

DIMENSIONS

Tank volume: 100 litres
Device weight: 80 kg
Length: 1 600 mm
Height: 1 050 mm
Width: 520 mm

COMPOSITION

Drum belt filtration is made of a plastic body with automatic filter cloth feed and a custom-made tank with surface treatment.

It also consists of:

- Diaphragm pump
- Air conditioning assembly
- Level switch for automatic advance
- Single-phase motor:
230 V | 0,12 kW
- Durable suction hose
- Durable return hose
- Catch basin for chips from machining

Pump

Diaphragm pump driven by compressed air.

Performance: **up to 150 litres/minute**



Welfare Filtrate

Drum belt filtration for cleaning metalworking fluids



Description

Mobile device for removing machining chips from CNC machines tanks and removing impurities from metalworking fluids.

The device works on the principle of filtration, only with air supply using a air coupling from the CNC machines and directly while the machine is running.

- **SUCTION OF CONTAMINATED WORKING FLUID**
- **SEPARATION OF DIRT AND CHIPS FROM THE MACHINING FLUID**
- **RETURN OF CLEAN WORKING FLUID BACK TO THE MACHINE**

Filtration

Filter cloth with high strength and low consumption. Deep filter body to capture a large volume of chips. Level sensors to ensure automatic movement of the filter fabric.

Advantages

- Filtration of **plastic and aluminum chips** up to a size of 15 mm, including **cast iron sludge**
- Significantly **extends the service life of machining fluids**
- Reduces **clogging of pumps**, cooling distributions and clogging of machine tanks
- Minimizes the risk of **skin problems** for machine operators
- **Automatic operation**, connection made while the machine is running, quick payback