



DynamicalTools

3D PRINTING

HT45

Redefining the FFF limits



HT45 High Performance

Printing of high temperature materials: PEEK, PEI, Metal filaments

HT45 is a FFF technology 3D printer with a series of mechanical and thermal characteristics that make it possible to print the most demanding materials by the industry.

All material printing



Affordable technology



High temperature



Professional tool





- Print volume **450 x 300 x 300 mm**
- Printer size **1200 x 780 x 1750 mm**
- Precision Z axis: **1,25 microns**
- Precision XY axis: **12 microns**
- Max. extruder temperature **500°C**
- Max. environment temperature **200°C**
- Ready to print **PEEK, PEI, Metal Filaments**
- Nozzle diameter **0,6 mm**
- Other available diameters **0,2 / 0,4 / 0,8**
1 / 1,2 mm





Titanium thermal barrier

Automatic filament change

Heated feeder

Jam detection

End of filament detection

Printing recovery system

Liquid refrigeration

Double tempered glass

Vacuum fixed base

Extruder height automatic
regulation

Positioning controlled by encoder

220-240 V, 50-6- Hz

Maximum consumption 3kW/h

7"LCD touch screen

Remote Monitoring

Connectivity: Ethernet, USB

UPS Accommodation

**MMS System-Modular maintenance
system**



HT45 3D printer

PEKK printed part before annealing



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High temperature materials

With our **HT45** 3D printer you can print
PEEK, PEKK, PEI, PPS, Metallic filaments

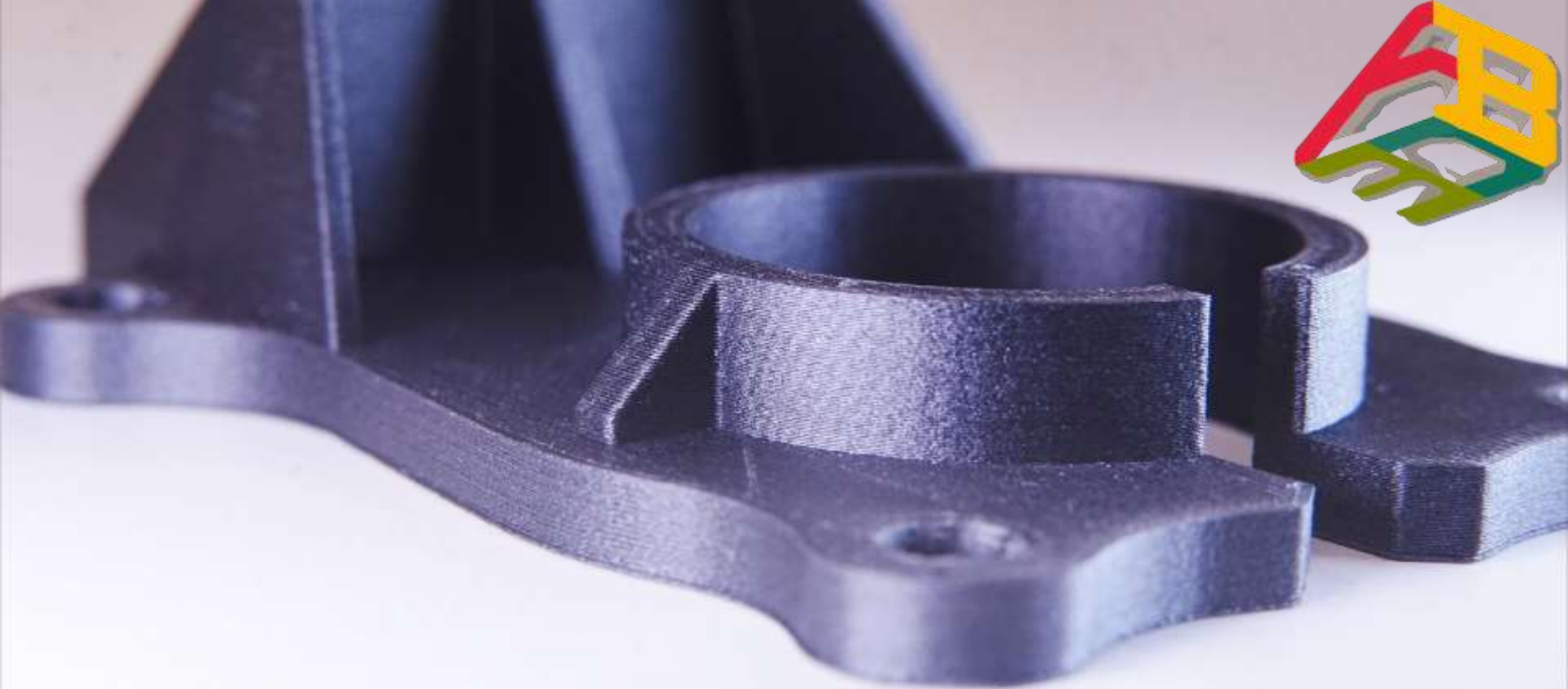


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PEEK+CARBON FIBER

Great layer adhesion & surface finish



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