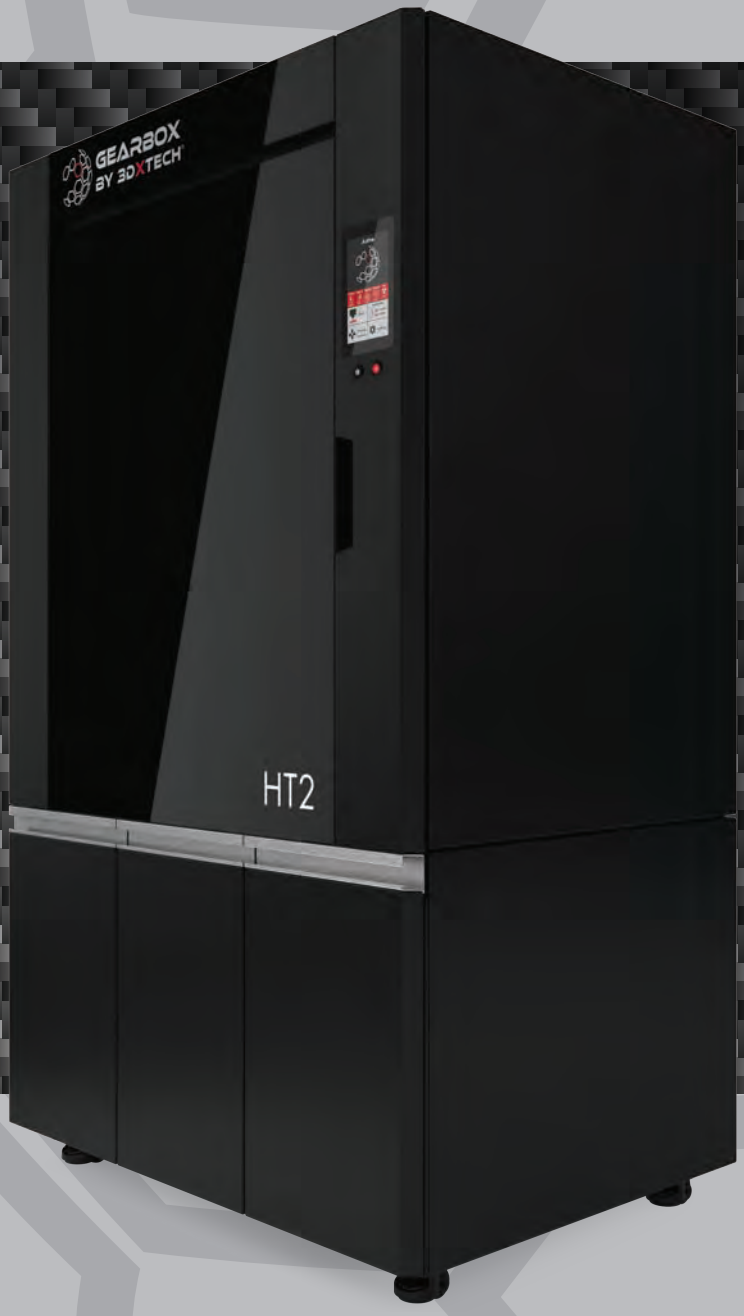
GEARBOX BY 3DXTECH®

HT2

GEARBOX™ HT2

Industrial High-Temperature 3D Printer



HT2 Features

- Designed to print Ultra-Performance Materials - including Carbon Fiber PEKK, PEEK, PEI, PC, and Nylon
- Dual high-temp extruders [475°C]
- Actively heated build chamber [120°C]
- Large build volume [18 x 18 x 32 in]
- Heated vacuum build platform [200°C]
- Holds 16 Kg of filament onboard in two heated and dried filament bays
- Updated library of print settings for popular 3DXTECH® materials
- Made in the USA

Available Q2 2020

Contact us at
info@gearbox3d.com
to reserve your printer

GEARBOX3D.COM

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Specifications

Printing Technology	Fused Filament Fabrication (FFF)
Build Volume	18 x 18 x 32 in [457 x 457x 812 mm]
Number of Extruders	2
Max Extruder Temperature	475°C
Build Chamber Temperature	120°C [Upgraded to 230°C Jan 2021]
Heated Print Bed Temperature	200°C
Model Materials	PEKK, PEEK, PEI, PPSU, PSU, PPS, PPA, PVDF, PC, PC/ABS, NYLON, ASA, ABS, and more
Designed for Abrasive Materials	Carbon Fiber, Glass Fiber
Specialty Grade Materials	ESD-Safe, Flame Retardant
Support Materials	Water Soluble, Break Away
Filament Capacity	16kg [4 x 4kg Reels]
Onboard Filament Storage	2 Heated & Dried Filament Bays
Filament Diameter	1.75mm [Open Source Materials]
Print Speed	Up to 200 mm/s
Nozzle Sizes [Hardened Steel]	1.0, 0.75, 0.5, 0.4, 0.35, 0.3, 0.25 mm
Resolution [Theoretical]	XY: ± .127 mm or ± .0015 mm/mm (whichever is greater) Z: -0.000mm/+slice height
Mechanical Actuation	High Speed Encoded Servos
Print Bed Surface	Vacuum Secured Build Sheet
Bed Leveling	Automatic Leveling
External Dimensions	45 x 34 x 78 in [114 x 86 x 198 cm]
Printer Weight	est. 1200 lbs [550 Kg]
Power Requirements	220 VAC, 1 Phase, 50/60 Hz, 50 Amps
Connectivity	USB, Ethernet
Manufacturing Location	Grand Rapids, Michigan [USA]