



3D PRINTER CREALITY

# SALUTE TO CR-10 START WITH A REVAMP

With higher stability and better precision, it's a great evolutionary new 3D printer.

- Friendly UI
- New Firmware
- Separate Console

## 11 new enhancements

Enjoy the high quality printer

CR-10	CR-10 V2	CR-10 V3
One Port Hot End Cooling Fan	Dual Port Hot Port Cooling Fans	Dual Port Hot Port Cooling Fans
Bowden Extruder	Bowden Extruder (Changeable Titan direct drive)	Titan Direct Drive
Normal drive	TMC2208 Motherboard	TMC2208 Motherboard
Manual leveling	Manual leveling (Changeable auto-leveling)	Manual leveling (Changeable auto-leveling)
Plastic Extruding Kit	All-metal Extruding Kit	All-metal Extruding Kit
No	Resume Printing Function	Resume Printing Function
No	Filament Sensor	Filament Sensor (Optimize Structure)
12V Ordinary Power Supply	24V Branded Power Supply	24V Branded Power Supply
Single Z-axis	Dual Z Axes	Dual Z Axes
Normal UI	Branded New UI	Branded New UI

- All-metal Hot End
- High-standard V-shaped Profile
- Dual Port Cooling Fans
- Ultra quiet TMC2208 motherboard
- Power Resume Filament Sensor
- 350W Branded Power Supply
- BL-TOUCH Support (not included)
- Titan Direct Drive Great at printing TPU
- Firm Triangle Structure

### Upgraded Firmware

#### Quality Guaranteed

Stable operation with high precision

### DIY Fun

## Titan Direct Drive

### Precise And Smooth Extrusion

Equipped with genuine Titan direct drive, the torque of the stepper motor is lower. It's more precise to control the feed-in filament, great at printing the soft filament like TPU.

### Genuine Titan Direct Drive

Great at printing TPU

## CR-10 V3 — CR-10 V2

Feed-in with direct drive VS Feed-in with Bowden extruder

Titan Direct Drive (Standard equipment) VS Changeable Titan Direct Drive (Non-standard equipment)

### Ultra-cooling

## Dual Port Fan Cooling Plenum

Dual-port cooling fan extruder, evenly heat-dissipated and cooling down immediately, reducing plugging and poor-spillage ensures models with high quality

- +55% Cooling improvement
- 30°C Transport tube temperature
- +10% Overall printing precision

CR-10 V3 Data sources: Creality3D Product Lab

### Stable operation

## A New Tough All Metal Frame

High quality V-profile selected, more stable without any vibration, smoothly printed-out with high accuracy

1.5 times extra material in metal material

## Brand-new Independent R&D

### Smarter Software Upgrade

Smarter and More Memorable

### Smarter

## Upgraded Ultra Silent Mother Board

Self-developed Industrial-graded Mother Board and TMC2208 Ultra Silent Drive are adopted. Cost-effective/Running more stable/ Noise reduction/ Compression resistance

Silent Deceleration Fan 200h works nonstop

Data sources: Creality3D Product Lab

### Quality

## Proven performance Branded Power Supply

Solid 350W Branded power supply pairs with thermally efficient bed heater. It allows for rapid heating to 100°C

- 350W Quality Branded Power Supply
- +30% Heating Speed-up

## 350W

### Good Memory

## Resume Printing Function

Recover from potential print failures before they happen.

The power is out, what should I do? It comes back, let's restore everything.

### Sensitive

## Filament Breakage Sensor

Save your filaments when a strike occurs

## DIY Products with our community

Advice and suggestion are accepted on our community

## Strong Compatibility

### Auto & Manual Leveling

BL touch (Auto Leveling Device) can be added by yourself, enjoying more fun of DIY your own 3d printer

BL-TOUCH Leveling (Non-standard equipped)

Big Nuts Manual Leveling

## Triangle Structure Remarkably Stable

Ensure a solid dimensionally stable work platform

## Carborundum glass platform

### 59" Easy removal and no warp

High hardness carborundum increases viscosity and reduces warping. Easy to remove the model

- Heat-resistant
- Durable
- No warping
- Remove easily

## Precise product with innovate designs

We dedicated to every details of each printer

## Easy-Assembly Operation

1 Step Assembly 3 Connections

### Clear UI Navigation

SD Card Slot

### Unique "Creality" Blue Logo

## Applications

- Architecture Field
- Medical Field
- Animation

### Architecture Field

Make your design a reality

### Medical Field

Assist medical treatments make medical teaching more easy

### Animation

DIY Your Favorite Animations and Characters Enjoy More Fun of Creation

### Robots

Muse endless possibilities Spark endless possibilities

## Product Specifications

- Printing tech: FDM
- Printing size: 300\*300\*400mm
- N.W.: 11.5kg
- Printing speed:  $\leq$ 180mm/s, normal 30-60mm/s
- Precision: $\pm$ 0.1mm
- Layer thickness:0.1-0.4mm
- Nozzle diameter: Standard 0.4mm
- File format:STL/OBJ/AMF
- Hotbed temperature: $\leq$ 100°C
- File Transfer: USB/SD card
- Slicing software:Cura/Repetier-Host/Simplify 3D
- Operation system:MAC/Linux/WindowsXP/Vista/7/8/10
- Power supply:AC Input 115V/230V Output:24V
- Power rating:350W
- Auto leveling:OPTIONAL
- Filaments:PLA/ABS/PETG/TPU
- Filament diameter:1.75mm

## COMPANY INTRODUCTION

### Shenzhen Creality 3D Technology Co., Ltd.

Creality 3D is an internationally renowned 3D printer manufacturer, national high-tech enterprise, and a pioneer in the R&D and mass production of FDM and resin 3D printers in China. Our company has been committed to applying 3D printers into market, delivering efficient and cost-effective integrated 3D printing solutions for individuals, families, schools and enterprises.

Headquartered in Shenzhen, Creality 3D has branches in Beijing, Shanghai and Wuhan, and cooperates with colleges and universities to build an industry-university-research teaching and internship base. We have a complete set of R&D, manufacturing and after-sales service system and strong technological strength. With a total area of 30,000m<sup>2</sup>, a team of over 1,000 employees, and monthly production capacity of over 800,000 units, Creality 3D prides itself on its large-scale R&D center and 3D printing laboratories and Creality research institute. Coupled with modern production lines working for 24 hours nonstop and demanding quality control system, the excellent product quality is thus guaranteed from the source. The products have been sold to more than 100 countries and regions, and have been ranked in the top of the global 3D printer sales list for a long time.

With initial aspirations never faltered, sticking to "customer-first" service concept, Creality 3D will keep passing on the spirit of the 3D printing industry evangelist to make better quality 3D printers and provide best service, enabling people to enjoy the convenience of technology and contributing to the rise of China's intelligent.

## CREALITY