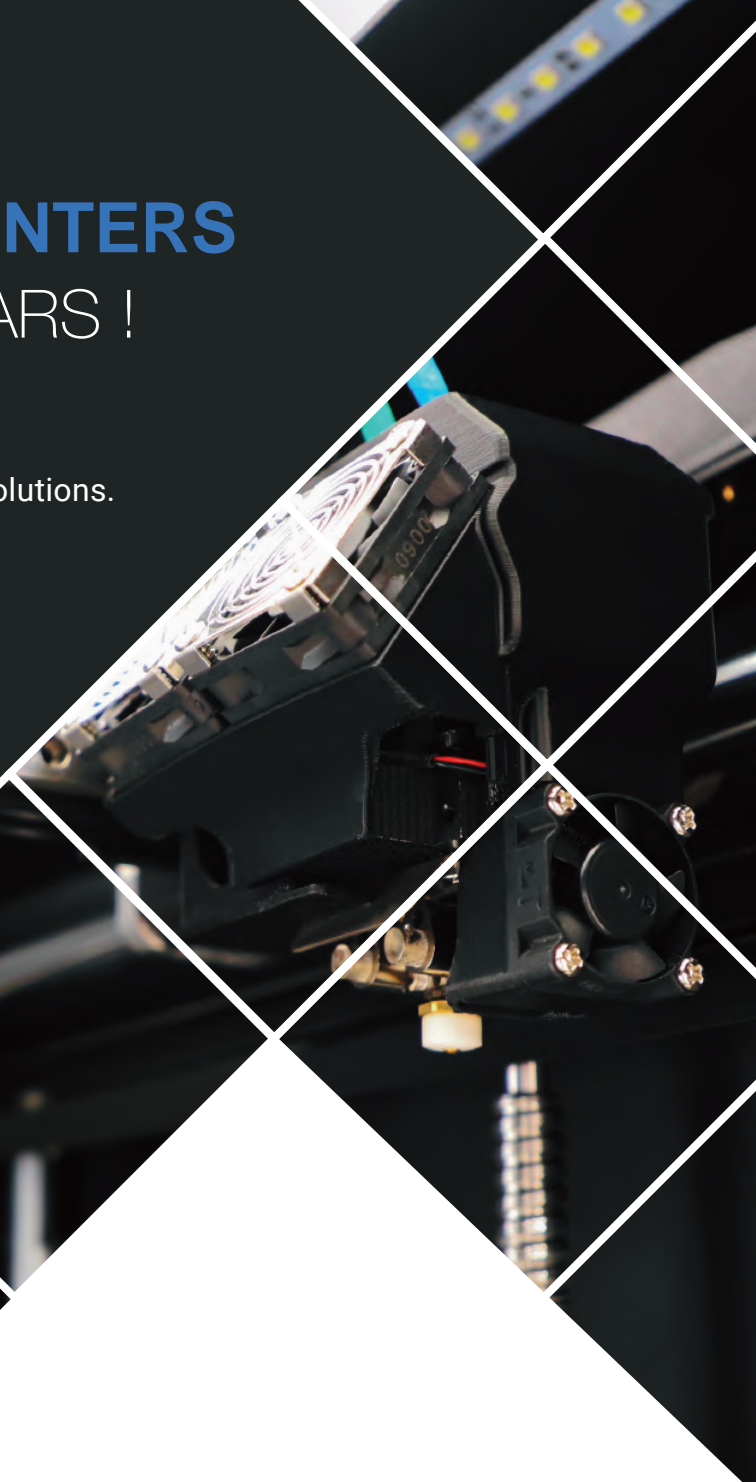# MAKING RELIABLE & AFFORDABLE 3D PRINTERS
FOR MORE THAN 30 YEARS !

Tiertime

Industrial Grade 3D Printing Solutions.
Superior ABS Performance.
Environmentally Safe
for Offices and Schools.

POWERFUL | RELIABLE | AFFORDABLE

Industry   Medecine   Education   Design   Fablab   Architecture

ABOUT TIERTIME :

With experience spanning over a couple of decades, Tiertime has been offering a wide range of digital manufacturing solutions across major sectors of activity such as education, industry, medicine, fablabs, and architectural firms.

With great reliability and precision, each 3D printer of the brand has been designed for an intended sector and guarantees to meet the needs of the most demanding professionals ranging from prototyping to serial production.
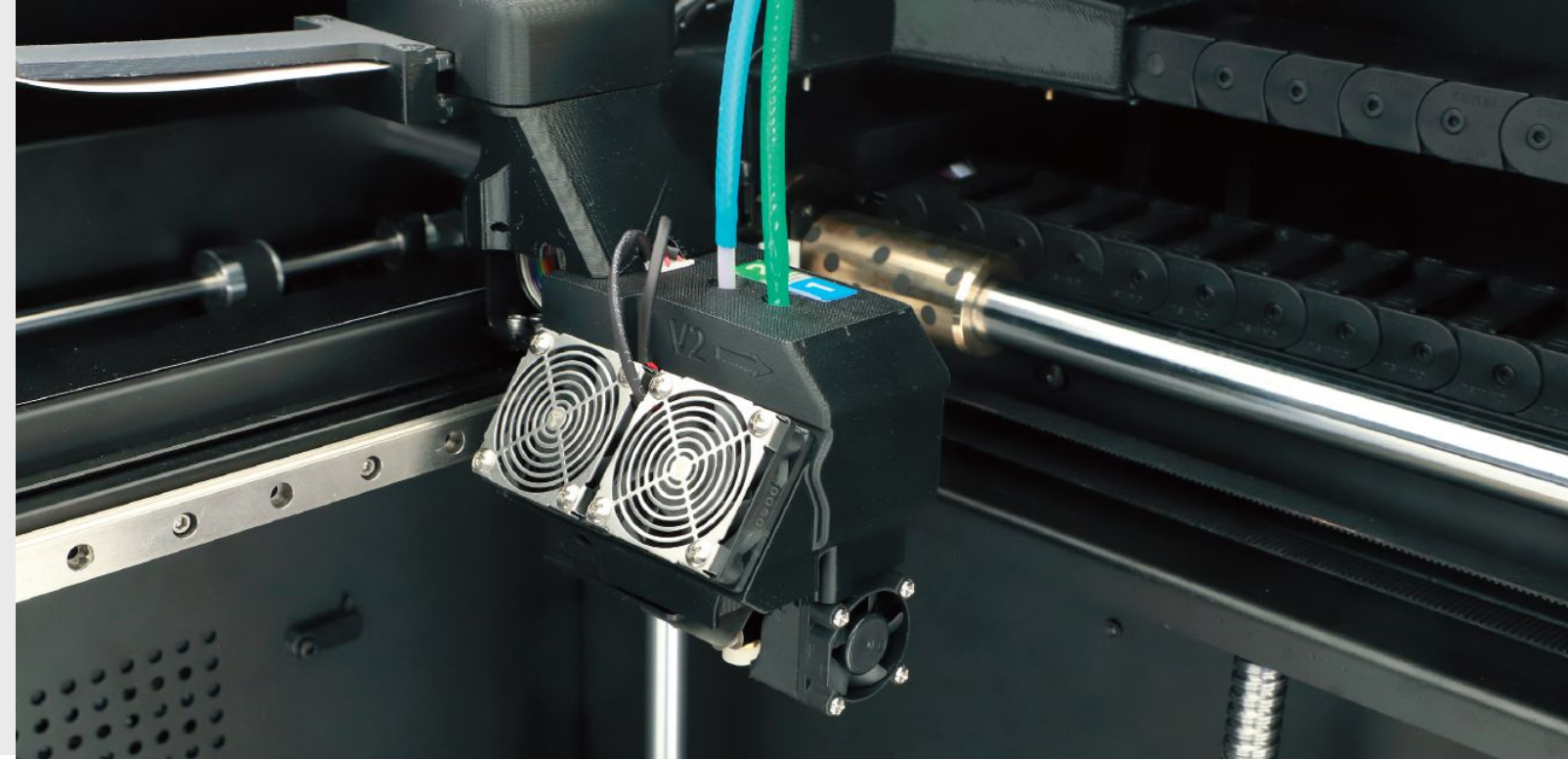
As it works for continuous improvement to better serve the customer, Tiertime has established itself as one of the leaders in the additive manufacturing industry.

MEET UP WITH THE
UP600/D

The UP600/D industrial 3D printer one designed to tackle very large print jobs with the same ease and precision you have come to expect from other Tiertime printers. It can accurately produce sizable 3D printed parts at an industrial scale. Applications include: engineering, prototyping, short-run production, one-off fabrication, large scale-modeling, medical, R&D, education, prop manufacturing, architecture, and industrial tooling.

▶ Large Format

At 400 x 500 x 600 mm, the UP600's build volume is more than twice as large as that of the UP300. It is capable of printing objects 15.7 inches wide by 23.6 inches tall by 19.7 inches deep with a liquid volume of 120 liters or more than 31 US gallons.

▶ Extruder supporting ABS performance

Support more industrial filaments with temperature for both single extruder and convergence dual extruder for more industrial applications.
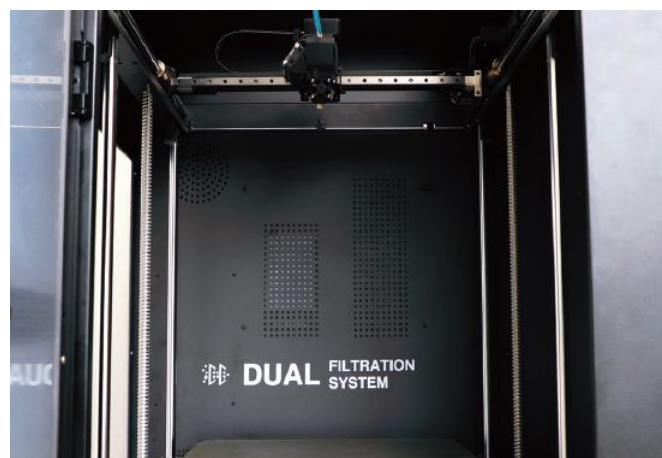
▶ Heated Build Chamber

Objects are printed inside a heated build chamber to minimize deformation caused by high temperature plastic cooling too quickly and absorbing naturally occurring airborne moisture in the process.

▶ Connectivity

Connectivity options include Wi-Fi, Ethernet, USB cable, and USB memory stick. Multiple users on a network can send tasks to the printer, which can be monitored and managed via the Tiertime Print Queue.

▶ Dual Air Filtration

The UP600 incorporates Tiertime's two-stage HEPA and activated carbon air filtration system, providing maximum UFP and VOC reduction for a safe operating environment.

Specifications

Printing Technology	MEM (Melting Extrusion Modeling)
Build Volume	400 x 500 x 600 mm (15.7" x 19.7" x 23.6") (XYZ)
Nozzle Diameter	0.4mm, 0.6mm
Extruder	Single/Support Convergence
Extruder Temperature	< 300°C
Extruder Max. Travel Speed	< 200mm/sec
XYZ Accurency	7, 7, 1.5 micron
Connectivity	USB, Wi-Fi, Ethernet and USB Stick
Touch Screen	7 inch(TFT-LCD), Linux System, 16G
Printed Object Accuracy	± 0.1 mm/ 100 mm
Calibration and Leveling	Semi-Automatic
Layer Resolution	0.1/0.15/0.2/0.25/ 0.3 /0.35/0.4 mm/ User Defined
Heated Magnetic Build Plate	Flexible Steel Plate/UP Perf
Dual Filtration System	HEPA and Activited Carbon Filters
Pause to Change Filament Type	Yes
Filament	UP Fila ABS, ABS+, PLA, TPU and more
Filament Diameter	1.75 mm
Filament Spool Compatibility	2 Kg
Compatible for 3rd Party Materials	Yes

Software

Software	UP Studio 3
Supported OS	Windows Mac OS X
Importable File Formats	.up3, .ups, .stl, .obj, .3mf, .ply, .off, .3ds, .gcode

Special Features

- Heated Filament Compartment*
- Tiertime Print Queue
- Power Loss Recovery
- Filament Runout Protection
- Powerful Support Structure

Dimensions

Machine Dimensions
750 x 1150 x 850 mm

Net Weight
120 kg

Environment

Operating Amblent Temperatures
0 - 30°C, 0 - 40% RH

Requirements

Power Input
110 - 240 VAC. 50-60 Hz. 360 W

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