



REV  
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# TTC1000i

## SALES SHEET



CRUSHER TTC

### TECHNICAL DATA

|               |               |
|---------------|---------------|
| POWER         | 30 kW         |
| VOLTAGE       | 230/400 V     |
| SWARF FEEDING | Discontinuous |
| RPM           | 58 rpm        |

### SUPPLY

- Structure and casing made of sturdy painted metal carpentry;
- Blades and anti-wear shredding counter-blades, easily replaceable;
- Automatic ejection system for non-shreddable pieces;
- 30 kw hydraulic power unit;
- Alternating direction shredding system;
- Swarf gathered to shredder inlet by a proper conveyoyor arm
- Force control clutch;
- Shredding process management inverter

### DESCRIPTION

The **TTC1000 IDRA** unit is a machine conceived and designed to shred long and skein-type metal swarf, of different shape, composition and characteristics. It is a large and powerful machine, suitable for demanding and heavy tasks in terms of both quantity and quality.

Comparing it with the electrical version the TTC1000 IDRA can handle even greater quantities of chips and tougher materials

The swarf loaded in the hopper is dismembered by a hooked arm which performs a pre-shredding and conveys the swarf to the actual crushing point. The skein is then shredded and discharged from below. If there is a non-shreddable piece that interferes with the process, the machine automatically ejects it from a side slot, controlled by a hydraulic cylinder.

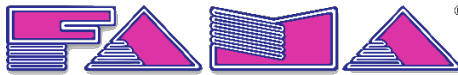
The unit is driven by a 30 kw hydraulic power unit .

### HOURLY PRODUCTION

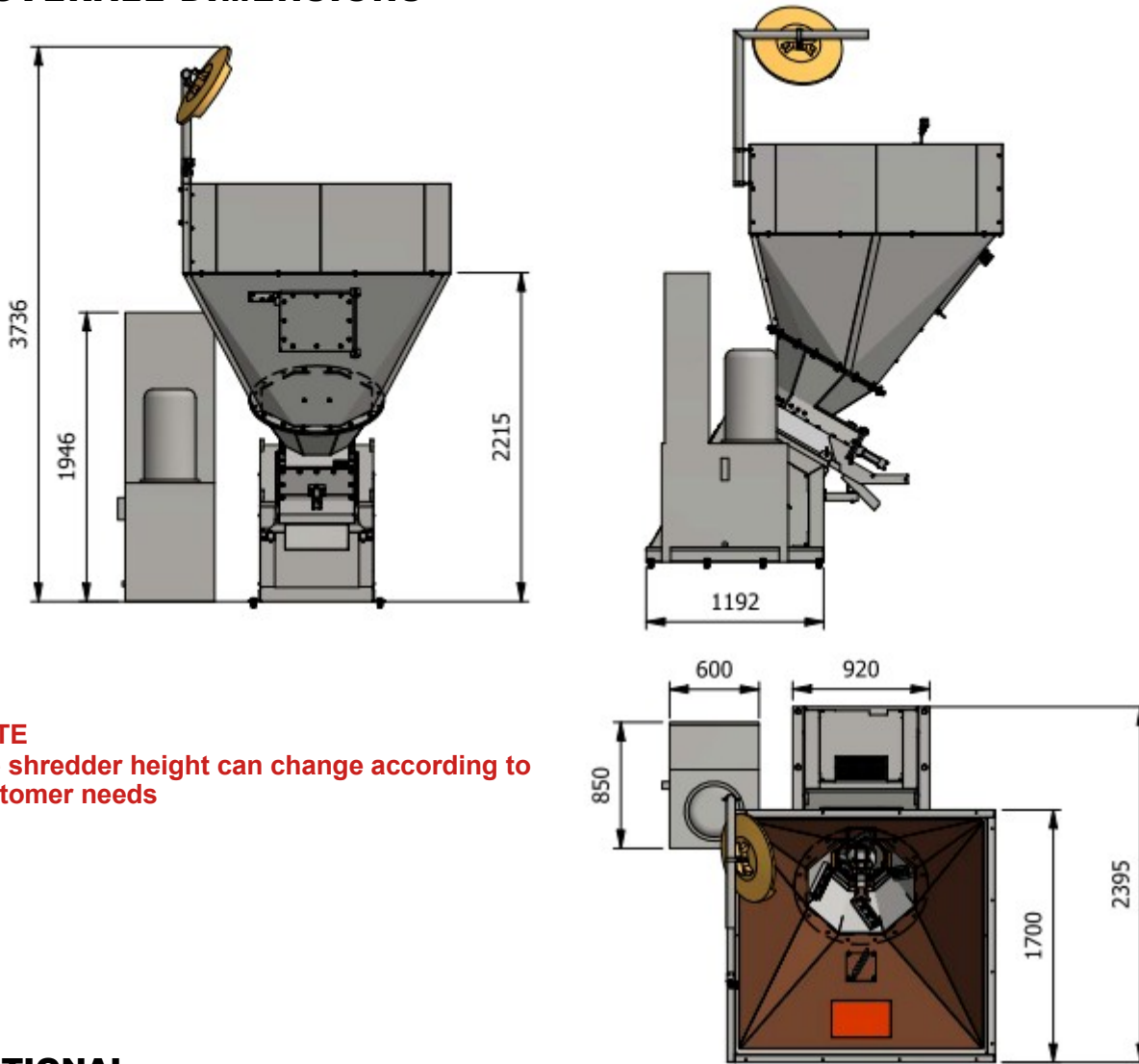
| Q = 2 m <sup>3</sup> /h | BRASS | STEEL | ALLUMINIUM | STAINLESS STEEL | COPPER |
|-------------------------|-------|-------|------------|-----------------|--------|
| Δ DENSITY [kg/dmc]      | 0,45  | 0,65  | 0,15       | 0,40            | 0,25   |
| Kg/h                    | 900   | 1000  | 300        | 800             | 500    |

THE DATA IN kg/h IS APPROXIMATE AND IN ANY CASE DEPENDS ON SWARF DENSITY , SHAPE, TYPE AND THICKNESS. THE DENSITY VALUES CONSIDERED ARE HYPOTHETICAL, BASED ON AN EXPERIMENTAL AVERAGE OF THE DATA IN OUR POSSESSION. PRIOR TESTS CAN BE PERFORMED

FAMA s.r.l. reserves the right to make changes to the product without notice



## OVERALL DIMENSIONS



**NOTE**  
The shredder height can change according to customer needs

## OPTIONAL

- Storage hopper for swarf loading, with inspection door;
- Automated hopper closure lid and consent microswitch;
- Electrical control panel.

## STORAGE HOPPER

Different types of hopper can be installed on top of the shredder, depending on the desired "buffer" volume and loading methods. Taking as example loading of 1m<sup>3</sup> trolleys from a forklift truck, the hopper is placed on the side.

As shown in the picture on the right, it is equipped with inspection door with safety microswitch and mechanical closure to access the shredding area.

If necessary (loading height less than 2.5 m) it is possible to install an automated closing system of the loading mouth, which prevents the shredder from working, when open.

