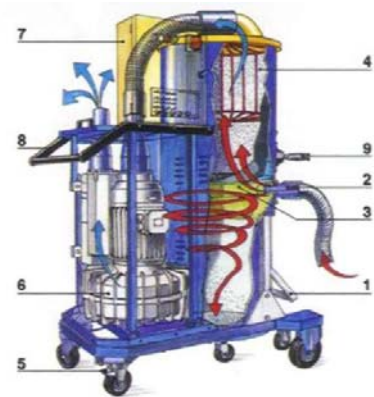


## MASTER TS 750 HYDRO

With stainless steel filter chamber and collection container

	Unités	Valeurs
<b>Suction Unit</b>	Type	Side channel blower
<b>Voltage</b>	Volt	400 / 690
	Hz	50
<b>Power</b>	kW	5,5
<b>Max air flow rate</b>	m <sup>3</sup> /h	600
<b>Max vacuum rate</b>	mmCE	3 000
<b>Filter type</b>	antistatic	Polyester pocket
<b>Filter surface</b>	m <sup>2</sup>	3
<b>Cleaning filter</b>		manual filter shker
<b>Catégorie de filtration</b>	Cat G	99.97 % 3 micron
<b>Air load on filter</b>	m <sup>3</sup> /h/m <sup>2</sup>	200
<b>Container capacity</b>	litres	100
<b>Suction inlet</b>	mm	60
<b>Noise level</b>	dB(A) à 1 m	76
<b>Dimensions</b>	mm	640 x 1 030
<b>Height</b>	mm	1 500
<b>Weight</b>	kG	130



### Suction unit

The suction is provided by a suction unit of the side channel blower type, with direct coupling between the fan and the motor shaft and no transmission system. It is thus completely maintenance free, fit for round-the-clock 24 hours duty, very silent and provides outstanding suction performances; a safety thermic switch cuts off the motor in case of overheating. The control board includes a switch (protection IP55), and a safety emergency stop button. A vacuum indicator enables constant checking of the suction performance, and to detect possible clogging of the filter.

### Filter unit

The filter is placed and protected inside the stainless steel filter chamber; the filter is made of antistatic polyester, tailored with pockets in order to increase the filter surface (30.000 cm<sup>2</sup>), and has a high filtration efficiency (3 micron). A manual filter shaker enables the user to clean the filter efficiently, by a vertical shaking movement, so as to detach most of the dust and maintain the filter clean, in order to increase its life and maintain the suction performance of the machine. The frontal aluminium die-cast suction inlet (Ø80 mm. diameter), placed below the filter, makes it possible to vacuum at the same time dust, solid and liquid material (the latter only within the capacity of the container), with no need to change or take out the filter.

### Collection unit

The vacuumed particles are withheld into a layer of water inside the collection container (100 lt. capacity)

The collection container is fitted with four wheels; it is fastened to the filter chamber by means of a quick release system, enabling to detach it in case it needs being emptied.

The vacuum is mounted on a sturdy steel chassis with two pivoting wheels, one of which with brakes; all metal parts of the vacuum are epoxy painted

