

SafeHold® Lifting Magnet Makes Custom Safer and more Productive

Custom Engineering, located in Erie, PA, specializes in medium to heavy fabrication and contract machining. When company supervisors realized that employees in the company's materials management crew were continually suffering from back injuries, they immediately began searching for a solution to maintain efficiency and improve safety. After looking carefully at the situation and considering Custom Engineering's needs, Eriez recommended one of the company's SafeHold® APL Series Permanent Lifting Magnets, which can lift and transfer steel and iron without slings, hooks or cables—and without marring the surface. They require fewer operators and helpers, and when properly installed and operated, provide greater safety than many other mechanical material-handling devices. Immediately after replacing the old magnet with the APL-154, Custom Engineering began to see an increase in production and a decrease in injuries. Soon after installing the first SafeHold magnet, the company purchased seven more magnets from the SafeHold line.

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SafeHold® APL-154 Permanent Lifting Magnet solves safety and productivity issues at Custom Engineering. To see a video featuring SafeHold APL, [click here](#).

Magnetic Chip & Parts Conveyors

Automatically elevate ferrous materials such as chips, turnings and small parts. Conveyor mechanism is totally enclosed. Wide variety of configurations can be assembled from standard design sections.



Coolant Cleaners

Smooth-faced and extended-pole models extend life of coolant, cutting tools, grinding wheels and pumps. Radial-design magnetic circuits extract ferrous particles to help meet tolerances and improve surface finish in grinding and metal-cutting operations.



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Liquid Line Traps

Powerful permanent magnetic traps remove steel chips and fines from coolant and lubricants. Protect pumps and equipment, extend coolant and tool life, and improve finish quality of work piece. Use as secondary filter or where relatively small volumes of contaminant are present.



Eriez Literature

Eriez offers a wide array of literature to help professionals in the metalworking industry choose the right equipment for their application needs. Eriez metalworking literature includes "How to Choose and Use Magnetic Separators," "Equipment for the Metalworking Industry," and "Lift Magnet Selection Guide." To request these brochures—or others—in PDF or hard copy format, [contact Eriez](#).

Literature can also be downloaded directly from the Eriez Web site at <http://en-us.eriez.com/LiteratureLibrary/>



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