

De-oilers



A simple and effective way to get rid of the floating oil in the tanks of Machine Tools and achieve economies of oil-soluble.

The oil stick to a tape or a rotating disk; Teflon adjustable slats, allow to wipe the oil and direct it into a collecting tube on which can be fixed a connecting pipe to a recovery tank.

Other de-oiling systems are available:

- **DHoneycomb de-oiler for the separation and recovery of oil**

DIS OIL has been made to recover the insoluble oils of washing rooms or storage tanks.

The basic principle is: a series of interconnected honeycomb tanks and different levels calculated to ensure the separation of the oil from the sucked liquid.

After treatment, the water and oil out through two separate channels: the water is returned to the tank, the oil is deposited in a jerrycan to be either reused or subjected to further processing.

The operation is extremely simple and quiet. It is also possible to separate emulsified oil by chemical pre separation in the storage tank.

DIS OIL was designed to suck the oil of tanks or underground tanks, that is to say that the level is below the pump (self-priming) of the oil separator.

- **De-oiler type DE**

This oil separator continuously separates the mixtures or emulsions made up of two immiscible liquids of different densities (eg: oil and water).

- Using the difference in density between the two liquids to be separated
- Helps the effects of coalescence between droplets
- Combines changes in direction and speed of the flow, improving settling
- Allows continuous gravitational recovery of the separated liquids, regardless of the arrival percentage point of mixture to be treated.

AVANTAGES

- lower consumption of fluid, the maintenance cost and rejection
- increase the life of the machines
- improved surface finish of machined parts
- cleanliness of Machine Tools
- eliminates odors of anaerobic bacteria
- avoids oily deposits on machinery and parts
- removes the heavy oil in the sump

- rests with 2 brackets on the tank of the machine tool

OPERATING

- Entirely static: no moving parts
- Atmospheric: direct observation of the proper functioning of separation stages, automatic oil recovery (removal of sophisticated interface detection).

It can be fed at a rate of up to 5 m³/hr (flow depending on model). The flow selection depends on the degree of the emulsion to be separated and the desired quality of effluent.

