



SHREDDER ASPIRATOR



ST

AIR FLOW

from 1000 to 30,000 m³/h

PRESSURE

from 100 to 700 mmH₂O



DESCRIPTION

The "ST" model aspirator-shredder is a machine created and designed to vacuum and shred **paper** and **cardboard**, trimmings and punches, aluminium foil trimmings and scrap and waste from **Tissue** rolls.

Created in a large range of models, it is able to satisfy all the requirements of the sector for which it is intended.

It is available in the executions with impeller coupled directly to the motor, belt transmission with motor housed in the chair and with base. It can also be created in a variety of orientation positions.

The structure and the case are made of sturdy high-thickness painted carpentry.

The impeller, statically and dynamically balanced, is equipped with special removable blades, with double Widia cutting profile.

The suction inlet, off-centre with respect to the axis, is adjustable according to the material to be processed.

STANDARD SUPPLY

- Structure and case made of sturdy painted carpentry.
- The impeller, statically and dynamically balanced, is equipped with special removable blades, with double Widia cutting profile.
- Adjustable intake opening.
- Belt transmission with protective casing.
- Inspection door
- Electric motor with adequate power according to requirement.

ACCESSORIES

- Simple intake pre-opening.
- Intake pre-opening with false silenced air, with manual adjustment.
- Intake pre-opening with false silenced air with automatic proportional opening system, on machine control.
- Support anti-vibration mounts.
- Fitting on the delivery port.
- Soundproofing cabin.
- Silencer on the delivery port.
- Electrical control panel.



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STD SERIES

The STD series represents the small category of the extractor-shredder, for installations on the machine.

Although small in size, it retains all the features of the ST series, but is more economical as the motor is keyed directly to the impeller.

Excellent especially for applications of waste extraction on machines for the production of aluminium trays, but also for small rewinders. Air flow rates from 1,000 to 4,000 cubic meters/h with powers from 2.2 to 5.5 KW.



AUTOMATIC PROPORTIONAL FALSE AIR OPENING SYSTEM.

A special pre-opening, complete with false air, with automatic proportional opening on command of the operating machine, can be installed at the inlet mouth of the extractor-shredder.

This electro-pneumatic system, on a 4-20 mA command received from the machine, automatically varies the suction on the trim pick-up outlets, in order to avoid vibrations and paper breakages at low speeds.



SOUNDPROOF CABIN

When necessary, the extractor-shredder can be inserted inside a soundproofing cabin that allows noise attenuation by approximately 15 dB (A).

The cabin consists of:

- Base in painted metal profiles.
- Structure in special anodised aluminium profile.
- Easily removable sandwich panels, consisting of internal micro-stretched sheet metal, sound-absorbing and soundproofing materials, galvanised or pre-painted external sheet metal.
- Forced silenced ventilation (ON REQUEST).