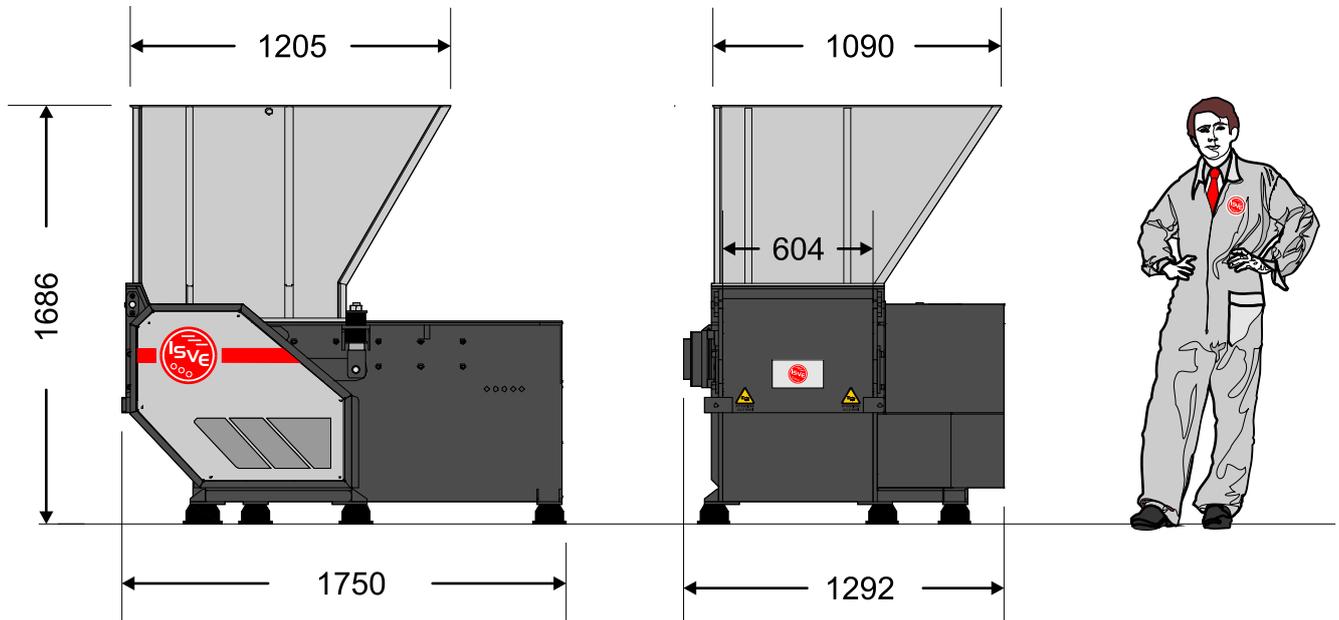

SINGLE-SHAFT
shredders

MR 22-60 SHREDDER

SIEMENS
CONTROL

HEAVY
STRUCTURE



The MR 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

Manufactured according to EC standards



MR 22-60 SHREDDER

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;
- 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;
- Base equipped with drawer connectable to the aspiration system (wood sector) or protection sheet with safety micro.

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.**
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