Q-FIN
Quality Finishing

WES
Wet Extraction System

WET FILTER DUST COLLECTOR

WES3000

WES6000

Fire hazard is excluded with our wet-operating extractor system.

WES

The extractor system WES is a wet-operating system which extracts grinding dust from stainless steel, steel, alumnium and magnesium. This dust collector is completely build out of stainless steel. This is done in a safe manner so that dust from aluminium and magnesium do not create fire or explosion danger. The extracted dust is pulled through the whirling water with great force, whereby the dust is encapsulated in water and in that way separated from the supplied air.

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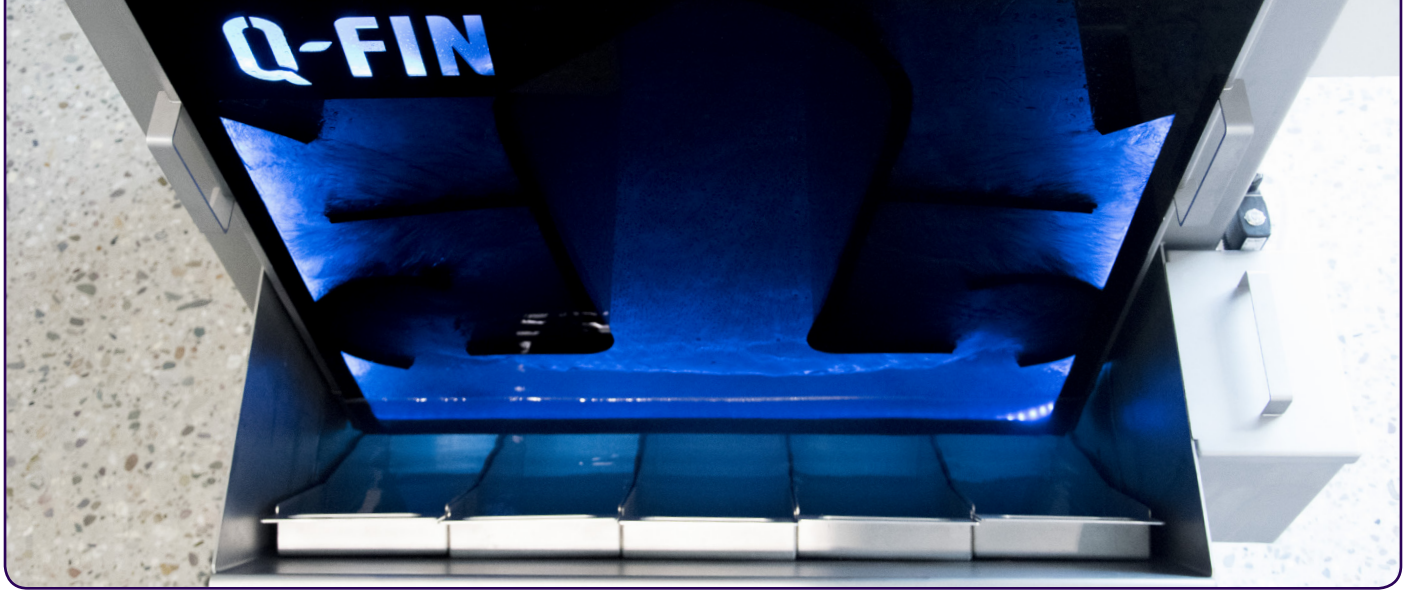


DESCRIPTION

Our all Stainless Steel extractor features a unique wet filter. The WES can easily be combined with one of our deburring machines. When grinding or deburring the released metal dust is aspirated and abducted. Inside the WES grinding dust is being forced throught the water and the dirty air is washed. All metal particles drop down in the dust collectors at the bottom of the WES.

The WES is extremely suitable for materials that spark when processed and sticky materials. Oiled sheet components for example, can cause major problems for systems with dry filters, because of the sparks during the process. Because of the oil, the filters close and one spark can be enough to cause a fire. All fire hazards that occur with dry systems are prevented by an extractor system with a wet filter. WES stands for 'Wet Extraction System' and is the easiest, safest and most sustainable way to extract grinding dust according to Q-Fin. With this wet-operating dust extractor, fire and explosion hazards are prevented. The WES is available as WES3000 and WES6000. In addition, there is also a WES12000 available (15 kW / approx. 12.000 m^3/h). These wet extractors can be combined with all our deburring machines, in many cases multiple deburring machines can even be connected to 1 WES extractor system. We can take care of placement, including pipe work, if required.

WES3000

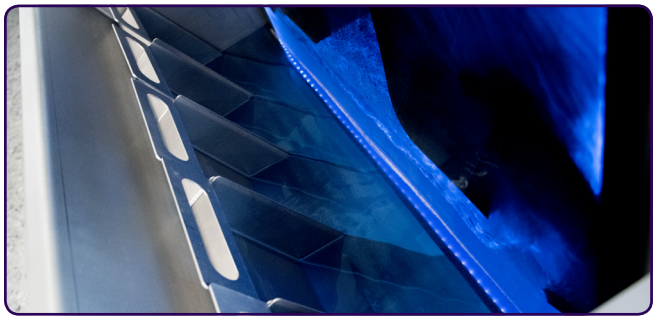
The WES3000 is a 3 kW dust collector with a wet filter, with a capacity of approx. 3000 m^3/h (max. 4000 m3/h). The extractor is typically features a mechanical float valve managing the water volume and levels. An electronically controlled system is optional for the WES3000. The 7.5 kW and 15 kW extractors are by default equipped with an electronic water filling and water level management system controlled by sensors.

WES6000

The WES6000 is a 7.5 kW extractor with a capacity of approx. 6000 m3/h (max. 6500 m^3/h). This Wet Extraction System is by default equipped with an electronic water filling and water level management system controlled by sensors. By connecting 2 WES6000 systems, the WES1200 is formed, with a capacity of 13.000 m^3/h.

UNIQUE FEATURES

- **Constant capacity, no loss of suction power**
- **Bottom containers removable for easy cleaning**
- **Wear resistant and remains stainless**
- **For automatic water filling float system**
- **Very suitable for sparking and sticky substances**



TECHNICAL SPECIFICATIONS

Available in two versions: 3 - 7.5 kW
Capacity: 3000 or 6000 m^3/h
Fully manufactured in stainless steel
Automatic filling and levelling
Comes with 5 dust collectors
Control by power switch or external machine
Connection value WES6000: 400 V, 50 Hz, 25 A, 12 kW
Measurements: 1645 (2070) x 1090 x 2300 (2560) mm (L x W x H)
Weight: 335 kg (WES3000) / 495 kg (WES6000)