

# Vacuum dehydrator



- 1. Cost saving.**
- 2. Improving production reliability and product quality.**
- 3. Environmental responsibility.**



## Features:

- Very fast and highly effective water removing device, meant for high duty applications.
- Easy full automatic operation.
- Removes water, moisture and air bubbles:
  - Dissolved water: 80%
  - Free water: 100%
  - Air bubbles: 100%
- Viscosity range from 10 ~ 600 cSt.
- Oil temperature from 15°C ~ 60°C.



**Dissolved water: 80%**  
**Free water: 100%**  
**Air bubbles: 100%**

## Benefits:

- Extends oil life:
  - √ Important reduction of waste oil & disposal cost.
  - √ Reduces the purchasing cost of oil.
- Prevents machines failures and extends the machine life:
  - √ Prevents pump cavitations.
  - √ Prevents machine wear caused by rust.
  - √ Reduces the maintenance cost.
  - √ Improves the productivity.
- Low running cost
  - √ No consumables, one-time investment.



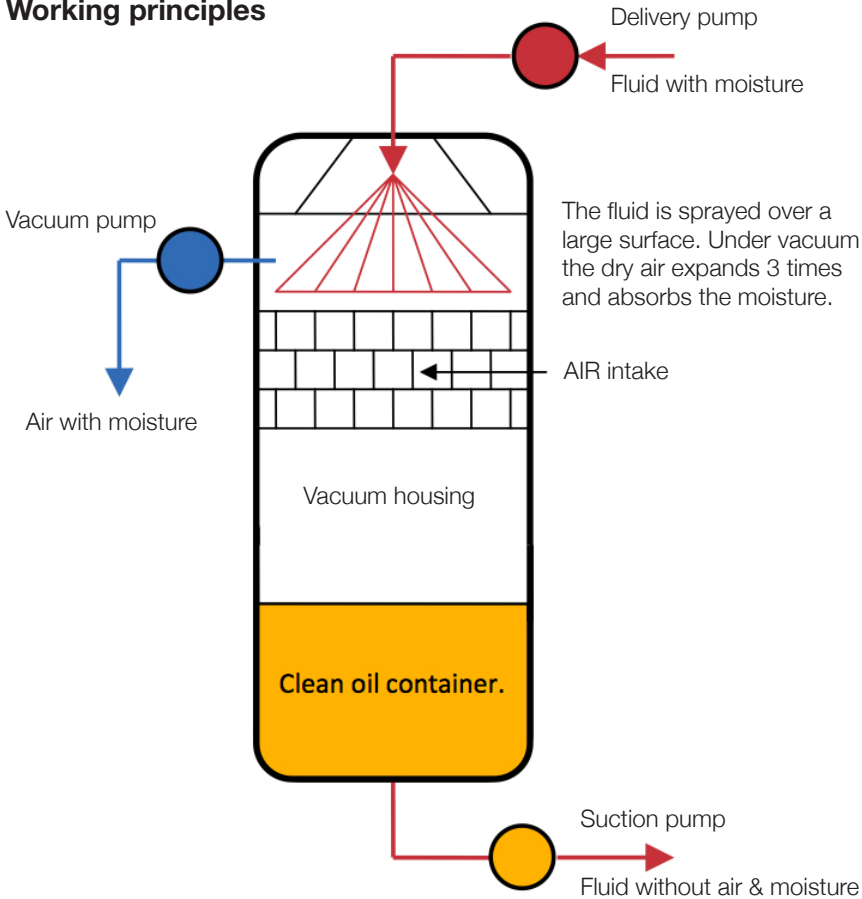
# Vacuum dehydrator



## Technical specifications

Model	Motor	Power	Flow rate	In/Out	Dimensions mm	Weight kg
TR-VS10E	400Vx3 - 50Hz	0,4 kW	10 l/min	3/4"	550 x 1090 x 1290	140 kg
TR-VS30E	400Vx3 - 50Hz	1,5 kW	30 l/min	1' 1/4	579 x 1606 x 1516	290 kg

## Working principles



- ✓ Vacuum housing with a unique structure.
- ✓ Very high performance for water removal.
- ✓ Full automatic operation.
- ✓ Wide application range.

## Performance

Results of a TR-VS30E.

Application: paper mill, drying equipment.

- Oil type: VG220
- Oil temperature: 50°C
- Oil volume: 9.000 litres

