

Hi Flow & Pressure CombiSystems

Filtration, H.P&L.P pumps and cooling system combination.

The systems been totally engineered and manufactured by ITL as an outcome of continuous R&D ,“out of the box” thinking based on years of experience industrial Filtration.

The result is a modular skid mounted system embedding various technologies and coolant tanks to fit customers' needs.

Filtration:

- Availability of various Automatic filtration modules (depend on the application).
- Std. Flow rates varying between,250 and500 lpm modules .
- Std. Filtration level between 5(or better)– 50 micron.
- Possibility to use deferent filtration modules at same time 5-10 micron for HP applications and 15 –30 for general service pumps.
- With or without chip conveying solutions.
- Optionally on line tramp oil separation and bacterial treatment units.

Coolant tanks and Pumps:

- 150 –1000 litter full level controlled clean and dirty tanks.
- Low and Hi pressure pumps.
- Pressures between 5– 170 bar.

Cooling:

- Optionally built in 4 -12 Kw standoff Chillers
- Optionally built in High Efficiency heat exchanger (for the case customer have cold water sources like air condition chillers).

Control:

- Close loop PLC control system with optionally HMI interface.
- Different voltage depends on the machine to be served.

Benefits:

- System been designed to filter various water base coolants, neat oils Or EDM\Wire cut coolants.
- Stand alone or annexed to improve existing or central systems.
- Easy and quick installation.
- Maintenance free units.
- 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:



A.M.ITL Industrial Technologies Ltd.



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



HP Combi Syst. with clean\dirty tanks on Makino G7 Aerospace grinder.



MP Mini Central Syst. on ROLOMATIC grinders on medical application.



Automotive Grinding application on Soluble at 10 micron filtration levels..



Combi Syst. with built in chiller