CR-M4

Fulfill Big Ambitions Efficiently

Quasi-Industrial Grade Large Format 3D Printer

450*450*470mm
Build Volume
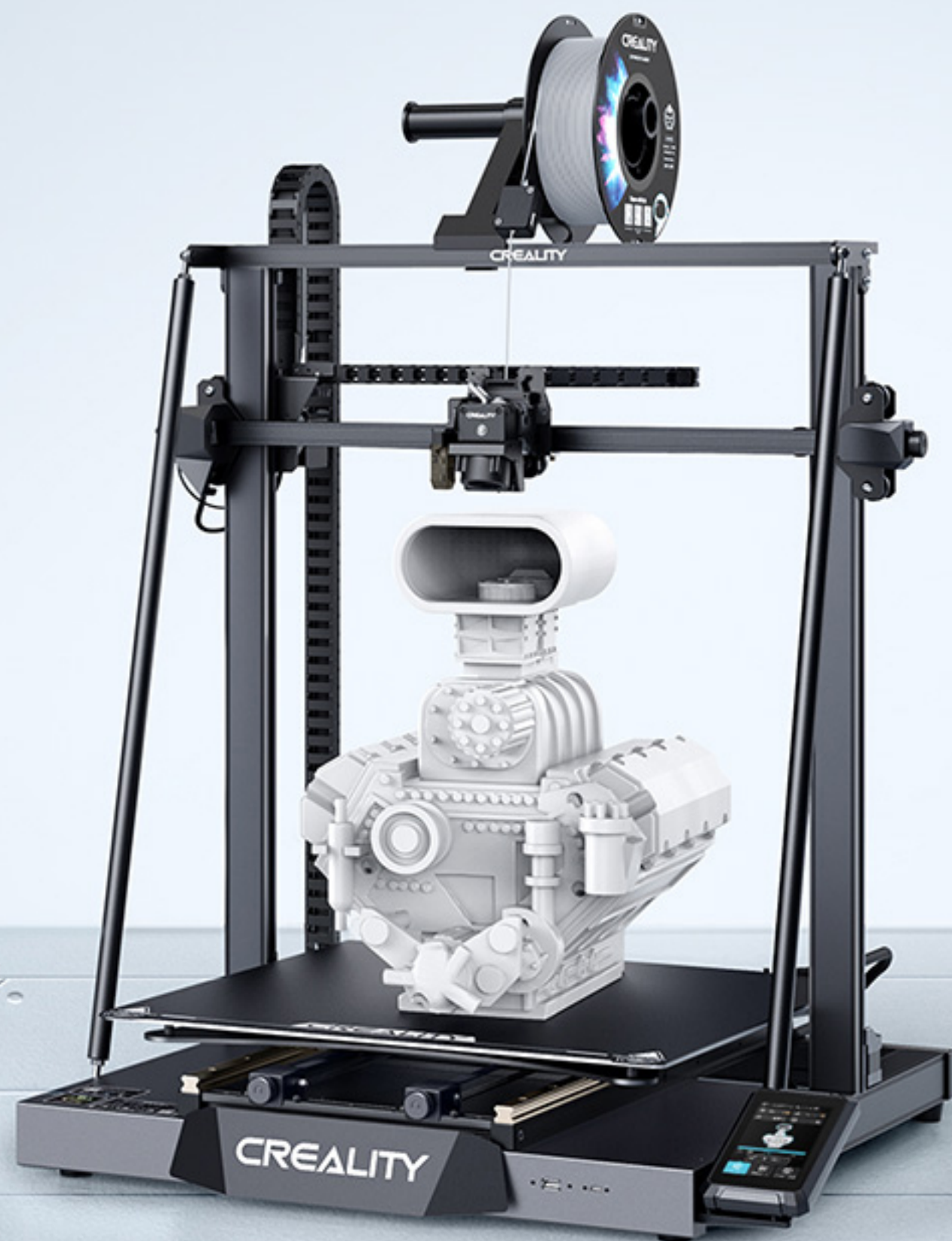
Quality Dual Y-axis
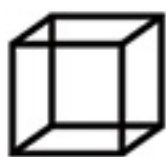Linear Rails
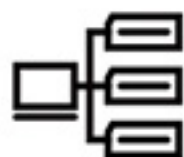
More Ways
of Printing

"Sprite" Dual-gear
Direct Extruder

CREALITY

450*450*470mm
Build Volume

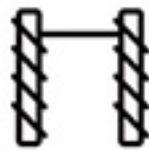Quality Dual Y-axis
Linear Rails

Multi-printers
Control

"Sprite" Dual-gear
Direct Extruder

CR Touch 25-point
Auto-leveling

Anti-wobbling
Dual Z-axis

PC Spring Steel
Build Surface

800W Industrial Control
Power Supply

Quasi-industrial Grade Large Format

CR-M4 boasts a massive build volume of 450*450*470mm. It's a real workhorse to create big models with less or no post-processing or to batch-print more parts in one go. Time to max out creativity and let thoughts run wild.

Wide Applications

- Life-size model
- Prototyping
- Architectural model
- Small-batch production

Precise and Reliable Dual Y-axis Linear Rails

2 CNC-machined precision linear rails optimize the Y-axis transmission
which, driven by a strong and precise motor, runs accurately and smoothly.
Made out of bearing steel, the rails can withstand wears, backlashes and heavy load.
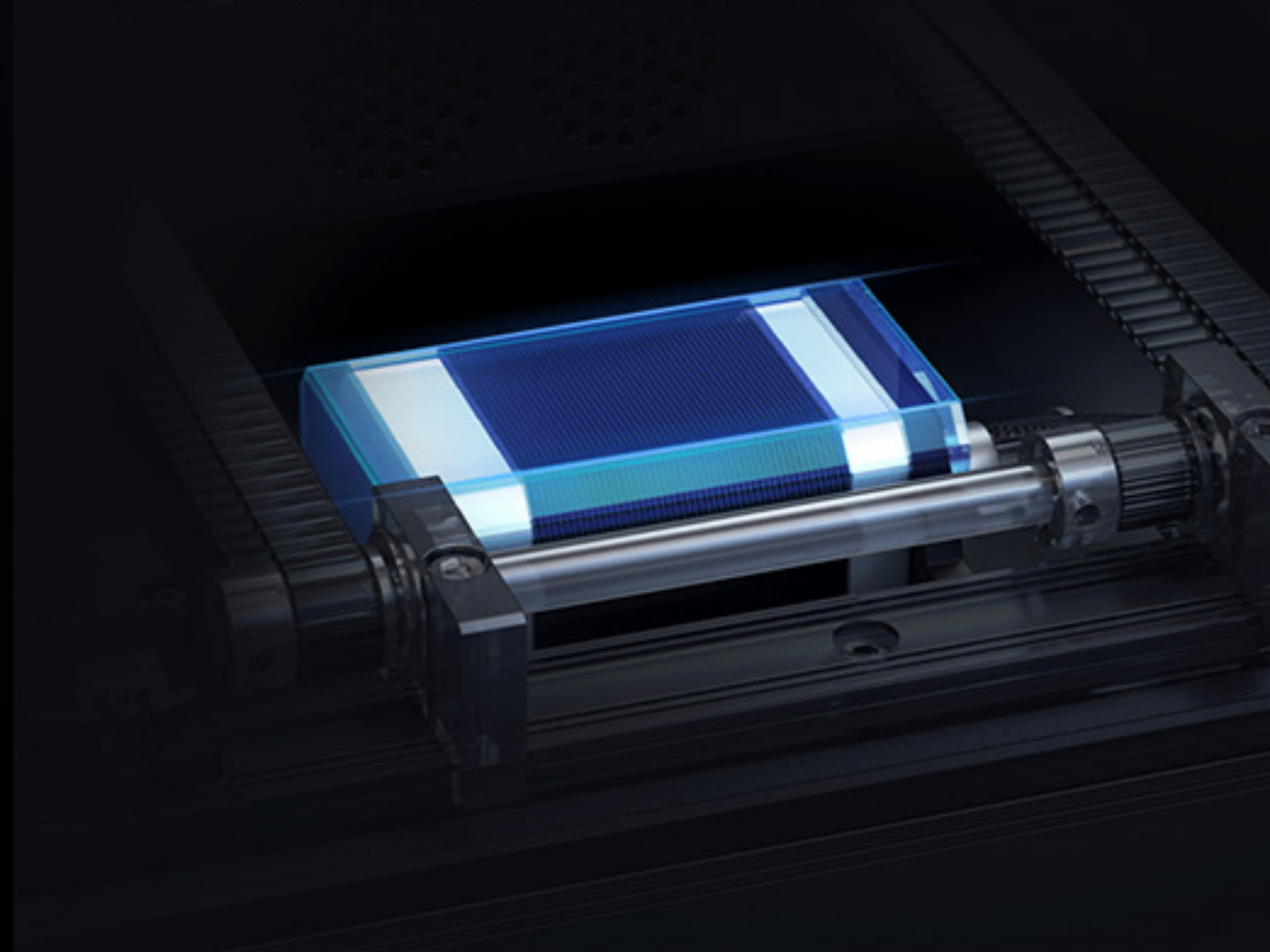Way more reliable and durable than V-slot rails.
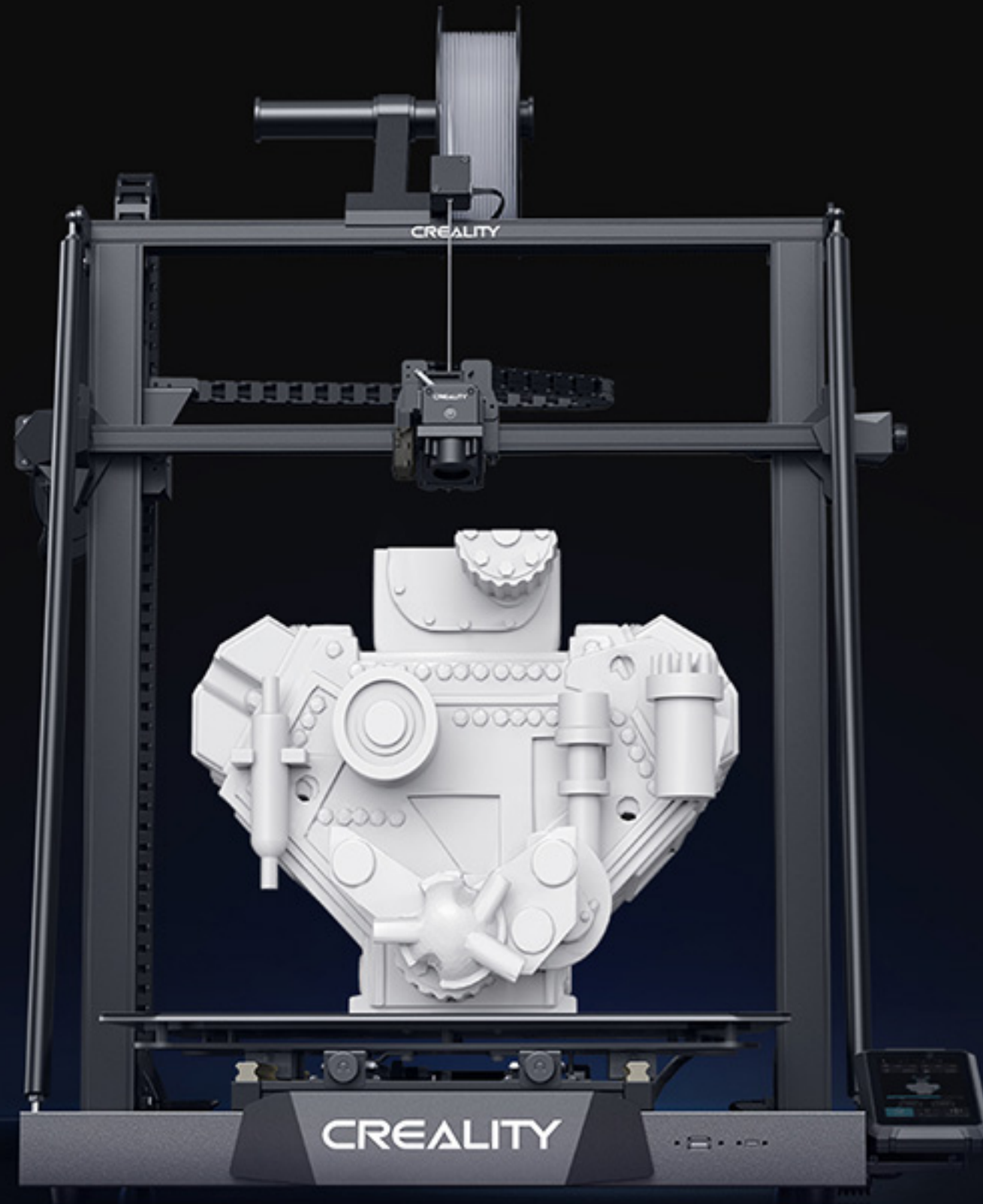
Y-axis Dual Linear Rails

30kg+ weight-bearing capacity*
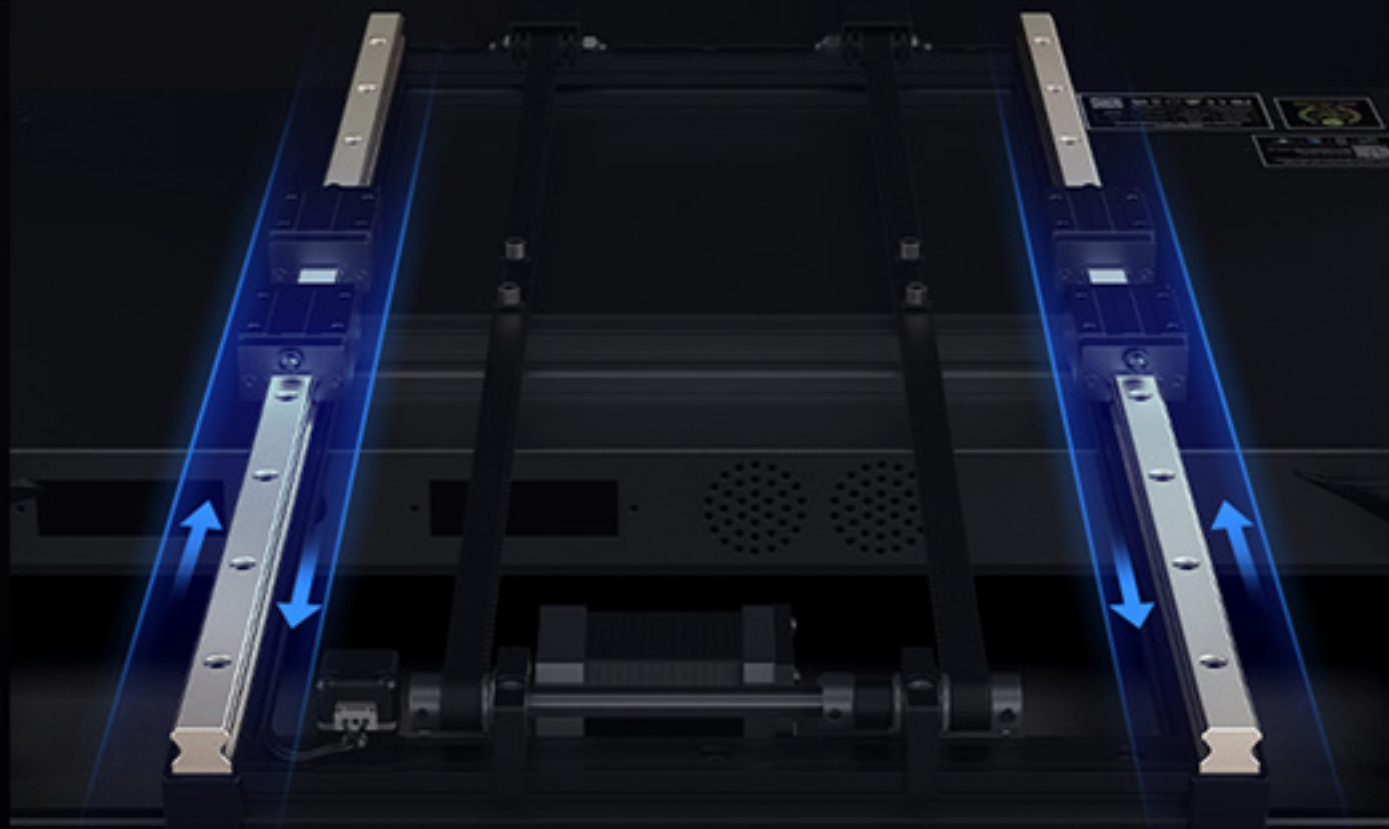
Strong and Precise Motor

720h (30 days) constantly steady printing*

*Data from Creality Lab

Raise the Bar of Extruder Specs

All-metal "Sprite" direct extruder with dual-gear design, providing a strong and uniform 80N extrusion force. Great to extrude flexible filaments like TPU.
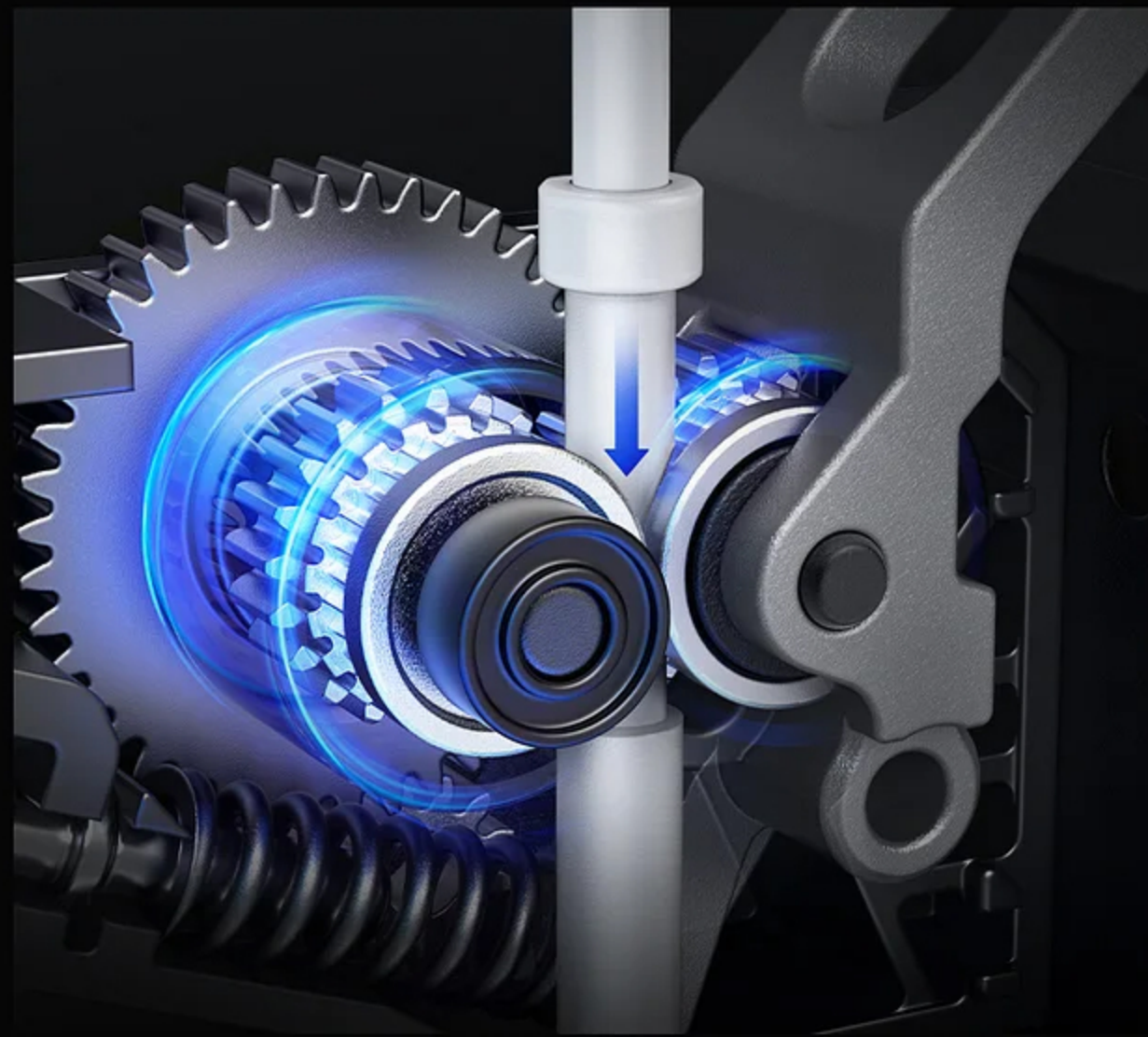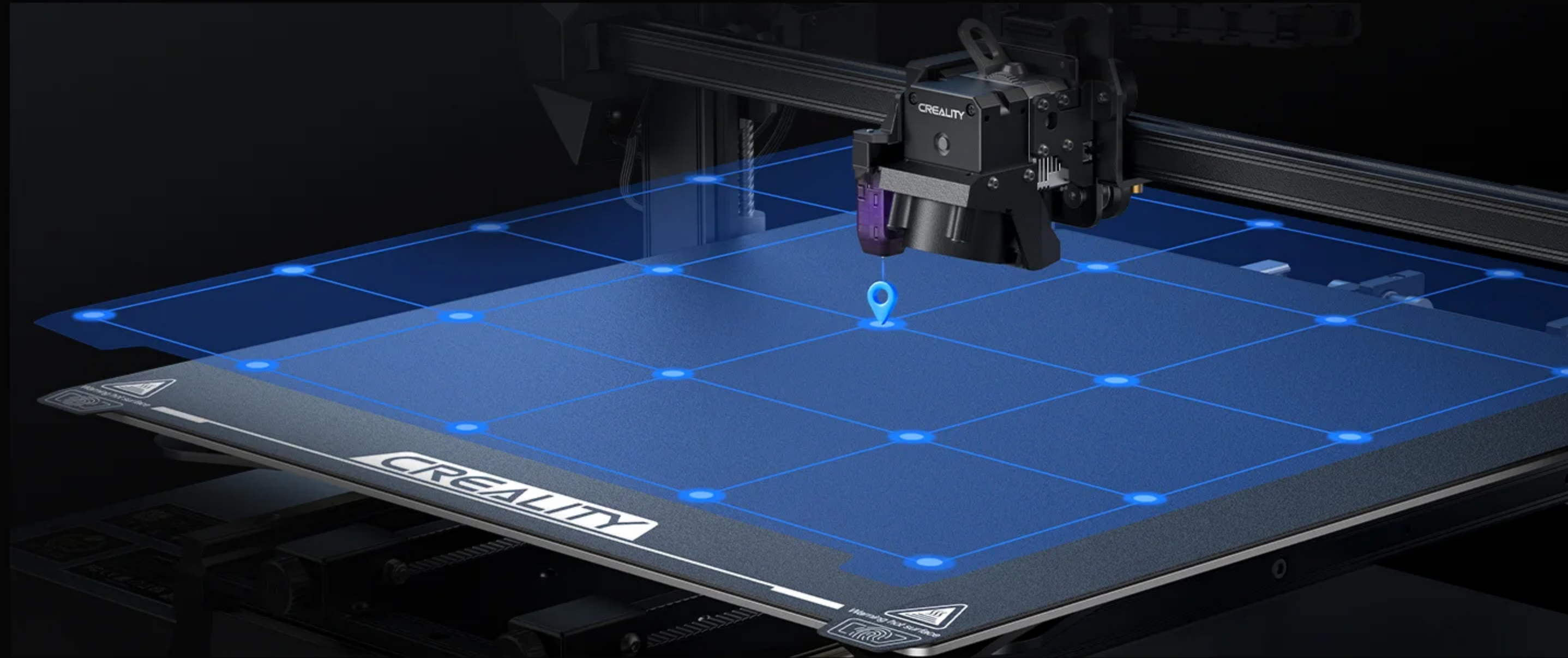
High-flow Hotend

Upgraded high-flow nozzle plus 50W heater cartridge, fully melt high-temp filament at 300 °C for fluent feeding. Swappable with a 0.6\0.8mm nozzle.

Genuine 25-point Auto-Leveling

Fully automatic leveling with CR Touch by probing 25 points, and Z offset at 0.05mm accuracy to quickly calibrate the distance between the nozzle and the build surface.

Color Screen with Simplified UI

A 4.3-in color screen features simple and responsive touch control, supporting model preview and temperature PID tuning.

It will time out after 5 minutes of no further activity. Even better, you can enable the energy-saving Sleep Mode.
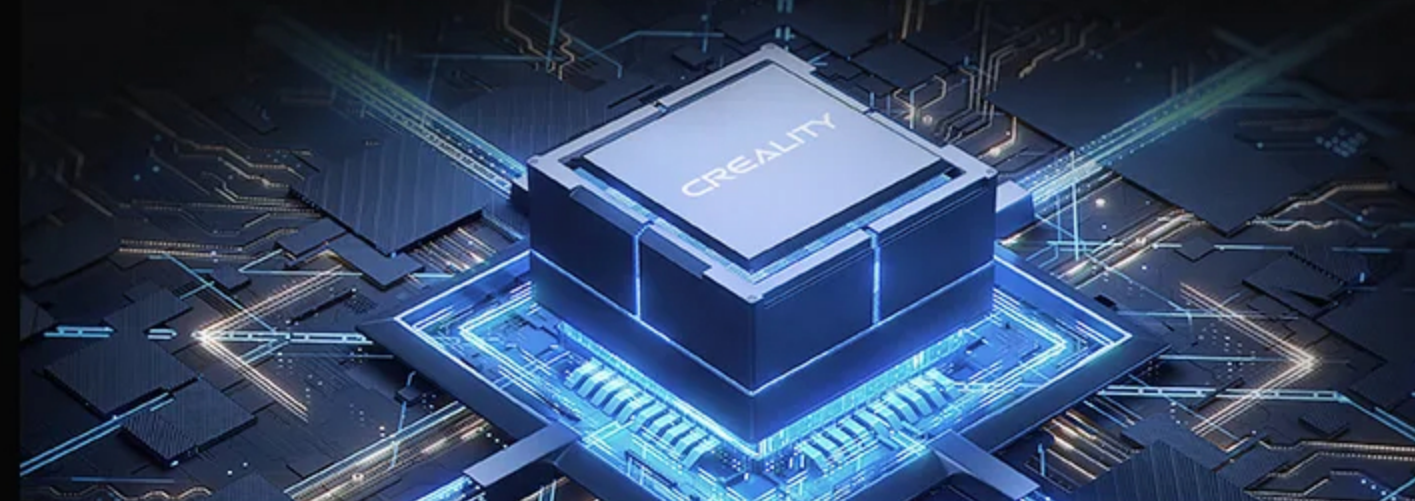
Cable Chain

Avoid wire entanglement

Silent Mainboard

The noise within 1m is controlled at 50 decibels (only loud as indoor talking)

Dual Spool Holders

More prepared to replace filament

Printing Technology: FDM	**Heatbed Temperature:** ≤100°C
Build Volume: 450*450*470mm	**Build Surface:** PC spring steel sheet
Product Dimensions: 655*700*865mm	**Leveling Mode:** CR Touch Auto-leveling
Package Dimensions: 790*760*300mm	**File Transfer:** USB drive, WiFi, USB-C cable, RJ45 cable
Net Weight: 22.48KG	**Display Screen:** 4.3-inch color touch screen
Gross Weight: 28.3KG	**Mainboard:** Integrated 32-bit silent mainboard
Printing Speed: ≤120mm/s	**Power Loss Recovery:** Yes
Printing Accuracy: ±0.1mm	**Filament Runout Sensor:** Yes
Layer Height: 0.05-0.35mm	**Multi-printers Control:** Yes
Extruder Type: "Sprite" dual-gear direct drive extruder	**Sleep Mode:** Yes
Extruder Material: All metal	**Rated Voltage:** 100-240V~, 50/60Hz
Filament Diameter: 1.75mm	**Rated Power:** 800W
Z-axis Count: 2	**Slicing Software:** Creality Print, Creality Slicer, Cura
Nozzle Type: Brass nozzle	**File Formats:** STL, OBJ, AMF
Nozzle Diameter: Standard 0.4mm (compatible with 0.6/0.8mm)	**Supported Filaments:** PLA, PA, ABS, PLA-WOOD, PLA-CF, TPU, PETG
Nozzle Temperature: ≤300°C	**UI Languages:** English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Chinese