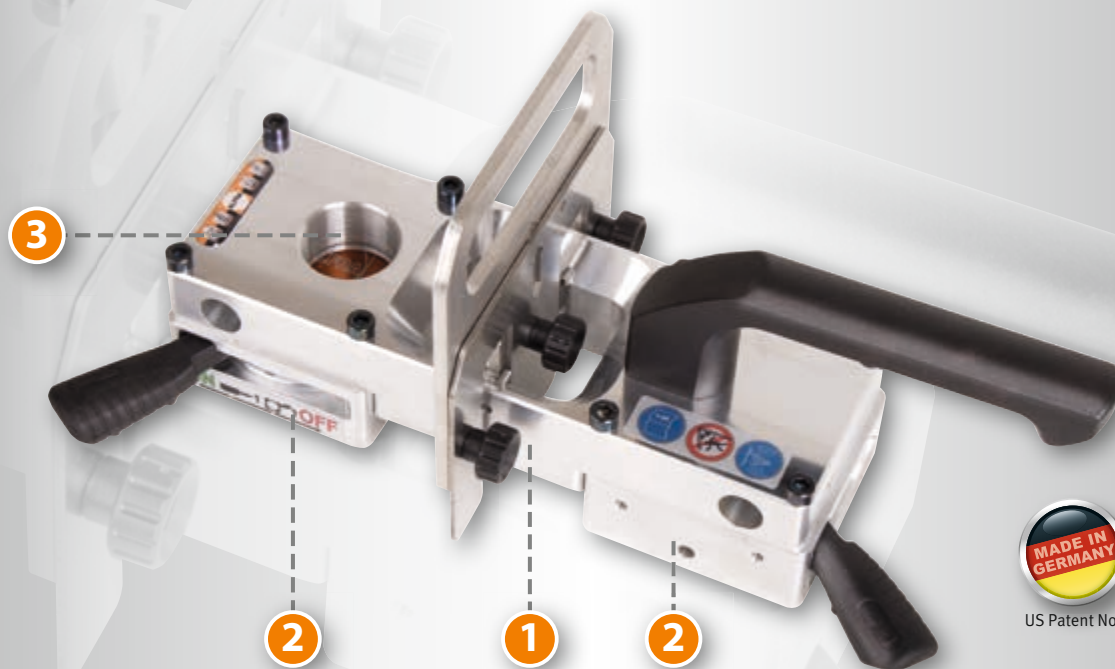


Extremely lightweight Positioning Magnet for all purposes with the highest requirements during alignment of metal plates and other components at the same level. The ideal tool for use in steel, container, and metal construction.

- 1 Only 6.0 kg dead weight
- 2 Can take a load up to 600 kg and is operable from just 1 mm
- 3 Can be upgraded to a 'small welding bench' with the use of different supplements



US Patent No. 8350663B1



Explore maximum functionality with minimum effort: Additional components of this easy to use magnet eliminate the need for a welding bench. This magnet allows for the ideal, free and flexible positioning of plane steel sheets from just 1 mm thickness.

- Very stable connecting plate (25 mm) made of high performance aluminium for the precise alignment of components—even with heavy workpieces
- Multiple functions combined in one tool:
 - Picking up and transporting workpieces
 - Positioning assistance during welding
- The first magnet is used to pick up a workpiece, move it to another welding piece, position it and align it while the second magnet fixes it tightly in this position
- Welding is then possible on the left or right side or through the hole in the middle. A fine and precise weld formation is also possible between the magnets
- The minimum distance from the magnet for welding is only 10 - 15 mm depending on the material thickness since the patented magnetic system hardly disrupts the arc
- Wear-resistant magnetic contact area made of hardened steel with TiN-coating preventing damages and guaranteeing a long lifetime

Technical data (without accessories):

- Weight: 6.0 kg
- Length: max. 344 mm (incl. lever)
- Width: 200 mm
- Height: 115 mm

Optional:

- Replaceable sockets with Ø 16 mm and 28 mm fit all common welding bench clamping systems
- Plug-in supports for maximum gripping pressure under the screw clamp:
 - Max. 400 kg / 4000 N at a 20 mm distance to the side edge
 - Max. 300 kg / 3000 N at a 40 mm distance to the side edge
 - Max. 175 kg / 1750 N at a 180 mm distance to the side edge

The new TMP system offers a multitude of different combination options for positioning workpieces quickly and safely in different arrangements.

Technical data (with accessories):

- Weight: 6.5 kg
- Length: max. 344 mm
- Width: 200 mm
- Height: 115 mm