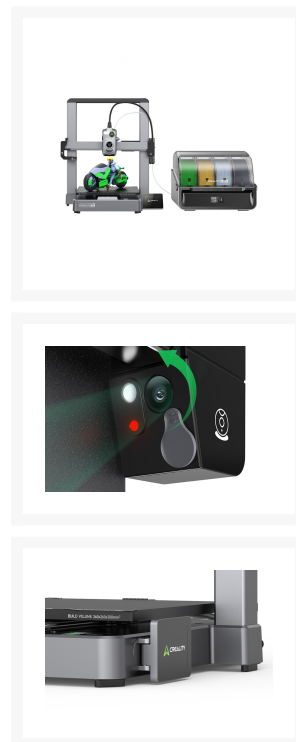## 3D PRINTER HI COMBO

€ 549,00
Excl. BTW: € 453,72

Afbeeldingen

Beschrijving

The Creality Hi Combo is an innovative 3D printer that enables multi-color printing thanks to its Color-Fusion System (CFS), allowing up to 16 colors when additional modules are connected. Equipped with advanced features such as automatic leveling, fast table heating, intelligent RFID filament recognition and active vibration suppression, it provides exceptional precision and smooth operation even at extreme speeds. Its metal construction, quiet operation (<48 dB), intelligent filament management and operation on Creality OS and Creality Print make it ideal for both professionals and those starting out in 3D printing.

Print in multiple colors

The Creality Hi Combo is a breakthrough solution for any 3D printing enthusiast who wants to give their models a unique, multi-color look. With the innovative Color-Fusion System (CFS), you can connect up to four CFS units to print in a stunning palette of 16 colors, eliminating the need to manually change filaments. With RFID smart filaments, the Creality Hi Combo recognizes the material, its color and its properties, resulting in even better print quality and smoother management of multicolor projects. The kit comes with one CFS unit - if you want to use the full range of colors, just buy additional modules.

Intelligent filament recognition

A built-in RFID sensor in the base of the printer automatically identifies the type and color of Creality filament. Just scan the spool on the right side and the system will adjust the settings on its own. In addition, the device will alert you if there is a mismatch between the material and the cutting parameters, eliminating the risk of printing errors.

Precise layering

A perfect print starts with a perfectly leveled table. The Creality Hi Combo offers an advanced automatic leveling system that guarantees perfect adhesion of the first layer to the platform. Two independently controlled drive screws adjust the position of the X-axis, and a precision pressure sensor in the print head automatically scans the work surface to ensure a perfect calibration grid.

Easy and fast operation

The printer is equipped with a 1000W heated work table that reaches 60°C in 30 seconds and 100°C in 90 seconds. Such fast heating shortens the preparation time for printing, increasing productivity and enabling stable adhesion of the filament to the surface. In addition, thanks to the CFS mechanism, changing the filament is simpler than ever. Simply insert the filament into the feeder tube and touch the screen to start loading or unloading it. The entire process is smooth and seamless, saving time and eliminating the risk of errors.

Express assembly and audible notifications

Forget about the lengthy assembly of the printer - the Creality Hi Combo comes 95% assembled, with just seven screws tightened and a few wires connected to get it up and running. The quick assembly makes it one of the most intuitive bed slinger printers for the user. In addition, for your comfort, the Creality Hi Combo notifies you when a job is finished or when there is an unexpected interruption with a built-in buzzer. This means you don't have to constantly monitor the printing process, allowing you more freedom while you work.

Foldable touch screen and built-in camera

The printer features a 3.2-inch touchscreen that responds instantly to touch, and can be easily folded away to reduce space. An optimized cable connection enhances stability and reliable operation. A built-in camera allows you to track your progress and share time-lapse videos with a single click. If you value privacy, you can use a protective cover for the camera, giving you full control over your recordings.

Quiet and precise operation

Thanks to dynamically balanced fans, a resistance-free linear guide and smooth linear bars, the Creality Hi Combo runs extremely quietly. In Silent Mode, the noise does not exceed 48 dB, which means that you can print even at night without disturbing your household members. The printer impresses not only with its styling and quiet operation, but also with its stability. The metal construction with cast aluminum parts minimizes vibration, while the linear guide on the X-axis and dual rods on the Y-axis ensure unparalleled precision and excellent print quality.

Active vibration compensation

The use of a proprietary vibration compensation algorithm makes it possible to analyze vibrations at different printing speeds and actively eliminate them. As a result, prints are faster, free of ringing and have a perfectly smooth surface. CFS allows you to create support structures from a different material, making their removal easier and more precise. You can choose water-soluble supports, eliminating the risk of visible marks on the final model.

Intuitive software and application access

The most advanced version of Creality OS offers management of multiple filaments, expert mode for full control over printing, and compatibility with FLUIDD WebUI for easy operation from a web browser. The completely revamped Creality Print software offers 40+ presets for filaments, support for 3MF models, and the ability to control multiple

printers via LAN. And Creality Cloud gives you access to a library of 3D models, enables remote printing and lets you interact with other printing enthusiasts.

Advanced features and powerful engine power

The Creality Hi Combo is equipped with metal extruder gears for exceptional durability, an automatic filament cutter for fast and clean cutting, and an integrated nozzle that reduces the risk of clogging and allows for instant replacement. Thanks to its stepper motors with FOC algorithm, the Creality Hi Combo provides smooth and precise operation even at extreme speeds - 500 mm/sec maximum print speed and 12,000 mm/sec maximum acceleration.

Included

- printer
- Creality CFS system
- Teflon tube
- Z axis motor cover x2
- power cable
- M4x8 screw with ball head and Allen socket x4
- M3x8 screw with ball head and Allen socket x2
- self-tapping screw M3x5 with flat head
- Allen wrench
- socket wrench
- filament
- cutting pliers
- nozzle cleaner
- instruction manual

Manufacturer	Creality
Model	Hi Combo
Printing technology	Fused Deposition Modeling (FDM)
XYZE motors	Servo stepper motor for X/Y axis; stepper motor for other axes
Working area	260 × 260 × 300 mm
Printer dimensions	409 × 392 × 477 mm
File transfer	USB drive / Wi-Fi
Screen	Color touch screen 3.2"
Weight	13.31 kg
Monitoring camera	Yes
Automatic filament change	Yes (with CFS)
Filament end sensor	Yes
Filament entanglement detection	Yes
Input Shaping (G-sensor)	Yes
Work light	Yes

Printing speed	300 mm/s (typical); 500 mm/s (maximum)
Rated voltage	AC 100-240V / 50 Hz
Acceleration	≤ 12000 mm/s²
Rated power	1150W@220V; 390W@110V
Printing accuracy	100±0.1 mm
Supported materials	Hyper-PLA, PLA, PETG, ABS, PLA-CF
Layer height	0.1-0.35 mm
Model cutting software	Creality Print 5.1 and later versions
Extruder	Direct extruder (Direct Drive)
Maximum number of filaments	1 (without CFS); 16 (with four CFS units)
Filament diameter	1.75 mm
User interface languages	English, German, Spanish, French, Italian, Portuguese, Turkish, Russian, Japanese, Chinese
Nozzle type	Three-metal, durable nozzle
RFID filament	Supported
Nozzle diameter	0.4 mm (compatible with 0.6/0.8 mm)
Supported file formats	G-code, 3MF
Nozzle temperature	≤ 300°C
CFS	Yes
Heating table temperature	≤ 100°C
CFS connection	≤ 4 (separate power source required for 2 or more units)
Working surface	Double-sided flexible epoxy board
Cloud printing application	Creality Cloud
Leveling mode	Full automatic calibration
File memory	8 GB EMMC

CSF

Dimensions	379 × 314 × 276 mm
Connection port	Creality 485 × 2

Weight	4.56 kg
Power supply	DC 24V
Number of filament slots	4
Rated power	20W
Drying method	Drying agent
Status indicator	Indicator LED (white/red) × 4
Filament buffer	IN × 4 & OUT × 1
Display screen	Segmented LCD
Number of extensions	≤ 4
Compatibility with filament spools	Filament spool 1 kg; diameter: 197-202 mm; thickness: 42-68 mm
RFID filament recognition	Yes
Supported filaments	PLA, PETG, ABS, ASA, PET, PLA-CF (incompatible with flexible TPU, wet BVOH/PVA and curled cardboard spools)
Filament diameter	1.75±0.05 mm
Automatic filament replacement	Yes

Productinformatie

Artikelnummer	HICOMBO
Merk	CREALITY
Is on Sale	Nee