



Hall ventilation system

DUSTOMAT TOWER

Efficient indoor air purification without a duct system

The DUSTOMAT TOWER is used to **extract welding fumes** in production halls when localised extraction is insufficient or direct extraction from large workpieces is not practicable. As a **stand-alone solution**, the hall ventilation system requires **no additional pipework**, can be **integrated quickly** and can be **flexibly repositioned** to accommodate changes in production.

The DUSTOMAT TOWER operates on the push-pull principle and ensures controlled airflow within the production hall. An integrated **frequency converter** also enables the DUSTOMAT TOWER's output to be **regulated according to demand**, helping to reduce energy consumption.

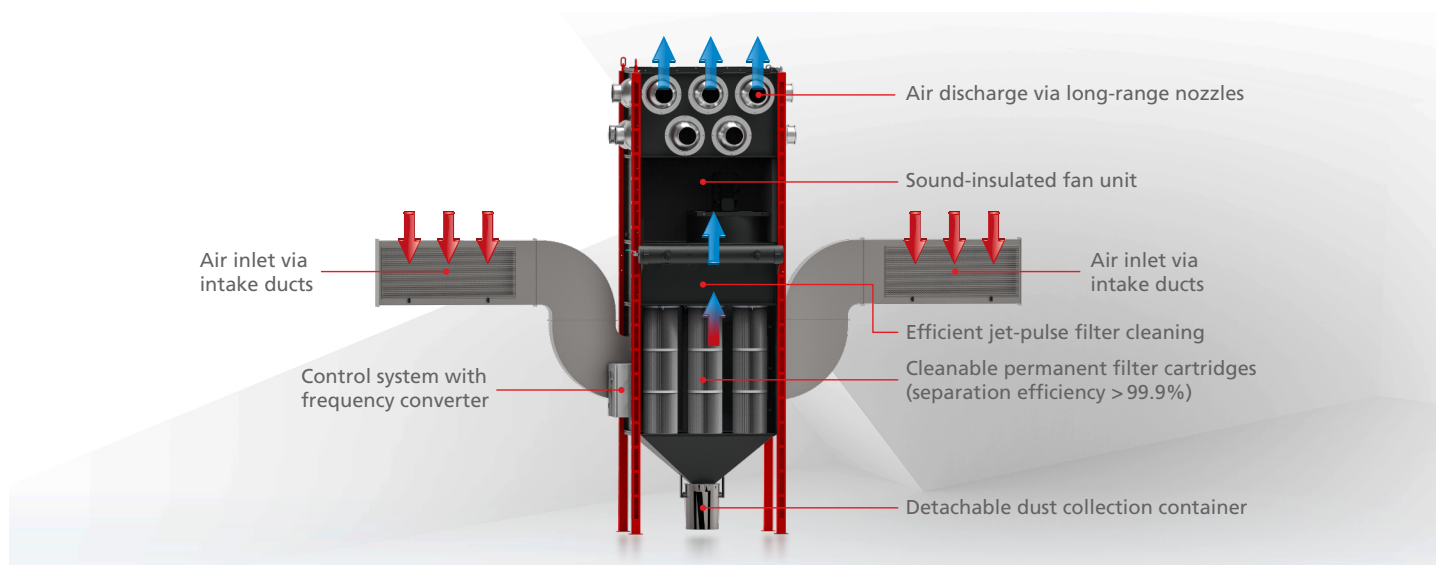


Your benefits

- » Better air quality for all staff in production halls
- » Helps ensure compliance with statutory dust limit values
- » Adjustable, energy-efficient system operation
- » No pipework or installation work required
- » Versatile in use, easy to move by crane
- » Quiet in operation
- » Low running costs thanks to cleanable permanent filter cartridges

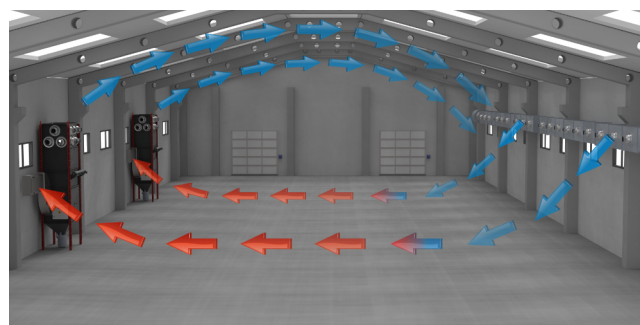


To the product



Push-pull ventilation

The push-pull principle of the DUSTOMAT TOWER workshop ventilation system ensures controlled air flow within the production hall. Air containing welding fumes is drawn in via the two side intake ducts of the DUSTOMAT TOWER, cleaned in the filter unit and then returned in a controlled manner to the production hall via long-throw nozzles, where it is distributed evenly. At the same time, an optional opposing air duct ensures that the air containing welding fumes is continuously channelled to the filter system, thereby supporting the effective purification of the hall air.



Technical data DUSTOMAT _{TOWER}		
		F-100
Suction inlet	mm	2 × 250 × 600
Long-range nozzles	Piece	11
Drive power*	kW	11.0
Number of cartridges	Piece	4
Dust container	l	30
Dimensions without suction system (L/W/H)	mm	1,370 × 1,170 × 4,420
Dimensions with suction system (L/W/H)	mm	1,370 × 6,200 × 4,420
Order No.		662100

* Mains voltage / rated frequency: 400 V / 50 Hz

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.

