



NEWS RELEASE

For Immediate Release
News for the Metalworking Industry

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Magna-Rails® and Magna-Rolls® from Eriez® Hold Steel Parts Firmly on Automated Conveyor Lines



Erie, PA--- [Eriez® Magna-Rails® and Magna-Rolls®](#) magnetically convey, transfer, control, elevate, reposition, hold or orient basic ferrous materials and finished parts. These products have been the industry standard for more than 40 years and are used primarily on automated conveyor lines.

An ever-present need within many processing industries is the ability to hold steel parts firmly on moving belt conveyors. Such conveyors, fitted with Eriez Magna-Rails, ensure that parts do not fall off, even when being elevated or lowered. These magnetic elements, positioned under conveyor belts and secured by mounting brackets, provide a safe, positive hold for ferrous parts—cans, sheets, nails, stampings, finished parts, even scrap—at high speeds in any direction, even up inclines as steep as 90 degrees.

Two types of permanent magnet Magna-Rails are offered — Erium® 45 (Alnico) and Erium 25 (Ceramic). Straight sections are available in various holding strengths, and in increments up to 10 feet (3 m) in any one section. They can be positioned to provide any desired length.

In addition to the Erium 45 and Erium 25 models, an Electro Magna-Rail is available for special applications where on/off power is required. Electro Magna-Rails are built with a 3-3/4" (95 mm) face width in standard 12" (304 mm) as well as special lengths

Magna-Rolls are commonly used in direct contact with steel sheets and tubing. Their firm magnetic grip helps ensure that when the roll turns, the steel moves. Further, when the roll stops, the steel stops as well, thus eliminating the need for pinch rollers.

Magna-Rolls are constructed in several types—with a flat surface or crowned. Contoured and special faces for specific jobs are available, as well as single and multiple gap units. Virtually any diameter from 2-1/2" (63 mm) and up can be supplied in Magna-Rolls. The 2-1/2" (63 mm) and 4-3/8" (110 mm) rolls have a narrow air gap which provides maximum holding power and traction for a given diameter. The 5 3/8" Magna-Roll has the greatest magnetic strength and can be furnished with either a flat or crowned surface.

Eriez' line of Magna-Rails and Magna-Rolls can be seen in more detail at <http://en-us.eriez.com/Products/MagnaRailsMetalworking/>.

Eriez is recognized as world authority in advanced technology for magnetic, vibratory and inspection applications. The company's magnetic lift and separation, metal detection, x-ray, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, recycling, mining, aggregate and textile industries. Eriez manufactures and markets these products through 12 international facilities located on six continents. For more information, call toll-free (888) 300-ERIEZ (3743) within the U.S. and Canada. For online users, visit www.eriez.com or send e-mail to eriez@eriez.com. Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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