

Vacuum Media and Media Free Filtration Systems.

The systems been totally engineered by ITL and manufactured by AMIT-OR our sister company, as an outcome of continuous R&D, "out of the box" thinking based on years of experience in Industrial Filtration. The results are modular skid mounted systems embedding various technologies and coolant tank to fit customers' needs.

Our Media Vacuum Filters:

- Flexible design to fit local\central applications.
- Std. Flow rates varying between 250 – 10,000 (and more) lpm.
- Std. Filtration levels between 20 (and better) – 40 micron.

Optionally Modules:

- Preliminary Magna Filters, Final Fine 10 - 5 micron Polishing Filters.
- Coil in Tank or Standoff Chillers.
- Tramp oil separators and bacterial treatment units.
- Clean coolant Pressures between 3 – 170 bars.

Control:

- Close loop PLC control system with HMI interface.
- Frequency inverters on Main Pumps.
- Different voltage depend on the machine to be served.

Benefits:

- System been designed to filter various water base coolants, light cutting oils, EDMWire cut coolants, Waste water.
- Stand alone or Central system.
- Easy and quick installation.
- Easy and simple periodical maintenance.
- Small foot print and Cost effective system.
- Turn Key projects. We take care for all inclusive piping and electrical Connections between systems and machines.



Vacuum Filter for Rough grinder Cincinnati on Emulsion



Vacuum Filter for Blohm on Emulsion



Optionally Accessories: Polishing Modules, Chillers, Heat Exchangers, Air filtration, Pumps.

Our Media Free Pad Filters:

- Flexible design to fit local\central applications.
- Std. Flow rates varying between 250 – 1,000 (and more) lpm.
- Std. Filtration levels between 25 (and better) – 50 micron.

Optionally Modules:

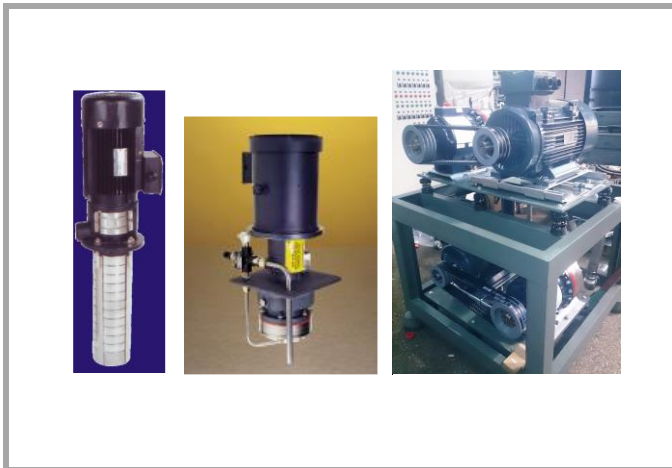
- Coil in Tank or Standoff Chillers.
- Tramp oil separators and bacterial treatment units if used on Emulsion.
- Clean Coolant Return Pressures between 3 – 170 bars.

Control:

- Close loop PLC control system with HMI interface.
- Frequency inverters on Main Pumps.
- Different voltage depend on the machine to be served.

Benefits:

- System designed to filter coolants contaminated with heavy sludge's and suspended solids.
- System designed to filter various water base coolants, light and viscous cutting oils, Waste water.
- Stand alone or Central system.
- Easy and quick systems.
- Small foot print and Cost effective system.



ITL supply different local or central coolant and air filtration systems, waste and solids recycling systems, water & waste water treatment systems, washing and degreasing machines and factory automation.

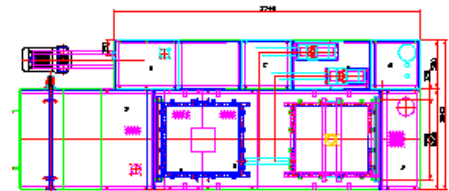
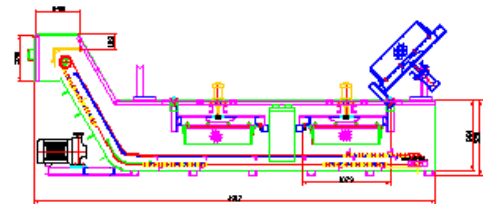
For more details contact:



Mini Central units for 2 Excello grinders
On SSU210 Viscous oil



Mini Central units for 3 Excello grinders



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

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