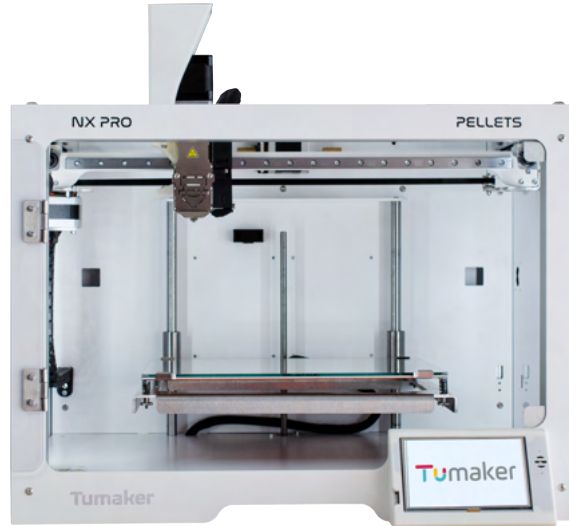


DATASHEET: NX PRO PELLETS



Printer Volume: 295x185x200 mm
 Printer Size: 550x440x460 mm
 Package Size: 605x501x500 mm
 Package Weight: 24 kg
 Printer Weight: 22 kg



Nozzle Diameter:
 0.4–0.6–0.8–2.0–4.0–5.0mm
 Maximum extruder temperature: 300°C
 Two temperature control points



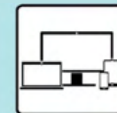
Pellets: Recommended size circular with 3-5mm diameter
 Printing speed: Depends on parameters



Connected to the internet
 Connectivity: USB, Wifi, Micro SD
 Optional: Ethernet



Energy Smart Management
 Power Rating: 500W
 Noise Level: 44dB
 (closed door, 40dB)



Display: 5" color touch screen
 Control devices: PC, tablet, Smartphone
 Control mode: Web



Layer resolution: 10µm
 Maximum Layer Height:
 0,8 nozzle: 0,6mm 2.0 nozzle: 1.6mm
 0,6 nozzle: 0.48mm 4.0 nozzle: 3.3mm
 0,4 nozzle: 0,3mm 5.0 nozzle: 4.1mm



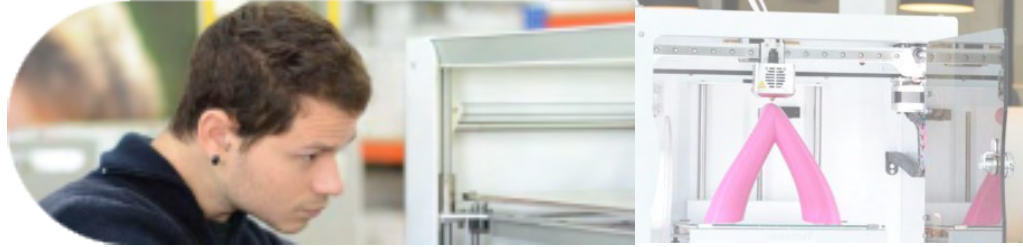
1 Year Limited Warranty



Heated bed: 100°C
 Build Plate Leveling:
 Automatic



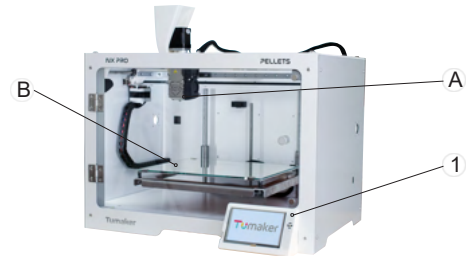
Simplify3D Professional Software



MAIN PARTS OF THE PRINTER

A HOTEND

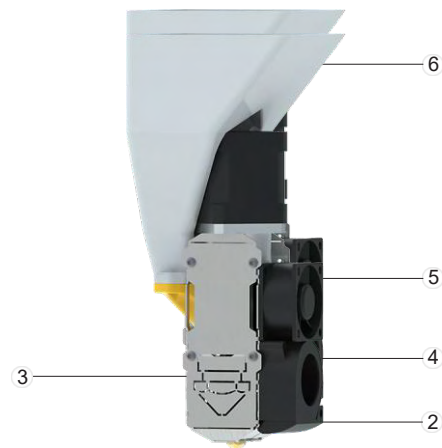
It moves in the X and Y axes by melting the pellet of material and depositing it on the platform or heated bed. It has a nozzle that heats up to the required temperature according to the corresponding printing material.



B PLATFORM OR HEATED BED

The printing happens on the surface of the platform; this one moves along the Z axis. Depending on the printing material, it must be heated to a different temperature.

The distance between the platform and the nozzle has to be perfectly calibrated for optimum printing



MAIN PARTS OF THE PRINTER

- | | |
|-----------|---------------|
| 1 Display | 4 Layer fan |
| 2 Nozzle | 5 Frontal fan |
| 3 Hotend | 6 Hopper |

