



DynamicalTools
3D PRINTING



HT45

Redefining the FFF limits

All material
printing



Affordable technology



High temperature



Professional tool



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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.

- 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
- Extruder height automatic regulation
- Heated feeder
- Jam detection
- End of filament detection
- Printing recovery system
- Liquid refrigeration
- Double tempered glass
- Vacuum fixed base
- Positioning controlled by encoder
- Automatic filament change

220 - 240 V, 50-60 Hz
Maximum consumption 3 kW/h
7" LCD touch screen
Remote monitoring
Conectivity: Ethernet, USB
UPS Accomodation
MMS System - Modular maintenance system