

Bead One HF

Technical data

Model	Bead One HF
Colour	Blue / white RAL 5007 / 7035 / 7005
Dimensions and Weight	
LxWxH	800x670x790mm
Weight	ca. 140kg
Power supply and consumption	
Voltage	400 V, 50 Hz, 3/N/PE; CEE 32A
Power consumption	6.5 kVA
Protection class	IP50
Control system and Panel	
Controller	Siemens S7
Panel	Touchpanel 4"
Language	German/English
Fusion process	
Number of definable programmes	16
Number of definable steps per programm	Up to 10 Parameter: <ul style="list-style-type: none">- Temperatur- Homogenization- Cooling time
Temperature range crucible	385 – 1300 °C
Temperature range dish	200 – 1200°C
Heating of crucible and dish	Simultaneous

Connections

Cabel

Terminal

Compressed air

Not required

Exhaust air stuf

Top of the machine; DN=80mm

Cooling water; inlet/outlet

2x hose nozzle; NW9mm

Cooling water supply

Cooling water

min. 2l/min

Inlet pressure

min. 4bar, max. 6bar, cooling water supply directly to the machine

Temperature

20°C – 30°C

Bead diameters and cooling

Diameters

29, 32, 34 and 39mm

Cooling

Electrical fan

Input/output

Crucible, dish, bead

Manual

Options

- Temperature measuring of the dish
- Separate ultrasonic cleaning device
- Separate chiller for water