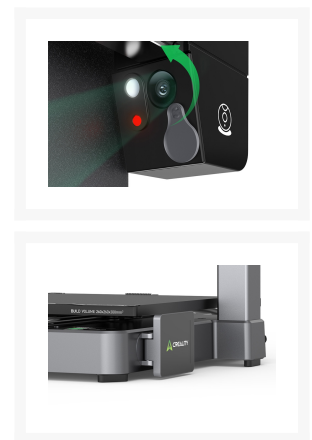


3D PRINTER HI

€ 249,01

Excl. BTW: € 205,79

Afbeeldingen



Beschrijving

Creality Hi is an innovative 3D printer that comes with advanced features such as automatic leveling, fast table heating and active vibration dampening. It provides exceptional precision and smooth operation even at extreme speeds. Its metal construction, quiet operation (<48 dB), and Creality OS and Creality Print systems make it ideal for both professionals and those starting out in 3D printing. The printer also allows optional multicolor printing - just equip yourself with the CFS system, available for sale separately.

Perfect first layer

A perfect print starts with a perfectly leveled table. Creality Hi offers an advanced automatic leveling system that ensures the first layer is perfectly glued 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, ensuring 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 prepress time, increasing productivity and enabling stable adhesion of the filament to the surface. The entire process is smooth and seamless, saving time and eliminating the risk of errors.

Express assembly and audio notifications

Forget about the lengthy assembly of the printer - the Creality Hi 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 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 touchscreen 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 operates extremely quietly. In Silent Mode, the noise does not exceed 48 dB, which means 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.

Intuitive software and application access

The most advanced version of Creality OS offers filament management, expert mode for complete print control, and FLUIDD WebUI compatibility 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 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. With stepper motors with the Creality Hi's FOC algorithm, it provides smooth and precise operation even at extreme speeds - 500 mm/sec maximum print speed and 12,000 mm/sec maximum acceleration.

Included

- printer
- 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	Crealty
Model	Hi
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	8.75 kg
Monitoring camera	Yes
Automatic filament change	No
End of filament sensor	Yes
Filament entanglement detection	Yes
Input Shaping (G-sensor)	Yes
Worklighting	Yes
Printing speed	300 mm/s (typical); 500 mm/s (maximum)
Rated voltage	AC 100-240V / 50 Hz
Acceleration	≤ 12000 mm/s ²
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	Crealty Print 5.1 and later versions
Extruder	Direct extruder (Direct Drive)

Maximum number of filaments	1
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	No
Nozzle diameter	0.4 mm (compatible with 0.6/0.8 mm)
Supported file formats	G-code, 3MF
Nozzle temperature	≤ 300°C
CFS	No
Heating table temperature	≤ 100°C
Working surface	Double-sided flexible epoxy board
Cloud printing application	Creality Cloud
Leveling mode	Full automatic calibration
File memory	8 GB EMMC

Productinformatie

Artikelnummer	HI
Merk	CREALITY
Is on Sale	Nee

