

HS-CF

Technical data

Colour:	Blue/ white, RAL 5,007/ 7,035
Labelling:	English
Operating manual:	1 copy, English

Dimensions: 2,500 x 1,200 x 1,835 mm

Power supply and consumption:

Voltage:	400 V, 50 Hz, 3-phase AC, or customized
Central point conductor:	Not required
Power Input:	Approx. 20 kVA

Compressed air supply and consumption:

Pressure:	Min. 5 bar, max 10 bar
Consumption:	Approx. 1,000 dm ³ / N per sample
Connection sleeve:	ND = 19 mm

Suction:

Location:	Back of the machine
Diameter:	OD = 120/ ID = 115 mm
Capacity:	15 m ³ / min at 2,100 Pa

Electrical switch cabinet:

Programmable controller:	Simatic S7
Control voltage:	24V DC
Protection class:	IP 44
Insulation class:	B

Processing parameter:

Milling depth:	2 mm, infinitely adjustable
Processing cycle duration:	Depending on program, 25-90 s
Number of processing programs:	16

Samples for processing:

Material:	Steel and iron
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Form:	Without handle, round, oval, conical and cylindrical with 2 parallel clamping surfaces and samples with mount.
Diameter:	Min. 30 mm, max. 60 mm
Sample hardness:	Max. 65 HRC dep. on milling plates and material properties
Temperature:	Max. 800°C

Clamping device:

- > Type 2 parallel clamping jaws
- > Diameter max. 60 mm, min. 30 mm
- > Thickness/ height 7-60 mm

Cooling of samples:

Type of cooling:	Cooling injector and/ or water
Cooling medium:	Compressed air and/ or water

Water consumption:

Water pressure:	Min. 3 bar, max. 10 bar
Consumption:	3l/ sample

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

We reserve the right to make technical modifications.