



# CENTRIFUGAL CLEANING SYSTEM

Oilmax

**Improve Product Quality, Reduce Oil Expenses**



- No Filter Element
- No Replacement Cost
- Improved Product Finish
- Reduced Oil Consumption
- Extended Oil Change Period
- Reduced Machine Downtime
- Reduced Pollution & Environmental Impact
- Reduced Storage & Disposal Cost of Waste Oil

**Substantial Savings on Cost of Filters, Tools / Dies & Oil Replacement**



Use **Oilmax** Save Environment

**Save by Extending Oil Life, Tool Life and Machine Life**

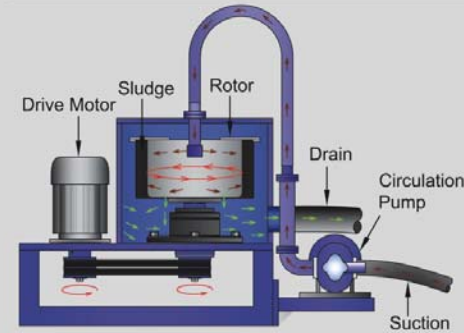
Centrifugal Cleaner removes very fine dirt from Coolant/Lubricant upto  $1\mu$  & below by Centrifugal force created in centrifuge rotor. Conventional filters can not remove such fine dirt . There are **no consumables** hence **no recurring cost**. Collected dirt can be easily cleaned & the unit put back to use again

**One Time Installation, Lifelong Savings**

### Applications

- ◆ Soluble Cutting Oil
- ◆ Neat Cutting Oil
- ◆ Water Emulsion
- ◆ Nut / Bolt Forming
- ◆ Thread Rolling
- ◆ Honing / Grinding
- ◆ Bright Bar Mfg.
- ◆ Wire Drawing
- ◆ Tube Drawing

### Working Principle

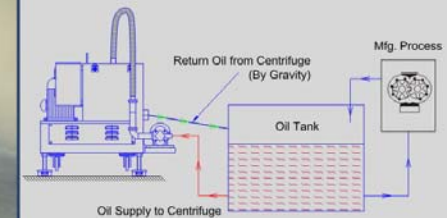


The Lubricant to be cleaned is passed through a rotor, driven by Electric Motor. Centrifugal force 2000 times gravity is exerted on the particles, depositing them on inner wall of rotor as dense cake. Clean oil returns back to the oil tank. With clean oil, wear of tools and dies is reduced and job finish is improved. The oil need not be replaced frequently, thereby saving substantially on oil expenses and protecting Environment.

### Installations



### Schematic Diagram



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