

Multi-Tool 3D Printer

with automatic exchange of 4 extruders



Multiple extruders

The use of multiple extruders is a key feature that makes the difference in Moso MT. By using multiple extruders, downtime during switching between models and support materials is eliminated. It allows you to have dedicated extruders for each type of material and choose them from the software without having to touch the printer.





Double your performance.

Moso MT introduces innovative tool exchange technology that revolutionizes usability and printability compared to other FFF printers. These advances allow printing with multiple materials simultaneously, as well as with different types of extruders, diameters and configuration for each of them.

Integrated Material Dryers

Reduce failure rate due to material moisture. Built-in dryers that combine dry air and temperature keep materials at the proper humidity levels for proper printing and to maintain optimal mechanical properties.

Self-calibration

Autocalibration reduces the time needed to print. Calibration is performed automatically in a matter of minutes, without requiring operator intervention, and includes the flatness of the bed and the offset between extruders.

Multi-resolution printing

The multi-extruder printer offers the flexibility to print with a variety of extruder diameters in a single job. Thicker lines allow for faster deposition, suitable for parts where aesthetics are not paramount, while thinner lines are used in areas requiring a finer surface finish.

Get support and help when you need it.

When you need assistance, our global support team is available to help, from professional installation to application guidance and contract manufacturing services. Whether optimizing your print results, troubleshooting, providing training, or manufacturing parts, Moso 3D Support Services has the experience and breadth to keep you up and running.





Maximize the use of your printer: A versatile and easy-to-use tool.

Cutting-edge technology does not have to come with a difficult learning curve. Along with integrating the latest advances in FFF technology, Moso MT features make it easy to use. In an era where skilled labor is increasingly scarce, Moso MT is specially designed to allow virtually anyone to use it with minimal instructions.

Intuitive user interface

The intuitive user interface stands out from the start with a touch screen that controls the printer, offering information about the extruder, material, printing status, as well as step-by-step instructions for various maintenance processes.

Self-calibration

After changing tools, the printer automatically calibrates itself within minutes without the need for user intervention.

Easy access to print bays

The material compartments and extruders are located on the sides of the printer with very easy access. In this printer you can use both 1.75 and 2.85mm filaments.

Easy to use software

Ultimaker Cura offers an intuitive and simple CAD-to-print workflow, providing advanced tools to verify the integrity of design files, organize print queues, and receive real-time notifications on the status of the printing process, making it easy a more complete and efficient user experience.

Use any material

Unlike other printers, the philosophy of this printer allows the use of advanced technical materials from any supplier. You can print from the simplest PLA and ABS, to Polypropylene, PA6, PA12, PPSU, filaments loaded with carbon fiber, glass or Kevlar, Iglidur, ceramic or metal filled materials... Choose the right tool and print any material.



Multi material printing

Switching tools really means being able to print on multiple materials without jams, even if they have different requirements, because each material has its own extruder.

Thanks to its customized design and simple configuration, the Moso MT printer is the ideal solution for printing any 3D project with multiple technical materials simultaneously.





Printing with technical materials and soluble supports

Thanks to Xioneer materials, our printer is capable of manufacturing parts with combinations of technical materials and dissolvable supports. We have different supports for materials with different fusion temperatures.



FFF Metal Print



Ceramic Material Printing

Thanks to the Open Source Materials philosophy, our printer is ideal for researching novel materials, being able to use tools dedicated only to one type of material or develop new tools for materials that are difficult to print, such as materials with a high particle load.

We work with ceramic materials for engineering, medical, defense or mobility applications, from companies such as Blesol Tech and Cramik, for which we develop new tools.

The Moso MT Printer is capable of reliably printing advanced materials from Blesol Tech and BASF Ultrafuse and manufacturing sintered steel parts with filament technology.



Ultrafuse® 316L - Stainless steel Ultrafuse® 17-4H - High hardness stainless steel

BLESOL·TECH FN08, 17-4PH, 316L, In-718, CoCrMo, Alu-95, YSZ, ...











MOS

Moso MT ECO is a version of our 3D printer with an exclusive design and natural bamboo enclosure.



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C MCSC MT ECO



ELEX

+ Choose the extruder + printing base + materials that best suit your activity



MCSC3D

An extruder for each type of material





Tool for the most common materials.

Avoid common printing problems with this custom tool.

Nozzle: 0.4 / 0.6 / 0.8 mm Filament: 1,75 mm Materials: PLA/ABS/ASA/PETG/PP/Soluble Temperature: up to 280°C Nozzle Material: Brass





Special extruder for Flexible Filaments Avoid common printing problems with a custom extruder for soft, flexible filaments.

Nozzle: 0.4 / 0.6 / 0.8 mm Filament: 2,85 mm Materials: TPU / TPE / Flexible Temperature: up to 280°C Nozzle Material: Nickel-plated copper





Extruder for Reinforced Fibers

A custom designed tool for printing technical materials with reinforced and abrasive fibers at high temperature.

Nozzle: 0.6 / 0.8 mm Filament: 1,75 mm Materials: PPS, PPSU, PA6, PA12 Carbon, reinforced fibers Temperature: up to 350°C Nozzle Material: Hardened steel







High Speed Materials







Ceramic filled filaments



All kind of pellet extrusion.





Build Volume	300 x 300 x 300 mm
Exterior Size	806 x 737 x 862 mm
Printing Technology	FFF (FDM)
Extruders / Tools	4 independent extruders
Nozzle Diameter	0,25mm, 0.4mm, 0.6mm, 0.8mm, 1mm
Nozzle Temp.	400 °C
Heated Bed Temp.	150 °C
Heated Chamber Temp.	70 °C
Bed Leveling	Automatic
Offset Calibration	Automatic
Weight	90 kg
Max. Power	2000 W
Voltage	220 V / 50 Hz
Maximum Working speed	250 mm/s
Maximum Acceleration	1500 mm/s ²
Mechanical Precision (XYZ)	12.5, 12.5, 1.25 micron
Material Storage	Humidity Control
	Temperature Control (50° C max.)
Air quality control	HEPA filter
	Active Carbon filters
Compatible Filament Diameter	1.75 mm
	2.85 mm
Internal material load	4 x 1 Kg. Spools
External material load	Unlimited
Connectivity	Ethernet, USB port, SD Card
Noise Emission	< 54 dB







CONTACT

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