



# MTB FILTERS PRIVATE LIMITED

COMPLETE INDUSTRIAL FILTRATION SYSTEMS &  
CONSUMABLES

Filtration Solutions for  
**Industrial Applications**



# ABOUT MTB FILTERS PVT. LTD.

Founded in 2006, MTB Filters Pvt. Ltd. is a leading manufacturer of industrial filters, filtration systems, and consumables. With nearly two decades of experience, we deliver reliable and performance-driven filtration solutions across diverse industries.

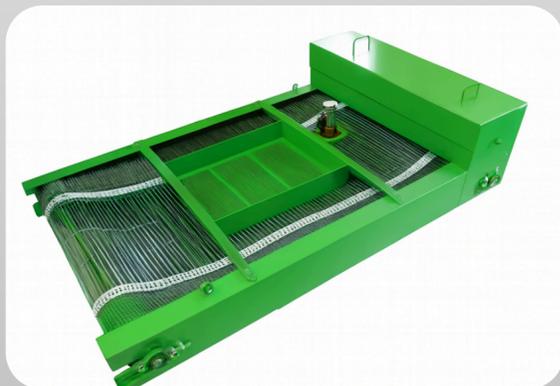
We manufacture Filter Elements, Cartridges, Filter Bags, Paper Rolls, and Filter Housings in various micron ratings, GSM, sizes, and specifications as per customer requirements, offering both standard and fully customized, make-to-order solutions.

Backed by strong manufacturing capabilities and strict quality standards, we ensure quick response, competitive pricing, fast service, reliable transportation, and minimum delivery time.

## Expanding Horizons

In 2026, we expanded into advanced coolant and oil filtration systems, chip handling systems, centralized filtration systems, and customized filtration solutions — strengthening our position as a complete filtration solutions provider.

At MTB Filters Pvt. Ltd., we focus on long-term partnerships built on quality, trust, and dependable service.



## PAPER BAND FILTER

Our **Paper Band Filter** provides high-efficiency filtration for coolants and oils with flow rates from 50 to 3000 LPM. This fully automated system uses sensor-driven media indexing to ensure superior surface finishes and extended tool life by continuously removing solid contaminants. It is an ideal, low-maintenance solution for enhancing fluid longevity in CNC machining and grinding operations.



## MAGNETIC SEARPRATOR

**Drum Type Magnetic Separator** – Removes ferrous particles from coolant and process fluids; available in standard and customized flow capacities with optional enhancements.

**Candle Type Magnetic Separator** – Efficient removal of fine metal particles from coolant and filtration systems.

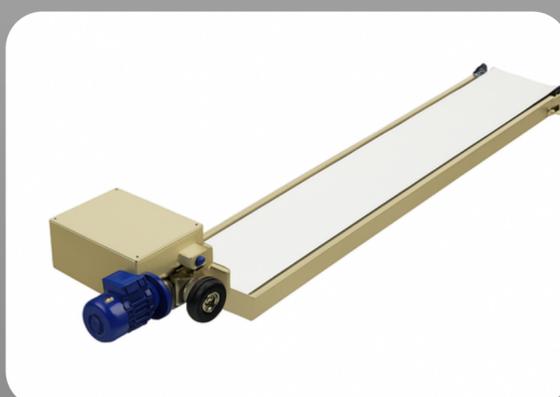
**Roller Type Magnetic Separator** – Compact unit for removing fine ferrous contaminants from coolant streams.



## CHIP HANDLING CONVEYOR

**Chip Handling Conveyors** are high-performance automated systems designed to streamline scrap removal and maximize machine uptime. These conveyors efficiently transport metal chips and separate coolant to maintain a clean, high-productivity machining environment.

**Hinged Belt Conveyor** ,**Slat Type Conveyor**, **Screw (Auger) Conveyor**, **Magnetic Conveyor**, **Scraper Conveyor** and **Shaker (Vibrating) Conveyor**



## OIL SKIMMER

**Belt Type Oil Skimmer** – Removes floating oil from coolant tanks and sumps.

**Disc Type Oil Skimmer** – Compact unit for light oil removal from small tanks.

**Drum Type Oil Skimmer** – Removes thick oil from large tanks and pits.

**Coalescer Type Oil Separator** – Separates fine oil droplets from wastewater.

**Hydrocyclone Type Oil Separator** – Removes free oil from high-flow wastewater.





### COMPACT BAND FILTER

A **Compact Band Filter** is a specialized, space-efficient, and fully automatic industrial filtration system designed to remove solid particles and chips from process fluids, such as coolant, oil, or emulsions. It is primarily used in the metalworking industry for CNC machines, grinding, honing, and lapping operations.



### FILTER HOUSING

Single & Multi-bag housing for pre - filtration.  
 Cartridge Housings Multi-cartridge systems for fine filtration.  
 Duplex Filters Housing Dual-vessel setups for continuous operation.  
 Basket Strainers Housing Heavy-duty protection for downstream equipment.  
 Water Vessels Specialized housings for process water.



### ROLL COOLANT FILTRATION SYSTEM

The **Roll Coolant Filtration System** efficiently removes impurities while maintaining optimal temperature and pressure through its integrated heat exchanger and pressure valve, ensuring clean coolant is continuously recirculated to the mill.



### VACUUM FILTER

**Vacuum Filters** are advanced, negative-pressure, gravity-assisted filtration systems that improve upon basic paper band filters while requiring less floor space. They give 100 to 10000 floor rate are ideal for processes such as grinding and rolling mills, where fine filtration is essential.



### PRESSURE BED FILTER

A compact and efficient filtration system designed to remove suspended solids from industrial fluids. By forcing liquid through a porous medium under pressure, it delivers clear solutions and retains fine particles. Available in capacities up to 4000 l/min, it is ideal for coolant cleaning, process fluid treatment, and applications requiring reliable, high-capacity filtration.



### PRE-COAT FILTRATION SYSTEMS

High-capacity filtration systems designed for durability and efficiency, handling flows from 20 to 1000+ gallons per minute with fine filtration down to 5 microns. Featuring automated PLC-controlled operation, temperature regulation, and VFD-driven pumping, these systems are available in both standard models and custom designs to suit diverse industrial applications.



### UPFLOW FILTER CONVEYOR

High-efficiency **Up-Flow Filter Conveyor** specifically engineered for aluminium machining. It combines a heavy-duty scraper for chip evacuation with a self-cleaning drum to filter out floating fines down to 50 microns. This dual-action design prevents sludge buildup, eliminates filter paper costs, and ensures a superior surface finish for high-precision parts.



### CHIP WARNER WITH CHIP CONVEYOR

A **Chip Wringer** with a chip conveyor is an integrated industrial system designed to maximize coolant recovery (up to 95%) and dry metal chips for recycling, using centrifugal force and automated transport. Hinged steel belt conveyors feed wet, bushy, or broken chips into the wringer, which then discharges dry chips.



### CENTRALIZE COOLANT FILTRATION

Designed specifically for high-volume aluminum machining, our system maximizes productivity by efficiently separating chips from fluid. The system utilizes a continuous scraper conveyor and a rotating mesh drum to significantly extend coolant life and reduce system breakdowns. Each unit is custom-engineered to match your specific flow requirements, with optional fine filter housing available for through-spindle coolant applications.

## FILTRATION CONSUMABLES



## MTB FILTERS PRIVATE LIMITED

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