

Magnetic Coolant Separators - High Intensity- Rare Earth

Magnetic Coolant Separators are very effective and economical way of extracting contamination from coolant. It extends the life of cutting tools, grinding wheels and pumps. Clean coolant results in reduced machine down time and lower operating costs. The contaminated coolant (fluid with iron dust particles) falling via gravity into the inlet of the separator from the machine. The coolant with iron particles comes into the directly contact with high intensity rare-earth magnetic drum and its extracts all iron particles. The magnetic drum is kept clean all the times by a scraper blade along the circumference. A rubber roller squeezes the sludge gathered to ensure that no coolant is wasted and all contamination dumped into the dustbin for reclaim purpose.

Features

- Fully Automatic Operation
- Removes up to 99% of magnetic material
- Can be used on new or existing machines
- Sturdy welded powder coated frame.
- The magnets enclosed in stainless steel drum having high intensity rare earth magnet with uniform magnetics filed all along the circumference.
- Neoprene rubber roller with cover bearings.
- Stainless steel blade with adjustments for an efficient scrapping of the sludge.
- Electric motor working with reduction gear revolving the drum.
- Customized design is also available.

Applications

Suitable application for magnetic coolant separator is Grading machine, honing machine, shaving machine, Rolling Mill, Steel Plants or any application wherever contaminated coolant is a problem.

Technical Details

Flow Rate: from 40LPM to 1000 LPM.
Motor: 0.12HP, 0.25HP- 3 PH, 415 V, 50 Hz.
RMP: 1500RPM.
MOC: Mild Steel.

