

Selective and tailor-made dust suppression for smaller systems

The H2 Pump is a stationary system for dust suppression. As part of the new H2 series, the H2 Pump was specially designed for use in smaller systems and indoor areas. Their modular design enables complete adaptation to the specific situation on site. Thanks to the water mist technology that has been tried and tested over many years, the H2 Pump can guarantee extremely efficient dust suppression with a small amount of water – exactly where the dust is generated.



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WHAT MAKES THE H2 PUMP UNIQUE:

- › high adaptability thanks to modular design
- › the best choice for indoor areas as well as spot dust suppression
- › extremely efficient in dust suppression thanks to the proximity to the dust source
- › thanks to the highly developed water mist technology, very little water is required for maximum results
- › no secondary problems such as puddles of water or high energy costs
- › easy installation
- › easy maintenance, as all important components are easily accessible

TYPICAL APPLICATIONS

Thanks to its compact size and adaptability, the H2 Pump can be used almost anywhere, e.g., in open storage areas, in small indoor areas, for handling of bulk material, in recycling plants, crushing plants, tunnels and transfer points on conveyor belts.

ELECTRICAL CHARACTERISTICS

Nominal voltage	V	400
Frequency	Hz	50
Connection plug	A	5x16
Power consumption at 1.5 kW	kW	3
at 2.2 kW	kW	3.7
at 3 kW	kW	4.5

SIZE

Length pump box	mm	644
Width pump box	mm	420
Height pump box	mm	357
Length electrical cabinet	mm	400
Width electrical cabinet	mm	500
Depth electrical cabinet	mm	210

TEMPERATURE RANGE

Operating temperature	°C	+5 to +40
with automatic drain	°C	0 to +40
with heating	°C	-10 to +40

WATER

Water flow at 1.5 kW	l/min	2–8
at 2.2 kW	l/min	12–15
at 3 kW	l/min	21
Water supply pressure	bar	0.5–5
Working pressure	bar	70
Water filter		10 µm / 50 µm
Water quality		potable water

AIR

Inlet pressure	bar	2–6
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