



GEARBOX HT2 BY 3DXTECH®

High-Performance 3D Printer

HT2.0 Features

Designed to print industrial materials including PEKK, PEEK, Ultem™ PEI, PPA, PC, PA, PET, ASA, and ABS

Hardened drivetrain designed for printing abrasive carbon fiber and glass fiber composite materials

Dual high-temp extruders 475°C

Actively heated build chamber 225°C

Large build volume 18 x 18 x 32 in

Onboard storage of up to 16kg of filament in heated and dried bays



**MADE
IN THE USA**

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Technical Specifications

Printing Technology
Build Volume
Heated Build Chamber
Number of Extruders
Extruder Temperature
Print Bed Type
Print Bed Surface
Filament Diameter
Onboard Filament Capacity
Filament Storage

Model Materials

Support Materials

Specialty Grades

Print Speed
Nozzle Sizes
Resolution [Theoretical]

Mechanical Actuation
Bed Leveling
Slicer
Control Panel

External Dimensions
Printer Weight
Power Requirements

Manufacturing Location

Gea™ rbox™ HT2.0

Fused Filament Fabrication [FFF]
18 x 18 x 32 in [457 x 457 x 813 mm]
Up to 225° C
2 [Model and Support]
Up to 475° C
Vacuum Plate
Removable Plastic Build Sheet
1.75mm [Open Source]
16 kg [4 x 4 kg Reels]
Heated and Actively Dried Bays

PEEK, PEKK, PEI [Ultem™], PPA, HTN,
PA12, PA6, PC, PC/ABS, PET, ASA, ABS
Water Soluble, Break Away Supports
[Unlimited Open Source Options]
Carbon Fiber, Glass Fiber, ESD-Safe,
Flame Retardant

Up to 200 mm/s
Multiple [.2, .3, .4, .5, .75, 1.0 mm]
XY: ±.127 mm or ±.0015 mm/mm
(Whichever Is Greater)
High-Speed Servos
Automatic
Cura
7" Color Touch Screen

44.8 x 34.5 x 78 in
1450 lbs [657.7 kg]
240 VAC, 1 Phase, 60 Hz, 50 Amps
NEMA 6-50 Plug Provided With Printer

Grand Rapids, MI [USA]