



ISVE RECYCLING
RECYCLING ENGINEERING PARTNER

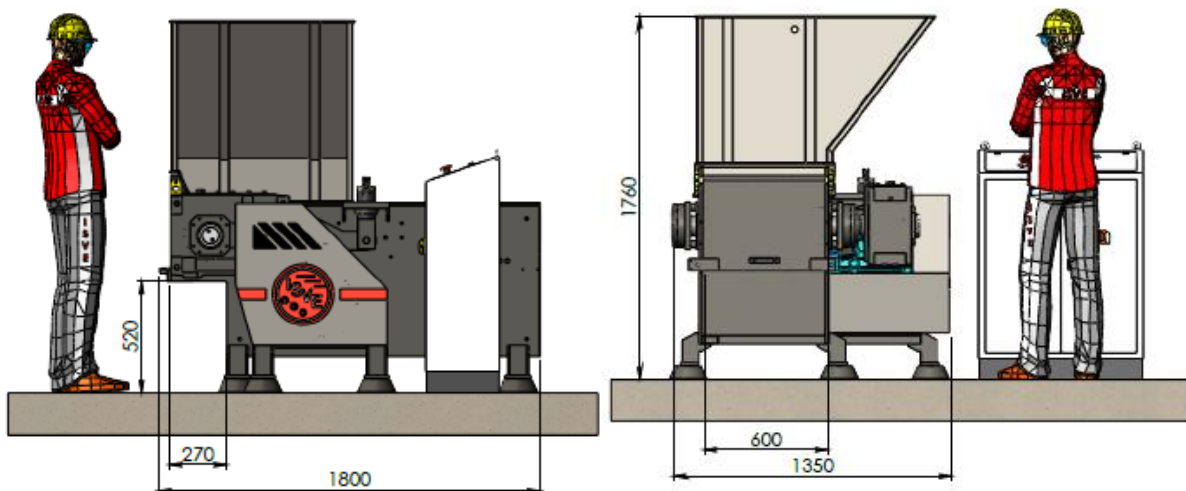
MS 22-60 IT SHREDDER

SIEMENS
CONTROL

HEAVY
STRUCTURE

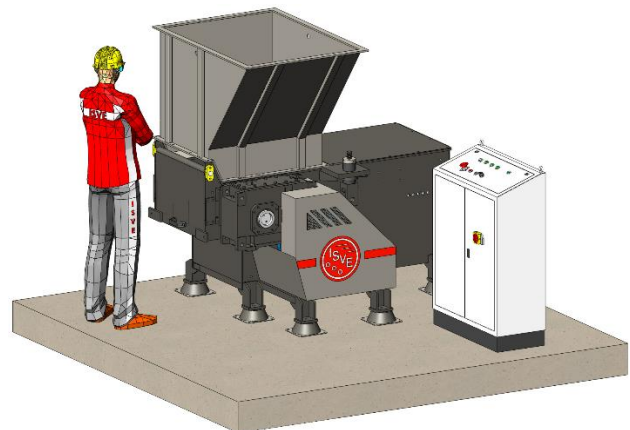
2022

The MS 22-60 single-shaft shredder is particularly suitable to shred high-consisting wastes. A hydraulic control unit allows driving the pusher drawer. Thus, the product to be grinded is pushed towards a tools-holder rotor causing its crushing. Thanks to a screen it is possible to select the final dimension of the shredder material.



Main features

Power installed on the rotor:	18,5 kW (25 HP)
Power of the hydraulic control unit:	2,2 kW (HP 3)
Drive:	by belts
Number of rotors:	1
Rotor diameter:	220 mm
Rotor length:	600 mm
Number of reversible tools:	27
N° of usable tools sides:	4
Average number of rotor revolutions per min:	85
Weight:	1.800 kg
Production:	200-400 kg/h
Safety devices:	emergency stop, drawer reversal system.



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MOD. MS 22-60 SHREDDER (2022 VERSION)

Characteristics of the shredder

- Strong welded steel framework;
- Support for barrel roller bearings with sealing system against dust and liquids
- High thickness rotor with diameter of 220 mm and length of 600 mm. It is equipped with 23 tools-holder plates and 27 high alloyed anti-wear tools usable 4 times;
- No. 2 adjustable counter-blades (upper and lower) made in very alloyed anti-wear steel.
- Pusher drawer with hydraulic driving with 500 mm of usable run;
- Hydraulic unit;
- Pulleys and belts drive system to avoid damaging mechanical due to rotor vibrations.
- No. 1 multi-voltage and multi-frequency motor of 18,5 KW of primary national company with PREMIUM efficiency class (IE3) and no. 1 motor of 2,2 KW for the hydraulic unit.
- 600 X 700 mm cutting chamber;
- Welded sheet metal hopper for top loading;
- Interchangeable screen establishing the size of the shredded material;
- Discharge system: to be defined

Characteristics of control system

- Electric switchboard complying with EEC standards, equipped with torque limiting device which inverts the direction of the rotor if the work load of the machine exceeds the set value;
- Main internal board (LOGO SIEMENS) for the control of all the plant peripheral units;
- Emergency control functions for stopping the system;
- **Made to CE standards.**

ACCESSORIES:

Interchangeable screen establishing the size of the shredded material (diam. 14-16-20-25-30-35 mm).

Drawer connectable to a suction system with outlet connection diameter 160 mm.

Collection drawer for shredded material, equipped with 4 swivel wheels, plexiglass inspection window, fixing knobs and safety micro.

Upper hopper closure with side window equipped with rubber bands to avoid material leakage during grinding.

Rotor cooling system.

SPECIFIC ACCESSORIES FOR THE GRINDING OF ELECTRICAL CABLES

Rotor protection plate (prevents rotor overloads when loading hank materials)

Shredder stop software in case of overloaded separation system/refiner mill.

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