

## SHREDDERS



### DESCRIPTION

The **TRA600** shredder is a machine designed to shred long and coiled metal swarf.

The shredder is equipped with two slow-rotating shafts driven by two 4 kW motors on which a set of easily replaceable hooked blades is mounted, which, by crossing a counter-comb blade, create the cutting effect.

An interchangeable screen is installed below the shafts which, depending on the size of the openings, defines the size of the shredded swarf and therefore the hourly output of the shredder.

The shredder is equipped with an automatic ejection system for non-shreddable pieces.

### OPTIONAL

- Tower support structure, with top hopper connecting to machine tool, safety guards and gate with safety microswitch to insert trolley, pursuant to standard UNI EN ISO 13857:2008
- Perimeter guards with gate with safety microswitch to insert trolley, pursuant to standard UNI EN ISO 13857:2008
- Connection hopper to convey the swarf to the shredder mouth
- Pusher for hopper

### SUPPLY

- Case made of sturdy metalwork
- 2 special movable blades set made of wear-resistant material
- 2 fixed adjustable blades kit made of wear-resistant material
- 2 high-strength shafts
- 2 high-strength couplings
- 2 planetary gear units
- 2 motors 4 kW each with external anti-shock devices
- Interchangeable screen with customisable holes up to Ø20mm
- Automatic ejection system for non-shreddable parts
- Electric panel



LONG AND TANGLED SHAVINGS



SMALL SIZE



PIECE EJECTION

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## SHREDDERS

### TECHNICAL DATA

DIMENSIONS	1460x970xH330 mm
LOADING PORT DIMENSIONS	600x400 mm
WEIGHT	680 kg
POWER	8 kW
VOLTAGE	230/400 V
POWER SUPPLY	Continuos
RPM	38 rpm

### HOURLY PRODUCTION

Q = 0,8 m <sup>3</sup> /h	BRASS	STEEL	ALUMINIUM	STAINLESS STEEL	COPPER	CAST IRON
Δ density [kg/dm <sup>3</sup> ]	0,45/1	0,5/1	0,15/0,3	0,4/1	0,25/1	-
kg/h	360/800	400/800	120/240	320/800	200/800	-

The data in kg/h is approximate and in any case depends on the density of the swarf, the shape, the type and the thickness. The density values considered are hypothetical, based on an experimental average of the data in our possession. Prior tests can be performed.

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