

# Mobile Filtration System

## Filter Machine Tools Coolants and Industrial Effluents.

System been designed and manufactured by ITL.  
System is an outcome of years of experience and R&D in Industrial Filtration.

System shown is a mobile Skid Mounted Media Free filtration systems used to filter various types of industrial effluents such as machine tools coolants (emulsion/oil) and different process waste water.

### **The Skid Module consist of:**

- 4 wheeled skid assy easily mobilized manually or by a fork lift.
- A self priming pump lift dirty effluent from the source and send it to the filtration module.
- A removable container to hold removed tramp oil/suspended fines.

### **The Auto Back Wash Filtration Module consist of:**

- Modular Hi Level Drum Filter. 100,200 lpm modules.
- Auto Back Wash unit utilizing clean effluent to remove fines from the filter.
- 25-50 micron levels of filtration.
- Fines are discharged into a through away or washable bag filter.
- Optionally 10 micron filtration by adding The SN technology as a secondary polisher .

### **The Clean tank module consist of:**

- Clean tank suited with full level sensors.
- Effluent is returned to machine by return pump or simple overflow.
- Tramp oil separator removes free oils and suspended particles of the effluents.
- Optionally Bacterial treatment by UV/Ozone generator.

### **Benefits:**

- System been designed to filter various water base or neat oils coolants, Industrial Waste water etc.
- System is a cost effective mobile unit to service small and medium work shops.
- Various level of filtration between 10– 50 micron.
- Various flow rates to handle large or small sumps.
- Media Free and Maintenance free system.
- Finish: RAL colors painted or Stainless steel fabrication.

ITL design & manufacture filtration system for machine tools, process industry including recycling of liquids and solids.

For more details contact:



**A.M.ITL Industrial Technologies Ltd.**

ENGINEERING AND PRODUCTION OF INDUSTRIAL FILTRATION, RECYCLING, ENVIROTECH SOLUTIONS.  
SALES AND AFTER SALES SERVICES.

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