

Ingenious manufacturing firmware upgrading

Creality 3D strictly takes control of quality and ensures stable performance of CR-10S Pro V2 by sampling and repeatedly testing 100 machines for over 1,000 hours in three months.

Repeatedly testing 100 machines for over 1,000 hours

1000+



AGTO LEVELING



DOUBLE-GEAR EXTRUSION



PREMIUM POWER



TEFLON TUBE

We guess what you want from a 3D printer

Reliable **properties** Stable performance

Simple operation **Easy** to use **Smooth to feed** in filaments

High printing precision

High **intelligent** level Neat fuselage

so ↓

Dense matrix measurement point

Precise and automatic leveling

Matrix automatic leveling, comprehensive measurement point
intelligent detection, dynamic leveling compensation



BL Touch Auto Leveling Upgraded version



Smart Quick Auto Leveling
One leveling Setting Fits For All Time
Accurate to 0.001mm

Classic version

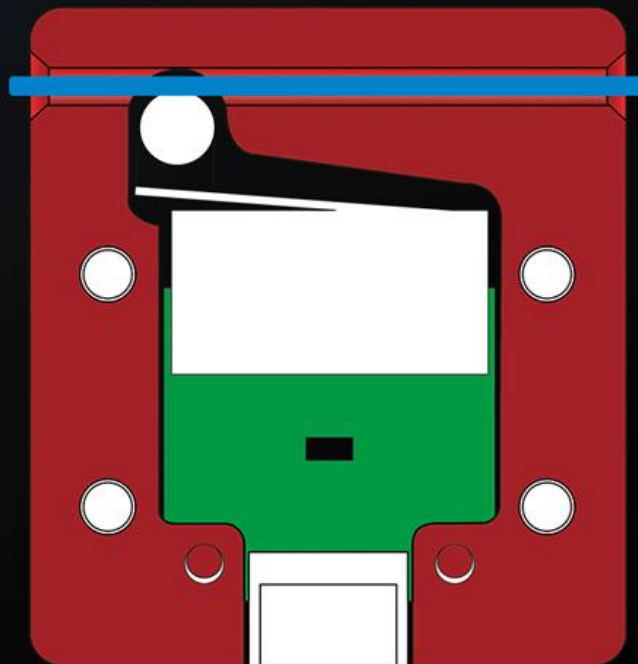


Normal Auto Leveling

Complicated Leveling Settings
Need Duplicate Leveling Settings
Not Accurate

Sensitive sensor Real-time detection

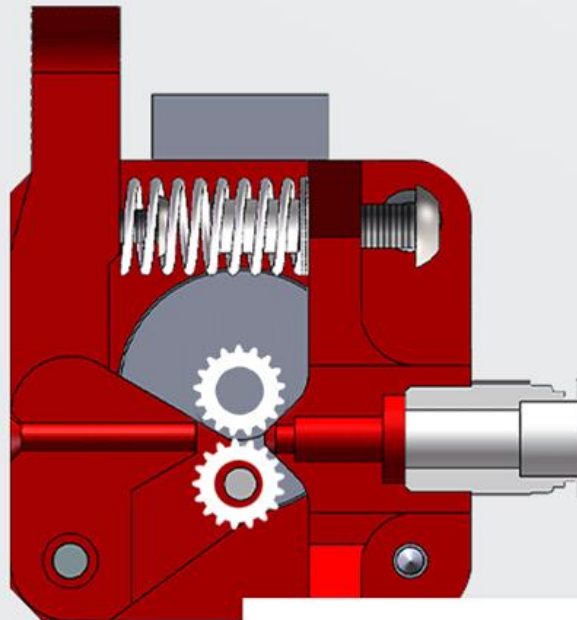
CR-10S Pro V2 has a newly-added innovative material shortage detection switch, highly sensitive to detect transparent materials



Double gear extrusion

Double feeding speed

Bondtech gear extrusion structure has two high-density gears and big extrusion force for smooth feeding



BONDTECH
Brand authorization

CREALITY		10
		Information Docs Open
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Excellent hotbed for rapid heating-up

CR-10S Pro V2 has a hotbed made of high-quality materials which can be heated up to 100°C within 5 minutes to reduce heating time and rapidly meet printing requirements



Heat enduring



Durability



Smooth
prints' base



Prints
easy removal

CREALITY

Intelligent detection

No need to worry about power outage

CR-10S Pro V2 features power supply protection device and a function of resuming printing even after a power outage. You needn't worry about unexpected power outage at all



Power outage during the printing process

If there are any reasons causing a blackout during the printing process



Resuming after power coming-back

It can automatically continue to print the mold after the power comes back.

Independently developed motherboard for stable performance and high precision

CR-10S Pro V2 adopts V2.4.1 motherboard independently developed and upgraded by Creality 3D
4-layer PCB uses solid filter capacitor for better ESD protection and more stable performance
TMC ultra-quiet drive 256 subdivision for finer printing



Print display



More stable with independently
developed motherboard
More precise with small
laminated striation

Digital HD touch screen

Touch screen has almost the same resolution as high-end mobile phones and large viewing angle. Printing status, functions and parameter setting are clearly displayed

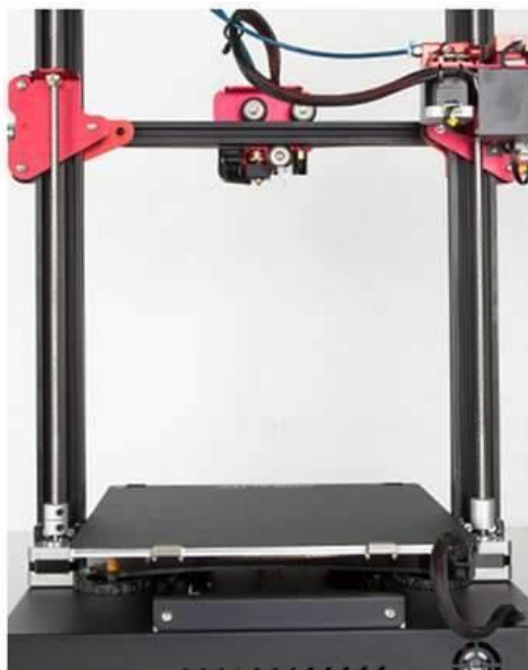


Two-step quick assembly

Reshape machine appearance

Upgrade user experience





Double screw rod-driven
More stable synchronous
operation

CR-10S Pro V2 is driven by Z-axis double
screw rods with better synchronization and
more stable operation for print precision



Fully integrated model

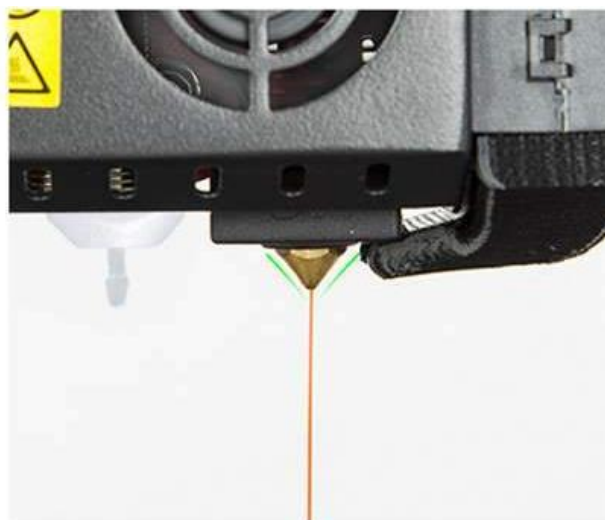
Neat and simple

01

02

Featured high-quality bronze nozzle

Bronze with excellent impermeability to effectively reduce the overflow of materials



03

User-friendly large nut

Ultra-large nut for easy leveling



04

Neat single-row line design

Single-row box header for rapid wiring and assembly



Product parameters

Technology	Print size
FDM	300*300*400mm
Print precision	Slice thickness
±0.1mm	0.1–0.4mm
Working mode	Nozzle diameter
online or TF card offline	standard 0.4mm
Number of extruder	File format
1	STL/OBJ/AMF
Extruder temperature	Heatbed temperature
≤260℃	≤100℃
Slicing software	Machine power
Cura/Repetier-Host/Simplify3D	480W
Print speed	
Print speed: ≤180mm/s, normal 30–60mm/s	
Print material	
PLA, ABS, TPU, wood, copper-containing materials, gradient	
Power supply	
Power supply: input: 100–240V 5.9A 50/60Hz output: DC 24V 21A	