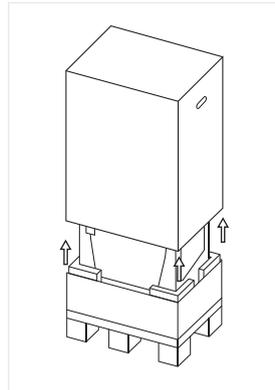# Quick Start Guide

BCN3D Epsilon Series

We would like to thank all users for trusting BCN3D, for helping us to reach our dreams and to create a better product every day.
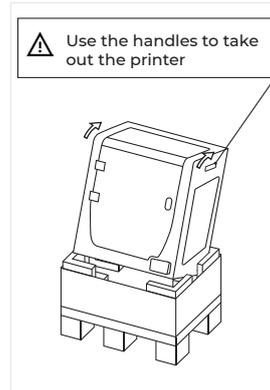
1. Unboxing

The printer is heavy and therefore this step needs to be performed by two people. Make sure that the table where the printer is being installed, is close enough.
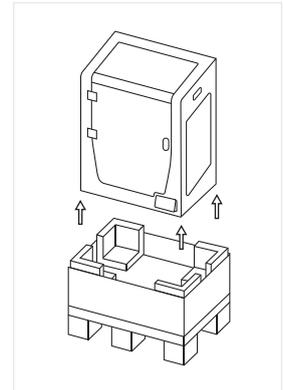
⚠ Retain packaging, and pallet for warranty service.

⚠ Use the handles to take out the printer

1. Cut the straps and remove the top box and the plastic bag containing the printer.
2. Lean the printer backwards holding it from both side handles and the front-bottom.
3. Lift with care and place it on the table.

2. Set up

Remove protections

• Remove the blue sticker from the door to open it.
• Remove all the protective foam inside the printer. There are three on the carriage and one under the printing surface.
• Finally, remove the protective films from the covers, door and side panels.

Install printing surface

• Take the glass printing surface from the bottom tray.
• Pivot the spring clips away from the aluminium platform.
• Place the glass printing surface on top of the aluminium platform.
• Insert the glass with light force into the back spring clips.
• Fix it with the left and right spring clips.

⚠ The glass printing surface glass must be handled with care. In case of breakage, it may cause injuries.

Filament spool setup

Take the spools from the bottom tray and the 3D printed spool holders from the accessories box.

Internal spool feeding

Recommended when the spools fit inside the printer. The maximum recommended spool diameter is 200mm.

• Place the spool holders inside the printer.
• Open the filament box and remove the protective plastic.[1]
• Place the spool onto the spool holder.

External spool feeding

Recommended in case the spools exceed the 200mm diameter, or when the filament runs out and a new spool is needed.

• Place the external spool holders on the back of the printer.[2]
• Open the filament box and remove the protective plastic.[1]
• Place the spool onto the external spool holder

3. Using the printer

The BCN3D Epsilon Series can be used online or offline. However connecting the printer to the network is needed in order to register it and to use the BCN3D Cloud functionality.[3]

Online

Ethernet

- Take the ethernet cable out from accessories box.
- Connect the ethernet cable to the ethernet port at the back of the printer.
- Connect the other end of the cable to a network source.

Wifi

- Find the USB WiFi Dongle in the accessories box.
- Plug the USB WiFi Dongle into the USB port at the back of the printer.

Offline

SD Card

- Find the SD Card in the tool box, inside the upper box.
- Insert the SD Card into the SD Card slot at the front of the printer.
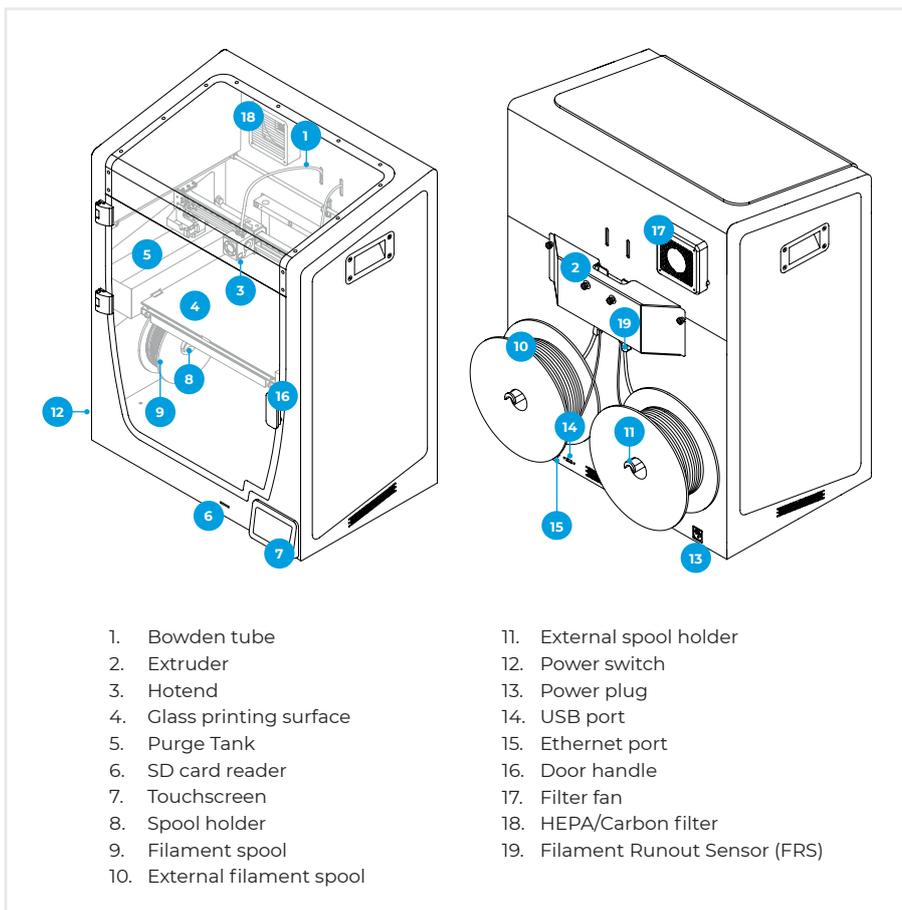
Turn on the printer

- Take the power supply cable out from the accessories box.
- Connect the power supply cable to the power socket at the back of the printer.
- Plug the other end of the cable into a wall outlet.
- Turn the printer on. The power switch is found on the left side of the printer.

Getting started

Scan the QR code to be guided through the Setup Assistant for network connectivity, loading filament and calibrating your printer.

Diagram

1. Bowden tube
2. Extruder
3. Hotend
4. Glass printing surface
5. Purge Tank
6. SD card reader
7. Touchscreen
8. Spool holder
9. Filament spool
10. External filament spool
11. External spool holder
12. Power switch
13. Power plug
14. USB port
15. Ethernet port
16. Door handle
17. Filter fan
18. HEPA/Carbon filter
19. Filament Runout Sensor (FRS)

(i) Information

[3] If you have the option, we recommend using the printer with an Ethernet connection as it is more stable than Wifi.

Getting started

Setup Assistant
Watch our video to see how to run the Setup Assistant

What is in the box?

- BCN3D Epsilon with 0.4mm hotends
- Glass printing surface
- 2 PLA spools
- 2 Spool holders
- Quick start guide
- SD card
- Ethernet cable
- USB cable
- Spatula
- 3 Allen key
- Pliers
- 10 Hotend Shims
- USB Wifi dongle
- Power supply cable
- Nylon cleaning filament
- Calibration gauge
- Magigoo glue stick
- Sample part

BCN3D Technical Assistance Services

If you do not find a solution to your problem in this manual, please contact the BCN3D Technologies support team through Contact Support.

BCN3D