

## DEDUSTER NE 400 J



### DESCRIPTION

These NESTRO® dust separators are developed especially for small and middle size enterprises with a total air requirement of 1,780 up to 10,000 m<sup>3</sup>/h or for bigger companies as a supplement of an existing central dust extraction system.

All NESTRO® dedusters use negative pressure technology, i.e. the integrated ventilator is located behind the filter section (the impeller of the ventilator is loaded with clean gas only).

### FEATURES

- High energy efficiency.
- Indoor installation possible, very compact design.
- Remaining dust <0,1 mg/m<sup>3</sup>.
- Very quiet, max. 72-74 Db(a).
- Made in Germany.
- Ne J (from performance class 250).
- Feat. Ie5 reluctance motor with frequency converter.
- Fire protection flap - no powder or water extinguishing device necessary.
- For up to 10 processing machines, with touch panel.

### TECHNICAL SPECIFICATION

Certified according to BGHM, Germany	H3 / CE / GS
Energy Efficiency Class Motor	IE5 (with frequency converter)
Power Consumption	15 kW
Current Consumption	34.8 A
Pre-fusing   EL CB	50   x A
Filter Area	54.3 m <sup>2</sup>
Dimensions L x W x H	3982 x 1008 x 2650 mm
Bin Volume (Wood Dust)	3 x 165 L
Weight	1400 kg
Ø Suction Connection	350 mm
Operating Air Volume	10000 m <sup>3</sup> /h
Air Volume maximal   nominal	10000   6925 m <sup>3</sup> /h
Negative Pressure related to nom. Air Vol.	2750 PA
Total static Negative Pressure at Ventilator	3400 PA
Maximum Noise Level according to MRL*	72 - 74 dB (A)
Filter Regeneration	Compressed-Air Pulse (Jet)
Extinguishing Device	Certified Fire Protection Flap (Hermetic Oxygen Seal)
Operation Mode	Permanent Mode
Current   Supply Voltage	Three Phase Current   400 V   50 Hz



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