

F430 NX

「A new generation of professional-grade high-speed 3D printer」



High speed printing

The speed of professional-grade equipment is as high as 200-300M-M/S, which is 4-5 times faster than traditional printing speed. Full-size models can be produced within 3 days.



5-inch Linux full-color touch screen

A silky touch experience allows real-time monitoring of various parameters and remote printing.



Brand new titanium alloy extrusion head

Produced using advanced one-piece die-casting technology, the memory titanium alloy is closely matched with a tungsten carbide steel nozzle, which is temperature resistant to 500°C and can print various wear-resistant fiber composite materials for a very long time.



IDEX independent dual nozzles

The independent dual nozzles perfectly support the easy-to-peel support model without interference, and support mirroring, copying, and backup modes.



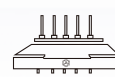
Engineering grade high temperature chamber

The 70C high-temperature cavity is specially used for engineering-grade materials. Large models such as ABS, PC, ASA, PP, NYLON, etc. are perfect without warping.



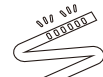
Flexible high temperature platform

The platform temperature is 140°C and supports various engineering-grade high-temperature materials.



Unilateral 5-axis strengthening

The Z-axis uses a high-precision thickened optical axis screw to perfectly optimize the Z-direction printing surface.



status-breathing atmosphere light

Different ambient lighting effects show different device statuses, adding color to your printing.

Project	Machine type	F430 NX
Size	Single head printing Two-color printing copy mode Mirror mode Product size & weight Packaging size & weight	400*300*300mm 340*300*300mm 225*300*300mm 190*300*300mm 780*540*750mm 80kg 870*640*1060mm 107kg
Universal	Print Technology Extrusion system Maximum temperature of nozzle Filament Diameter X Y Positioning Precision Z Positioning Precision Printing speed Printing platform Max. Bed Temperature Heating plate material Build Plate Leveling Support material Layer thick Nozzle Diameter Printing method Noise Operating environment Air filter	FFF fuse manufacturing technology IDEX independent dual sprinkler system 420 °C 1.75 mm 12.7 u m 1.25 u m1 50-300mm/s High temperature flexible magnetic platform 140 °C Food grade silicone Automatic PLA、ABS、PA、PC、PTEG、PP、ABS-PC、 PET-CF、PET-GF、UltraPA-CF,UltraPA-GF ,etc. 0.02mm 0.4 mm (0.3,0.5,0.6,0.8,1.0 mm) USB/USB/WIFI/LAN 50db 10-30°C HEPA+Activated carbon
Software	Software Supported File Types Operating Systems	CreatWare Multi-lingual STL、OBJ、AMF、GCODE Windows/ macOS/Linux
Printer control	Screen network Resume calling after power outage filament testing Automatic shutdown status breathing light	5"Linux True color touch screen (multi-lingual) WI-FI, Ethernet Save data during power outage Support Support Support
power supply	power supply rated power	100V-110V Or 200V-240V/ 50-60Hz 220V: 3000W, 110V: 2400W



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Henan CreatBot Technology Limited

Website: www.creatbot.com

Email: sales@creatbot.com

Address: Address: No.150 Lamei Road,
Zhongyuan District,
Zhengzhou 450000, China



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