Creality CR-5 Pro H - 300*225*380 mm

3dprima.com/hardware/manufacturer/creality/creality-cr-5-pro-h-300-225-380-mm/a-26048

Creality has already sold millions of 3D printers. With the Creality CR-5 Pro H, the very popular 3D printer manufacturer is now entering the world of professional 3D printing. Realize high resolution professional 3D prints in a large build space with a high quality and professional level.

These are the main features of the Creality CR-5 Pro H:

- Closed build room & buildplate heated up to 100 °C
- Filament consumption sensor for easy continuation of your 3D print
- Top 3D printing results thanks to metal frame of the extruder
- Innovative electronics & software for optimal 3D prints
- **We recommend this printer mainly for filaments with higher temperatures. If you want to print PLA only, we recommend another printer.**

Buying Creality CR-5 Pro H - these are the most important features

Buy the Creality CR-5 Pro now and benefit from its key features. This 3D printer is a professional device with an attractive design. Use it to create high-quality professional 3D prints.

These are the main advantages of the Creality CR-5 H Pro:

- Large build size 300x225x380mm
- 4.3-inch touch screen
- Meanwell 350W / 24 V power supply
- Quiet operation thanks to motherboard with ATMEL 2560 master chip
- Nozzle temperature up to 300℃
- Enclosed chamber and heattbed up too 100℃
- 100 microns print precision
- Highly durable metal extruder frame
- Effective cooling of hotend
- Detect filament usage & easily resume your 3D prints
- Carborundum glass print bed

Large build space of the Creality CR-5 Pro H

Benefit from the large build space of the Creality CR-5 Pro H. Realize your professional 3D prints in full size. The stable construction of the build space always ensures smooth and precise operation.

Simple and intuitive operation via touch screen

The touch screen of the Creality CR-5 H Pro allows you to operate it easily and intuitively. Always keep the overview and control your CR-5 Pro H precisely.

Powerful power supply & quiet operation

The powerful power supply via the MeanWell power supply 350 W / 24 V provide your Creality CR-5 Pro with sovereign power. Thanks to the silent motherboard, your 3D printer always works quietly.

Process your favorite filament - Nozzle temperature up to 300 °C & print bed temperature 100 °C

Process your favorite filament thanks to a nozzle temperature of up to 300 °C and a print bed temperature of up to 100 °C. In addition, the closed build chamber supports successful printing by keeping the temperature constant.

Filament runout sensor detects filament status

The Filament Runout Sensor detects the status of your filament. If the filament is running low or breaks, your 3D printer will stop automatically. Add new filament and continue your 3D printing.

CREALITY

CR-5 PRO

DELIVER INDUSTRIAL ACCURACY ON YOUR DESKTOP

Reliable single extrusion | Versatile in multi-materials | Exact accuracy on prints

3D PRINTING INDUSTRY EVANGELIST

INDUSTRIAL
3D PRINTER

PRODUCT ADVANTAGES

ADVANTAGES

Stability Enhanced

All matal chamber body

Performance Strengthed

Silent motherboard ATMEL 2560 master chip

Safety Guaranteed

Quality MeanWell power 24V/350W

Reliable Single Extrusion

Newly designed nozzle with powerful cooling fan

More Supportable Materials

Nozzle temperature up to 250℃

Exact Accuracy on Prints

Print precison to 100 microns

Better Bed Adhesion

Carborundum glass platform

Large Print Size

300*225*380mm

Smart Supportive Functions

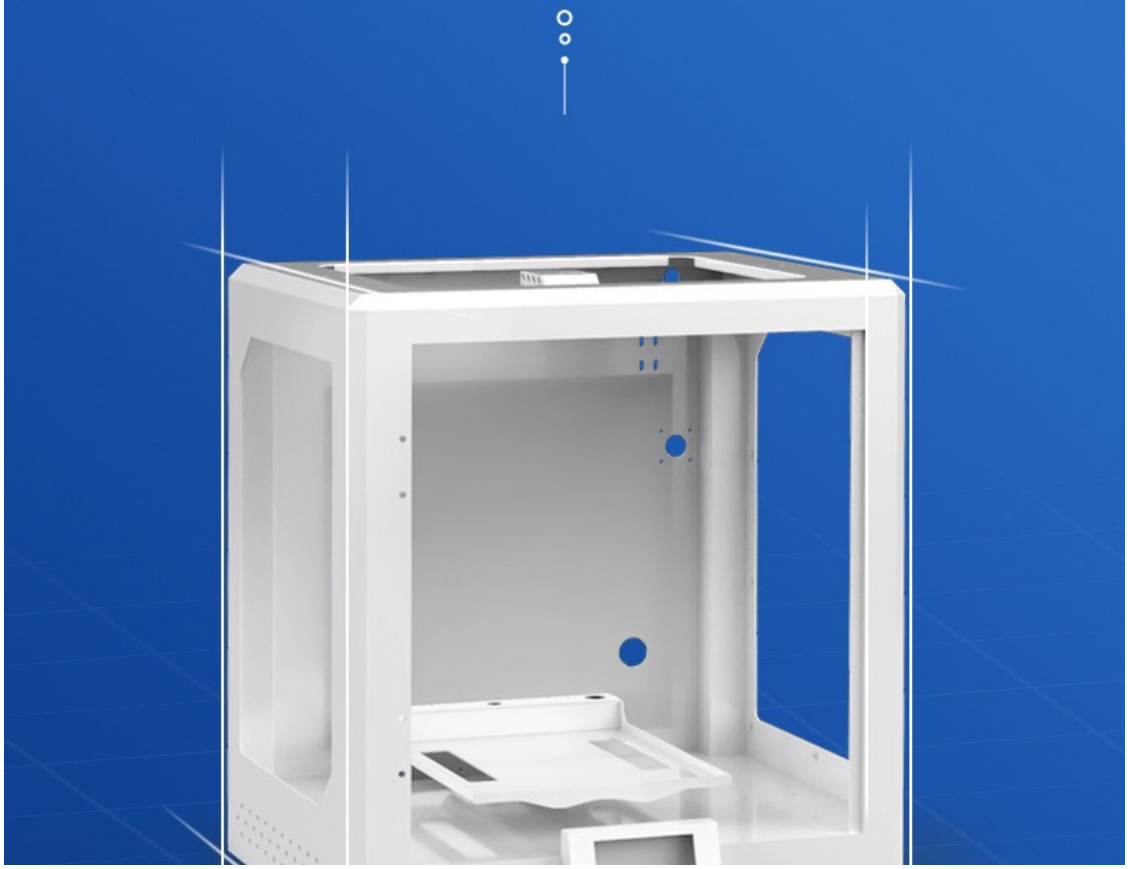
LED light reminder
Filament runout sensor
Resume printing mode

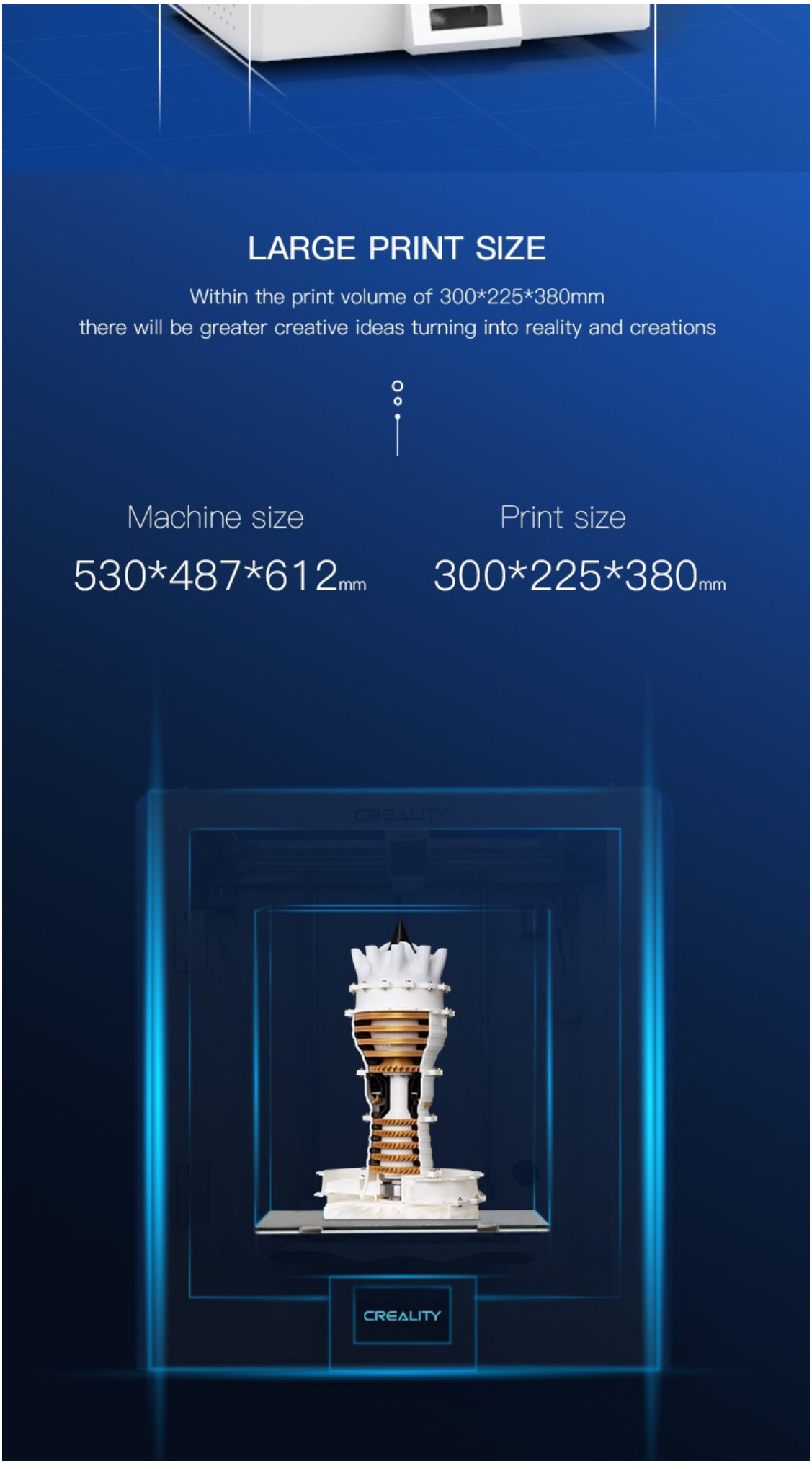
Your Desktop Workhorse to Achieve Industrial Production with Ease

CR-5 PRO boosts confidence to unlock demanding application with a wider range of materials and to deliver exacting quality results for all professionals and consumers.
Turn your complicated workload into simplified workflow.

Stability Enhanced with Firm Structure

Structural stability guranteed by sheet metal chamber body and Imported American Gates belt, less wobbling and higher stability during printing




LARGE PRINT SIZE
Within the print volume of 300*225*380mm
there will be greater creative ideas turning into reality and creations
Machine size
530*487*612mm
Print size
300*225*380mm
CREALITY
CREALITY

Performance Strengthed
by Industrial-grade Components
ATMEGA2560 master chip ensures high reliability/
smooth motion/precise voltage control/effective heat dissipation.
CREALITY
创想三维
Safety Guaranteed with
Branded Power Supply

The 24V/350W Branded power supply
supports voltage adjustment between 115V and 230V
promoting rapid heating-up and electric safety at the same time

24V/350W

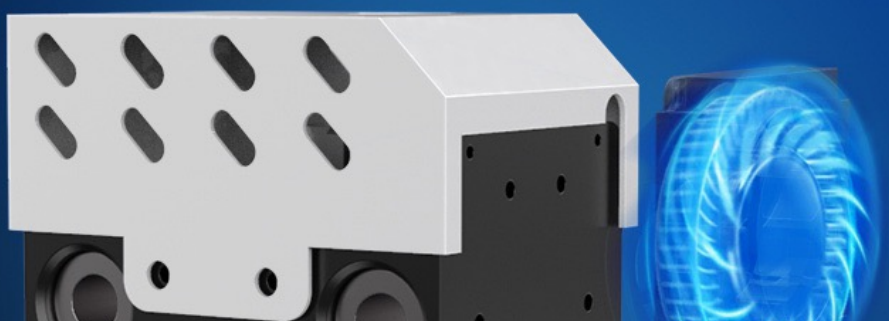
Branded power supply

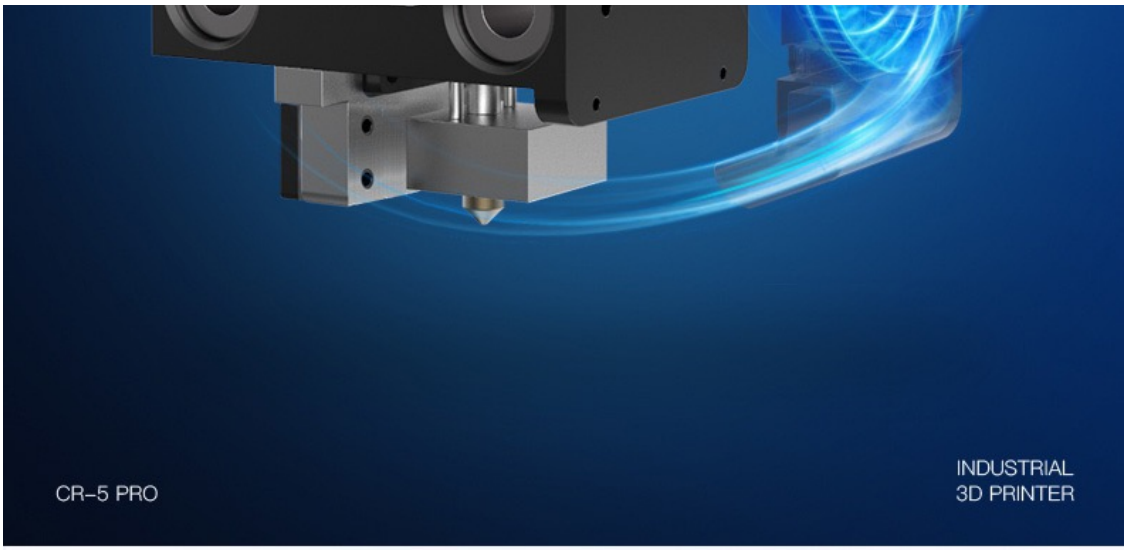
115/230V

Adjustable voltage

Trust in Newly Designed Nozzle

Newly designed Bowden extruder for feeding in filaments
smoothly and steadily. The powerful cooling fan will greatly improve heat
dissipation to produce smoother prints surface





More Material Choices

Nozzle temperature up to 250℃ and hotbed temperature up to 100℃. The enclosured chamber structure will help keep interior printing temperature for more material applications

Exact Accuracy on Prints

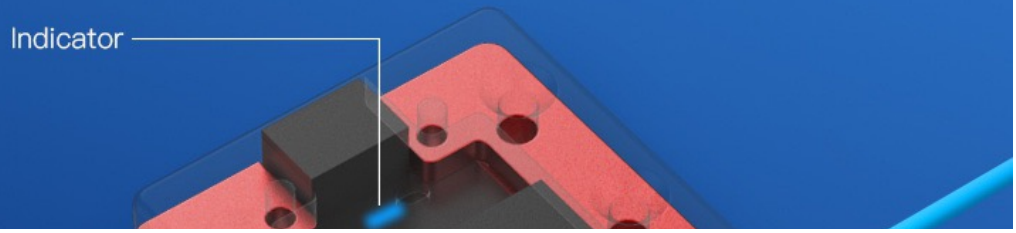
Equipped with precise transmission system
CR-5 PRO achieves 100 micron layer resolution and ensures XY axis position precision 0.012mm

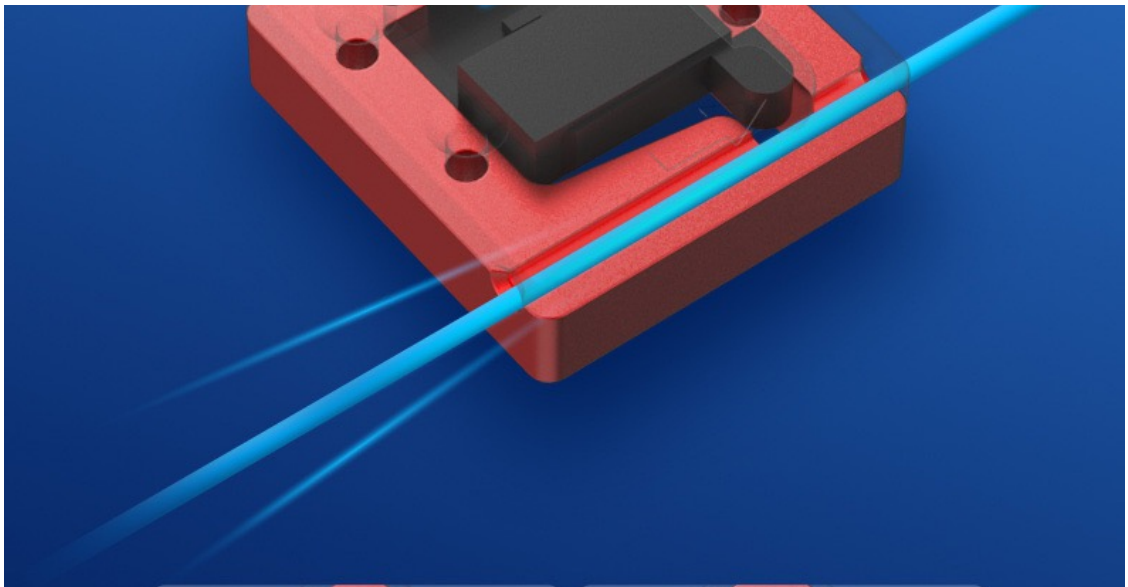
SMART SUPPORTIVE FUNCTIONS

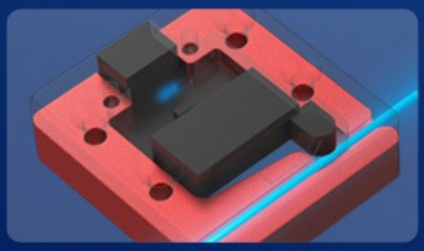
We dedicated to every details of each printer

FILAMENT RUNOUT SENSOR

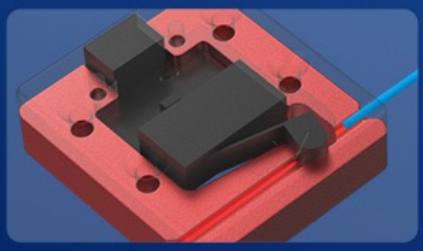
The sensor ensures higher printing success ration







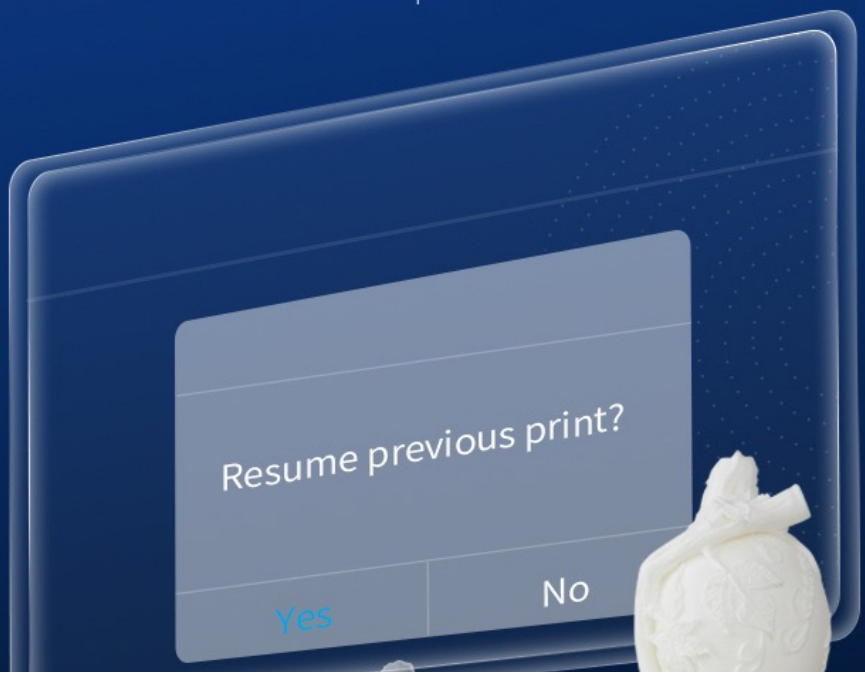
Light on for feed-in

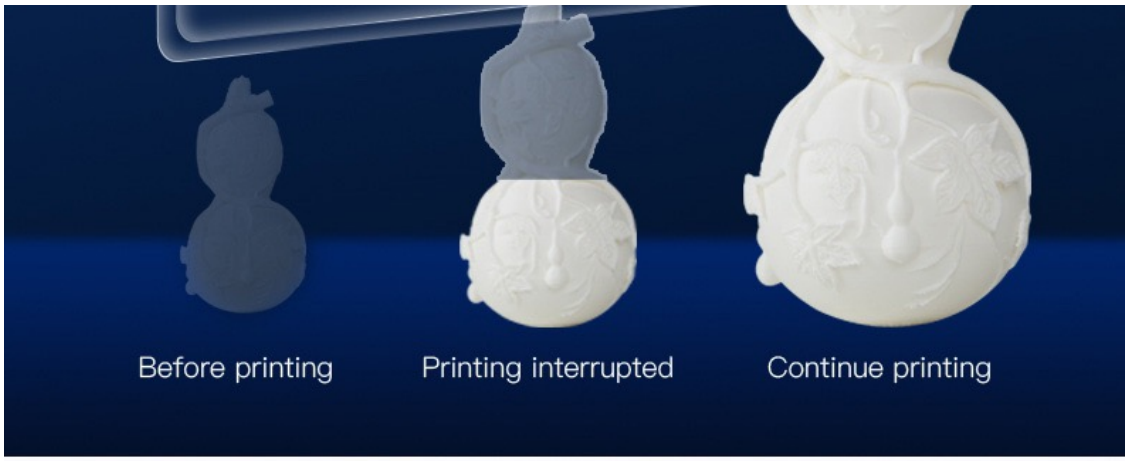


Light off for runout

RESUME PRINTING FUNCTION

It allows prints to continue printing
from where it stops





Better Bed Adhesion

With Carborundum glass platform installed, prints adhere better and remove easier, resulting in flat first layer as well

Rapid heating

Even print platform

No wrapping

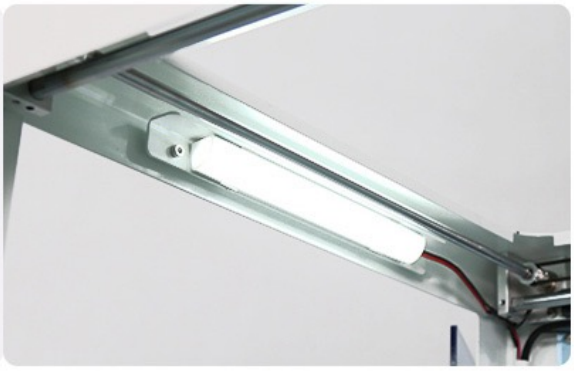
Repeated use

ALL FOR YOUR CONVENIENCE

Improved user experience with new add-ons

CONTROLABLE LED LIGHTS

Built-in LED light for both night illumination and print process reminder



EASY TO USE

4.3in color touch screen/
Simple user interface/
On-screen operation guide

APPLICATIONS

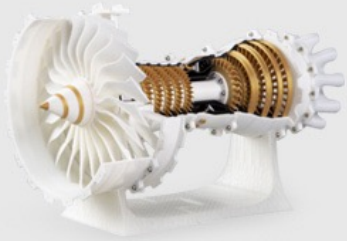
More Creality More Creations

ARCHITECTURE FIELD

MEDICAL FIELD

ANIMATION

AVIATION



And there is more creations for you to uncover.....

PRODUCT PARAMETERS

Print size 300*225*380mm	Machine size 530*487*612mm	Package size 625*545*710mm
Molding Tech FDM	Machine weight 32.5kg	Net weight 38.8kg
Nominal voltage 115/230V	Output voltage 24V	Nominal power 350W
Filaments	File format	Layer height

Filaments	File format	Layer height
PLA/ABS	STL/OBJ/AMF	0.1–0.4mm

Slicer software

Creality Slicer/Cura/Repetier–Host/Simplify3D

Print mode	Motherboard	UI interface
Online/SD card	Silent motherboard	4.3in touch screen

PRODUCT PARAMETERS

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 DLP 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, and having more than 20 patents with consumer, industrial and educational 3D printer.

Headquartered in Shenzhen, Creality 3D has branches in Beijing, Shanghai, Wuhan and Dongguan, 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.

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