



MAGNETIC PRODUCTS, INC.
Magnets | Material Handling
Electronic Inspection | Service

Material Handling Equipment

MPI helps you reduce the trauma of production delays by providing the most reliable parts handling and scrap removal equipment.

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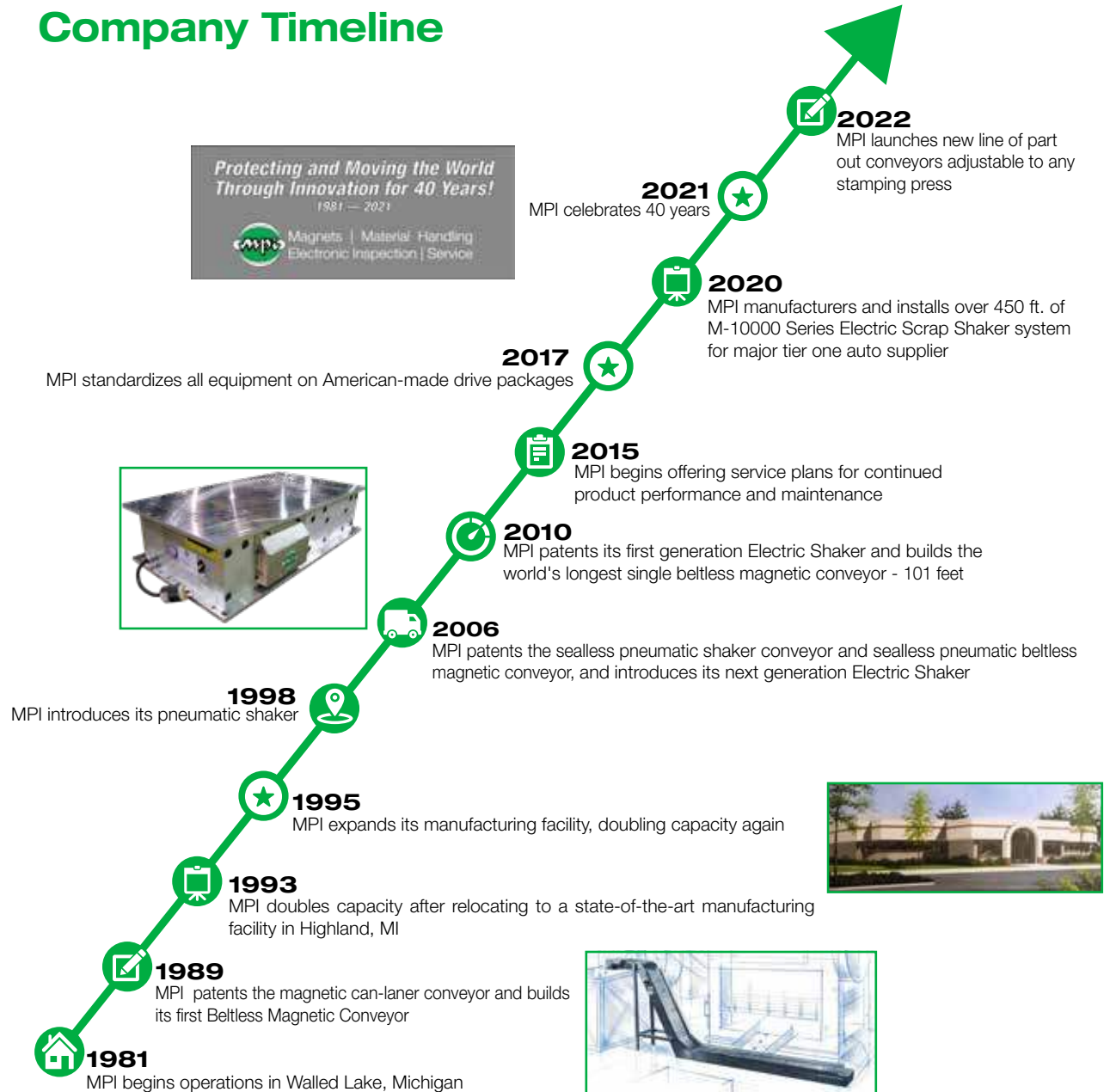
For more information & product data sheets visit us on the web at:
www.mpimagnet.com

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About MPI

Based in Metro-Detroit Michigan, MPI designs, manufactures, and services magnets, material handling, and electronic inspection systems. MPI products are designed to be complete metal and foreign contamination control solutions for industrial applications across many industries. MPI's safe and reliable equipment and service programs help customers minimize downtime and protect brand integrity. MPI leads the industry in customer service and innovation, continuously expanding its offerings to meet the needs of a dynamic marketplace.

Company Timeline



Protecting and Moving the World Through Innovation

When you choose to buy from MPI you're not just buying a material handling piece of equipment. At its core, a conveyor may be designed to move an object from point A to B. When you choose MPI, you get so much more.

Over 40 years ago, MPI's founder realized that when he took the time to explain our technology, customers were delighted, and they obtained the results they were looking for. His vision was to start a company where both employees and customers were treated exceptionally well, and innovation was the new normal.

Thus, MPI was born, and today it is still under the same family ownership and unique set of values – treat people right, consistently develop high-quality and innovative products, and lead the industry in customer education. We continuously invest in improving your business by developing new products designed to make a real difference to our customers. Through the years, MPI has invented innovative products, including electric low-frequency shaker systems for press and floor-mounted applications, and developed the most reliable beltless magnetic conveyor on the market.

The MPI team understands that our customer's metal forming equipment needs to be running at peak performance and downtime minimized, to ensure return on investment for large equipment purchases. It is MPI's mission to create the most reliable scrap and parts handling equipment available, that enables your press, laser, or machining center to run at peak performance, and with minimal downtime. We understand that metal forming equipment output is how our customers generate profit, and that profit should not be restricted by the parts or scrap handling that supports it.

Not only are MPI products the best in the industry, but we also make it easy for our customers to do business with us. With over 300 years of collective industry experience, our proven process ensures you get the right product, every time. Delivering exceptional customer service, MPI's experienced representatives and Regional Managers around the world come to your facility to meet with you and better understand your needs.



Above: Keith Rhodes, MPI Founder & CEO, reveals the revolutionary next step in magnetic separation products. Intell-I-Mag®, the intelligent magnet, is Keith's latest patent, exclusive to MPI magnetic separators.

Below: Kyle Rhodes, Vice President - Business Development, shares his industry expertise during an educational training session for employees and Sales Channel Partners (SCPs).

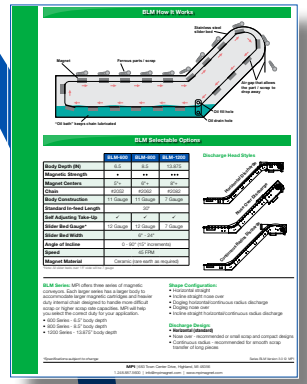


MPI PROVEN PROCESS

APPLICATION INFORMATION



CONFIGURE SOLUTION



MPI Promise

You can choose MPI with complete confidence, knowing that we stand behind our products and offer the industry's best policies and guarantees to ensure doing business with MPI is easy and risk-free. The MPI Promise is like a benefits package that starts the moment you first speak with us and extends long after your equipment installation. When you do business with MPI we promise:



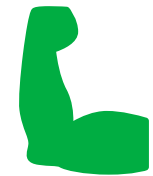
COMPLETE SATISFACTION

Our equipment will achieve the results for which they were designed and manufactured. If you encounter any issue, we will make it right. Family owned and operated since 1981, we stand behind our products and treat our customers like part of the family.



EDUCATION

You have the right to understand the technology you are buying, including the alternatives. We pledge a continuous focus on delivering customer education that empowers you with the information needed to select what is best for your application.



LIFETIME SUPPORT

For as long as you own an MPI system, MPI Metal Control Experts are on-call to provide technical support regarding installation, start-up, optimization, and testing needs for your entire metal control system. We will even assist with your non-MPI brands.



THE CHIEF

Our head honcho REALLY cares about your experience with MPI. If you have any feedback you'd like to share, here is your open invitation to contact Kyle Rhodes, our Vice President of Business Development, at: rhodes@mpimagnet.com.



THE BEST QUALITY

Our products are built with the best available designs, materials, and workmanship to deliver the best metal control results for your application. From concept to final product, we design our equipment to the highest standards, with the lowest total cost of ownership.



24/7 SERVICE

2nd or 3rd shift need support? Our 24/7 service line connects you directly with an on-call MPI Expert. Call the main line at [1.248.887.5600](tel:1.248.887.5600) and press 9.



RELIABLE DELIVERY

Over the last 10 years, 99% of our shipments have been delivered on or before our promise date. If you need a product before our quoted lead time, let us know and we will do everything we can to make it happen.



FAIR PRICES

We are committed to providing premium products at the best value. If you receive a competitive quote with a lower price for an "apples to apples" product, we will match it - plain and simple.



Press Mounted Electric Shaker Conveyors

MPI's patented Electric Shaker Conveyor series is designed to remove scrap metal from small to large stamping presses that require up to a 180" (15') crossbar or larger, using dual systems. Our scrap removal conveyors make scrap management simple. The turnkey scrap handling system is designed to start handling scrap right out of the crate. Simply mount it to the press's T-slots, connect it to 110v power and attach your pans (supplied by MPI or end user), then power on the unit. The system is designed to run without the need for maintenance, air, or lubrication. The scrap conveyor runs at a fixed speed (factory preset at the optimal setting). Items that can be tampered with and may slow production, such as buttons, controls, or dials, have been eliminated.

Key Features

Reliable Solution to Stay Up and Running - Deliver years of dependable service using a modular design, so if something does go wrong, you can get back up and running quickly. Avoid scrap shaker failure due to uneven pan loads. MPI's exclusive rack and pinion design delivers an even load to the drive no matter how lopsided your pan setup needs to be for your die.

Easy Installation and Quick-Changeover - Easy plug and play design installation slides into 2 or 4 T-slots on the press, and locks down by tightening a bolt and plugs into a standard 110V plug. The optional Quick-Release Pan Mount Bracket Accessory makes it easy to add, remove and slide pans on the extrusion when setting up for a new die.

Extremely Efficient - Outperforms pneumatic designs with an extremely efficient compact electric motor that drives the scrap conveyor reducing operating costs by 71%.

Heavy-Duty 7-Gauge Carbon Steel Construction - Heavy-duty 1" thick aluminum billet construction is lightweight for the drive and strong enough to stand up to anything in the press room.

Easy to Reverse Direction of Travel - Reverse the scrap's direction of travel by unmounting, turning 180 degrees and remounting.

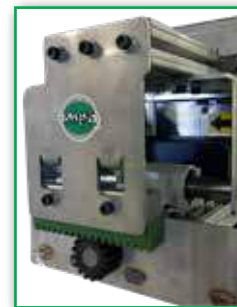
Quiet Operation - Quiet operation with the smooth, almost silent electric shaker movement.

MPI Service and Support - Should the unexpected occur, MPI has spare units on the shelf, a repair program, and a 24/7 number - so you can know you can reach us, even if it is 2 a.m. on a Sunday.

Optional Cart for Quick Changeover - An optional cart with casters and adjustable height enables the to system to be easily moved around the pressroom and adapted to different die heights.



Optional Quick-Connect Cart



| | M-10 | M-50 | M-200 |
|---|---------------|---------------------|-----------------------------|
| Max Cross Bar Width | up to 18" | up to 36" | 4' to 15' |
| Turn Key (T-Slot Mounts, Crossbar) | ✓ | ✓ | Rack and Pinion Only |
| Weight Capacity (LBS) | 10 | 50 | 200 |
| Power | 110V | 110V | 110V |
| Motor Size (H x W x D in IN) | 4 x 13 x 8.38 | 5.63 x 17.25 x 8.63 | 6.25 x 27.25 x 14.5 |
| On/Off Power Switch | ✓ | ✓ | ✓ |
| Pan Load Installation | Balanced | Balanced | Unbalanced w/ Rack & Pinion |
| Rack & Pinion Compatible | | | ✓ |
| Conveying Speed | 20 FPM | 20 FPM | 20 FPM |
| Multi-Pan Compatible | ✓ | ✓ | ✓ |



Watch How it Works

Floor Mounted Electric Shaker Conveyors

M10000 Series shown with 150ft pan system

MPI's M10000 Series High-Capacity Floor Mounted Electric Shaker Conveyor is designed to transfer scrap metal, bulk products, or bulk materials reliably over long horizontal distances. The horizontal motion conveyor is designed to transfer at rates of over 10,000 pounds per hour and distances of hundreds of feet. The shaker conveyor features a formed steel pan that is driven by a single drive at a smooth, low frequency to convey materials in a horizontal motion.

Specifications

Drive System - Patented M-10000 Series shaker drive system module including motor, gear case, and cam, mounted to base plate to drive system.

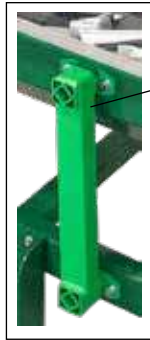
Assembled Pan Length - The maximum length of the shaker pan is dependent on the size, shape, material, and scrap rate being transferred on the pan. Overall lengths can be up to 250' long.

Pan Size - Pan sizes and shapes can be configured for the application as required. Standard widths are 24" and 36".

Conveyor Speed - Maximum design speed is 15 FPM.

Pan Height - Shaker conveyor pan height is flexible based on the configuration required and stack up height of multiple systems.

Controls - MPI offers standard control packages for the shaker system. Controls can be customized if required for the application.



Key Features

Reliable Maintenance Free Conveyance - Low frequency, smooth horizontal motion conveyor single pan systems reliably transfer scrap or parts in a horizontal motion.

Indestructible Pans - Uniform steel pans are more rigid and take less damage from scrap or parts, reliably transferring scrap from conveyor to conveyor. If damaged, pans can typically be repaired or replaced in-house, reducing the need for outside vendors to help get equipment back up and running.

Flexible, Modular Design - Flexible configurations and options allow users to optimize and configure the system for their application. The pans, drive, and pan supports are modular to scale up and down for each application and easy to replace should damage occur, maximizing uptime.

Safer Operation - Pinch points are eliminated with the single pan design and the short stroke of the drive makes the system safer to work around compared to other conveyor designs.

High ROI - Lower maintenance costs and higher uptime deliver a quicker return on your investment.

Turnkey Support - MPI supports customers from initial concept to start up and beyond. Our team has the expertise to support each major step of the integration process, including onsite assessments, drawing review, component integration, scheduling for installation, and installation supervision.



MPI built the "SCRAPINATOR" 1200 series Beltless Magnetic Conveyor (BLM) for a large stamping customer.

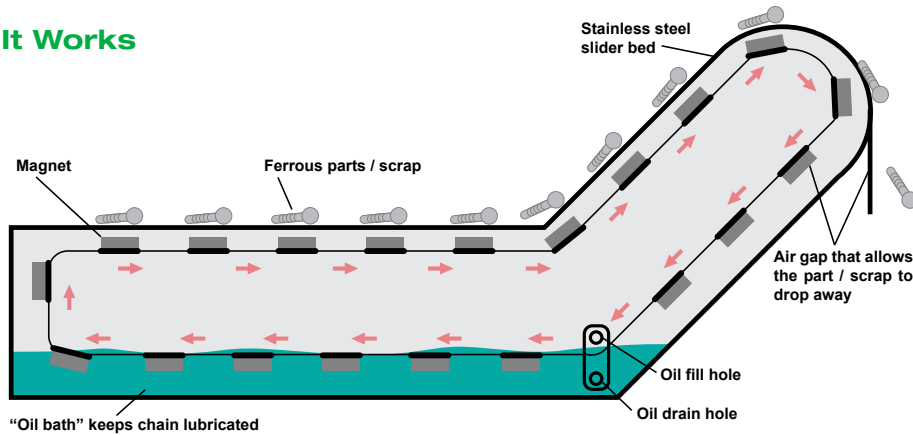


In 2010, MPI built the world's longest Beltless Magnetic Conveyor, at 101 feet.

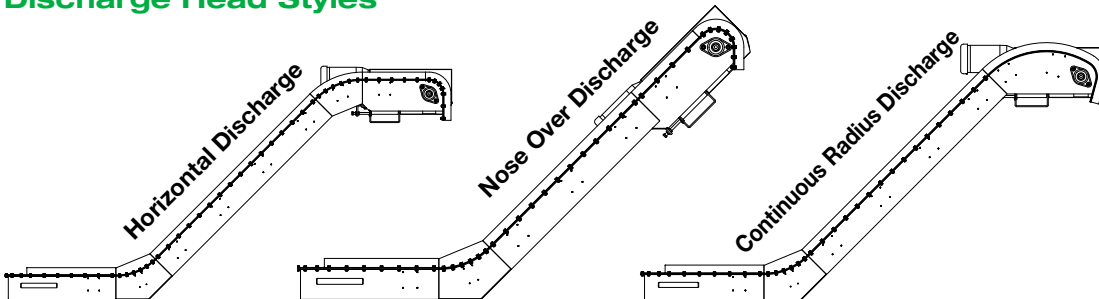
Beltless Magnetic Conveyors



How It Works



Discharge Head Styles



MPI's Beltless Magnetic Conveyors (BLM) are the safest and most efficient way to convey ferrous metal. BLMs feature internal magnets enclosed in UHMW cartridges that eliminate metal-on-metal friction, encased in a sealed, liquid-tight enclosure resulting in a near 100% maintenance-free design. The internal oil bath lubricates all internal moving components to promote ongoing reliability. MPI understands that a one-size-fits-all solution does not exist. We create custom magnetic circuit designs using Ceramic 8 or high-intensity rare earth magnet material specifically suited for each and every application. Our experts will also be on-site for testing to ensure a successful startup at your facility.

Key Features

Wear and Impact Resistant Slider Bed – Minimum 12 gauge stainless steel slider bed (7 gauge for over 18" wide or manganese option)

Optimized for Minimal Magnetic Drag – Magnets enclosed in UHMW wrapper, internal stainless magnet supports and welded stainless motor mount

Automatic Chain Tensioning – Internal take-up maintains tension for life of unit and is enclosed to keep debris out of moving parts

Best in Class Track System – Welded structural steel angle and stainless in convex and concave (high wear areas) – No UHMW track or laminated light gauge steel channel

American Made Drive Packages

| | BLM-600 | BLM-800 | BLM-1200 |
|-------------------------|----------------------------------|----------|----------|
| Body Depth (IN) | 6.5 | 8.5 | 13.875 |
| Magnetic Strength | ● | ●● | ●●● |
| Magnet Centers | 5"+ | 6"+ | 8"+ |
| Chain | #2052 | #2062 | #2082 |
| Body Construction | 11 Gauge | 11 Gauge | 7 Gauge |
| Standard In-feed Length | 30" | | |
| Self Adjusting Take-Up | ✓ | ✓ | ✓ |
| Slider Bed Gauge* | 12 Gauge | 12 Gauge | 7 Gauge |
| Slider Bed Width | 6" - 24" | | |
| Angle of Incline | 0 - 90° (15° increments) | | |
| Speed | 45 FPM | | |
| Magnet Material | Ceramic (rare earth as required) | | |

*Note: All slider beds over 18" wide will be 7 gauge

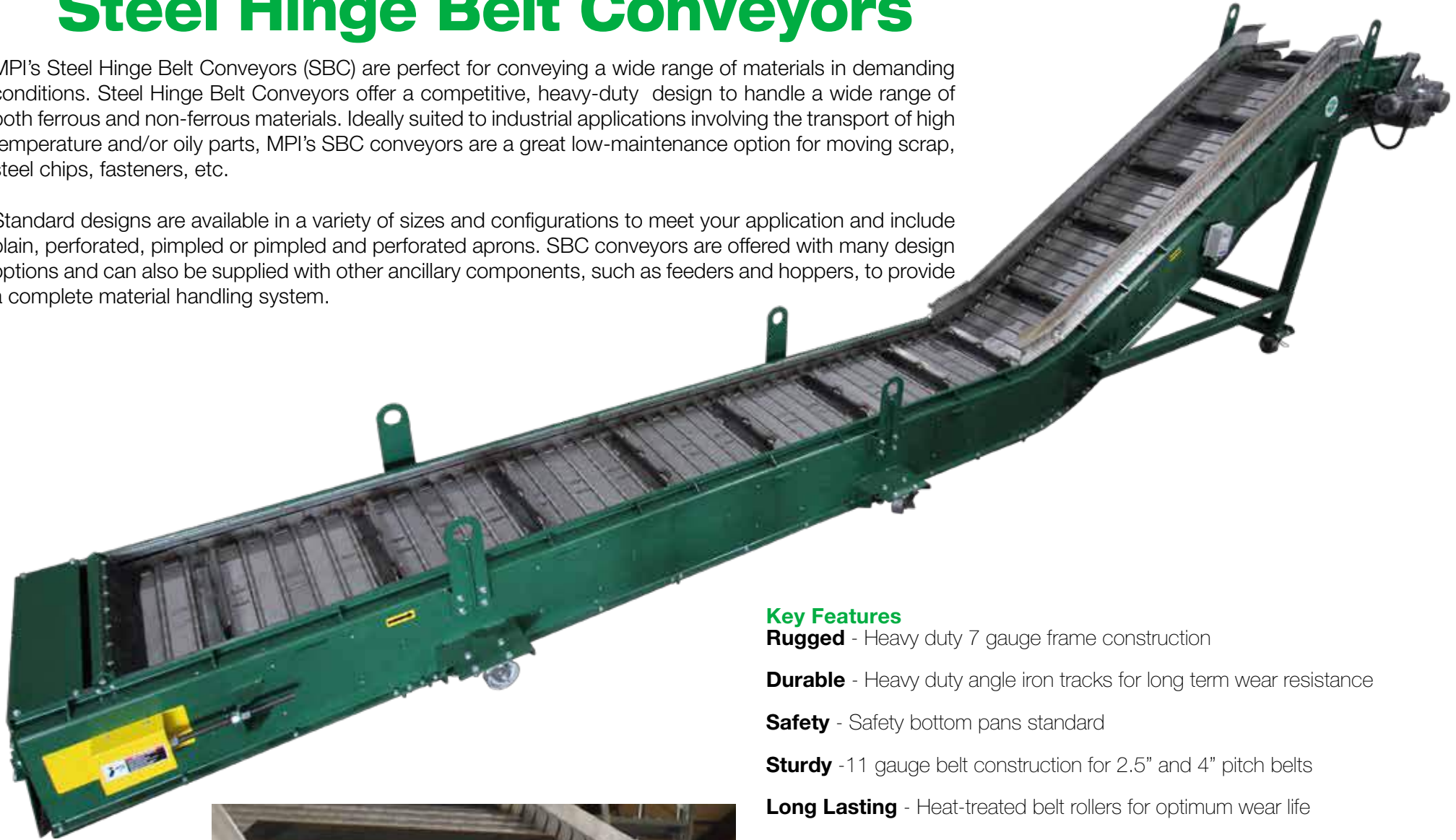


Steel wire mesh is also available.

Steel Hinge Belt Conveyors

MPI's Steel Hinge Belt Conveyors (SBC) are perfect for conveying a wide range of materials in demanding conditions. Steel Hinge Belt Conveyors offer a competitive, heavy-duty design to handle a wide range of both ferrous and non-ferrous materials. Ideally suited to industrial applications involving the transport of high temperature and/or oily parts, MPI's SBC conveyors are a great low-maintenance option for moving scrap, steel chips, fasteners, etc.

Standard designs are available in a variety of sizes and configurations to meet your application and include plain, perforated, pimpled or pimpled and perforated aprons. SBC conveyors are offered with many design options and can also be supplied with other ancillary components, such as feeders and hoppers, to provide a complete material handling system.



Key Features

Rugged - Heavy duty 7 gauge frame construction

Durable - Heavy duty angle iron tracks for long term wear resistance

Safety - Safety bottom pans standard

Sturdy - 11 gauge belt construction for 2.5" and 4" pitch belts

Long Lasting - Heat-treated belt rollers for optimum wear life

Made in USA - American made drive packages

| Specifications | | | |
|-------------------------|----------|---------|-------------|
| Pitch | 2.5" | 4" | 6" |
| Frame Depth (IN) | 8.5" | 15.25" | 23.25" |
| Frame Gauge | 12 | 10 | Channel |
| Driver Size | 6 Tooth | 6 Tooth | 6 Tooth |
| Duty | Standard | Heavy | Extra Heavy |

Note: All other measurements are variable on customer selections and customizations

Magnetic Belt Conveyors

MPI's Magnetic Belt Conveyors (MBC) provide effective control of ferrous objects on high-speed horizontal, inclined, and vertical conveyor belts. A permanent magnetic rail located beneath the conveying belt surface attracts the ferrous objects to the belt. MBC conveyors are offered with many design options and can also be supplied with other ancillary components, such as feeders and hoppers, to provide a complete material handling system.

Key Features

- Standard belt widths from 4" to 24"
- As required for the application
- Belt take-up adjustable to 6.0"
- Standard inclines are available from 15° to 75°, in 15° increments
- Standard drive system can be mounted above, below, or on either side
- 6" height standard; low profile designs available
- "On/off" magnet designs, using permanent or electro magnets



*Vertical Can
Handling Transfer*



Watch How it Works

Part Out Conveyors

MPI Part Out Conveyors are the most reliable solution to remove parts from stamping presses. Each conveyor is designed to fit the press for which it will be installed on and for the parts it will unload. The flexible design can integrate manual or automatic adjustment as required for different dies and setups. These conveyors feature a very robust plastic chain belt that is more durable than traditional belt materials and always tracks accurately.

Key Features

Lower Maintenance - Durable plastic chain belt does not need replacement as frequently as PVC, rubber, or other belting materials

Cost Savings - When the belt does require replacement, only worn sections need to be replaced, saving time and money

No Adjustment Needed - Belts track accurately all the time without any need for adjustment

Flexible Design - Systems can be designed to be height adjustable to accommodate different dies

Safe Operation - Systems are designed to eliminate potential pinch points for operators

Common Spare Parts - Facilities with multiple part out conveyors of this design can commonize spare part inventory, reducing capital tied up in spare parts

High ROI - Lower maintenance costs and higher uptime deliver a quicker return on your investment

Specifications

Belt Width - As required for the application

Belt Length - As required for the application

Belt Speed - 200+ FPM depending on design

Drive Design - Underhung drive

Height Adjustment - Options include fixed, manual adjustment, electric adjustment, or automated electric adjustment

Options - Control packages available



Turnkey Scrap and Parts Handling Systems



Efficient scrap metal removal and parts handling equipment are vital functions of any metal forming process. When done correctly, the support equipment for scrap and parts handling equipment enables the metal forming equipment to run at peak performance with minimal to no downtime. MPI turnkey systems take the entire parts handling and scrap handling process into account to design a complete solution that ensures the highest possible ROI for the metal forming equipment.

These turnkey systems can support single or multiple machine layouts. From single presses, lasers, or machining centers to complete plant systems with multiple metal forming machine tools, above ground or below ground, MPI can design, build, control, and support the installation of a turnkey solution for manufacturers.

Possible integrated solutions may include the following:

- Press-mounted electric shakers
- Floor-mounted electric shakers
- Beltless magnetic conveyors
- Steel belt conveyors
- Part out conveyors
- Scrap distribution systems
- Controls
- Installation support

| Linear System Options | | | | |
|-----------------------|------------|------|------------|----------------|
| Conveyor Type | Rate Limit | Cost | Durability | Scrap Material |
| Steel Hinge | Unlimited | ••• | • | Any |
| Beltless Magnetic | Limited | ••• | •• | Ferrous |
| M-10000 Shaker | Unlimited | •• | ••• | Any |

| Elevator Conveyor Options | | | | |
|---------------------------|---------------|------|------------|----------------|
| Conveyor Type | Rate Limit | Cost | Durability | Scrap Material |
| Steel Hinge | Unlimited | ••• | • | Any |
| Beltless Magnetic | Limited | ••• | •• | Ferrous |
| M-10000 Shaker | Not Available | | | |

| Scrap Load Out System Options | | | | |
|-------------------------------|------|-------------------------|------------|----------|
| Type | Cost | Even Scrap Distribution | Automation | Controls |
| None | • | • | • | None |
| Adjustable Chute | •• | •• | •• | Optional |
| Transfer Conveyors | ••• | ••• | ••• | Required |

Parts Handling & Workholding

Sheet Separators

MPI sheet separators are designed to improve productivity and employee safety in sheet handling operations. These magnets can also provide significant cost reduction benefits by eliminating “doubles” when handling oily, sticky, or prefinished sheet stock in an automated stamping, forming, or blanking operations. Sheet separators utilize the basic laws of magnetic “like poles,” repelling characteristics in their use and operation. By inducing “like” magnetic fields into a stack of steel sheets or plates, repelling forces are created from sheet to sheet, forcing them to separate from each other.

Manual Sheet Separator (SS)

Permanent, always “on” design is the most economical solution and should be sized for the maximum height of the stack.

Pallet Pin Stack Tracker (STSS)

The STSS series is the safest manually operated sheet separator available. These units properly separate sheets while eliminating pinch points during operation. Simply slide the housing over the pin and attach the Stack Tracker to the side of the stack of blanks, near the top. As blanks are removed, the Stack Tracker will work its way to the bottom of the stack, fanning individual blanks as it moves.

Pneumatic Automated Fanner Magnet (PAFM)

Automated fanner magnets are designed for high-volume, PLC-operated production lines. Unlike traditional sheet separators, an exclusive rack and pinion system rotates the magnet away from the unit face, totally eliminating any residual magnetic field and allowing for safer and more consistent movement of metal sheets.

- Designed specifically for fully automated production lines
- Eliminates any residual magnetic field when off
- Increases productivity and efficiency
- Enables easier handling of oily, sticky and/or polished sheets
- Powerful rare earth magnet for fanning large sheets
- Compact and lightweight design for simple mounting to end-of-arm tooling
- Pallet pin mounting bracket available
- Loss of air returns magnet to “safe” handling position, alleviating potential injury

| Model | Operation | Material | Cost | Installation |
|-------|---------------|------------|------|--|
| SS | Always on | Ceramic | • | Bolt to floor or pallet |
| STSS | Manual on/off | Rare Earth | •• | Pallet pin |
| PAFM | Automated | Rare Earth | ••• | Flexible (floor, pallet pin, or robotic) |

Reference specific datasheets for guides on proper model selection.





Lifting Magnets

Lifting Magnets make moving material easier without deforming or damaging the load. MPI workholding tools are versatile, compact, and easy to operate. They replace ropes, chains, and clamps, providing more control with the strong force of a magnet.

MPI permanent lifters are the only product in the industry protected by a five-year warranty on the magnetic system. Our products are manufactured in Europe to the highest quality standards, meeting all ANSI/ASME B30.20 (safety standard) requirements.

An Air Gap test is conducted with an air gap that simulates real operating conditions to reveal true capacity. MPI offers annual lifter re-certification service to verify lifting performance, meet product specifications, and meet the requirements of your company's annual OSHA lifting safety compliance program.

MPI offers Permanent, Battery BM, Battery BMP and Permanent Crane lifting styles.

Our Permanent Magnetic Parts Lifter is designed for ferrous parts and the direct replacement of vacuum cups located on ferrous parts transfer systems. The powerful rare earth magnet is activated by air pressure. An air solenoid controls both on and off operation by connecting flexible airlines to the quick disconnect fittings. Short bursts of air ranging from 40-60 PSI are all that is required to operate the unit.



| PMPL Model # | Height | Diameter |
|--------------------|--------------------|--------------------|
| PMPL-175-250-REN-S | 2.50" | 1.75" |
| PMPL-300-350-REN-S | 3.50" | 3.00" |
| Holding Values | | |
| Material Gauge | PMPL-175-250-REN-S | PMPL-300-350-REN-S |
| 26 Gauge | 5.0 lbs | 20.5 lbs |
| 18 Gauge | 5.25 lbs | 30.5 lbs |
| 12 Gauge | 6.0 lbs | 34.0 lbs |
| 7 Gauge | 6.5 lbs | 36 lbs. |

Filter Bag Magnet

Filter Bag Magnets (FBM) collect ferrous metal that would otherwise be collected in the bag filter. Installing a high-performance MPI rare earth filter bag magnet inside the bag filter significantly reduces the frequency required to clean and replace bag filters. This saves money and time. Implementing a magnetic bag filtration system allows the liquid to flow around the magnetic field and capture any ferrous particles in a magnetic trap. The magnetic tube filter is then removed, cleaned, and readied for reinsertion into the bag filter to be used again. The powerful magnet reduces the tramp metal that plugs and cuts filter bags.

Key Features

- High performance rare earth magnetic circuit generates over 10,000 gauss on product contact area for maximum tramp metal retention, significantly outperforming ceramic and alnico designs
- Liquid tight, fully welded design ensures no water ingress, which can damage the magnet
- Full length magnetic tube maximizes tramp metal retention
- Quality tested and certified to performance standard ordered prior to shipment (Certificate included with shipment)
- Heavy wall thickness tube for high durability
- Nonmetallic stripper for easy cleaning of magnetic tube
- Clover handle grip and centering device
- Multiple designs to fit every budget and performance requirement
- Industry leading lead time for delivery as short as 24 hours for custom sizes and configurations



| Filter Bag Magnet Selection Guide | | | | | |
|-----------------------------------|-------------|--------------------|-----|----------------|------|
| MODEL NUMBER | FILTER SIZE | OVERALL LENGTH "A" | | APPROX. WEIGHT | |
| | | IN | MM | LBS | KG |
| FBM-112-REN | 12" | 11.825 | 305 | 2.24 | 1.02 |
| FBM-118-REN | 18" | 17.825 | 458 | 3.37 | 1.53 |
| FBM-124-REN | 24" | 23.825 | 610 | 4.49 | 2.04 |

Magnetic Filtration



Coolant Cleaner

MPI's Coolant Cleaner is ideal for production runs of ferrous material on cutting and grinding machine tools. Featuring simple and automatic cleaning, the powerful Ceramic 8 magnet drum sits partially submerged in the coolant flow, so that all liquid comes into contact with the high intensity magnetic field. The ferrous

contaminant attaches itself to the rotating drum, where it is then continuously cleaned by a profiled scraper. The contaminant is pushed along the scraper until it falls into a bin. As the contaminant is pushed along the scraper, it compresses, and excess liquid drains back into the tank, leaving the solids almost dry. Cost effective and durable, this separator extends the life cycle of machine tools and their coolant. It provides increased productivity with less downtime for machine coolant replacement. The Coolant Cleaner works with water-based coolants or straight cutting oils.

Eco-MAG



The Eco-Mag® removes magnetic and paramagnetic contamination, down to sub-micron size, from lubricants, coolants, and other industrial fluids. The Eco-Mag extends fluid life, reduces disposal costs, improves product accuracy and finish, and reduces machine and part wear. Magnetic technology substantially reduces both the need to buy costly consumables and the associated downtime required to change paper filters.

The patented Eco-Mag is easily integrated into pressurized shop fluid lines before or after the pump. Eco-Mag utilizes magnetic technology to separate steel turnings, chips, and/or swarf from fluid, such as coolant. As the fluid flows over the magnet, ferrous swarf is attracted and secured. Using the cleaning tool, a fully contaminated magnet can be cleaned in under 30 seconds.

- The unit does not require consumables, resulting in lower operating costs
- Reduced environmental impact, no need to dispose of dirty cartridges
- Lengthens coolant life; coolant disposal/replacement cost reduction

Eco-Flow



True plug and play filtration! The in-take fluid system keeps coolants calm, allowing contaminants to contact the roll at a lower velocity for improved magnetic filtration. MPI's integrated, indexing magnetic roll never needs replacement. The Eco-Flow's adjustable blades allow for maximum magnet cleaning and coolant recapture, eliminating the need for plastic squeegees. The Eco-Flow also features an automatic coolant level sensor that monitors the level of incoming fluid to maximize filtration and avoid coolant overflow. A bypass that eliminates potential spills in case of electrical or mechanical failure. The surrounding areas stay clean and potential accidents are prevented.

- System ships complete with magnetic roll, scraper system, fluid tank, inlet port (sized to specifications) and controls
- Plugs into a standard 110V outlet



Automag

The patented Automag unit is the latest generation of self-purging high intensity magnetic filters for high flow, high contamination industrial applications. It has two flow chambers. Fluid enters the inlet chamber where the primary filtration takes place. The partly treated fluid flows into a second chamber where it is slowed down for the final filtration treatment. It then returns to the process. Installing Automag will improve your manufacturing effectiveness and reduce operator intervention. Using fully filtered fluid, free from micron sized particles will:

- Improve surface finish
- Extend tool/wheel life
- Improve fluid flow
- Cut costs on scrap reduction
- Reduce downtime

All applications where pumped cutting fluids are used will benefit from installing the Automag.



MAGNETIC PRODUCTS, INC.

Magnets | Material Handling
Electronic Inspection | Service



MPI Headquarters

683 Town Center Drive
Highland, Michigan 48356



Customer Service

1.248.887.5600
info@mpimagnet.com



Website

www.mpimagnet.com
Live assistance available!



Working for You

MPI service programs are designed with the customer in mind. Each package is customized to address all major points of concern when maintaining industrial equipment.

MPI has an option for every customer need, requirement and budget to make protecting your investment affordable and attainable.



24/7Support
248.887.5600

Local MPI Representative: