

SINGLE-SHAFT

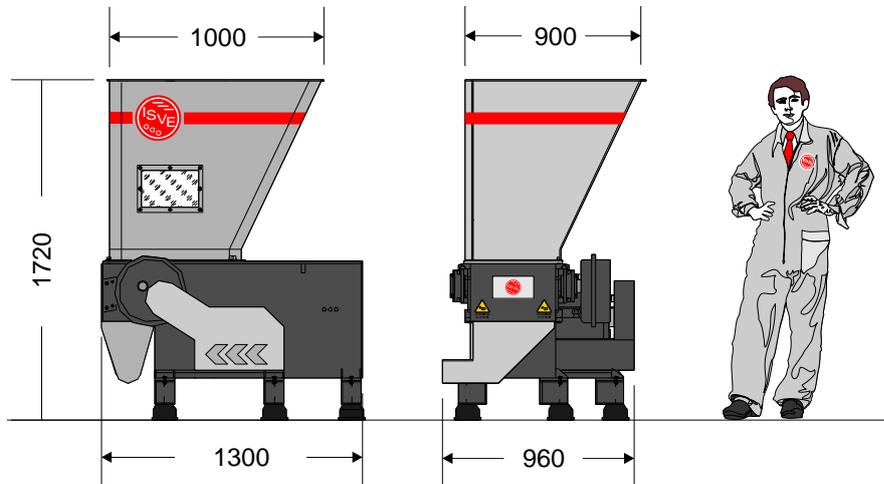
Shredder

MR 17-40 SHREDDER

SIEMENS
ENGINES

SIEMENS
CONTROL

HEAVY
STRUCTURE



The MR 17-40 single-shaft shredder is particularly suitable to shred small wastes with high resistance.

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:	7,5 Kw (10 HP)
Power of the hydraulic control unit:	0,75 kW (1 HP)
Drive:	by belts
Number of rotors:	1
Rotor diameter	170 mm
Rotor length:	400 mm
Number of reversible tools:	12
N° of usable tools sides:	4
Average number of rotor revolutions per min	95
Weight:	800 kg
Production :	80-150 kg/h
Safety devices:	emergency stop, drawer reversal system

Manufactured according to EC standards

Accessories on request

Loading belts;
Interchangeable hopper;
Interchangeable screen;
Shredded material packaging system;
Refiner for timber and plastic (for sizes lower than 14 mm)

Explanatory notes

Small sized multipurpose machine suitable for shredding wide range of waste materials. It can be introduced into a line to operate in continuous working. Recommended for shredding pieces of wood, plastic material, paper, confidential documents, sheets, rubber pieces, etc.

MR 17-40 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 170 mm and length of 400 mm. It is equipped with 12 tools holder plates and 12 high alloyed anti-wear tools usable 4 times;
- Adjustable counter-blades (upper and lower) made in very alloyed anti-wear steel.
- Pusher drawer with hydraulic driving with 350 mm of usable run;
- Pulleys and belts drive system to avoid damaging mechanical due to rotor vibrations.
- 1 SIEMENS motor of 7,5 kW for rotor activation;
- 1 motor of 0,75kW for hydraulic pump with thermostat for oil and cooling radiator;
- 400 X 400 mm cutting chamber;
- Welded sheet metal hopper for top loading;
- Interchangeable screen establishing the size of the shredded material.

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.**

