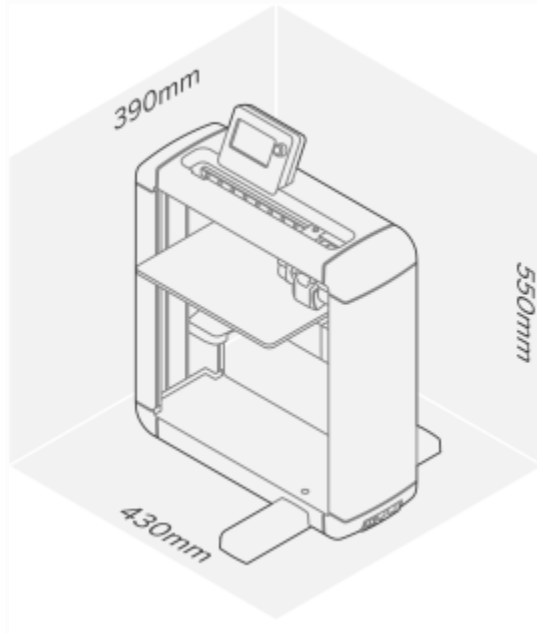


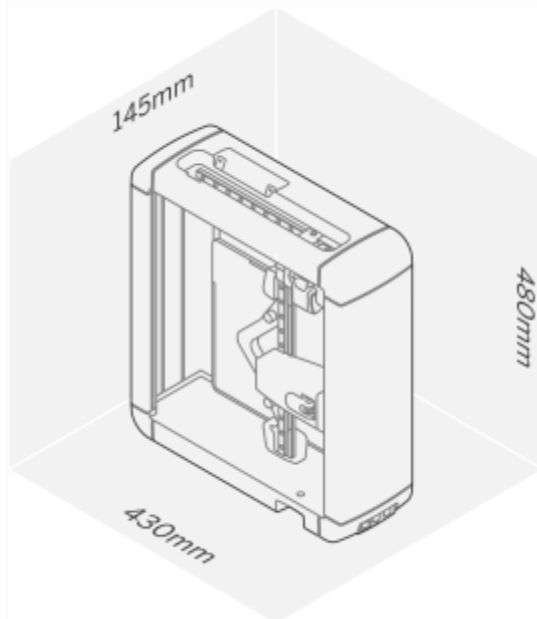
Printer Name

FELIX Pro 3

Dimensions and Weight



430 x 390 x 550 mm



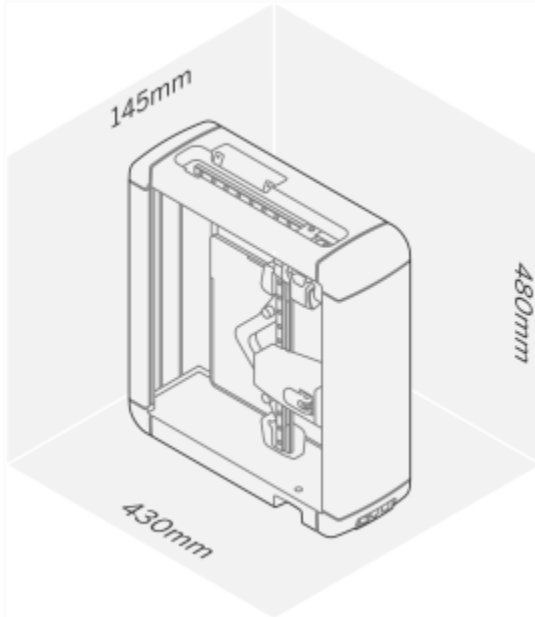
430 x 145 x 480 mm

Weight

11.5 kg

Build Volume

Size (X, Y, Z)



235 x 244 x 235 mm

Printer and printing properties

Print Technology

Fused Filament Fabrication

Layer resolution

Layer resolution

Low

250micron

Normal

200micron

High

100micron

Extreme

50micron

Build plate

Quick swap, magnetic flexplate. Upto 105 °C

Build plate leveling

Fully automatic motorized

Print head

Quick swap hot-end

Build speed

0.35mm nozzle upto 18 mm<sup>3</sup>/s  
(ABS @ 250°C)

Print head travel speed

Up to 450mm/s

Filament feeder type

Direct geared extruder

Nozzle diameter

0.35 standard. Optional 0.5 and 0.7mm

Nozzle amount

2 nozzles, with intelligent dual head nozzle system.

XYZ resolution

XY, 1.6 microns

Z: 0.15 micron

XYZ typical print accuracy

+/- 0.1mm for objects up to 100mm

Nozzle temperatures

Up to 275 °C

Nozzle heatup time

Approx 30s, 25 to 200 °C

Buildplate heatup time

Approx 1.5min, 25 to 60 °C

Operation sound level

34 dBA

**Materials**

System

Open filament system, use filament from any supplier

Filament diameter

1.75mm

Supported materials

Recommended: PLA, PETG, ABS-X,PVA

Specials: Any filament which melts under 275 °C

Requirements

Software

Simplify3D

Repetier-Host for FELIXprinters, freely downloadable  
(open source)

Supported OS

Windows 7 and upwards

Mac OS X

Linux (repetier-host)

Supported file types

STL, Obj, 3MF

Printer communication **(standard)**

USB serial

Standalone via micro SD card (included)

## Printer communication (**Touchscreen**)

USB stick

WIFI

Wired Ethernet

Operating ambient temperatures

15 to 32 °C

60 – 90 °F

Storage temperatures

0 to 32 °C

Input

100 – 240V

4A, 50-60Hz

221 W max.

Output

24 V DC, 9.2 A

## Service and support

Warranty

12 month limited warranty. (Wearable parts not included like hot-ends)

Lifetime support

Expert technical support via email, phone and skype.  
Also our global community is available to help you.

Extended support

Online support pages, our knowledgebase and clear manuals, tips and tricks to get the most out of your printer.

Safety and compliance

Download CE declaration of conformity

Included in the box

- Small tool kit
- Power Supply unit
- AC Power supply cord
- USB cable
- Micro SD card,
- Micro SD USB card reader
- 12 month warranty
- QuickStart Guides