

# Creality CR-10 SE 3D Printer



Model: CR-10 SE

Manufacturer: CREALITY

EAN: 6971636400998

Product Code: 1300942

## R5,453

### Creality CR-10 SE 3D Printer

The Creality CR-10 SE 3D Printer is an advanced device that combines precision, speed, and ease of use, making it the perfect solution for both professionals and enthusiasts. Equipped with automatic leveling, precise linear rails, an advanced cooling fan, innovative printing algorithms, and fast task execution, this printer is the epitome of efficiency and quality. With a wide range of supported filaments and advanced connectivity options, the Creality CR-10 SE is a versatile tool for anyone seeking excellence in 3D printing.

### Automatic Leveling - First Layer Perfection

Automatic leveling in the Creality CR-10 SE printer is the key to achieving perfect prints. It allows for a neat, smooth, and uniform first layer without the need for manual calibration. This simplifies and streamlines the printing process, significantly reducing the entry barrier for new users and ensuring high-quality prints even in the hands of beginners.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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## Precise Linear Rails - Stability and Accuracy

Precise linear rails on the X and Y axes guarantee unmatched stability and accuracy in the printer's movements. Made from durable steel and equipped with ball bearings, these rails minimize friction, ensuring smooth motion and reliability. This is a crucial element that translates into exceptional print quality.

## Advanced Cooling Fan - Better Bridges and Overhangs

The 12,000 RPM fan is an innovation that significantly improves print quality. Its strong airflow immediately cools the freshly printed section of the model, allowing for the creation of better bridges and overhangs. This is particularly important for complex geometries and thin elements that require precise cooling.

## Quality-Optimizing Algorithms

The use of advanced algorithms in the Creality CR-10 SE printer is another step towards perfection. These algorithms effectively dampen printer vibrations, minimizing distortions, and optimizing material flow. The result is a significant improvement in print quality, with a particular focus on precision and detail sharpness.

## Printing Speed - Practical Efficiency

Printing speeds up to 600 mm/s with acceleration up to 8000 mm/s<sup>2</sup> are exceptional features of the Creality CR-10 SE printer. It allows for fast task execution, significantly reducing the time required to create a model. This is especially important in professional environments where time is a critical factor.

## Specifications

|                     |                   |
|---------------------|-------------------|
| Brand               | Creality          |
| Model               | CR-10 SE          |
| Printing Technology | FDM               |
| Build Volume        | 220 x 220 x 250mm |

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|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| <b>Product Dimensions</b>     | 490 x 470 x 625mm                                   |
| <b>Device Weight</b>          | 7.8kg                                               |
| <b>Printing Speed</b>         | Up to 600mm/s                                       |
| <b>Acceleration</b>           | Up to 8000mm/s <sup>2</sup>                         |
| <b>Printing Accuracy</b>      | 100±0.1mm                                           |
| <b>Layer Height</b>           | 0.1-0.35 mm                                         |
| <b>Filament Diameter</b>      | 1.75mm                                              |
| <b>Data Transfer</b>          | USB Drive, LAN Printing, Cloud Printing             |
| <b>Extruder</b>               | Upgraded Direct Drive "Sprite" Extruder             |
| <b>Leveling Type</b>          | Automatic                                           |
| <b>Nozzle Diameter</b>        | 0.4mm                                               |
| <b>Nozzle Temperature</b>     | Up to 300°C                                         |
| <b>Heated Bed Temperature</b> | Up to 110°C                                         |
| <b>Build Surface</b>          | Elastic PEI Build Plate                             |
| <b>Leveling Mode</b>          | Automatic                                           |
| <b>Display</b>                | 4.3-inch Touchscreen                                |
| <b>Mainboard Type</b>         | 32-bit Mainboard                                    |
| <b>Lighting Kit</b>           | Yes                                                 |
| <b>Filament Runout Sensor</b> | Yes                                                 |
| <b>Lighting Kit</b>           | Yes                                                 |
| <b>Camera</b>                 | Optional                                            |
| <b>AI LiDAR</b>               | Optional                                            |
| <b>Rated Power</b>            | 100-240V~, 50/50Hz                                  |
| <b>Power Consumption</b>      | 350W                                                |
| <b>Supported Filaments</b>    | PLA, PETG, PET, TPU, Wood PLA, ABS, ASA, PA, PLA-CF |
| <b>Slicing File Format</b>    | STL, OBJ, 3MF, STEP                                 |
| <b>Slicing Software</b>       | Creality Print, Cura, Simplify3D, PrusaSlicer       |
| <b>Print File Format</b>      | G-code                                              |

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**Interface Languages** English, Spanish, German, French, Russian, Portuguese, Italian, Turkish,  
Japanese, Chinese

Net weight: 9270, Box length: 51,00, Box width: 50,00, Box height: 27,50, Gross weight: 12110,  
Printing speed (mm/h): 600, Printer type: FDM , GPSR Link: [https://psr-  
assets.innpro.pl/creative\\_technologies/sg\\_creative\\_technologies\\_3d\\_print.pdf](https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_print.pdf), Information about data  
generation: <https://dataact.innpro.pl/creality/6971636400998>

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