

*FULLY AUTOMATIC PERMANENT
MAGNETIC DRUM
FILTER UNIT*

From 50-2000l/min

*For separation of
ferro-magnetic abrasives
out of soluble oils , neat cutting oils
and other industrial liquids*



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FULLY AUTOMATIC PERMANENT

MAGNETIC DRUM FILTER UNIT

From 50-2000 l/min

*For separation of
Ferromagnetic abrasives
of coolant soluble oils
and other industrial liquids*

SYSTEM:

The permanent magnetic drum is equipped with a high intensity magnetic system. It is an efficient and simple filter concept. The rotating drum emits a very high magnetic field over the whole surface. The pole plates are specially extended to reach into the flow of the coolant and search out the swarf. State of the art design has enabled Beda-Tec to construct a permanent magnetic drum of unique design that guarantees very effective clarification.

The magnets are a result of modern technical material development consisting of ceramic permanent magnetic materials with extremely high Gauss readings. Magnets manufactured out of this quality material have a very strong magnetic field and do not lose their operating strength under the most adverse conditions.

INSTALLATION:

The dirty coolant or machine liquid must be diffused over the whole width of magnetic drum. The magnetic drum automatically removes ferrous and non ferrous waste from the liquid, i.e. providing the particles adhere together during their passage through the magnetic field. The flow through the magnetic field of the drum is designed to ensure that total flow of the liquid passes through the field, and the contamination is deposited onto the top of the scraper in a nearly dry state from where it is compacted before being discharged into a solids cart.

MONEY SAVING FEATURES:

- *Low Operating expenses
Automatic swarf removal*
- *Floor Space
Compact design utilising minimal floor space*
- *Quality Control
Liquid filtration contributes to the quality of the finished product*
- *Improved Production
Longer coolant life contributes to higher production, longer tool life and less downtime*
- *Sludge Discharge
The drum is designed to minimise the residual moisture content of the sludge*
- *Health & Safety
Filtration extends coolant life and contributes towards safer and cleaner working conditions*
- *Tank Cleaning
The magnetic drum added to a conventional sludge tank will reduce the frequency of cleaning*

