

Technical Specification for Heavy Duty Industrial Sump Coolant Cleaning Equipment

Purpose:

- 1) The above sump cleaning unit require to celli the coolant collected in the various sums of machining stations of our shops.
- 2) It shall be capable of sucking the contaminated coolant or cutting oil along with chips, chips ,dust and other impurities.
- 3) Special collections shall be provided for cleaning and collection
- 4) Collection and filtration shall be immediate and simultaneous
- 5) The equipment shall be capable of discharging clean coolant back to the sump of machine
- 6) Total cycle time for cleaning and filtration of w200 liters shall be not more than 30 minutes.
7. Particles upto 10 microns shall be trapped by swarf basket of filter bag.

Technical specification:

1. Motor: 3 phase ,415 volts, 50 Hzs, 5HP
2. Coolant tank capacity : 200 Liters
3. Swarf capacity: 12 liters
4. Weight : 400 kg approximate
5. Dimensions (maximum): 2300 mm (L) X 700 mm(W) X 1500mm (H)
6. Total assembly shall be mounted on six wheel platform - hand pull trolley with industrial grade castor wheels.

Standard accessories: to suit the equipment;

1. Collecteion hose : 50 mm size 5 meters length
2. Eextension pipe: 50 mm size 1 meters length
3. Crevies nozzle with extension pipe : 50 mm size 1metre
4. Crevies nozzle with flexible pipe : 50 mm size 5 meter

Commissioning to be done by the supplier at BHEL works.