

3D Printer, MeCreator 2, best value 3D Printer (8990 R)



Location **Gauteng, Midrand**
<https://www.freeadsz.co.za/x-179950-z>



3D Printer value at it's best

The new MeCreator 2 features half open box design, delivered fully assembled and ready to print. The heated print bed enables printing of a wide variety of materials. The build volume of 160 mm x 160 mm x 160 mm is sufficient for most home users and hobbyists. The control board and power supply unit are fitted in the base of the printer. This compact and space efficient design, provides stable support for printing as well as protection. Upgraded hardware and optimized firmware bring you excellent printing results. Printing precision is up to 0.05mm, and the positioning precision is up to 0.05mm for X/Y axis and 0.02mm for Z axis.

The MeCreator 2 supports various filaments including ABS, PLA, flexible PLA and wood-polymer. MeCreator 2 is equipped with LCD2004 controller, which enables stand-alone printing with SD card. MeCreator 2 will be delivered fully assembled and factory tested. Get a MeCreator 2 now, and welcome to the wonderful world of 3D printing!

Features:

1. Safe, stable and space-efficient
 Attractive, high-quality steel chasis makes the printer firm and durable. The main board and power supply unit are installed in the bottom of the printer, lowering the center of gravity of the printer, providing stable support for printing. The half-opened design of the printer provides you with enough protection, as well as various perspectives to observe the printing process.
2. High-performance control board

The control board is the Lank developed GT2560B 3D printer control board which is powered by ATmega2560. With a 256KB flash memory, 16MHz clocking frequency, 128KB SRAM, providing enough power for MeCreator 2 to achieve high performance. It is equipped with MK8 extruder whose nozzle diameter is 0.4mm, whose heating device uses 20W 220V AC which can ensure stable and constant feeding. The heat-resisting PTFE tube inside the barrel ensures fluent feeding and helps avoid blocking problem thanks to its self-lubricity. The precise mass nozzle ensures accurate extrusion, realizing excellent printing effect.

3. Higher transmission accuracy of Z-axis
 Z-axis adopts high-precision lead screw which is able to convert rotary motion to linear motion. The lead screw features high accuracy, reversibility and high efficiency. It can achieve accurate micro-feeding to ensure printing precision, and high-speed feeding to ensure fast printing speed.



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5. Better adherence with heat bed

The printing platform is made up of high-quality aluminum alloy plate and superior heat bed, which can be heated up to 110°C, ensuring better adherence of filament, preventing the first layers from warping, providing better printing quality.

6. Various filaments supported

The upgraded hardware and optimized firmware allow MeCreator 2 to support various filaments including ABS, PLA, flexible PLA and wood-polymer filament.

7. Larger printing volume

MeCreator 2 is increased to 160x160x160mm. You can print more kinds of models of larger volume.

8. Supporting various 3D printer software

MeCreator 2 supports most kinds of popular 3D printer control software including Repetier Host, Printrun and 3D Simplify, and it supports slicing software like Cura and Slic3r, whose intuitive UI design and simple operation bring you good user experience.

9. Supports stand-alone printing with SD card

MeCreator 2 adopts LCD2004 controller, on which the detailed printing status are clearly presented on the screen. In addition, there is an SD card slot for LCD, with an SD card, MeCreator 2 can easily realize stand-alone printing. This allows you to print without connecting your MeCreator 2 to computer and helps you avoid possible printing interruption problem caused by the breakdown of computer.