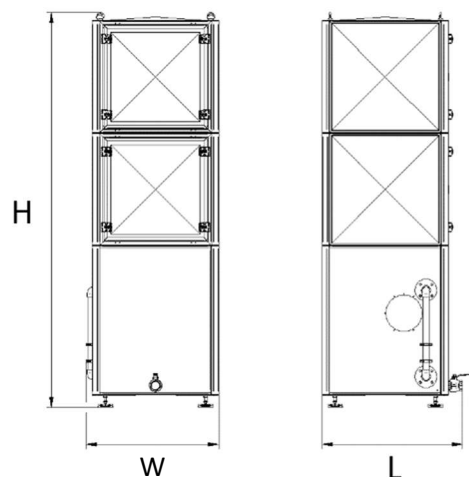


Wet separator

X45900

# DUSTOMAT Hydro 3500 ATEX



**Technical data** (Technical data and drawings may vary depending on the selected variant. Please refer to the type plate for the relevant values)

Mains voltage	400 V	Water connection	3/4"
Nominal power	5,5 kW	Water drainage	2"
Nominal current	11,0 A	Water content	153 L
Mains frequency	50 Hz	Weight	375 kg
Circuit breaker	C32A	Intake opening	Ø 224 mm
Max. negative pressure	3.400 Pa	Outlet opening	Ø 450 mm
Max. volume flow	3.500 m <sup>3</sup> /h	Dimensions (L x W x H)*	850 x 1.100 x 2.580 mm
Sound pressure level **	[dBA] 72		

\*\* Specified sound values may vary in Air extraction operation

\* Dimensions without control cabinet

## Application Range

- » Extraction of metallic dusts (aluminium, titan, steel, stainless steel, brass, copper, e.g.)
- » For the single or multi-station extraction of dry, free flowing, electrically conductive materials
- » Ideal solution for heavy flying sparks

## Special Features

- » Components in contact with media made of Stainless steel: V2A (DIN 1.4301)
- » Filter stage 1: Separation via innovative washer chamber with particularly high degree of separation, 98,7% even with the smallest particle fractions of  $\geq 15 \mu\text{m}$
- » Filter stage 2: Downstream droplet separator with optimised maintenance access, which reduces the residual moisture content of the exhaust air to a minimum
- » Filter stage 3: With metal mesh, pre-filter (M5) Filter class according to ISO 16890: ISO ePM10 65% or prefilter (F9) Filter class according to ISO 16890: ISO ePM1 80%
- » Filter stage 4: With post-filter (F9) Filter class according to ISO 16890: ISO ePM1 80% or post-filter (H14) Filter class according to ISO 29463: ISO 45 H (separation efficiency  $\geq 99,995 \%$ ).

## Design

- » ESTA standard painting (with C3/H)
- » With potential-free contact (On/Off)
- » Device signage: ESTA / German
- » Country-specific regulations: EU
- » ATEX marking:  
Dust inside II 3D Ex h IIC T 125° C Dc X  
Gas inside II 3G Ex nA IIC T3 Gc X

## Options

- » Device completely made of stainless steel V2A (DIN 1.4301) or V4A (DIN 1.4404)
- » Operating duration: diverse shift operation
- » Operating mode: Air recirculation operation
- » Operating mode: Air extraction operation
- » Intake port position: Right, left or at the back
- » Fill level tube position: Left or right
- » Switch cabinet becomes Unassembled or fixed
- » Accessory package: Noise package
- » Monitoring functions: Operating message, Volumetric flow control, Fill level monitoring & automatic filling, Maintenance & operating hours counter, Safety filter monitoring, Fill level monitoring DGUV 109-001

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