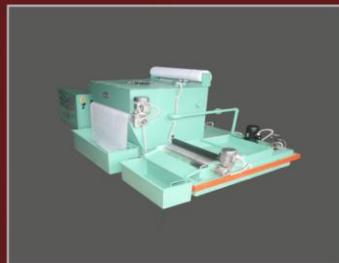
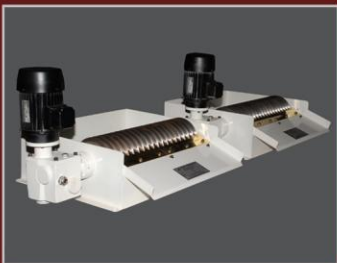
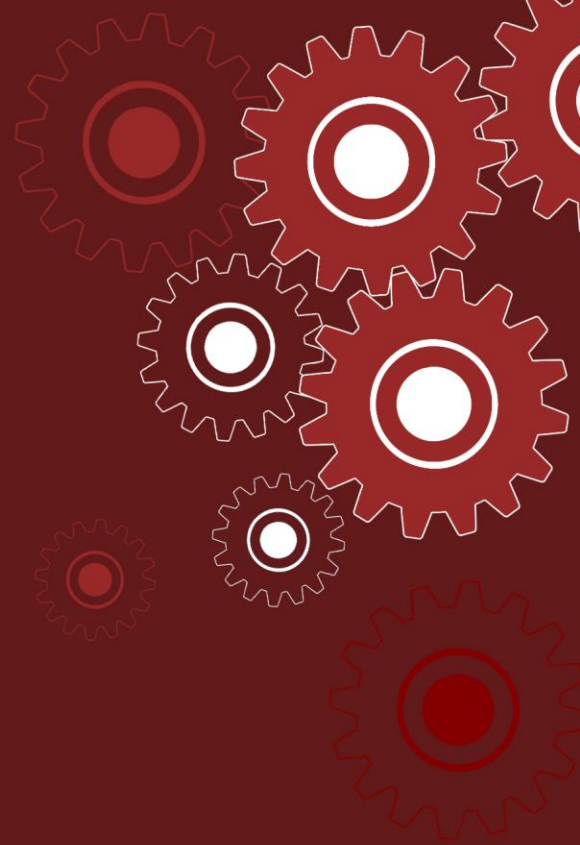




MAG TOOLS
MAchanical Tool Filtration Systems & Conveyors

MAG TOOLS

A new beginning for best filtration & conveying..



MAG TOOLS

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Introduction

Mag Tools are specialized in manufacturing a wide range of coolant filtration and chip conveying systems. A team of committed professionals with more than two decades of experience are available, who have designed, developed and supplied filters and chip conveyors are working in different industries like Engineering, Automobiles, Bearing, Spindles, Textile machinery, Rolling mills, Wire drawing etc.

The filters and chip conveyors have been supplied to both indigenous and import machines and also used original fitment by many machine tool builders. The company has wide range of standard models to choose from and special/larger system can be designed and supplied as per requirement and application

Magnetic coolant filter

Model : ATP :

The magnetic coolant filter consists with powerful magnetic drum housed in thick sheet metal body. The magnetic drum driven by double reduction worm motor. A synthetic rubber roller mounted on the springs, squeezes the dust and allows only dry powder, which is further scraped off from the drum by scraper.

Application : All types of Grinding machines

Capacities : 30 LPM to 500 LPM

Introduction

Model - TAP

The magnetic coolant filter consists with slotted type powerful magnetic drum housed in thick sheet metal body. The magnetic drum has large area of magnetic field due to slotted type, The drum is driven by a double reduction worm geared motor. The dust arrested by magnetic drum will be scraped off by slotted scraper.

Application : All types of Grinding machines

Capacities : 100 LPM to 1200 LPM in single construction



Paper band cum magnetic coolant filter

Mag tools paper band cum magnetic coolant filter are fabricated in steel. The entire unit is fixed on a coolant tank with a pump to supply coolant to the machine. The contaminated coolant liquid is first passed through the magnetic filter which separates almost 95% of the ferrous particles. The liquid further paper is clogged by contaminates the coolant level raised on filter paper and actuates the float switch which starts the geared motor and fresh paper from the roll is pulled forward automatically. Only paper band filter for filtering non ferrous particles also will be supplied.

Application : All types of Grinding machines, Honing machines, Transferlines, machines centres, Rolling mills etc.

Capacities : 30 LPM to 1200 LPM in single construction

Hydrocyclone coolant filter

The hydrocyclone coolant filters removes both ferrous and non ferrous contaminates. It works on the principle of vortex. The dirty coolant from the tank is pumped through a high pressure pump into the hydrocyclone. Due to the centrifugal action, a vortex is created in the cone. The hydrocyclone cone is made out of steel. Since there are no moving parts, it is maintenance free.

Application : Rolling mills, wire drawing machines etc.

Capacities : 65 LPM to 500 LPM

Oil skimmer

Mag tools has developed disc type cost effective oil from machine tools coolant tank. The disk driven by double reduction wormed geared motor and the disk is partially submerged in the soluble coolant. As it rotates, the disk picks up tramp oil from the coolant surface. The disc turns past a scraper which removes the oil. Skimmers are available in 300 and 500 mm disk sizes.

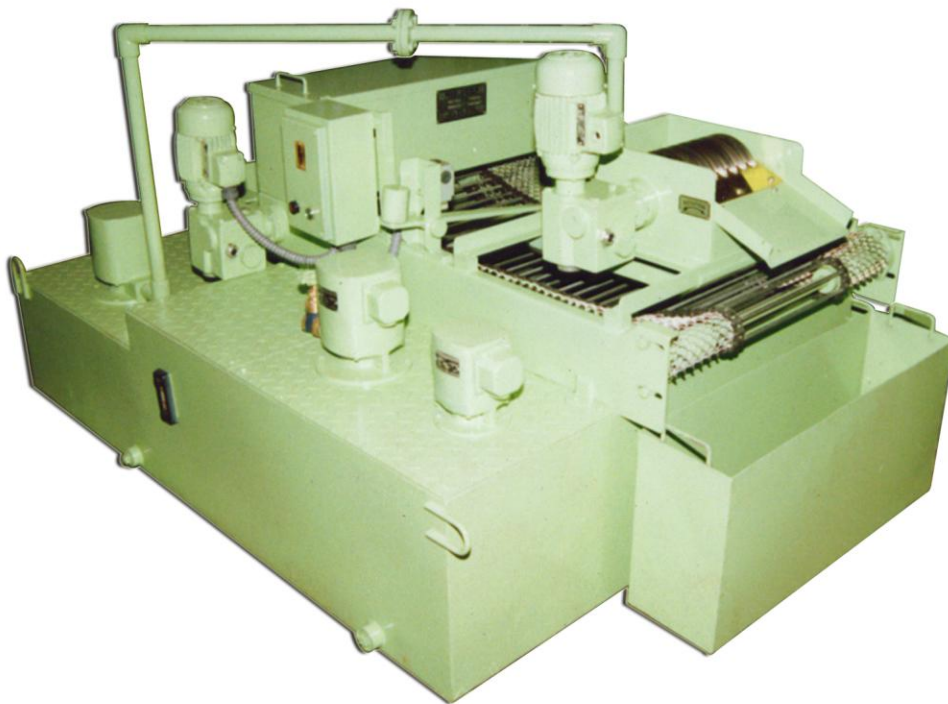
Application : Machine tool coolant tanks

Paper band cum magnetic coolant filter

mag tools paper band cum magnetic coolant filter are fabricated in steel. The entire unit is fixed on a coolant tank with a pump to supply coolant to the machine. The contaminated coolant liquid is first passed through the magnetic filter which separates almost 95% of the ferrous particles. The liquid further paper is clogged by contaminates the coolant level raised on filter paper and actuates the float switch which starts the geared motor and fresh paper from the roll is pulled forward automatically. Only paper band filter for filtering non ferrous particals also will be supplied.

Application : All types of Grilling machines, Honing machines, Transferlines, machines centres, Rolling mills etc.

Capacities : 30 LPM to 1200 LPM in single construction



Our other products

- Cartridge filters
- Screw conveyors
- Vacuum filter
- Scraper conveyors
- Magnetic inline filters
- Roller conveyors
- Filter paper rolls
- Centralized coolant filtration systems.

Advantage of using coolant filters :

1. Highly efficient way of filtration.
2. Improved surface finish and wheel life.
3. Keeps machine clean and reduces costly machine down time for periodical cleaning.
4. Avoides bacterial growth and wastage of expensive coolants.
5. Easy to install or retro - fit.

For further informations on our std. Models or ypur specific requirements of filters and chip conveyors,Please cantact our marketing department.