# X5
## Short-Run Workhorse
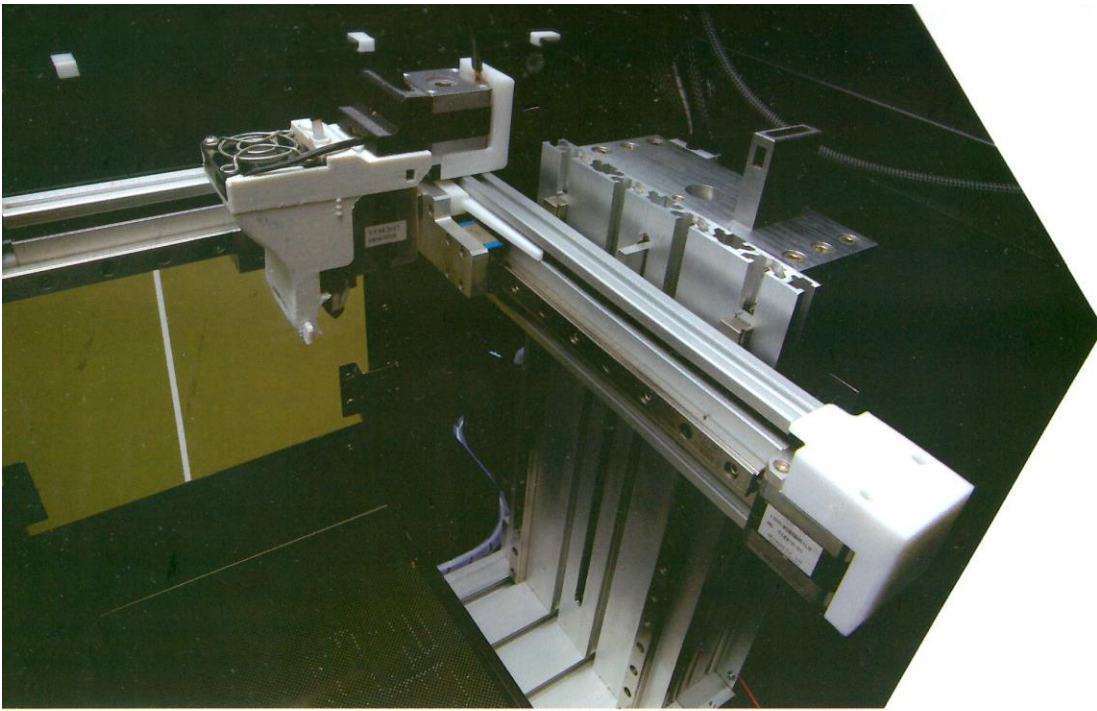


▶ Auto-Swapping Build Plate + Tiertime Print Queue

▶ 7-Inch LCD Touchscreen and Clear Top Cover

▶ Dual Filtration System

▶ Three USB Ports

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Designed and Manufactured by Tiertime Corporation

The X5 is a breakthrough in 3D printing, designed from the ground up for low-volume manufacturing. Capable of automatically feeding up to 12 print beds onto its build plate and reloading during printing, it provides a continuous 3D printing experience.

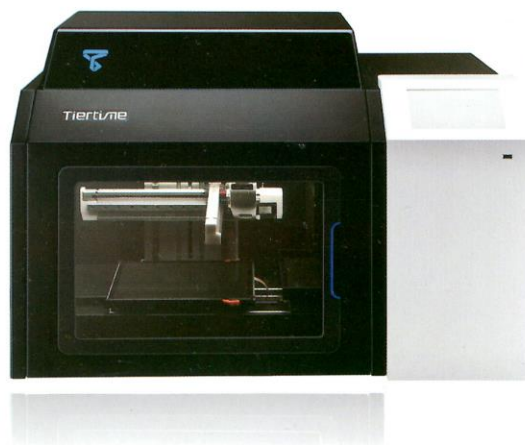## Auto-Swapping Build Plate + Tiertime Print Queue

Featured with an auto-swapping print bed system, automatically loading fresh print plates onto the build bed after the previous print job is complete. Thanks to the new Tiertime Print Queue, the result is a software-controlled, multi-part production solution.

### Touchscreen and Clear Top Cover

7" LCD screen reports print queue progress and the printer's transparent top makes visual build confirmation effortless.



### Extra USB Port

For optional add-ons, such as a USB camera for remote print monitoring.

www.tiertime.com

## Dual Filtration System

The X5 includes Tiertime's 2018 air filtration system, specifically designed for large build chambers. Air is recirculated through separate HEPA and activated carbon filters, radically reducing toxic UFP and VOC emissions.

Activated Carbon Filter

HEPA Filter

## Specifications

| | |
|---|---|
| Printing Technology | MEM (Melted Extrusion Modeling) |
| Extruder | Single |
| Nozzle Diameter | 0.4 mm |
| Extruder Maximum Temperature | 299℃ |
| Extruder Maximum Travel Speed | 200 mm/sec |
| XYZ Accuracy | 2, 2, 0.5 micron |
| Connectivity | USB cable, Wi-Fi, LAN and USB Stick |
| Touch Screen | 7" Full Colored LCD Screen |
| Build Volume | 180 x 230 x 200 mm (7.1" x 9.1" x 7.9") (XYZ) |
| Printed Object Accuracy | ±0.1 mm/ 100 mm |
| Calibration and Leveling | Manual Calibration and leveling |
| Layer Resolution | 0.05/0.1/0.15/0.2/0.25 /0.3/0.35/0.4 mm |
| Print Surface | UP Perf, Heated |
| Dual Filtration System | HEPA and Actived Carbon Filters |
| Pause to Change Filament Type | Yes |
| Filament | UP Fila ABS, ABS+, PLA, TPU and more |
| Filament Diameter | 1.75 mm |
| Tiertime Print Queue | Yes |
| Filament Spool Compatibility | 500 - 2000 g |
| Filament Spool Holder Compatibility | 500 - 1000 g |
| Compatible for 3rd Party Materials | Yes |

## Software

**Software**
UP Studio

**Supported OS**
Windows 7 SP1 or later
Mac OS X, iOS 8.x/9.x

**Importable File Formats**
up3, .ups, .stl, .obj, .3mf, .ply, .off, .3ds, .gcode

**Preview Support Structures**
Yes

**Editable Support Structures**
Yes

**Cloud Based Print Settings**
Yes

## Dimensions

**Machine Dimensions**
850 x 625 x 520 mm
(33.5" x 24.6" x 20.5")

**Net Weight**
50 kg

## Environment

**Operating Ambient Temperatures**
15 - 30℃, 20 - 70% RH non

## Requirements

**Power Input**
110-240 VAC, 50-60 Hz, 220 W