

TRITOTUTTO 120/100S

ANTI-TORSION
SHAFT

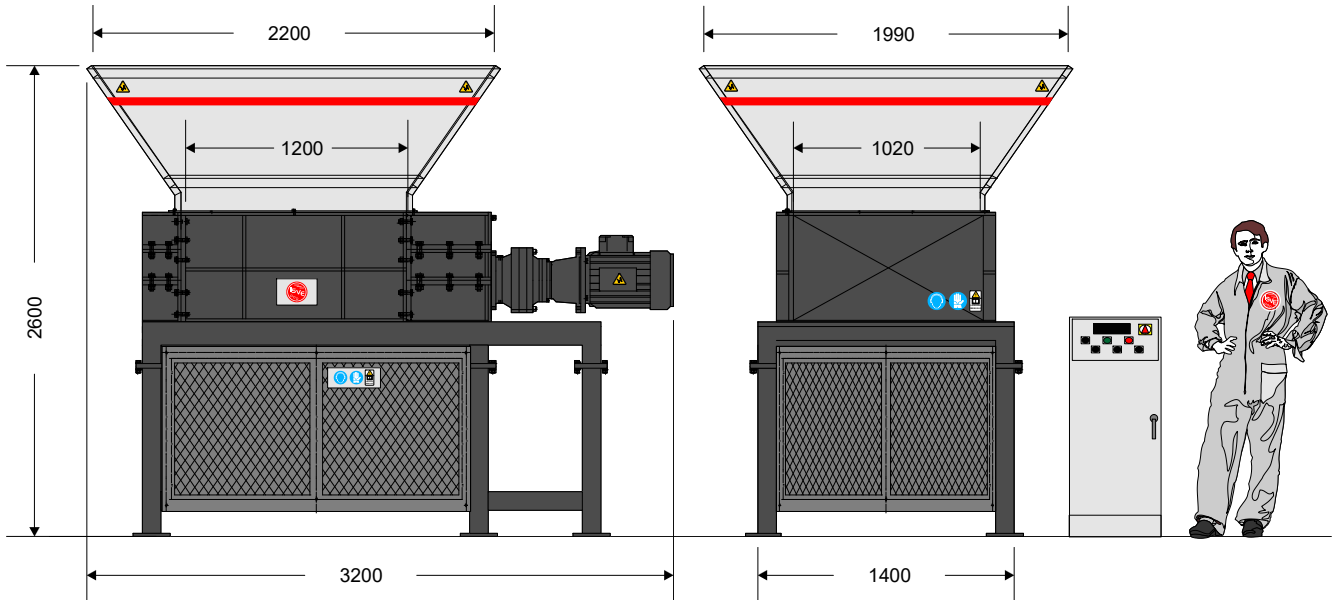
SIEMENS
CONTROL

TOUCH
PANEL

HEAVY
STRUCTURE

ISVE SERVER
CONNECT

ISVE
MAINTENANCE
PROGRAM



Main features

Dimensions of the cutting chamber
installed power
drive
Number of cutting shafts
Number of knives
Number of upper shafts
Number of upper knives
Rotating speed (RPM).
Capacity
safety
manufactured to EC standards

1000x1200 mm
44 KW (22 kW + 22 kW) - 60 HP (30 HP + 30 HP)
by gears
2
30
2
30
18
1,5-3 t/h
emergency stop, safety switches for hopper and frame

Accessories on demand

interchangeable hopper
interchangeable screen
base size to order

Explanatory notes

Medium sized multipurpose machine suitable for shredding an enormous number of waste materials- even very large. It can be introduced into a line to operate in continuous working.
Recommended for shredding pieces of wood even large sized, pallets, rags, plastic, leather, tyres, paper, cardboard, packaging, polyethylene banding, plastic film, PET bottles, milk bottles, different types of containers, paper documents, plastic scraps, upholstery, bumpers, small trunks, tarpaulin, etc.

SHREDDER MOD. TRITO 120/100S

Characteristics of shredder

- Very thick welded sheet steel support;
- Support for barrel roller bearings with sealing system against dust and liquids;
- Anti-wear interchangeable side plates with separating interspace of the cutting chamber from bearing-holder flanges;
- High thickness shafts with 30 special anti-wear steel cutters and 30 conveyor disks to facilitate gripping of bulky objects;
- Tools thickness 40 mm;
- Graduated arrangement of cutter teeth for better taking and cut progress;
- No.2 epicyclical reduction gears with rotation axes parallel to the cutter axis;
- No. 2 multi-voltage and multi-frequency motors of 22 KW of primary national company with PREMIUM efficiency class (IE3);
- Drive system in oil bath with steel gears and pinions;
- 1200x1000 mm cutting chamber;
- Interchangeable screen determining the sizes of the shredded material **(optional)**;
- Electrowelded sheet metal hopper for front or top loading;
- Base equipped with no. 3 protection nets with frontal gate provided with security micro;
- Weight: 6 t.

Characteristics of control system

- Electric switchboard complying with CEE standards, equipped with torque limiting device inverting cutters motion in case the working charge of the machine is higher than the programmed value;
- S7-1200 SIEMENS PLC to control all the plant peripheral units;
- Display touch screen 6 inches coloured to regulation of every parameter of the machine;
- Software prepared to control the loading system, the grinder and the suction plant.
- Emergency control functions for stopping the system;
- ISVE MAINTENANCE PROGRAM: it signals the ordinary maintenance interventions at their expiry date.
- PREDISPOSITION FOR REMOTE-ASSISTANCE AND "SAFETY SERVER CONNECTION ISVE" (real-time supervision of the parameters from server ISVE);
- **Made to CE standards.**