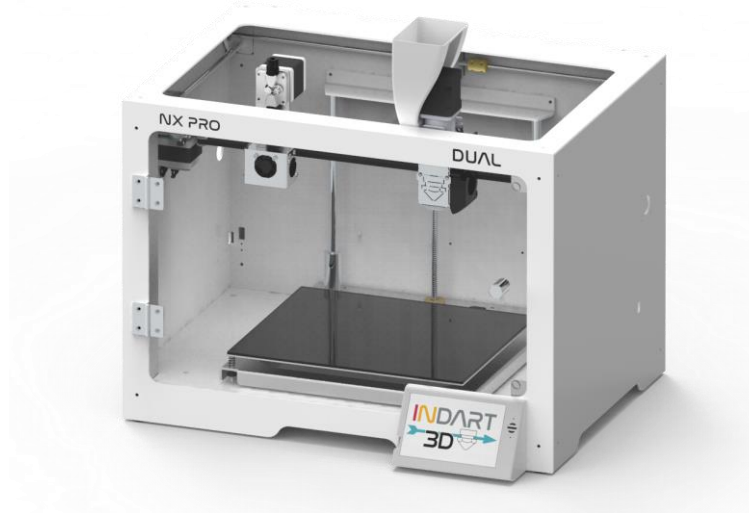


DATASHEET: NX PRO DUAL (DIRECT / PELLETS)



Printer Volume: 280x180x200 mm
 · Dual: 265x165x200 mm
 · Copy: 140x180x200 mm
 Printer Size: 550x440x410 mm
 Package Size: 605x501x500 mm
 Package Weight: 32 kg
 Printer Weight: 30 kg



Nozzle Diameter:
 0.2 - 0.4 - 0.6 - 0.8 - 1.2 mm
 Nozzle Temperature: 45°C - 300°C
 Pellet Diameter:
 0.4 - 0.6 - 0.8 - 2.0 - 4.0 - 5.0mm
 Two temperature control points Pellet



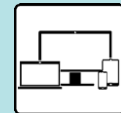
Materials: ABS, ASA, NYLON, PET-G,
 PLA, PP, XT-CF20, TPU, PLA-3D870,
 PVA
 Pellet: Recommended size circular with 3-
 5mm diameter
 Printing speed: Depends on parameters



Connected to the Internet
 Conectivity: USB, Wifi, Micro SD
 Optional: Ethernet



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



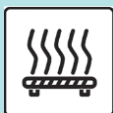
Display: 5" color touch screen
 Control Devices: PC, tablet, Smartphone
 Control Mode: Web



Layer Resolution: 10µm
 Maximum Layer Height:
 0,8 nozzle: 0,6mm 1.2 nozzle: 0.9mm
 0,6 nozzle: 0.48mm 2.0 nozzle: 1.6mm
 0,4 nozzle: 0,3mm 4.0 nozzle: 3.3mm
 0,2 nozzle: 0,16mm 5.0 nozzle: 4.1mm



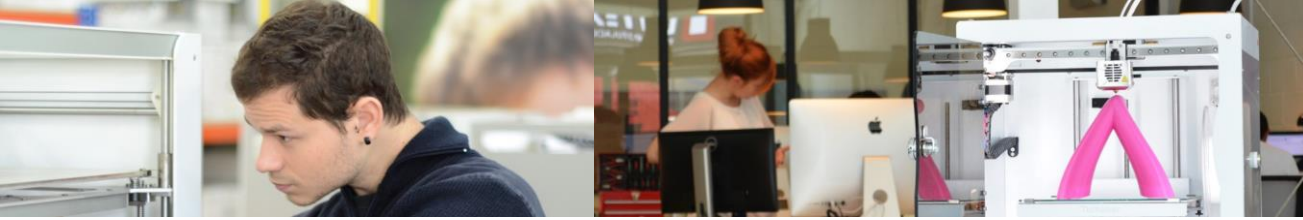
1 Year Limited Warranty



Heated Bed: 45° - 120°C
 Build Plate Leveling:
 · Semi-Automatic
 · Manual



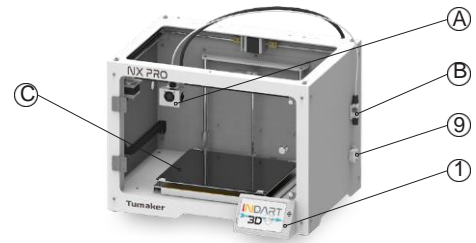
Simplify3D Professional Software



MAINS PARTS OF THE PRINTER

Ⓐ HOTEND

It moves in the X and Y axes by melting the filament 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.



Ⓑ EXTRUDER

Supplies printing material to the head by extruding the filament.

Ⓒ PLATFORM OR HEATED BED

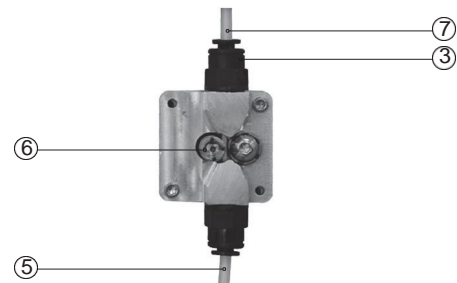
The printing happens on the surface of the platform; this one moves along the Z axis. Depending on the printing material, it must be heated to a different temperature.

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

Ⓐ HOTEND



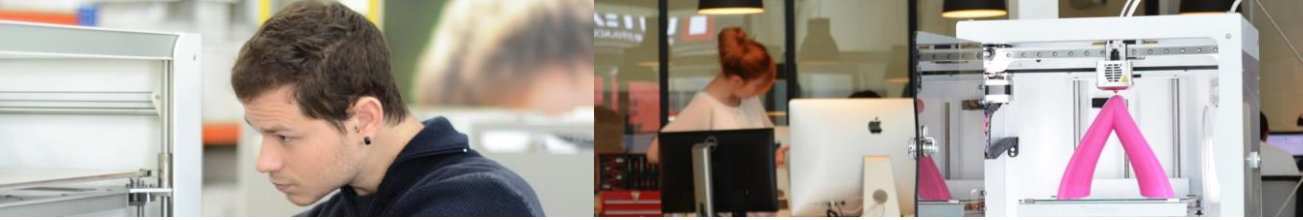
Ⓑ EXTRUDER



Elementos principales de la impresora

- | | |
|-------------------|------------------|
| ① Display | ⑤ Filament input |
| ② Nozzle | ⑥ Drive |
| ③ Connector | ⑦ Bowden tube |
| ④ Layer fan | ⑧ Frontal fan |
| ⑨ Filament sensor | |

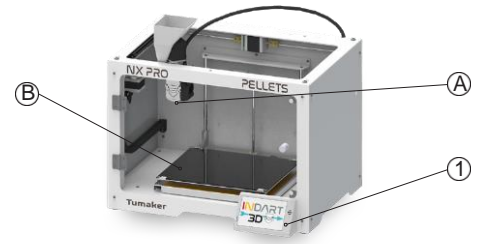




MAIN PARTS OF THE PRINTER

Ⓐ HOTEND

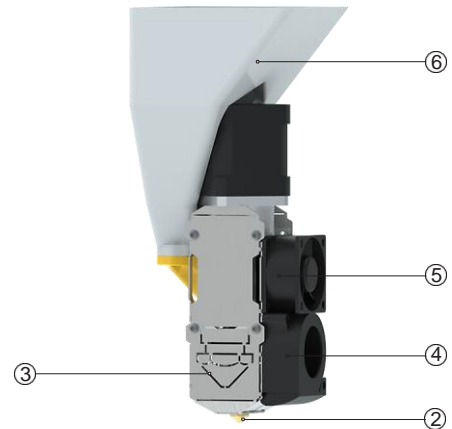
It moves in the X and Y axes by melting the pellet of material and depositing it on the platform or heated bed. It has a nozzle that heats up to the required temperature according to the corresponding printing material.



Ⓑ 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 |

