

# ENVIRO 1000

## Water treatment system

The new Enviro 1000 is an automatic water treatment system that purifies the process water and compound produced after vibratory finishing and reconditions it for renewed vibratory finishing operations.

The centrifuge cleans and recycles the process water by separating the solid particles and often also oils from the process water and depositing them as solid sludge on the edge of the centrifuge basket used for this purpose.

This cycle of processes: Vibratory finishing, cleaning and recycling the process water and finally reusing the process water in a renewed vibratory finishing process saves costs and is extremely environmentally friendly.



Enviro 1000



### Applications

- ▶ **Costs are reduced (water, compound, disposal and manpower), environmentally friendly circular flow operation**
- ▶ **Savings of up to 98% water and 90% compound are possible**
- ▶ **1,000 l process water can be purified per hour**
- ▶ **High centrifugal forces enable even very small particles and quantities to be deposited.**
- ▶ **PLC Software: Fully automatic PLC process control**
- ▶ **No extensive maintenance as with previous manual filter systems**
- ▶ **Space-saving**

### Features

- Ⓢ **Use in continuous operation possible**
- Ⓢ **The capacity of the waste water treatment is 10 t / day**
- Ⓢ **The metal abrasion is separated in a sturdy polyurethane catch basket.**
- Ⓢ **INOX filter**
- Ⓢ **Automatic engine lubrication**
- Ⓢ **Waste water mixer prevents the sludge from settling to the bottom**



### Technical data

Enviro 1000 Ⓢ

Motor	2,2 kW   2.500 U/min
Energy	380 V, 50 Hz
Dimensions	1500 x 1500 x 1640 mm
Capacity	1000 l/h
Freshwater tank - volume	200 l
Wastewater tank - volume	400 l
Weight	320 kg
Item no..	67376