

MAGNETIC SCRAPER CONVEYOR



Magnetic Scraper Conveyor

Separates Ferrous Chips From Coolant... Also Conveys Nonferrous Materials

Mayfran's Magnetic Scraper Conveyor uses a performance-proven concept to convey ferrous and nonferrous particles!

This unique product combines magnetic force with a scraper conveyor for positive separation of ferrous chips from flowing coolant.

Unlike other magnetic conveyors, the MS positively conveys ferrous and nonferrous particles.

- Chips from coolant effectively separated
- Reduced coolant carry out
- Easy maintenance
- Rugged, affordable design



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SPECIFICATIONS

The Magnetic Scraper Conveyor has been developed to positively convey both ferrous and nonferrous chips from coolant.

Chips and coolant from the machine tool flow into the MS Conveyor. All chips are directed into and captured by a high intensity magnetic field. The cleaned coolant exits through a manifold arrangement designed to optimize the exposure of chip laden coolant to the magnetic field.

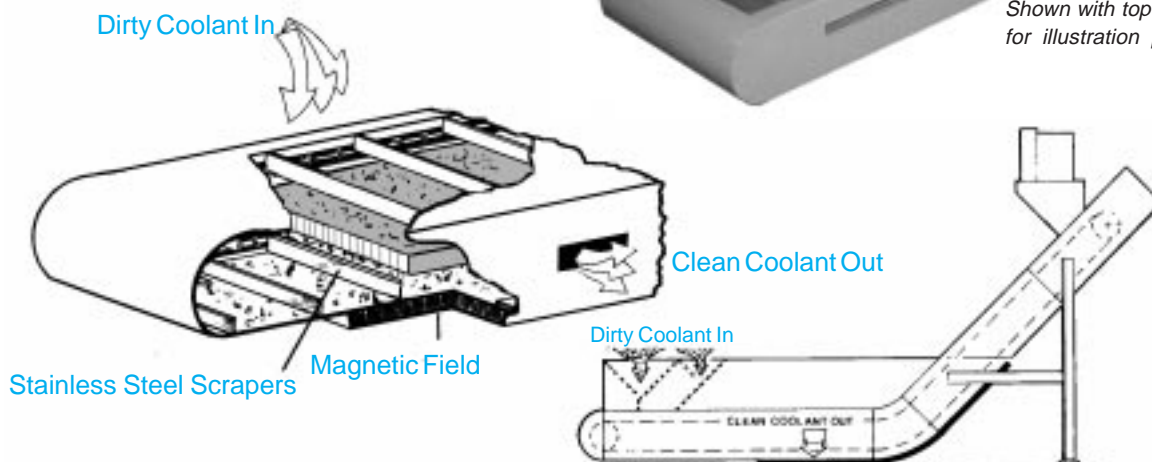
The chips are then scraped from the magnetic bed, elevated, and discharged. This is accomplished by an endless roller chain with stainless steel scrapers. The slow elevating action allows coolant to drain from the chips before discharge.

SPECIFICATIONS

- Rugged, reliable Mayfran chain
- High intensity permanent magnetic bed
- Stainless steel scrapers with notched urethane wipers
- Wear resistant and stainless steel bed
- Wide range of flow rates and sizes - can often be machine mounted where other types cannot.



Shown with top cover removed for illustration purposes



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