

# WES

Wet Extraction System

## WET FILTER DUST COLLECTOR

# Q-FIN

Quality Finishing Machines



## WES

**WES6000**

**WES3000**

**Fire hazard is excluded with our wet operating extractor system. Extracts grinding dust without loss of pressure.**

The WES extractor system, completely built out of stainless steel, is a wet-operating system that extracts grinding dust from metals such as stainless steel, steel and aluminium. There is no chance of fire or explosion through its safe way of extracting the dust. The extracted dust is pulled through the whirling water with great force, encapsulation the metal dust in the water and separating it from the supplied air.





## WES

- **Wear resistant stainless construction**
- **No grinding dust in the air or work area**
- **Constant capacity and no loss of extraction**
- **Wet filter excludes fire and explosion hazard**
- **Never change filters, easy to maintain**

### SUITABLE FOR PROCESSING

- ✓ Stainless steel
- ✓ Aluminium
- ✓ Steel

### DESCRIPTION

WES is short 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. Our all Stainless Steel airwasher features a unique wet filter system which makes it the safest solution for extracting the grinding dust of deburring and grinding machines. When grinding or deburring the released metal dust is aspirated and abducted. Inside the WES grinding dust is being forced through 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 oily sheet metal parts. All fire hazards that occur with dry filter systems are prevented by this wet filter extraction system. When finishing aluminium parts the aluminium grinding dust causes dust explosion hazard, this danger is excluded when using this wet filter.

The WES is available as WES3000 and WES6000. The WES3000 is a 3 kW dust collector with a wet filter, with a capacity of 3000 m<sup>3</sup>/h. The WES6000 is the 7.5 kW version with a capacity of 6000 m<sup>3</sup>/h. Both extractors are by default equipped with automatic water filling and water level management system controlled by electronic sensors. These wet extractors can be combined with all our deburring machines, in many cases multiple deburring machines can be connected to one WES extractor system. We can take care of the installation including the tubing if requested.



### TECHNICAL SPECIFICATIONS

Motor	3.0 or 7.5 kW	
Material	fully made of stainless steel	
Filling	automatic water level control	
Dust collection	5 dust collectors / no filter	
Power control	power switch or external machine	
	WES3000	WES6000
Capacity	3000 m <sup>3</sup> /h	6000 m <sup>3</sup> /h
Connection value	400 V, 50 Hz, 8 A, 4 kW	400 V, 50 Hz, 25 A, 12 kW
Dimensions (L x W x H)	1441 x 878 x 2300 mm	1647 x 1090 x 2560 mm
Weight	335 kg	495 kg