



Costumized solutions for the treatment of waste from processing

## **Crushers**

# **TTC400**

VERTICAL CRUSHER  
180 ÷ 400 KG/H



*Vertical crusher for long and tangled metal shavings. It is a machine suitable for different applications, both for small treatment groups and for centralized systems. It is equipped with an automatic ejector of parts.*



- Structure and case made of sturdy painted metalwork
- Knives and shredding counter knives in wear-resistant material
- Automatic ejection system for non-shreddable parts
- Effort control by clutch
- Clutch system in alternate direction Customizable crushing shroud

The TTC400 crusher is a machine conceived and designed to **shred long and skein-type metal swarf**. It is a machine suitable for different applications, both for small treatment systems and for centralised systems.

The swarf loaded in the hopper is dismembered by a hooked arm which performs pre-shredding and conveys the swarf to the actual grinding point. The skein is then shredded and discharged from below.

**Where there is a non-shreddable piece that interferes with the process, the machine automatically ejects it through a side container controlled by two air cylinders.**

The unit is powered by a 5.5 kW geared motor with chain transmission and clutch.

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DIMENSIONS  
**1300x500x1000H mm**

POWER  
**5,5 kW**

VOLTAGE  
**230/400 V**

POWER SUPPLY  
**Continuous**

RPM  
**63 rpm**

WEIGHT  
**650 kg**

## HOURLY PRODUCTION

Q = 0,6 MC/H	BRASS	STEEL	ALUMINIUM	STAINLESS STEEL	COPPER	CAST IRON
density [kg/dmc]	0,5	0,65	0,3	0,6	0,5	-
kg/h	<b>300</b>	<b>390</b>	<b>180</b>	<b>360</b>	<b>300</b>	-

The data in kg/h is approximate and in any case depends on the density of the swarf, the shape, the oil content and the type of coolant. the density data considered are hypothetical, based on an experimental average of the data in our possession.

## AVAILABLE OPTIONALS

- Storage hopper for swarf loading
- Automated hopper closure lid and consent microswitch
- Ejected pieces separation sieve
- Electrical control panel



## FURTHER TECHNICAL CHARACTERISTICS

1. The crusher can be loaded by overturning a trolley in the hopper or by a conveyor
2. Different types of hopper can be installed on the top of the crusher, depending on the needs and loading methods
3. The rotor and the dismemberment shaft of the coil are replaceable
4. The number of counter knives to be applied to the crusher depend, by shape and number, on the type of the swarf
5. The machine can be configured with different types of knives (slot size)
6. The swarf may contain some sporadic pieces (end of bar, bar headers, machined, ...) which, depending on the size, will be crushed or automatically ejected

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