

MAGNUM MAGNETICS® **Magnetizers**

UNITED STATES PATENTS

#8,174,346

#8,410,880

#8,410,881

CANADIAN PATENT

#2,832,276

AUSTRALIAN PATENTS

#2008229069

#200822906

EUROPEAN PATENT

#2135265



WARNING: Magnetizers contain strong, permanent magnets. People with sensitive life-supporting electronic equipment such as pacemakers or Implantable cardioverter-defibrillators (ICDs) should not operate the magnetizer, and a minimum clearance distance of 12 inches from the unit should be maintained.

800.258.0991
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MagnumMagnetics.com/magnetizers

MAGNETIZE POST-PRINT
Print Magnum's magnet media on
your digital press and magnetize
post-print with Magnum's magnetizer.

M Magnum
Magnetics®
The Force in Flexible Magnetics®

PORTABLE DESKTOP MAGNETIZER SPECIFICATIONS

Model #	Material Width	Magnetization Pattern*	Pull/lbs per sq. ft (kg per m ²)
High Energy PDM16-HE	13" (330.2 mm) maximum	16 PPI	60 (293)
Standard Energy PDM16	13" (330.2 mm) maximum	16 PPI	60 (293)

*16 PPI (poles per inch) is recommended for Magnum Magnetics® MuscleMag® High-Energy magnetic sheeting that is 0.017" (.43 mm) overall thickness.

General Specifications: Enclosed chain drive, constructed of stainless steel, aluminum and plastic. Approximate product dimensions: 19" long x 15" wide x 7" high (48.2 cm x 38.1 cm x 17.7 cm) (with case closed) **High-Energy Weight:** 29 pounds (13.1kg), **Standard Energy Weight:** 20 pounds (9 kg).

Power Requirements: Uses standard 15A 120V outlet (actual power requirement 2A)

US Patent #8,174,346 | Canada Patent #2,832,276

HANDHELD MAGNETIZER SPECIFICATIONS

Model #	Material Width	Magnetization Pattern*
HHM1200716PPI	No Limitation	16 PPI

*16 PPI (poles per inch) is recommended for Magnum Magnetics® magnetic sheeting up to 20 mil (.51 mm) thick. **Other pole spacing options are available.**

General Specifications: Comes with durable storage case, instruction sheet and view screen for viewing magnetic pole lines. 6" (152.4 mm) wide per pass magnetizing capability provides minimum 85 lbs. per square foot (415 kg per sq. m²)

US Patents #8,410,880, #8,410,881 | AUS Patent #2008229069

INDUSTRIAL MAGNETIZER SPECIFICATIONS

Model #	Material Width	Magnetization Pattern*
High Energy** SM1103NHE-16-000	12½" (317.5 mm) maximum	16 PPI
High Energy** SM1103WHE-16-000	26" (660.4 mm) maximum	16 PPI
Standard Energy SM1103NSE-16-000	12½" (317.5 mm) maximum	16 PPI
Standard Energy SM1103WSE-16-000	26" (660.4 mm) maximum	16 PPI

*16 PPI (poles per inch) is recommended for Magnum Magnetics® magnetic sheeting up to 20 mil (.51 mm) thick. **Other pole spacing options are available.**

**High Energy Magnetizer is for use on specially formulated MuscleMag® high energy sheeting 15 mil (.38 mm) and thicker.

General Specifications: Magnetizes sheet widths up to 26" (660.4 mm). Variable speed up to 70 feet (21.33 m) per minute; Direct enclosed gear drive; constructed of aluminum, brass and stainless steel. Mobile floor stand with height adjustable from 28" (711.2 mm) to 40" (1016.0 mm)

Power Requirements: 120 volt 3 amps

US Patents #8,410,880, #8,410,881; AUS Patent #200822906; European Patent #2135265

Roll-to-Roll Magnetization

Magnum can also offer a magnetizing solution for roll-to-roll production methods. Please get in touch with us to discuss your needs.



Portable Desktop Magnetizers

Increase your product offering by including digitally printed high-strength car sign magnets.

- Economical solution for magnetizing small jobs
- Integrated feed tray with feeding guide to ensure consistent magnetization
- Lightweight, durable and reliable, easy to store
- Magnetizes at 60 fpm (18.2 mpm) using High-Energy and 50 fpm (15.2 mpm) with Standard Energy.

Handheld Magnetizers

Diversify your product offering by including printed magnets.

- Magnetize magnetic sheeting after printing or lettering
- Operates manually; no electricity required
- 6" wide per pass magnetizer in easy-to-grip housing
- Perfect choice for low volume and occasional jobs
- Lightweight, durable and reliable, easy to store

Industrial Magnetizers

Built to order in-house and can be used as a free-standing unit or integrated into your production, tipping, or inserting line.

- Perfect choice for volume jobs done on a regular basis
- Low maintenance, reliable, economical and easy to manually feed
- Custom pole spacing options and High Energy option available



In-Line Magnetization

Designed and custom built for your process.

- Includes a range of sizes
- Eliminates extra processes and reduces costly finishing time

US Patents #8,410,880, #8,410,881; AUS Patent #200822069



SETTING
A WORLD
CLASS
EXAMPLE



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