



Wet separator **DUSTOMAT**_{HYDRO}

for use in grinding, brushing and polishing



The wet separators of the DUSTOMAT HYDRO series are used in work processes **with flying sparks or for the extraction of highly flammable substances**. They are suitable for single and multi-station extraction systems for metallic dusts, such as during grinding, brushing and polishing.

The **patented water separation technology** safely binds **over 98,7 %** of the extracted dusts and sparks in water, even with the smallest particle fractions of $\geq 15 \mu\text{m}$. The **downstream dry filter system (separation efficiency up to $\geq 99.995 \%$)** is therefore low-wear and thus reduces follow-up costs. The filter system can be configured individually.

Your Benefits

- » High separation efficiency thanks to multi-stage filtration (up to $\geq 99.995 \%$)
- » Highly effective water separation (separation efficiency of 98.7 % for particle size $\geq 15 \mu\text{m}$) protects downstream dry filters
- » High extraction efficiency for optimum results
- » Heating cost savings through optional recirculation operation
- » Economical water consumption by means of water level control
- » Low-noise system operation due to sound-optimised design
- » ATEX compliant
- » Easy to operate thanks to convenient touch display



To the product



Technical data

DUSTOMAT HYDRO		2300	3500	6000	10000
Max. Airflow	m³/h	2,300	3,500	6,000	10,000
Max. Negative pressure	Pa	2,500	3,400	3,950	4,800
Intake diameter	mm	180	224	280	400
Motor	kW	3.0	5.5	7.5	15.0
Water connection	inch	¾	¾	¾	¾
Dimensions (L / W / H)	mm	850 × 1.100 × 2,580*	850 × 1.100 × 2,580*	1,350 × 1,550 × 3,400*	1,350 × 1,550 × 3,400*
Weight	kg	340	380	750	870
Sound emission	dB(A)	70.0**	72.0**	73.4**	80.5**
Order Number		X45900	X45900	X45901	X45901

* Dimension without control cabinet / ** with sound insulation package

Any questions?
Contact us!

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ESTA
Extraction Technology

ESTA extraction technology has provided comprehensive solutions for all application areas for more than 50 years. From single devices for a wide range of application purposes to complex extraction systems – we ensure a clean working environment at all times. This protects machines, benefits your employees' health and lays the groundwork for efficient and quality-oriented working.

