

Kit content

The following is included in the printer delivery:

- printer
- power cable
- Ethernet cable
- remover box
- user guide
- Cleaning Kit

2 Setup

Specifications and workspace requirements

Specifications	<ul style="list-style-type: none">• Printer dimensions: width: 1150 mm, height: 600 mm, depth 500 mm• Printer weight: 125 kg• Build chamber dimensions: width: 160 mm, height: 140 mm, depth 200 mm• Printing speed: 2-3 mm/hour• Layer thickness: 0.1 mm• File formats: STL• Technical specifications: Rated voltage: 100 – 240 VAC Rated frequency: 50/60 Hz Rated current: 16 A max Fuse: 16 A
Workspace requirements	<ul style="list-style-type: none">• Network connectivity: Ethernet TCP/IP 10/100 base T• Grounded electrical outlet• Power supply: 220-240 VAC 50/60 Hz, minimum 7A dedicated circuit Rated current: 16A Minimum cross sectional area of conductors: 1,5 mm² (up to and including 16 A)• Operating temperature 15-35 °C• Humidity: 37-75% RH• Ventilation capacity: 2 m³/hour for printer
Placement	<ul style="list-style-type: none">• Place the printer on a stable, horizontal table that can support the weight of the printer (125 kg)• Place the printer in such a way that the power switch on the rear side of the printer is easily accessible• There should be a distance of 15 cm between the rear side of the printer and a wall• We recommend to not place the printer in an office environment due to noise and powder dust

Additional equipment

Computer

The printer is operated via a web-based interface on a personal computer. Use a computer with 1.5 GHz processor or faster, at least 2 GB RAM and an accelerated graphics device. Use a web browser that supports HTML5. We recommend Google Chrome 13 or higher, or Mozilla Firefox 9 or higher. For the best user experience, use a browser that supports WebGL and always keep your browser up to date.

Vacuum cleaner

When cleaning the printer, use an industrial vacuum cleaner with a:

- HEPA filter
- antistatic tube
- self-cleaning filter
- brush

Cleaning station

We recommend using a Blueprinter cleaning station to clean the printed parts, to facilitate powder reuse and avoid powder dust. When you clean the printed parts inside the cleaning station, using the powder blaster gun, excess powder is collected so that it can be reused.

Specifications	• Length: 600 mm, height: 1350 mm, depth 500 mm weight: 30 kg
Workspace requirements	• Power requirements: 220-240 VAC 50/60 Hz, 100W
Placement	• Place the cleaning station near a local exhaust with a capacity of 400 m ³ /hour

Compressor

The cleaning station needs to be connected to a compressor with a recommended minimum capacity of 8 bar/20 liter air tank.

Transport and handle the printer

The printer weighs approximately 125 kg. The printer is delivered on a pallet. Do not lift the printer manually. Use a fork lift or other lifting aids. Keep the printer horizontal during lifting. Use the **handles (1)** on each side of the printer to adjust the placement of the printer.



If you move the printer after the first installation, empty the powder containers before transporting the printer.

Setup the printer

Connect the printer to a grounded electrical outlet with the supplied power cable.