

The RMF-30 utilizes FFF technology with all the features you expect from a dual filament printer in a build volume of 1.0 cubic meters. The RMF package includes 2 high flow filament extruders plus a heated, dry filament feed and storage cabinet. Choose from Compound Dynamics MHZ 2.0 extruders or Slice Engineering Magnum+® hotend with Bondtech LGX Pro All Metal extruders. Additional options are shown below.

Standard Features

Frame	Rigid, vibration damping welded semi-monocoque steel
Enclosure	Fully enclosed with interlocked doors
Insulation	5mm closed cell reflective foam
Enclosure Temp.	Passively heated to 60°C (85°C option)
Control System	Yaskawa CNC, Proprietary HMI
Motors	Direct coupled Yaskawa Servos
Liquid Cooling	All motors and Extruders have a closed loop cooling system
Slicing Program	Simplify3D with custom Printer Profile tailored to RM machines
Operator Station	Windows 11 PC on ergonomic arm
Heated Filament Cabinet	Included with storage for a minimum of four 20lb. rolls of filament
Build Volume	X: 1050mm (41.3") Y: 1015mm (40.0") Z: 1015mm (40.0") 1.0 cubic meter
Build Surface	High Temp Tempered Glass
Rapid Travel Speed	500 mm/sec
Heated Print Bed	Fabricated Aluminum 150°C max temp
Machine Size Range	Width 96" to 110" (2440mm to 2900mm for unheated or heated chamber) Depth 68" (1730mm) Height 79.5" (2020mm)
Machine Weight	2500-3000lbs. (1100-1360kg)
Warranty	12mo parts and labor
Voltage	208-240V Single-Phase or Three-Phase
Dual Filament Extruders	(2) CD MHZ 2.0 2.85mm High Flow extruders with 450°C .6 to 2.4mm nozzles and extrusion speed of 200 mm ³ /sec
Alternate Extruders	(2) Slice Engineering Magnum+ 1.75 or 2.85mm hotends on Bondtech LGX Pro All Metal with extrusion speed of 90 mm ³ /sec

Additional Options

Vacuum Print Bed	Add vacuum to the print bed to hold down flexible build sheets
Heated Chamber	85°C with additional 1.5" polyisocyanurate insulation
UPS	Uninterruptable Power Supply - provides machine power for 15 min in case of power outage
Rear Doors	Improved access to the far side of large models
Copy Mode	Extrude two parts simultaneously, up to 762mm wide
Extended Service Plan	Increase warranty by 12 months with on-site visit