

DUST EXTRACTION SYSTEM NE 160



DESCRIPTION

The NE-series industrial dedusters are your solution for the energy-efficient extraction of wood dust and chips in joineries and carpentry shops. These economical dedusting systems promote a smooth production process, protect your machines and the health of your employees.

NE-series dust removers comply with all current requirements for dedusting equipment and are approved for internal installation in workshops. A powerful deduster is ideal for use in the woodworking industry, as dust extractors for individual machines, small groups of machines or stand-alone solutions (where special extraction requirements exist). They can also be used for related materials, such as plastic, leather, paper or other industrial dusts.

Deduster NE 160 is a vacuum filter with a fan installed on the clean gas side and outstanding efficiency. All dedusters are equipped with automatic filter regeneration and, from NE 250, with an automatic extinguishing system. In automatic mode, the deduster switches on and off in parallel with the machines that require extraction.

TECHNICAL SPECIFICATION

Certified according to BGHM, Germany	CE
Energy Efficiency Class Motor	IE3
Power Consumption (kW)	2.2
Current Consumption (A)	4.4
Filter Area (m ²)	9.5
Dimensions D x W x H (mm)	910 x 1575 x 2110
Bin Volume (Wood Dust) (l)	1x 160
Weight (kg)	405
Ø Suction Connection (mm)	160
Operating Air Volume (m ³ /h)	2300
Air Volume maximal nominal (m ³ /h)	1780 1447
Negative Pressure related to nominal Air Vol. (PA)	2450
Total static Negative Pressure at Ventilator (PA)	3160
Maximum Noise Level according to MRL* (dB (A))	74
Filter Regeneration	Pneumatic
Extinguishing Device	None
Operation Mode	Permanent Mode
Current Supply Voltage	Three Phase Current 400 V 50 Hz

* = Open-air noise level according to German machinery directive with a distance of 1.0 m at a height of 1.6 m. Measurement according to EN-ISO 11201, measured at nominal air volume without material conveyance.

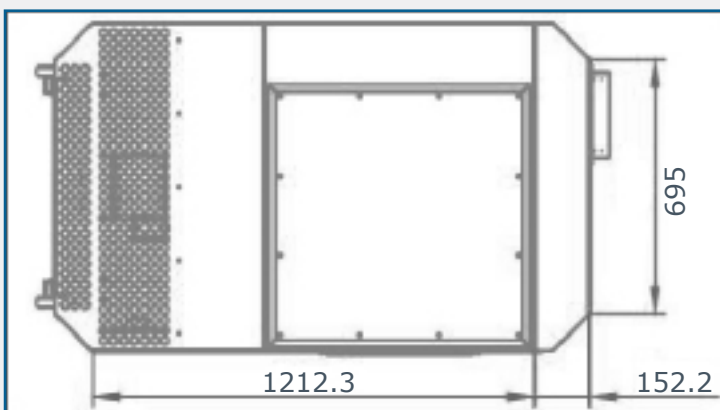
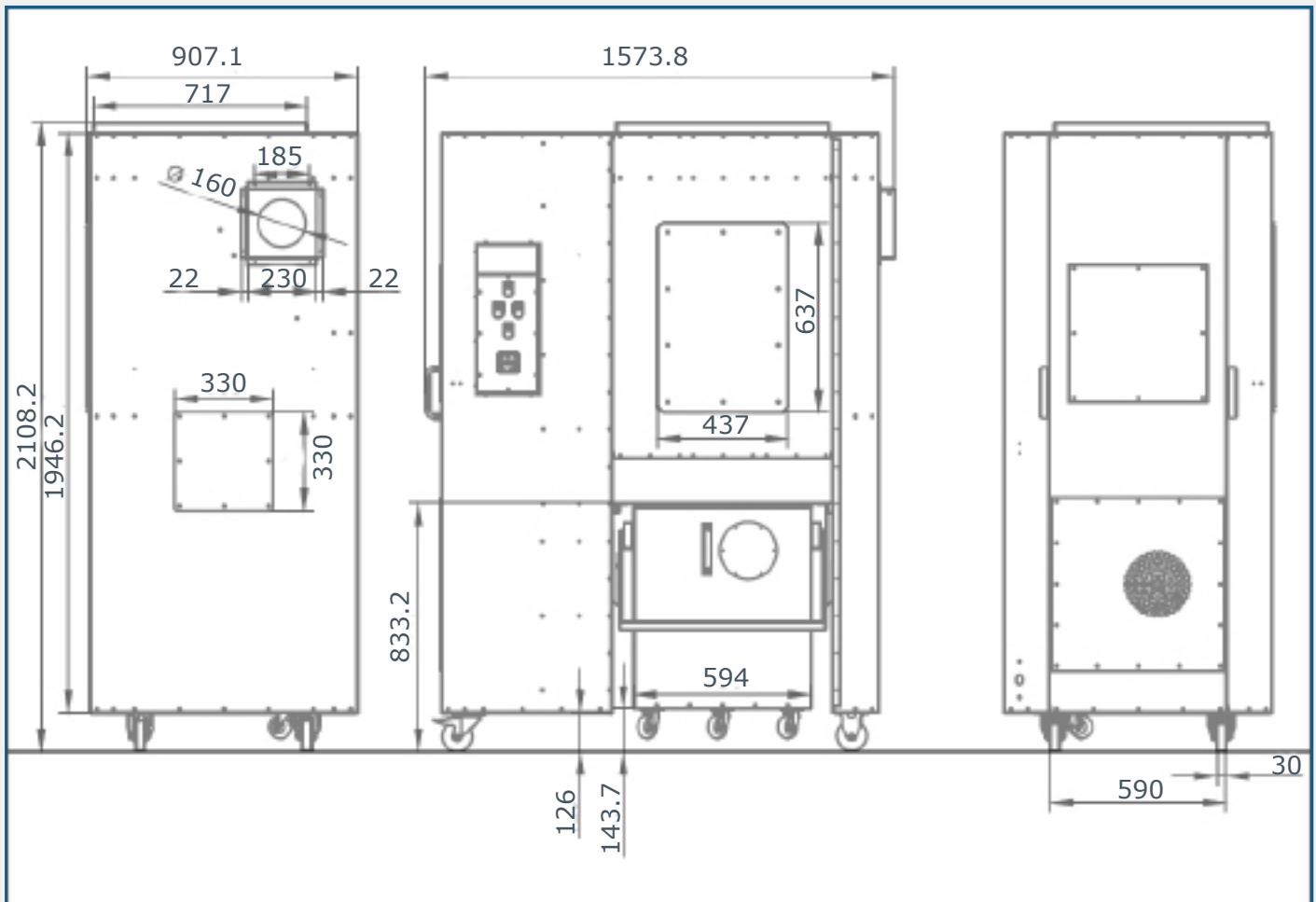
Ambient Conditions: 5°C < t < 40°C, measurements in accordance with DIN standard 8416 (20 m/sec.).

ACCESSORIES

- Briquetting press available to replace bins, perfect system integration for automatic operation.
- Rotary gate valve available to replace bins, perfect system integration.
- Silencer, effect approx. -10 dB(A).
- Dust bulkhead.
- Ultrasonic sensor level control.
- Set of PE bags.

AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

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TECHNICAL DATA COMPRESSED AIR

Medium	dry, oil-free air
Nominal pressure	6 bar
Max. Pressure	7.5 bar
Air consumption	ca. 400 Nltr./Interval
Connection	Coupling plug - NW7
Switch cabinet connection	-16 A CEE socket

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