

## HS-F 1000

### Technical data

<b>Model</b>	<b>HS-F 1000</b>
<b>Colour</b>	RAL 5007 / 7035
<b>Lettering</b>	English
<b>Instruction manual</b>	1 Set english
<b>Weights and Dimensions</b>	
<b>Dimension machine (LxWxH)</b>	Approx. 1300 x 1000 x 1900
<b>Weight machine</b>	Approx. 2200 kg
<b>Power supply and consumption</b>	
<b>Voltage</b>	3 x 400 V, 50 Hz
<b>Neutral conductor</b>	Not required
<b>Power consumption</b>	Approx. 20 kVA
<b>Cable connection at the machine</b>	
<b>Location</b>	At the bottom of the machine
<b>Compressed air supply and consumption</b>	
<b>Pressure</b>	Min. 5 bar, max. 10 bar
<b>Consumption</b>	Approx. 750 dm <sup>3</sup> N per sample
<b>Connection sleeve</b>	Nominal diameter 19 mm
<b>Sample clamping device</b>	
<b>Type</b>	2 parallel clamping jaws, self-centering
<b>Clamping region diameter</b>	Min. 30 mm, max. 55 mm, other on request
<b>Clamping region thickness</b>	7-60 mm, other on request

## Processed samples

<b>Material</b>	Steel, iron and non-ferrous
<b>Form</b>	Round, oval, double thickness after pin cutting, square samples with two parallel clamping faces
<b>Sample hardness</b>	Max. 65 HRC depending on the cutting tips

## Processing parameters

<b>Cutting depth</b>	Max. 2 mm programmable in steps of 0,05 mm
<b>Processing cycle duration</b>	Depending upon the program approximate 20 to 40 sec.

## Processing programs

<b>Numbers</b>	16, more on request
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## Sample cooling

<b>Cooling type</b>	By means of cooling nozzles
<b>Cooling media</b>	Compressed air

## Sample input and discharge

<b>Input method</b>	Manual at the supporting point  Optional with a linear transport or robot system
<b>Discharge method</b>	Manual at the supporting point  Optional with a linear transport or robot system

## Options

<b>De-burring</b>	Of round samples
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<b>Automatic tool changer</b>	Up to 4 milling heads in the system
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**Automatic sample handling**

Side loading: robotic or linear access from the side

Back loading: robotic or linear access from behind

**CCU**

Chip collecting unit for CNS – Analysis

**CCU incl. turntable magazine**

As above but with 6 position magazine

**Camera**

Installed inside the machine for the detection of failures on the surface

**Waste chip transport**

For automatic discharge of waste material

**Compressed air service connection**

For compressed air pistol/ vacuum cleaner

**Anti-Vibration feed**

For further vibration reduction

The design of the machine complies with the applicable accident prevention and VDE regulations.

We reserve the right to make technical modifications.