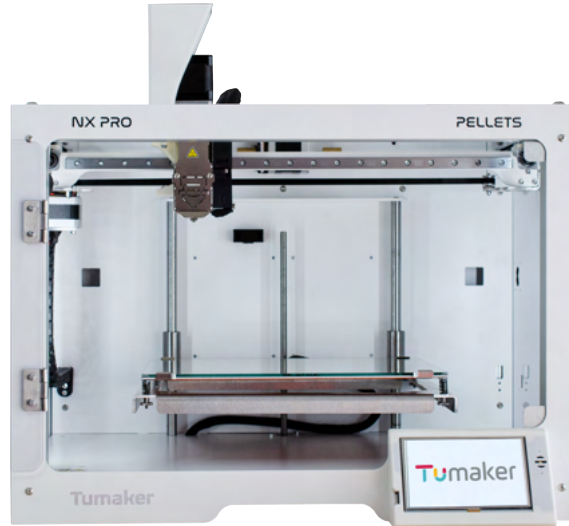


DATASHEET: NX PRO PELLETS



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
 * Only includes 0.8 mm nozzle
 Maximum extruder temperature: 350°C
 Two temperature control points



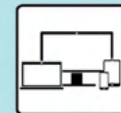
Pellets: (ABS) – (Catamold 316L) – (PA6 + 30% GF)
 – (PLA) – (PCL) – (ASA) – (PETG) – (PC+PBT) – (PC)
 – (LDPE) – (PEKK) – (PP) – (PP + 30% CF) – (SEBS)
 – (Soft TPU Sh18A) – (PEI Ultem) – (Ceramic Al2O3)
 – (PVC) – (ABS +CF) – (FLEXA 93) – (Wood) – (PA16
 + Ferrite) – (PA12 + Neodymium) – (PP + Mineral filler)
 – (Gilon BK-30) – (PPC 7712) – (SAN) – (PC/ASA) –
 (PC +20% CF) – (PA66 + 30% GF).



Connected to the internet
 Connectivitu: 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



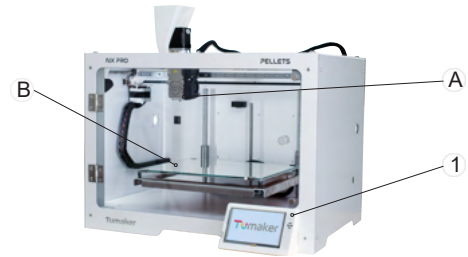
Simplify3D Professional Software



MAIN PARTS OF THE PRINTER

A HOTEND

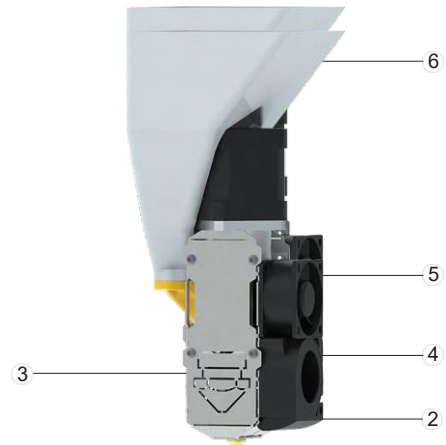
It moves in the X and Y axes by melting the pellet of material and depositing it on the platform or heated bed. It has a nozzle that heats up to the required temperature according to the corresponding printing material.



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 |

