

# Magnum Magnetics®

## Magnetizers



### High Energy 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)
- **US Patent # 8,174,346; Canada Patent # 2,832,276**

### Standard Energy Portable Desktop Magnetizers

Increase your product offering by including digitally printed business card, calendar and photo 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 50 fpm (15.2 mpm)
- **US Patent # 8,174,346; Canada Patent # 2,832,276**



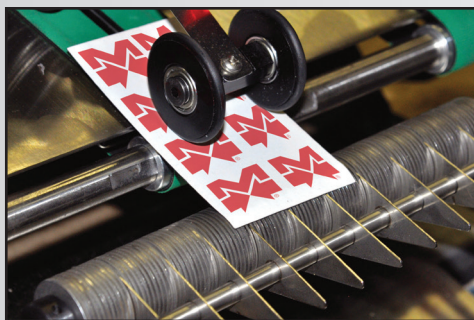
### Portable Desktop Magnetizer Specifications

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



### In-Line Magnetization

- Designed and custom built for your particular process
- Includes a wide range of sizes
- Eliminates extra processes and reduces costly finishing time
- **US Patents # 8,410,880, # 8,410,881; AUS Patent # 2008229069**

**WARNING:** Magnetizer contains strong permanent magnets. People with sensitive life supporting electronic equipment such as pacemakers or implantable cardioverters should not operate the magnetizer and a minimum clearance distance of 12 inches from the unit should be maintained.

**Magnetize Post-Press**  
 Print Magnum's magnet media  
 on your digital press and  
 magnetize post press with  
 Magnum Magnetics  
 magnetizer.



\* Motorized magnetizer shown with optional stand and tray accessories.

## 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
- **US Patents # 8,410,880, # 8,410,881; AUS Patent # 200822906; European Patent No. 2135265**

### Industrial Magnetizer Specifications

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

## Handheld Magnetizers

Increase your product offering by including printed magnets!

- Magnetize your 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
- **US Patents # 8,410,880, # 8,410,881; AUS Patent # 2008229069**



### 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. m<sup>2</sup>)

Updated 12/20



### Roll to Roll Magnetization Option

Magnum can also offer a magnetizing solution for roll to roll production methods. Please contact us to discuss your requirements.

**800.258.0991**  
**sales@magnummagnetics.com**  
**magnummagnetics.com**