

Mag-Drag® Conveyors

The most effective solution for high coolant flow cast iron and other ferrous machining applications where fine chips are too small and numerous for removal by conventional conveyor systems.

A powerful magnet assembly, located underneath the conveyor's load and lower curve sections, attracts and holds chips until cleats scrape them away!

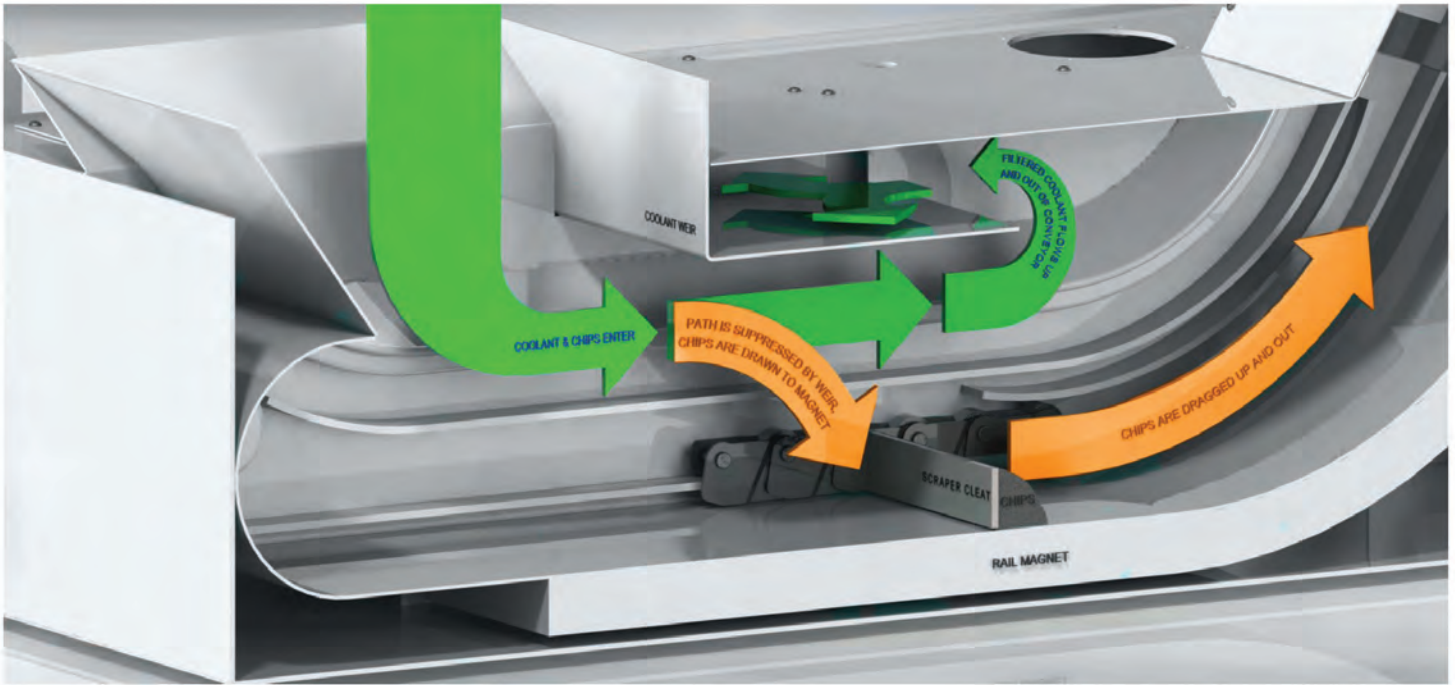


FEATURES

- A combination of magnetic and drag style conveyors
- Drag chain sizes in 1.5" and 2.5" pitch with stainless steel cleats
- Complete electronics / controls (upon request)
- Unique pattern of individually-placed magnets to optimize carryout
- AR400 wear resistant steel used in all wear areas of conveyor

BENEFITS

- More effective ferrous fine chip removal than traditional hinged belt or drag flight conveyors in higher coolant flow rate applications: Magnets assist in drawing fine chips to conveyor bottom for removal
- Reduced migration of fine chips to the clean tank results in less downtime for tank cleaning
- Cleaner coolant improves machining accuracy and prolongs tool life
- Cleaner coolant reduces the costs of coolant replacement and disposal
- Cleaner coolant delivered to downstream bag or cartridge filters means less replacement of consumable filter element



HOW IT WORKS

- Coolant with large and fine cast iron or steel chips enters the conveyor load section
- Powerful magnet assembly placed underneath the conveyor attracts the fine chips as the large chips fall and are held in place
- Drag cleats on the belt scrape all of the chips to the top of the discharge section
- Both large and fine chips are then discharged from the conveyor
- Clean coolant is ready for recycling or reuse

Want to learn more about how Mag-Drag® conveyors can help optimize your ferrous metal chip removal? Contact us today.

Mag-Drag® conveyors can be custom engineered to meet specifications for length and width to ensure a proper fit to most CNC metal cutting machines.



Consider the optional UVS EcoLogic® Control and optional hand-held unit