



3D Printer Creality Ender-5 Max High-Speed CoreXY Direct Drive (400x400x400mm)



Modelis: 1201020516

Gamintojas: CREALITY

EAN: 6971636406747

Prekės kodas: 352295

706.99€

Creality Ender-5 Max: Large Volume, Professional High-Speed 3D Printing

The Creality Ender-5 Max is engineered for demanding users and professional manufacturing projects requiring speed, stability, and precision on a large scale. Featuring a robust, all-metal frame and the efficient CoreXY structure, this 3D printer delivers exceptional reliability. Its massive 400 x 400 x 400 mm build volume allows you to execute large models in one piece or mass-produce smaller components efficiently.

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame patikrinti aktualią informaciją.

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Unmatched Speed and Precision

Experience leading performance with print speeds reaching up to 700 mm/s and acceleration up to 20,000 mm/s². The precision CoreXY design ensures that high speeds do not compromise quality. Every model detail is reproduced precisely, guaranteeing excellent consistency and layer robustness suitable for prototypes, technical components, and demanding decorative elements.

Advanced Stability and Calibration Features

- **Solid Construction:** The heavy-duty cast aluminum frame combined with precision linear guides on the X-axis ensures smooth, unwavering print head movement.
- **Robust Z-Axis System:** Two independent Z-axis motors, supported by dedicated leadscrews and linear guides, reliably lift models weighing up to 10 kg, eliminating issues like layer shifting.
- **36-Point Automatic Leveling:** The sophisticated automatic leveling system guarantees a perfect first layer and a flawlessly smooth print surface every time.
- **Direct Drive Extruder & High Temp Nozzle:** Capable of reaching 300°C, the direct drive extruder handles a wide variety of advanced and engineering filaments, including ABS, ASA, PA, and PLA-CF.

Seamless Workflow and Operation

The Ender-5 Max is ready for professional environments. The powerful 1,000-watt heating table rapidly achieves the required temperature (up to 100°C), supporting diverse material usage. Operational noise is kept below 55 dB, allowing for silent integration into any workspace.

Smart Features for Enhanced Productivity:

- **Connectivity:** Enjoy hassle-free file transfer via USB drive or Wi-Fi, with multi-printer management capabilities and resource sharing (8 GB ROM).
- **User Interface:** A 4.3-inch color touch screen simplifies operation, complemented by highly visible tri-color status indicators (Red/Green/Yellow) visible up to 10 meters away.
- **Reliability:** Features include power loss recovery, a filament run-out sensor, and Input Shaping technology for improved print accuracy and reduced vibrations.

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- **Filament Versatility:** Supports Hyper PLA, PLA, PETG, TPU95A, ABS, ASA, PLA-CF, and PA, ensuring compatibility for virtually any project requirement.

Creality is a global leader in the 3D printing industry, renowned for developing innovative and high-performance FDM and Resin printers that cater to both hobbyists and industrial professionals.

Focusing on accessible technology and robust designs, Creality printers consistently deliver quality and reliability.

Order the high-speed Creality Ender-5 Max today from ++SHOP++ and unlock the potential of large-format, professional additive manufacturing.

Creality Ender-5 Max

The Creality Ender-5 Max is a 3D printer designed for demanding users and professional projects. The solid, all-metal frame and 36-point automatic table leveling system guarantee excellent print quality from the first layer. Every detail of the model is precisely reproduced, and the print surface remains perfectly smooth. The consistency of layers and robustness of prints will satisfy even the most demanding customers.

Unmatched print speed and workspace

The Ender-5 Max impresses with its print speed, reaching up to 700 mm/s - a leading performance among CoreXY printers. Thanks to its precision design and advanced components, high-speed printing does not mean compromising on quality. Whether you're printing prototypes, technical details or decorative elements, every print is perfectly reproduced. With the device's impressive working space, you can realize larger projects without the need to divide them into parts - the Ender-5 Max allows you to print large models in one piece or mass produce smaller parts. It's ideal for professional workshops, manufacturing companies and 3D printing enthusiasts.

Stability, versatility and precision

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Solid cast aluminum construction and precision linear guides on the X-axis ensure smooth head movement without the slightest deviation. Two independent Z-axis motors, supported by pairs of leadscrews and linear guides, allow models weighing up to 10 kg to be lifted without problems. That's the end of problems with shifting layers or visible lines on the print surface. The ability to manage multiple printers via WLAN and tri-color status indicators that can be seen from up to 10 meters away make workflow easier. An optional enclosure allows the printer to maintain a higher ambient temperature, which is essential when printing with engineered filaments such as ABS or ASA.

Ready to work in all conditions

The printer operates stably at temperatures from 5 to 40°C, with no risk of clogging the print head, even during prolonged operation. The 1,000-watt heating table heats up quickly, allowing printing with a wide range of filaments, including PLA, PETG, PA, ABS and ASA. The Ender-5 Max supports input voltages from 100 to 240 V, eliminating the need to manually select settings. Thanks to its silent operation mode (noise level of less than 55 dB), the Ender-5 Max does not interfere with daily operations. Features of automatic filament loading and unloading, input resource sharing, 8 GB of ROM and Wi-Fi connectivity make printing simpler and more intuitive than ever before.

Manufacturer	Creality
Model	Ender-5 Max
Printing technology	Fused Deposition Modeling (FDM)
Working volume	400 × 400 × 400 mm
Printer dimensions	649 × 721 × 850 mm
Printer weight	≤ 25.9 kg
Printing speed	≤ 700 mm/s
Acceleration	≤ 20,000 mm/s ²
Printing accuracy	100 ± 0.1 mm
Layer height	0.05-0.3 mm

Extruder

Direct Drive Extruder

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Filament diameter	1.75 mm
Nozzle diameter	0.4 mm (compatible with 0.6/0.8 mm nozzles)
Nozzle temperature	≤ 300°C
Working table temperature	≤ 100°C
Working platform	Flexible epoxy plate
Leveling system	Automatic leveling at 36 points
Indicator lighting	Red/Green/Yellow
File transfer	USB drive / Wi-Fi
Screen	Color touch screen 4.3 inches
Camera	Optional
Recovery after power loss	Yes
Sensor for lack of filament	Yes
Input Shaping (signal shaping)	Yes
Lighting kit	Yes
Sleep mode	Yes
Rated voltage	100-240 V AC, 50/60 Hz
Rated power	1250 W
Operating temperature	5°C - 40°C
Supported filaments	Hyper PLA, PLA, PETG, TPU95A, ABS, ASA, PLA-CF, PA, PLA-Silk
File format for printing	G-Code
Cutting software	Creality Print 5.1
Cutting file formats	STL, OBJ, 3MF
Cloud printing application	Creality Cloud
User interface languages	English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese, Korean, Chinese

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Printing speed (mm/s): 700, Printer type: FDM , Gross weight: 31900, Net weight: 25900, Box length: 73,20, Box width: 67,90, Box height: 41,00, Information about data generation:
<https://dataact.innpro.pl/creality/6971636406747>

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