



MAG TOOLS
MAchanical Tool Filtration Systems & Conveyors

MAG TOOLS

■ Rare earth magnetic filters ■

EXTRA POWERFUL RARE EARTH MAGNETIC FILTERS

The ultimate dependable and efficient filtering systems

MAG TOOLS

B-465, Industrial Estate, Gokul Road, Hubli-580 030, Karnataka-INDIA

Phone : +91 836 2335990, +91 836 4252679 | Fax : +91 836 2332297

E-mail : info@magtoolsindia.com | magtools@vsnl.com

Website : <http://www.magtoolsindia.com> | Website : <http://www.magtools.org>

mag tools's magnetic coolant filters designed for filtering coolant oils contaminated with ferrous materials. These equipments are light weigh, compact design and can easily be installed. These magnetic coolant filters are manufactured in REMF models.

MODEL REMF

The magnetic drum is made out of powerful rare earth mangnet which produces magnetic field 75 mm above the drum. Very fine particles will be arrested without slip. The magnetic matirial will not loose its strenth even after number of years of use.

The filters are available in 100 to1200 liters per minute filtering capacity. These filters can be coupled with hydrocyclone, Peper band, Cartridge filters etc. And are also manufactured as per customer requirements.

GEAR BOX

The drive of the drum is achieved by double reduction worm and worm wheel. The worms are made in high corbon steel, Hardened and ground which run on sealed ball bearing. The worm wheels are made in high wear resistance matirials. An oil indicators is provided to ensure the level of oil in the gear box. This gear box is designed for continuous and trouble free running for years.

WORKING PRINCIPALS

The contaminated coolant from the machine fed into the inlet of magnetic filters. As it passes trough the gap between the drum and the body, Tthe dust particals are arrested by the mag-netic drum. A synthetic rubber roller is mounted on springs, sqeezes the dust and allowed only dry powder, which is further scraped out from the drum by scraper and is collecting tray. The fil-tration level achieved will be almost 95% for ferrous particles.

APPLICATION

These filters can be used with all types of griding machines such as Cylindrical, Centerless, Inter-
nal, Surface, Double disk and Roll Grinding machines These can also used for filtered honing
oil of honing machines, EDM's, wishing machines etc.

FEATURES

Use rare earth magnet which provide upto 8 times the magnetic force of convertional ferrite magnets.

No consumable required. Dry cake discharge.

Excellent effeciency ever for seperating materials having weak magnetic properties, such as car-bide and scale.

Superior contamination removal means improved surface finish, increased life of grinding wheel.

Kind to the environment, kind to the pocket.