



# M400 T43

## Industrial vacuum for oil & chips recovery

### Features

The suction unit is a turbine motor of the “side channel blower” type: the fan being directly shafted on the motor shaft, this type of motor requires no transmission system and thus completely maintenance free, ideal for non-stop and heavy duty performance, very silent and resistant, matching an IP 55 level.

The solid material (chips, metal parts and fine remains) are collected into a collection hopper placed on top of the collection tank, and withheld into a metal sieve grid (60 litres capacity); a user-friendly mechanism enables to tilt the hopper and discharge easily the collected solid material, while the cleaned liquid flows into the lower collection tank.

The clean oil is then collected into the bigger container (capacity 400 litres), until the limit of capacity is reached. At that point it is then possible to pump it out rapidly the liquid through a discharge oil proof hose, powered by an independent electrical pump.

The suction unit is protected by a double layer polypropylene filter, with a mesh structure designed to trap oil mist and other airborne liquid particles. A pressure detector detects the level of liquid in the container, shutting off the motor automatically when it is full.

The vacuum cleaner has a solid steel structure, and it's equipped with polyurethane oil resistant braking castors.

### Applications

Suction from machine tools of oils and coolants mixed with metal chips or other solid material  
Filtration and recovery of cutting oil and coolant liquid  
Rapid collection or disposal of the filtered liquid

### Advantages

Reduced stand-by time of machine tools  
Saving by recovering and using several times the same oil and coolant  
Possibility to suck up and pump out simultaneously  
Need for just one operator to use the machine

## Technical data sheet

<b>MODEL – M400 T43</b>			
		<b>50 Hz</b>	<b>60 Hz</b>
<b>Tension</b>	V	200-240 Δ/345-415 Y	220-275 Δ/380-480 Y
<b>Power</b>	kW	4	4,6
<b>Max water lift</b>	mmH <sub>2</sub> O	3600	3600
<b>Max Air flow</b>	m <sup>3</sup> /h	400	460
<b>Chip basket capacity</b>	L	60	
<b>Liquid recovery capacity</b>	L	400	
<b>Suction inlet Ø</b>	mm	50	
<b>Pump flow rate</b>	L / min	300	
<b>Noise level</b>	dB(A)	74	76
<b>Dimensions</b>	cm	140 x 70	
<b>Height</b>	cm	180	
<b>Weight</b>	kg	250	