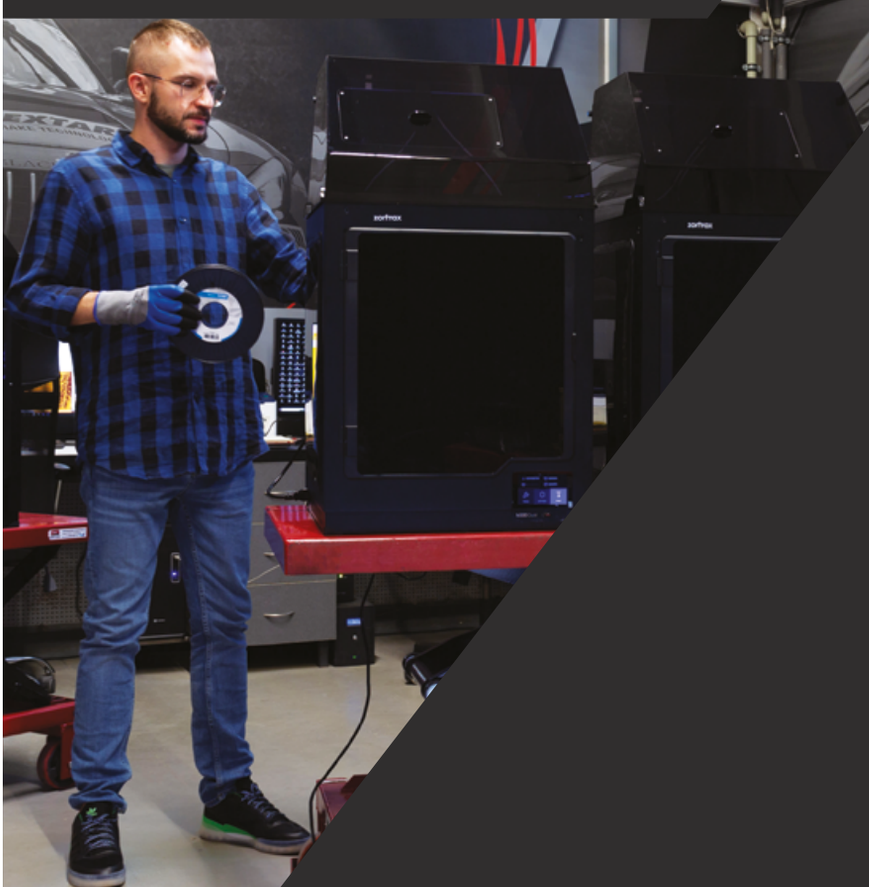
A GLOBAL PROVIDER OF
COMPREHENSIVE 3D PRINTING
SOLUTIONS



PRODUCT CATALOG

zortrax | EXXJET

DESKTOP & INDUSTRIAL ADDITIVE MANUFACTURING

End to end agile prototyping and manufacturing

Next-gen technologies enhancing every stage of product development

Zortrax is a widely-acclaimed manufacturer of professional 3D printers, printing materials, software, and post-processing devices used by world-leading organizations like Bosch or NASA. The company has developed a portfolio of unique flexible manufacturing technologies to deliver the best value to its customers.

LPD | Layer Plastic Deposition

The LPD is an additive manufacturing technology that builds physical models by depositing a fused polymer filament onto a build platform moving in a Z axis. The LPD technology is tightly integrated with its dedicated software and a wide range of filaments with various chemical and physical properties.

LPD Plus | Layer Plastic Deposition Plus

The LPD Plus has the same working principle as the LPD but it supports simultaneous 3D printing with two filaments: one for the model, and one for the soluble support structures. This way there is no need for mechanical support removal.

UV LCD | Fast Resin 3D Printing

The image of the model's layer is displayed on a high-res LCD screen with a UV light source placed beneath it. Its main strength is very high precision as it is capable of printing extremely small objects barely visible to the naked human eye.

SVS | Smart Vapor Smoothing

The SVS is a unique technology developed by Zortrax to automate vapor-smoothing, one of the most popular techniques to remove visible layering from models 3D printed in the LPD, LPD Plus, FDM, FFF or similar technologies. Vapors of methyl ethyl ketone (MEK) or acetone react with models' surfaces to achieve glossy or matte finish, depending on the filament used.

Small-scale production

Cost-efficient prototyping

Prosthetics & orthotics

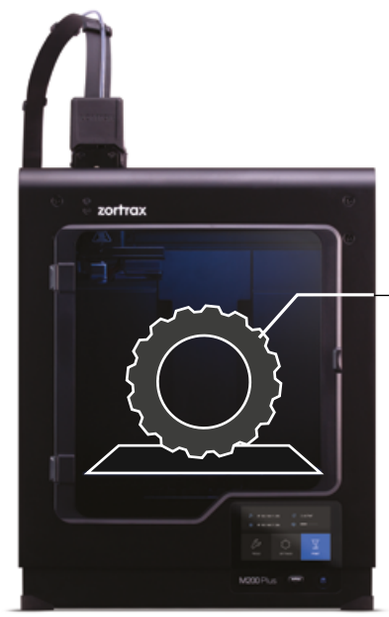
Pre-surgical planning models

Educational aids

zortrax

M200 Plus

Basically reliable 3D printer



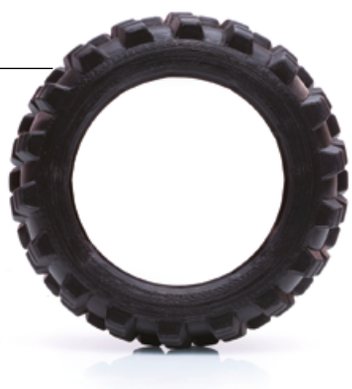
Zortrax M200 Plus 3D printer

Extrusion

Single

Resolution

90-400 microns



Build volume

200 x 200 x 180 mm
7.9 x 7.9 x 7.1 in

EU

Made in EU

Designed for hard work

The M200 Plus LPD 3D printer has been made with high-quality components to offer class-leading reliability and low maintenance costs. This machine is a versatile, affordable 3D printing solution that can work for many hours without a single failure.

Made for 3D printing farms

Large clusters of remotely controlled 3D printers can offer significant prototyping and small to medium scale production capabilities. The M200 Plus has Wi-Fi and Ethernet connectivity which make it great as a basic manufacturing unit in a 3D printing farm.

Fail-safe design

The industrial-grade extruder in the M200 Plus is compatible with a wide range of filaments. Functionalities like efficient cooling system or a heated build-platform guarantee dimensional accuracy while the filament endstop mechanism pauses the print and notifies the user when the filament runs out.

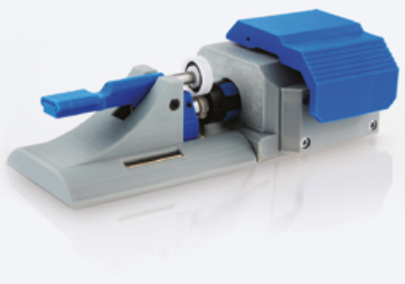
Easy to control

The M200 Plus can be operated remotely or through an intuitive touch screen fitted in the front panel. The printing process can be monitored at all times with a camera installed in the printing chamber. The machine can be set up and operated with no prior 3D printing experience.

Zortrax Speed mode

Zortrax Speed mode is a fully free feature for M Series Plus and M300 Dual 3D printers, which users can access from the printer menu. The feature lets you speed up your 3D printing project even up to 3 times.

ZORTRAX SPEED MODE
up to 3x FASTER



Medical winch for fiber laser closing of varicose veins

End-use drill-driver casing

Artificial human heart model

Functional headphones prototype

DEVICE

Build volume	200 x 200 x 180 mm (7.9 x 7.9 x 7.1 in)
Nozzle diameter	0.4 mm (0.016 in) – standard / 0.3 mm (0.012 in) / 0.6 mm (0.024 in)
Extruder	Single (compatible with demanding materials like TPU or nylon)
Extruder cooling system	Radial fan cooling the extruder block; two fans cooling the print
Hotend	Single, V3
Platform	Heated; perforated and glass plates are applicable
Material endstop	Mechanical
Connectivity	Wi-Fi, Ethernet, USB
Operating system	Android
Processor	Quad Core
Touchscreen	4" IPS 800 x 480
Camera	Yes

FILAMENTS

Available Filaments	BASF Ultrafuse® ABS, Nanovia PC-ABS V0, Z-ABS, Z-ABS 2, Z-ASA Pro, Z-ESD, Z-FLEX, Z-GLASS, Z-HIPS, Z-NYLON, Z-PCABS, Z-PETG, Z-PLA, Z-PLA Pro, Z-ULTRAT
External materials	Applicable
Support	Mechanically removed – printed with the same material as the model
Filament container	Spool
Filament diameter	1.75 mm (0.069 in)

IN THE BOX

3D Printer, Hotend V3, Side Covers, Z-SUITE, Starter Kit, Material Spool, Spool Holder, USB Memory Stick

PRINTING

Technology	LPD (Layer Plastic Deposition) – depositing melted material layer by layer onto the build platform
Layer resolution	90-400 microns
Minimal wall thickness	450 microns
Platform levelling	Automatic measurement of platform points' height

TEMPERATURE

Maximum printing temperature (extruder)	290 °C (554 °F)
Maximum platform temperature	105 °C (221 °F)
Ambient operation temperature	20-30 °C (68-86 °F)
Storage temperature	0-35 °C (32-95 °F)

ELECTRICAL

AC Input	110 V ~ 5.9 A 50/60 Hz 240 V ~ 2.5 A 50/60 Hz
Maximum power consumption	320 W

SOFTWARE

Software bundle	Z-SUITE
Supported input file types	.stl, obj, .dxf, .3mf, .ply
Supported operating system	Mac OS Catalina and newer versions / Windows 10 and newer versions

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