

## STANDARD GROUP



### DESCRIPTION

The **COMBI 43** compact group consists of the combination of a TTC range crusher and an FC range centrifuge. It is a treatment unit suitable for swarf contained in small and medium-sized bins that are discharged into the crusher hopper.

The long and coiled swarf, dirty with cutting fluid, is ground by the crusher and loaded into the centrifuge by means of a scraping conveyor. The cutting fluid recovered from the centrifuge is stored inside a collection tank.

- The unit is able to work even if the swarf contains pieces, as the crusher is equipped with an automatic ejection system.

- The unit is mounted on a palletised platform to make it easier to handle, except for the centrifuge which is positioned on an external structure to facilitate positioning of the unload trolleys. The unit is delivered ready for use as it is wired and complete with an electrical control panel. The **COMBI 43** treatment group is also available in the custom version to meet your space requirements.

### SUPPLY

- Palletised base with containment sideboard
- TTC400 model crusher with 5.5 kW electric motor / TTC400IDRA model crusher with 11 kW hydraulic motor and control unit, with load hopper and mirror
- Ejected pieces separation vibrating screen
- Centrifuge load scraping conveyor, with swarf control level sensor
- Cutting fluid collection tank, standard version / self-cleaning dredging version, complete with centrifuge washing pump, neat oil booster pump a few meters away and level sensor
- FC300 model centrifuge with support structure
- Electrical control panel

### OPTIONAL

- Bin lifter
- Forklift bumper



PLUG & PLAY



COMPACT

4.0

INDUSTRY 4.0  
READY



EASY  
MAINTENANCE



CONFIGURABLE

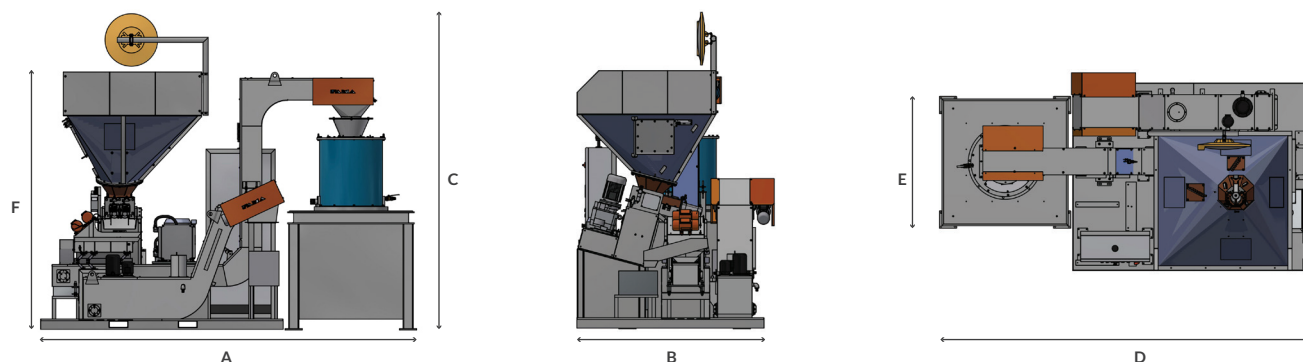
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Uffici e Produzione/Offices and production site: Via Moraro, 19 - 36030 Montebelluna Precalcino (VI) Italy- Tel.+39 0445 363950 fax +39 0445 386068

Sede Legale/ Registered office: Via S. Antonio,11- 36030 Fara Vicentino (VI) Italy C.F./P.I.: IT 02290490248 Cap. Soc. € 100.000,00 R.E.A. VI 220095

[www.famaproject.com](http://www.famaproject.com) e-mail [info@famaproject.com](mailto:info@famaproject.com)

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### DIMENSIONS

<b>A</b> - GROUND LONG SIDE SPACE	3900 mm
<b>B</b> - GROUND SHORT SIDE SPACE	2150 mm
<b>C</b> - MAXIMUM HEIGHT SPACE	3950 mm
<b>D</b> - MAXIMUM LENGTH SPACE	4150 mm
<b>E</b> - INMAXIMUM WIDTH SPACE	2200 mm
<b>F</b> - HOPPER LOADING HEIGHT	2700 mm

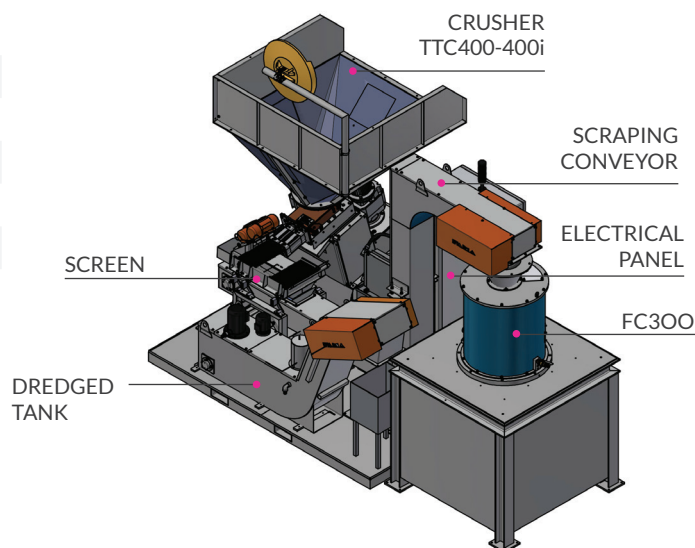
### HOURLY PRODUCTION

Q = 0,6 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	270/500	300/500	90/180	240/500	150/500	-

The data in kg/h are approximate and in any case depend on the density of the swarf, the shape, the type and the thickness. The density data considered are hypothetical, based on an experimental average of the data in our possession. It is preferable to avoid a situation whereby there is swarf inside the hopper in a quantity above 150-200 lt.

### TECHNICAL DATA - COMBI 43 - 43D - i43 - i43D

WEIGHT	3200-3400 kg
POWER	10,5 kW
POWER SUPPLY	400V 22A
SWARF HOURLY FLOW RATE	100/400 Kg/h
HOPPER LOADING VOLUME	400 l



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