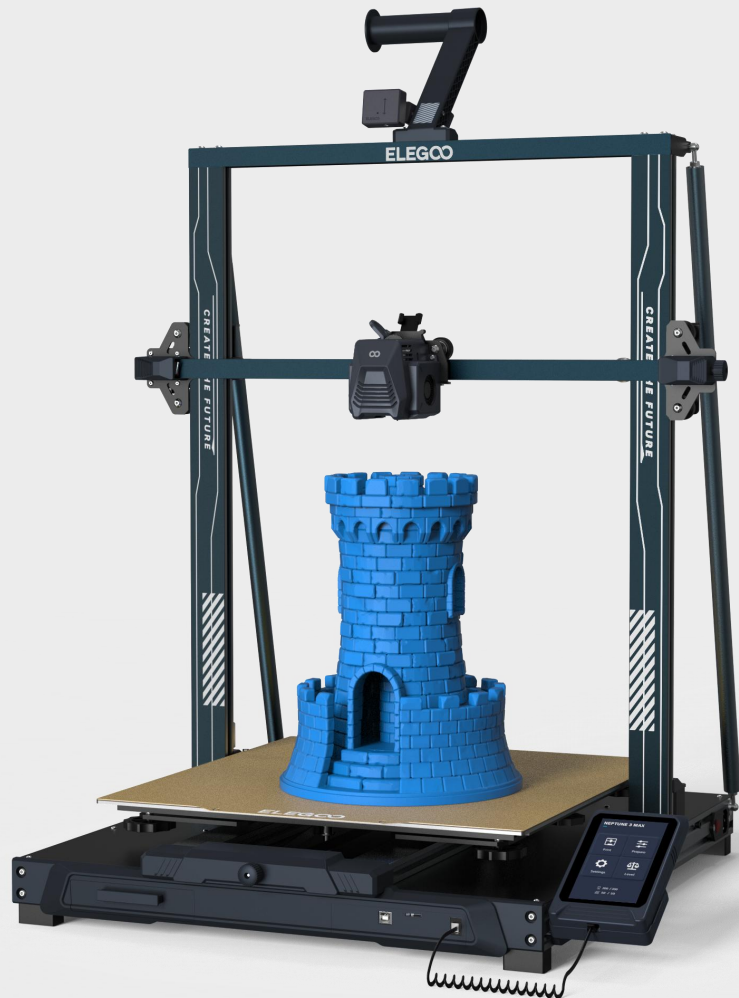


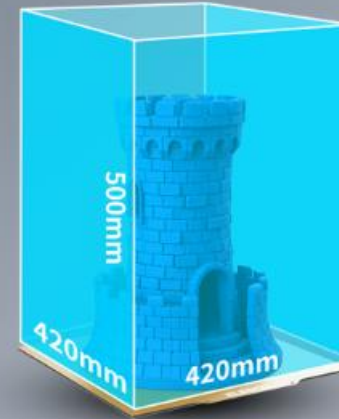
Large Size Upgrade NEPTUNE 3 MAX

More Than Massive Size,
High Configuration and Smart



9 Core Functions

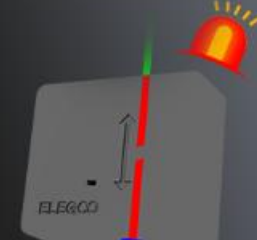
Extra large build volume



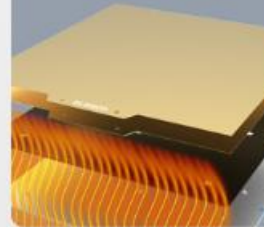
Dual-Gear Direct Extruder



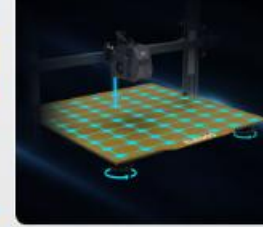
Filament Breakage Detection



PEI Magnetic Platform



Auto Bed Leveling



STM32 Silent
Motherboard



Intelligent Dissipation
Fan + Dual-side Nozzle
Cooling Fan



Eight Languages UI



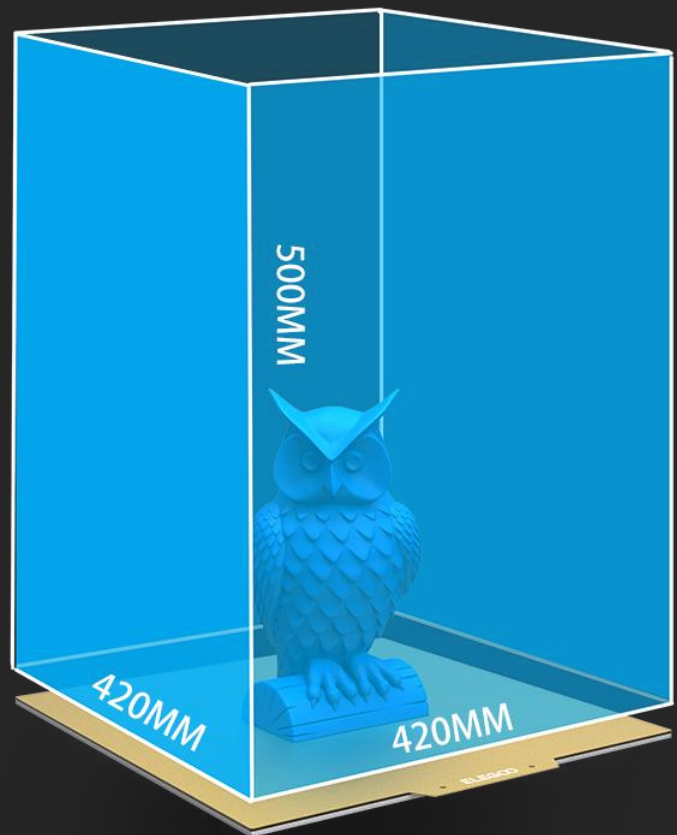
Dual Lead Screw Drive



Massive Build Volume, Unlimited Creativity

Unlimited Creativity

The build volume has been upgraded again to 420*420*500mm, making it easy to print large-size models and providing enough space for your unlimited creativity.



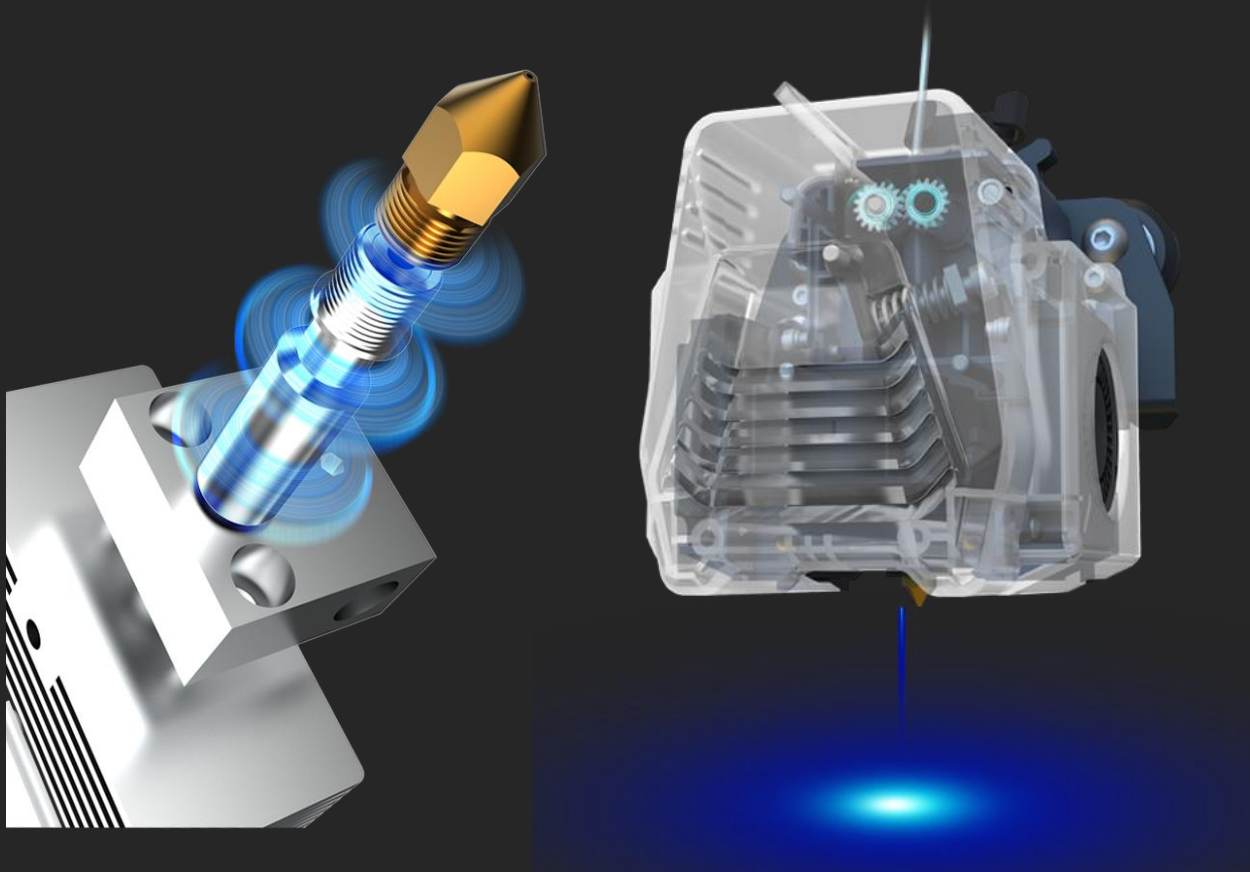
Quiet Printing STM 32-bit silent motherboard

The machine adopts an STM32-bit motherboard, and its X/Y/Z/E axes are all driven by a silent drive, which can effectively reduce the printing noise and enjoy low-noise printing fun.



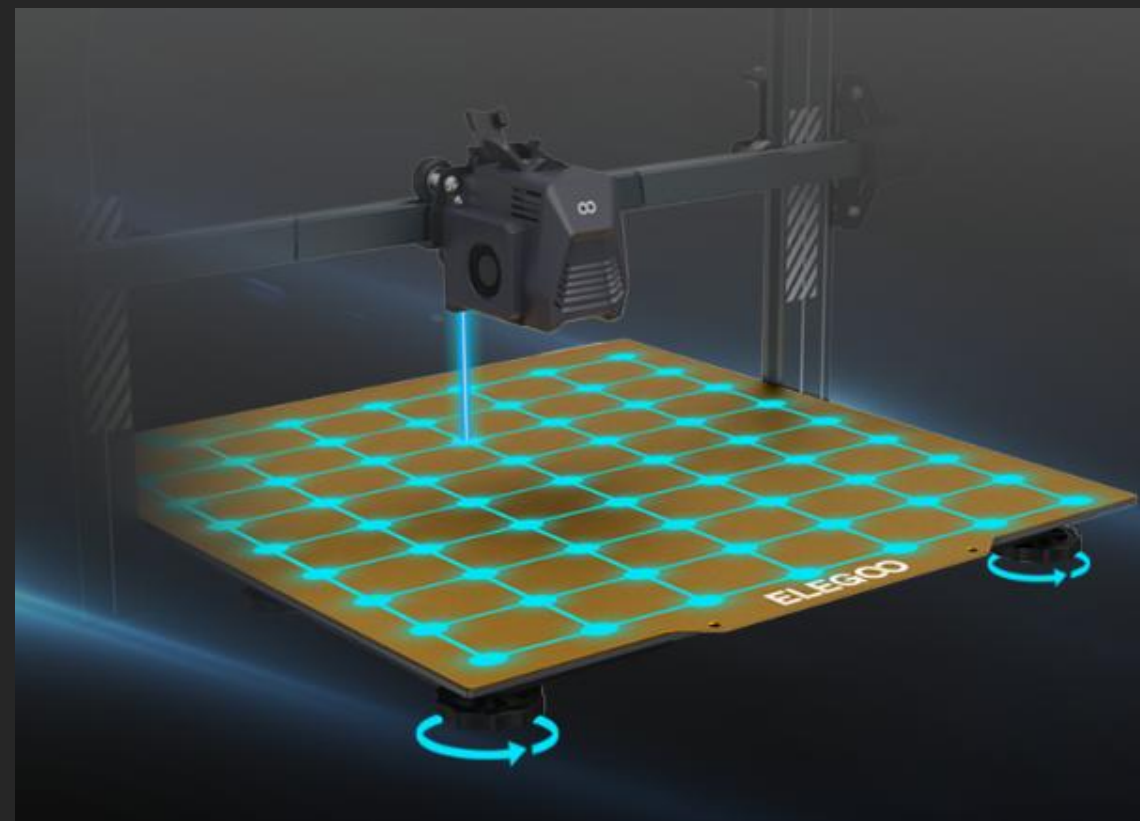
Dual-Gear Direct Extruder, Compatible with Multiple Filaments

The new self-developed dual-gear direct extruder mechanism has nearly 3 times of extrusion ratio and a stronger extrusion force for higher printing accuracy. Can print PLA, TPU, ABS, and other consumables. Built-in titanium alloy throat pipe effectively reduces the risk of clogging.



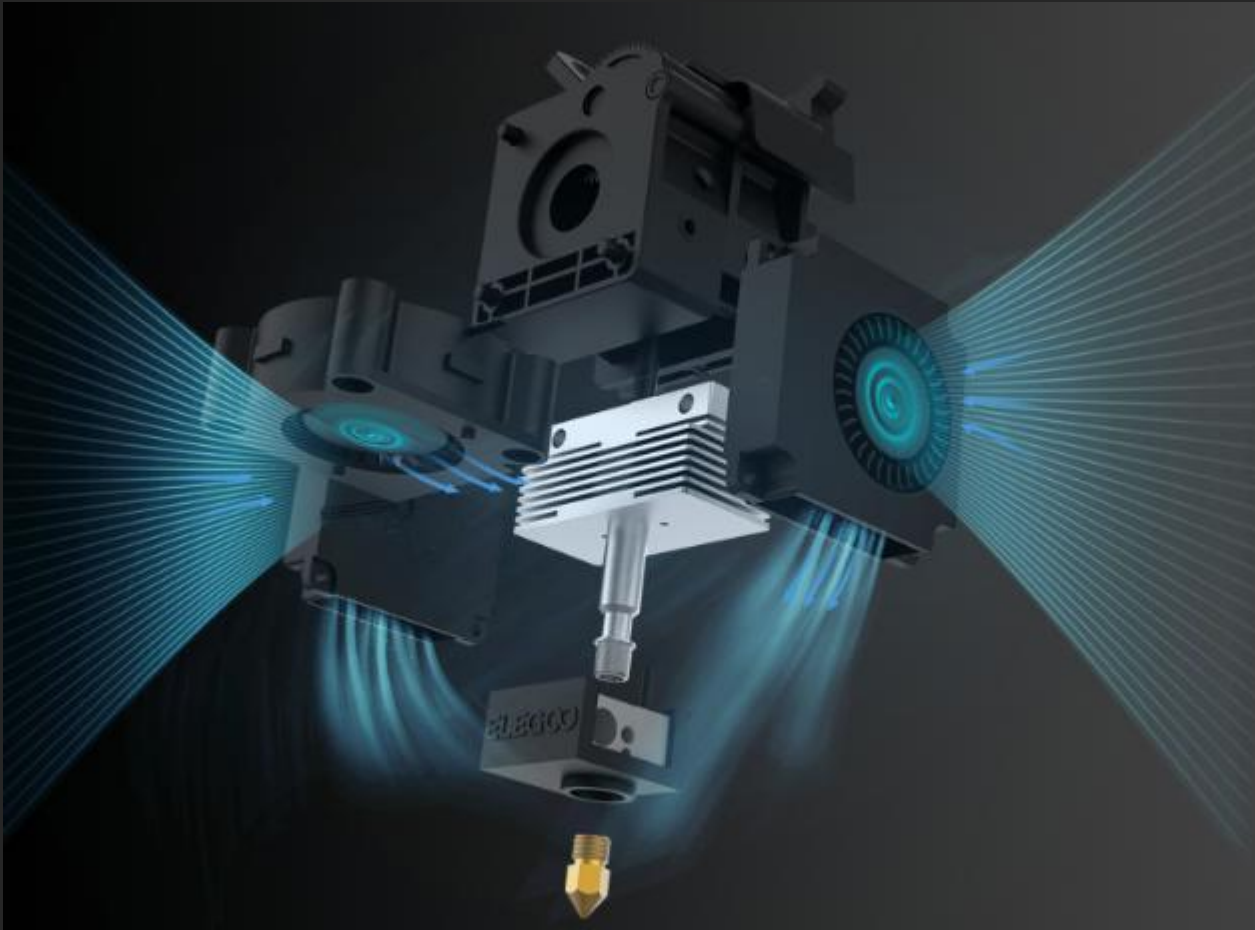
Double Leveling Function Automatic Bed Leveling + Auxiliary Leveling

The hand-twisting knobs calibrate the levelness of the printing platform, combined with a high-precision sensor to collect the data of the printing platform, thereby improving the printing success rate.



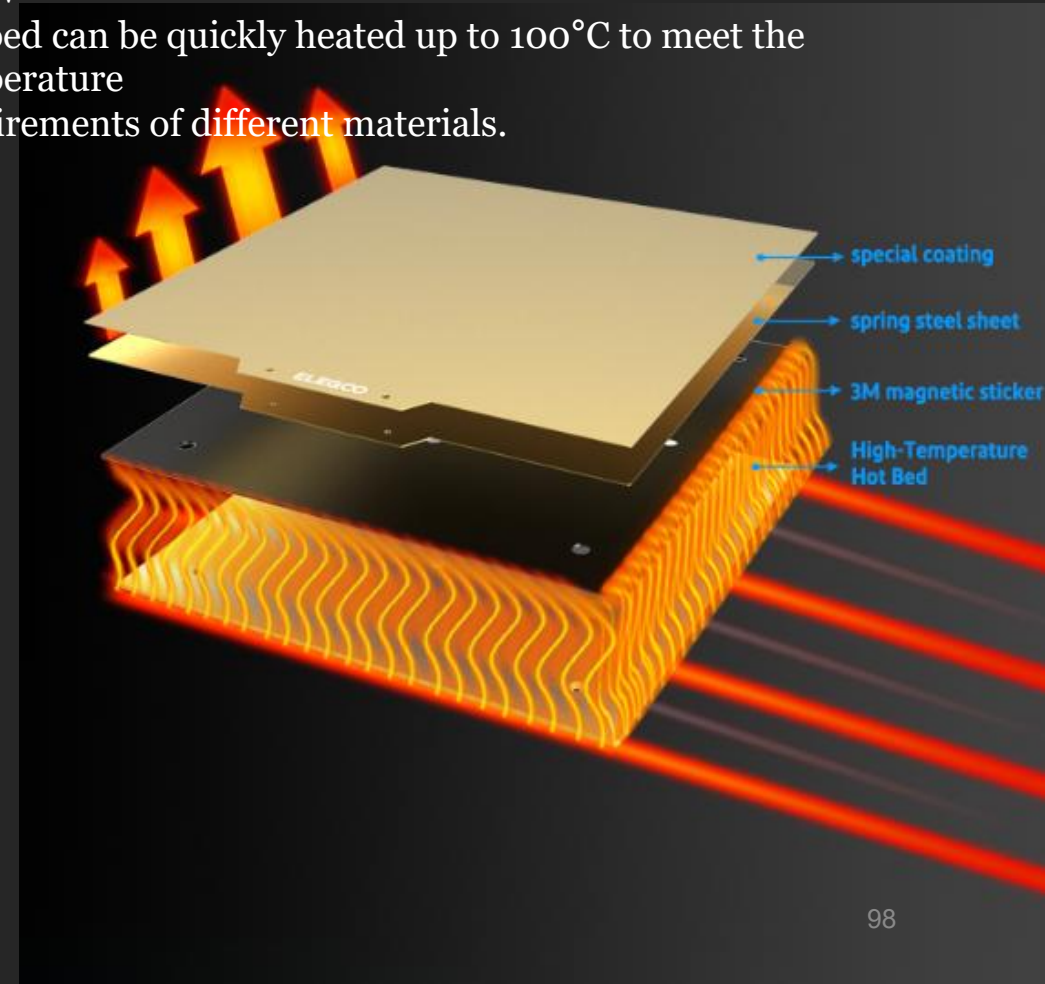
Dual-sided Nozzle Cooling Fan & Fan Intelligent Control

Two-sided nozzle cooling fans with more comprehensive heat dissipation and better printing effect; after printing, all fans stop working to save power, reduce noise, and extend lifespan of fans.



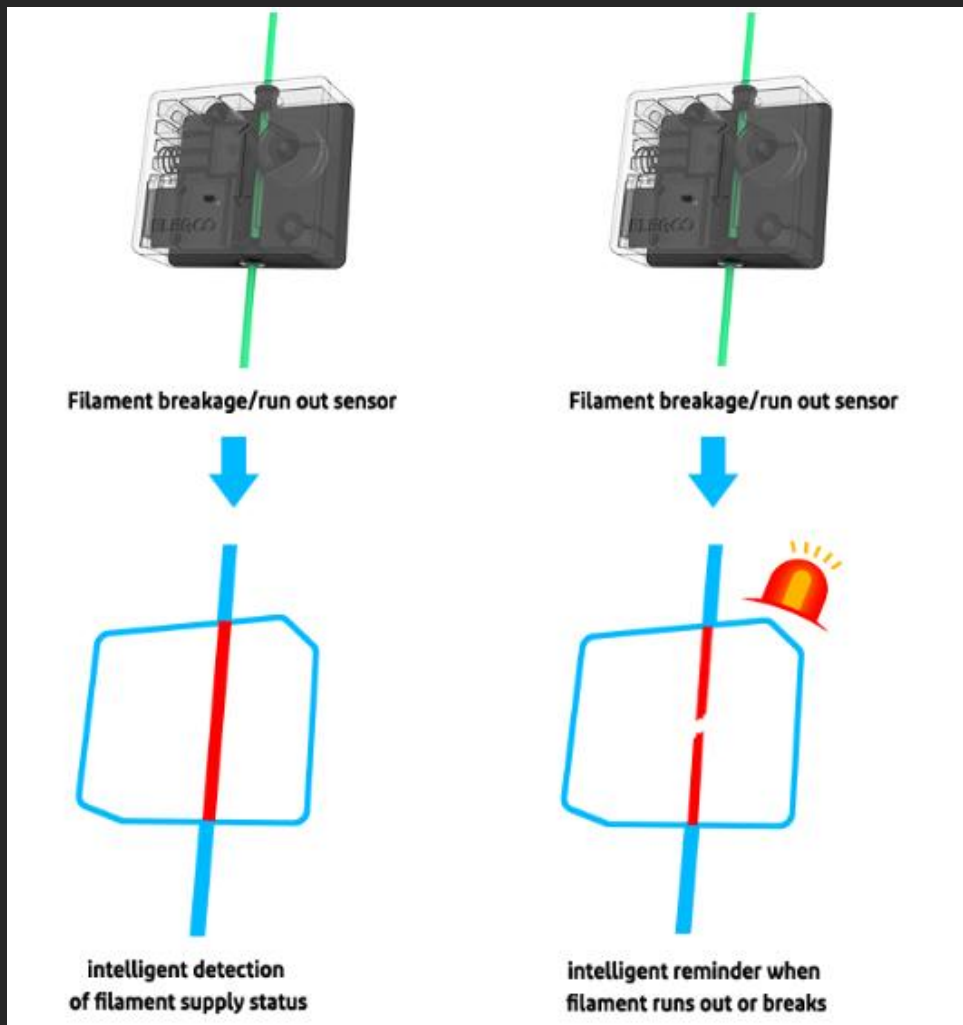
PEI Magnetic Platform & High-Temperature Hot Bed

No need for a scraper knife, the model will automatically be released after the platform cools down, with a better user experience; the 420W hot bed can be quickly heated up to 100°C to meet the temperature requirements of different materials.



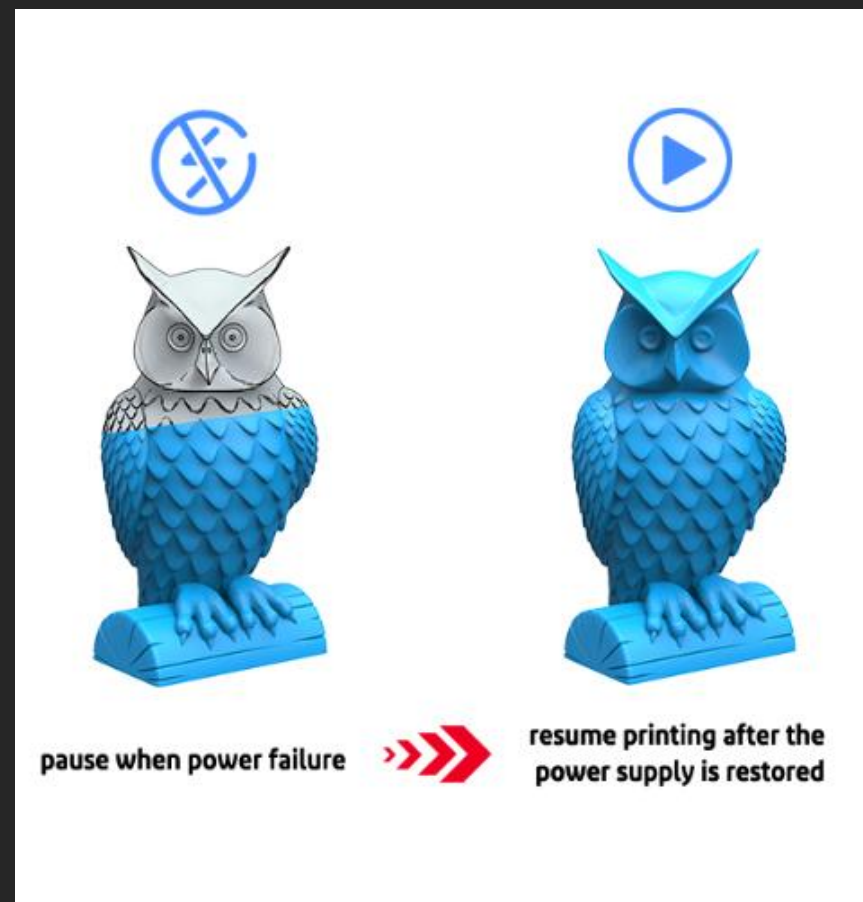
Filament Breakage Detection, Filament Shortage Alarm

With a filament sensor to intelligently monitor the supply of consumables, whenever filament runs out or breaks, printing will pause until you load the new filament to avoid material waste and model scrapping.



Resume Printing from Power Failure

No fear of accidental power failure during the printing process, and the printer can resume printing after the power supply is restored to avoid the scrapping of the model caused by power interruption.



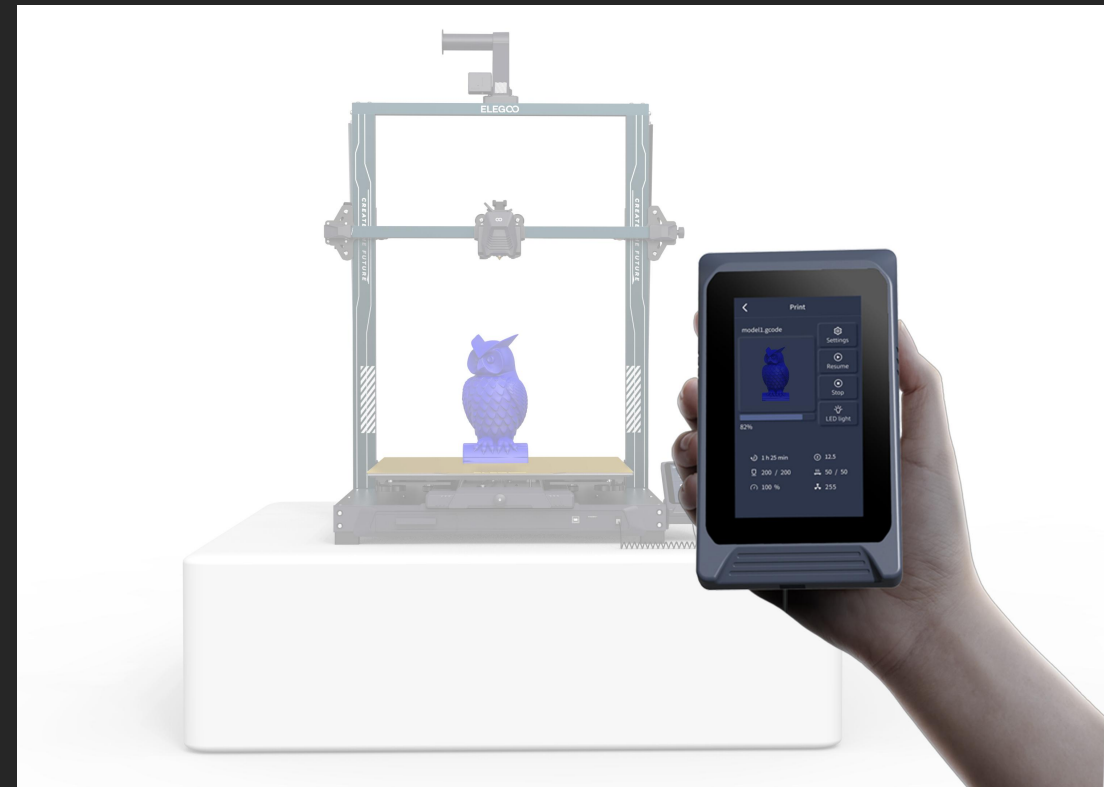
Magnetic Integrated 4.3-inch Capacitive Screen, Support Multi-language Free Switch

The 4.3-inch capacitive screen can be operated by hand-held or fixed on the machine base, which is more convenient and easy. Support simplified Chinese, English, Spanish, French, Italian, Russian, German, and Japanese, 8 languages switch at will.



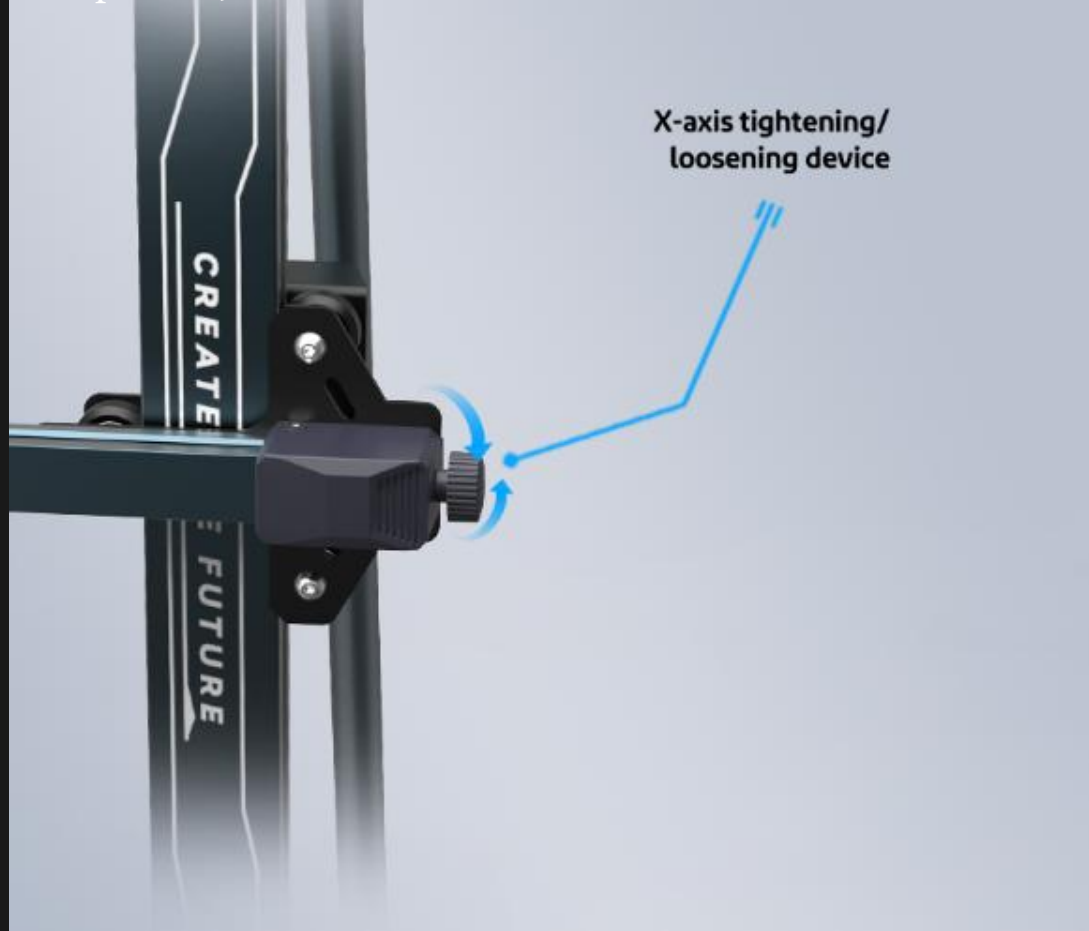
Print Model Preview Function

During the printing process, you can preview the model image and observe the printing progress by previewing the real-time comparison. Print model preview function

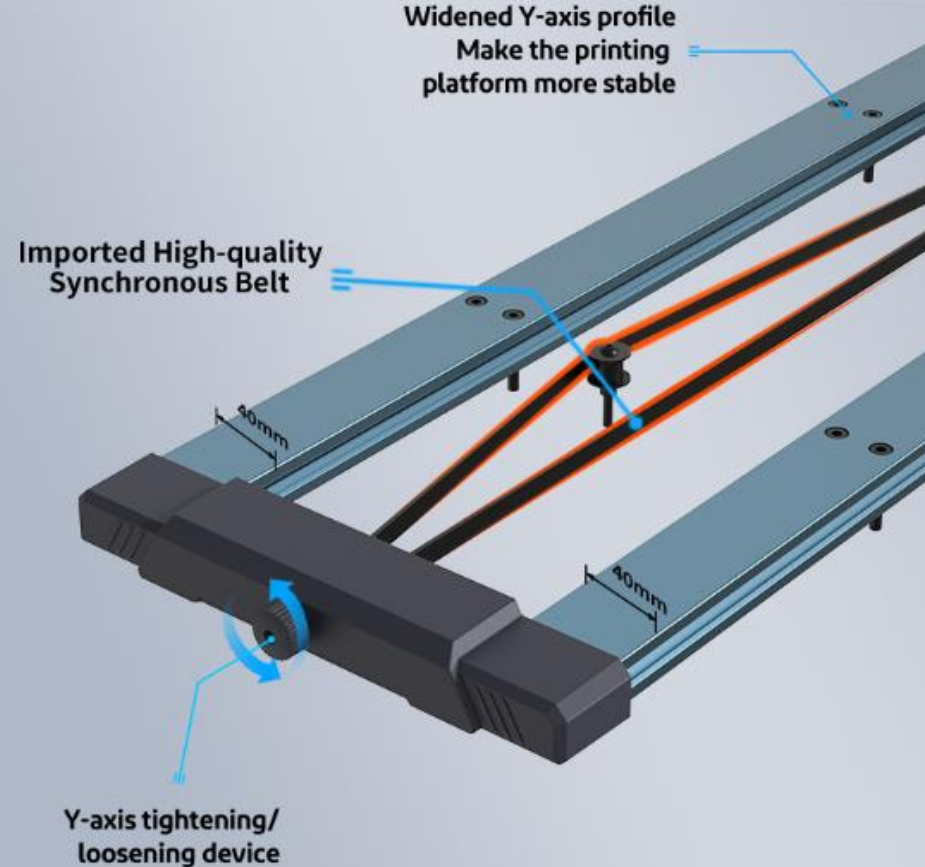


Tension Adjustment Devices on Both X-axis and Y-axis Belts

The belt tightness can be adjusted by rotating the hand-twist knob, which is convenient to adjust the belt after slackening and improve the printing accuracy. The Y-axis components are guided by double profiles to improve the force of the large Y-axis platform plate, reduce the shaking of the slider plate, and enhance the stability of the platform plate (two 40mm wide profiles).



X-axis tightening/
loosening device

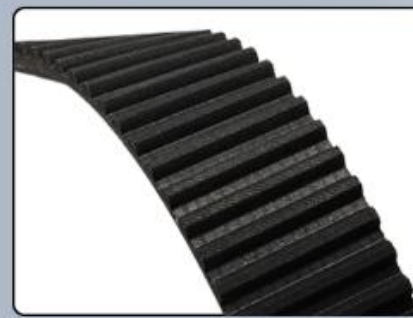


Widened Y-axis profile
Make the printing
platform more stable

Imported High-quality
Synchronous Belt

Y-axis tightening/
loosening device

The X and Y axes both adopt high-quality imported synchronous belts, and the Y axis uses widened synchronous belt (10mm wide) for a more stable printing effect.



Z-axis Dual Lead Screw + Double Motor Design

Compared with the Z-axis single lead screw, the Z-axis movement of the dual lead screw is more stable and smooth, the leveling is more accurate for better printing quality and higher printing accuracy.



Tool Box Design

Convenient for storing Allen wrench tools, nozzle accessories, and more used by the printer.

