

TWIN SHAFT SHREDDER mod. ITS560x500E

DESCRIPTION

Low speed and high torque twin shaft ITS shredders designed for high performance and maximum reliability.

These electrically driven shredders are low energy consumption machines for recycling and disposal of any type of medium size waste and scrap. The wide range of solutions with different types of blades are able to satisfy the most shredding requirements.



WORKING PRINCIPLES

The material is fed through a feeding hopper placed above the grinding chamber which contains two rotating hexagonal shafts fitted with circular blades of predefined thickness with 1 or more hooks. The hook takes the material which is cut and falls by gravity under the grinding body.

The blades are made of a special wear-resistant steel.

In the event of an overload due to excessive absorption by the electric motor, the shafts stop and automatically reverse the direction of rotation, so as to free the blades from the material, before resuming regular operation in forward gear.

APPLICAZIONI

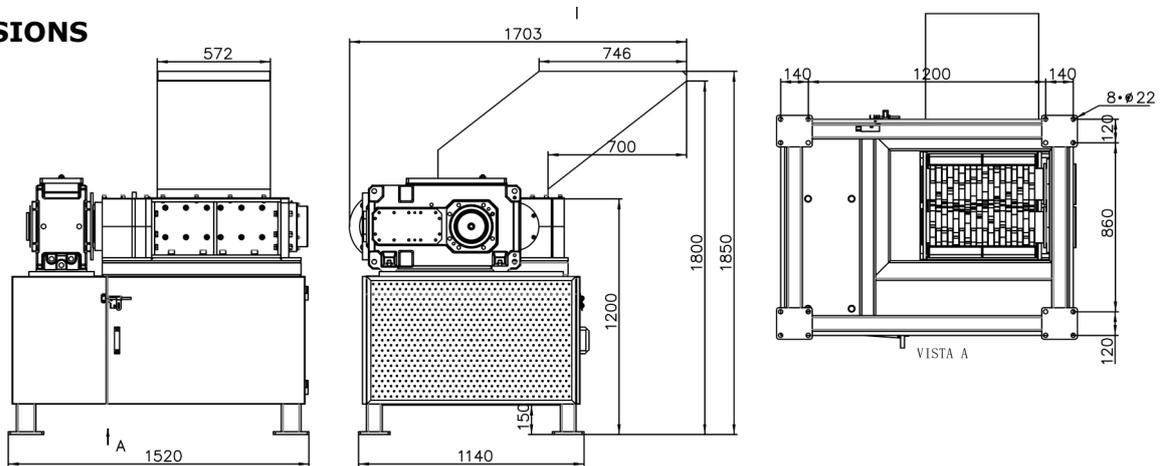
- Paper and cardboard
- WEEE—electrical electronic waste
- Car tires
- Hard disks and confidential waste
- Wooden scrap and broken pallets
- Defective products—production rejects
- Textiles and fabrics
- Hospital and pharmaceutical waste
- Electronic boards
- Metal swarfs
- Organic waste
- Onboard ship waste
- Plastic drums, crates and purgings



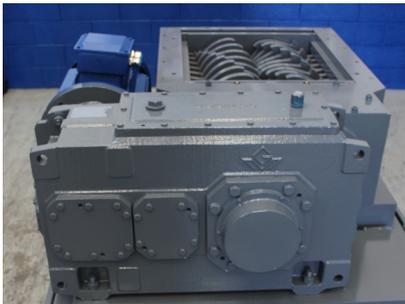
TECHNICAL DESCRIPTION

Cutting chamber dimension	560 mm x 500 mm
Hexagonal shafts	N°2
Blades	N° 18
Spacers	N° 18
Cleaning fingers	N° 18
Blade thickness	30 mm
Gearbox	N°1
Power	15 kW, 380V, 50 Hz
Shafts RPM	20/22 RPM.
Weight	2.700 Kg
Capacity Kg/hr	500 - 800 kg/hr

DIMENSIONS



Shredder Details



Oversized gearbox with high service factor to guarantee high performance



Two levels of protection of the cutting chamber made with a steel plate and spacers to avoid any contact between the shredded material, the bearings and other mechanical parts



Safety panel enclosure on all four sides of the supporting stand with micro-switch door protection designed to immediately stop shredder if accidentally opened

The data shown is indicative and can be changed without notice.