

REV
0.2

TUCANO

SALES SHEET

WET VAC CLEANER

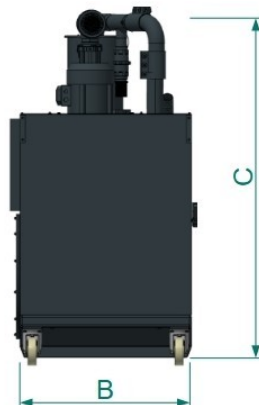
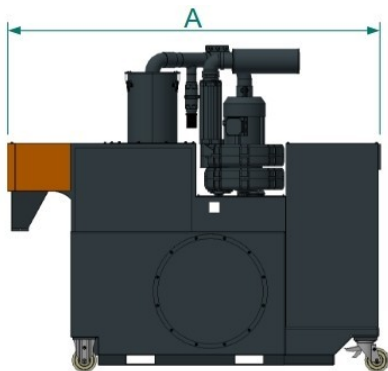


DESCRIPTION

The Filtering wet vacuum cleaner TUCANO is a multifunctional device for machine tool tank cleaning.

This system combines the features of a vacuum cleaner with those of a process filtration unit. The machine uses a pump of suitable power to suck swarfs and oil from the machine tool tank in a very short time.

If any scaling is present an aisi steel toothed lance is supplied in order to facilitate its removal. The sucked material enters a patented separator. Here the oil and shavings are separated. This Fama system allows you to work continuously without interruptions due to overload or stored residual draining. The swarf is continuously evacuated and discharged into a bin, by means of a dredging system incorporated in the machine. Then it could be given to the centrifugation system (not included). The oil passes through a self-cleaning rotary filter which filters the liquid up to 50 microns. After that the residual oil is collected in a tank with a total capacity of about 500 liters, which is integrated into the machine. Simply pressing a button and with no need to move the Tucano, the recovered oil is emptied directly into the machine tool tank. A regulator supplied is used for the operation. The system does not require special maintenance, is practical, easy to use, intuitive and clean.



| DIMENSIONS | | |
|------------|--------|---------|
| A | LENGHT | 2250 mm |
| B | WIDHT | 1000 mm |
| C | HEIGHT | 2000 mm |

For the machine correct operation a 32A 380V socket with fuses for engine starting is required.

PROCESS DESCRIPTION

1. Suction of swarfs and coolant from the machine tool tank. In case of crusty swarfs, a sturdy "lance" is supplied with the machine in order to scrape and break the residual.
The lance is made of AISI steel with a toothed shape for scratching the crusts.
2. A suction pump of appropriate power guarantees fast suction and allows the operation to be carried out in the shortest possible time.
3. All the sucked material enters a patented separator that allows to work continuously without interrupting the cycle due to overload or stored residual draining. .
4. After the coolant has been separated from the swarfs, the swarfs are evacuated continuously, by means of a built-in dredging belt. They can be discharged into the storage bin and sent for centrifugation.
5. The filtration of the coolant occurs through a self-cleaning rotary filter that filters the liquid up to 50 microns.
6. The filtered coolant is accumulated in the tank with a total capacity of approximately 700 liters.
7. With no need of moving the machine, and simply pressing a button, the oil is emptied. The oil can be emptied directly into the machine tool.
8. A regulator is used for the operation.

TECHNICAL DATA

| | |
|---|--------|
| TOTAL POWER [kW] | 10 |
| POWER SUPPLY [V] | 400 |
| FILTERED REFRIGERANT STORED CAPACITY (lt) | 700 |
| FILTRATION RATE [μ m] | 50-250 |

DIMENSIONS

| | | |
|---|--------|---------|
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| C | HEIGHT | 2000 mm |

