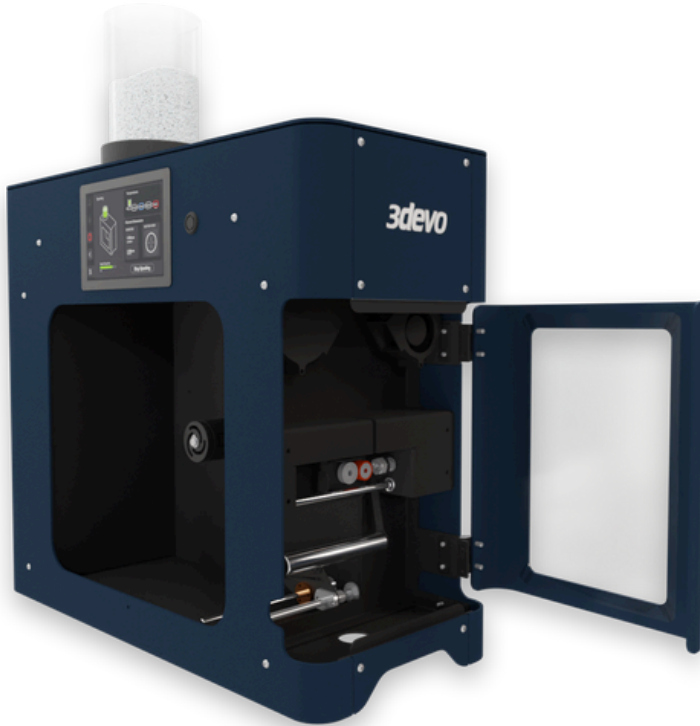


Filament Maker TWO



Key Features



Stability

Enhance filament quality with longer screws, advanced hopper, powerful motor, and precise heaters for stability.



Precision

Achieve unparalleled precision with precise thermocouples and sensors for optimal filament production control.



Platform

Unlock unlimited customization and control with our tailored data logging and API access.



Ease of use

Experience simplicity with our design focused on easy disassembly and assembly, making maintenance and adjustments effortless.



Serviceability

Easily maintain your machine with user-friendly components and simple assembly for seamless operations and swift repairs.

Filament Maker - Product Specifications

Size and Weight	Dimensions Weight	606 x 258 x 526 mm 42 kg
Extrusion Drive	Max. torque Max. RPM	50 Nm 0 – 15 RPM
Hopper System	Volume Active cooled	2.6 L Yes
Band Heaters	Max. Temperature Heating zones Heater power	450 °C 4 230W per heater
Compression Screw	Screw Material Hardening treatment Compression Screw Design	High Chromium and Molybdenum steel alloy Nitrided 3 stages Interchangeable
Filament sensor	Resolution Framerate Measurements Measurements axis Thermal sensor	10 µm 5 fps > 25 per second 3 Yes
Puller	Max. Spool diameter Max.Spool weight Automatic Tensioner Friction wheel Spooling system	380 °C Stepless 100 °C
Spooling	Max. Spool diameter Max. Spool width Max. Spool weight Automatic tensioner Friction wheel Spooling system	300 mm 5 kg 100mm Yes Yes Spool cuck
Energy	Consumption average Consumption Max. Voltage Frequency	300 – 400 W 1300 W 230 V or 110 V 50 – 60 Hz
Connections	CAN-bus Networking Power plug USB	USB – B Schuko male to C13 Ethernet 3 ports

Compatible materials PLA, ABS, PC, PS, PETG, TPU, TPE, PPS, PVA, PE, PET, PA6, PA12, PA66 ,
PEEK, PEKK, PAEK, PEI, PSU, PES, PTFE, PVD+, ..