

# CONVEYORS & CONVEYOR COMPONENTS



## PERM-ELECTRO HYBRID RAIL

### APPLICATIONS:

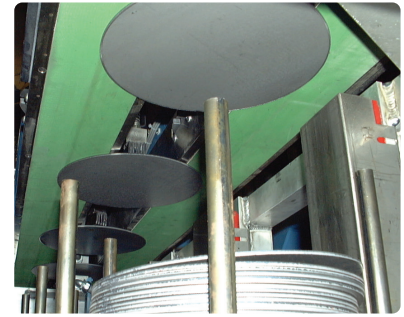
- » For belt transfer of 22 to 12 gauge flat blanks and sheet stock
- » Automated Sheet Handling
- » Transfer of parts between presses
- » Stacking
- » Overhead Conveying

### BENEFITS:

- » Automated press feeding
- » Controlled Drop Points
- » No battery backup required



**For more information  
request a Conveying Rail Tech Sheet.**



Permanent-Electro Hybrid Rail is used for conveying and transferring steel sheets and parts in various industries including: Automotive, Appliance and Office Furniture. Hybrid Rail allows for automated handling and feeding of steel items, improving production and safety. This rail utilizes a permanent magnetic circuit to move and hold steel objects during conveying. The coil is only energized for release the parts from the conveyor belt. This is a permanent magnet with an electrical release function. This fast acting On/Off action enables the magnets to be controlled for specific drop points throughout the conveying system.

## PERMANENT CONVEYING RAIL & ROLLS/PULLEYS



Magnetic Conveying Rail utilizes powerful permanent magnets to hold ferrous parts such as steel containers, composite cans, lids and more firmly in place during conveying. The magnetic rail is installed as a stationary component and allows the conveyor belting to ride over the top of it. The strong magnetic field holds parts tightly to the belt surface, even during vertical, inclined or horizontal conveying. Conveying speeds can be increased while eliminating the slipping or rolling of items.

### BENEFITS:

- » Increased production rates
- » Uniform part orientation and holding
- » Straight, curved or radius designs
- » Powerful Permanent Magnets

Additional benefits include better utilization of space within a facility, noise reduction, correct part orientation and on-time material flow. IMI has a full line of quality magnetic components available in a wide variety of sizes and strengths to meet your application needs.

**For more information on this product, contact us by phone, email or visit our website to request a Conveying Rail Tech Sheet.**



## CUSTOM MAGNETIC CONVEYING SOLUTIONS

Factory experts will develop a custom magnetic conveyor solution. IMI will provide support throughout the entire process from field sales support to design, manufacturing and final testing.

For more information on custom conveying products, please contact IMI at 888.582.0823 or go to [www.magnetics.com](http://www.magnetics.com)



**Magnetic Decline for Oven Components**



**Test Blanks Off End of Coil**



**Stacking Round Blanks**

