



## **MG2-T**

Swarf



Extraction system for aluminium and PVC swarf with single suction nozzle, designed for cleaning machines and the work environment or extract swarf from work units that require high vacuum values. The use of a high-depression side duct turbine makes it suitable for various extraction requirements. Equipped with an anti-static filter, this is a wheel-mounted, quick-release, automatic vibrating filter and collection tank cleaning system, to dispose of exhausted material easily and quickly.

**Suction inlet**

The front suction system is made up of one or two suction inlets made of 100 mm diameter cast aluminium. These allow multiple connection, via plastic pipes with metal reinforcing, with the suction presettings mounted on the cutting machines, cutting-off centres, machining centres.

**Collection tank**

The extracted material is then deposited in a suitable container with quick release, made of steel and mounted on 4 wheels, which allows disposing of the extracted material in a simple and fast manner.

**Pivoting wheels**

Equipped with 2 fixed wheels and 2 pivoting wheels with brake, which ensure a high degree of mobility and object handling ease. Locking the braking units allows their position to be fixed near different work areas.

**Extraction unit**

The extractors may be equipped, depending on the model, with cast aluminium side duct turbine suction units where high performance is required, or with centrifugal electric fans in the event greater intake capacity is needed. In both applications the impeller is fixed directly to the motor shaft, thus without transmission systems: this reduces component wear and tear and subsequent maintenance needs.

**Filtering unit**

Within the steel filtering chamber one can find, depending on the extractor model, a polyester filtering bag or a high performance cartridge filter, intended to protect the suction unit. These ensure a high retention of dust and guarantee purity of the outgoing air, thanks to a large surface area and at a high filtration efficiency.

**MG2-T / SWARF****MACHINE CHARACTERISTICS**

Motor type: Turbine	●
Suction inlet diameter (mm)	100
Number of suction inlets	1
Tank capacity (l)	100
Flow rate (m <sup>3</sup> /h)	310
Vacuum (mbar)	300
Motor power (kW)	2,2
Motor speed (rpm)	2.800
Weight (kg)	110
Bag filter	●
Vibrating filter cleaning system	●

Included ● Available ○