

The RMP-40 features FGF technology with 1 pellet extruder in one of the largest commercially available LFAM enclosed printers. Choose from a Dyze Pulsar™ 3kg/hr or Rev3rd RD-M10+ 12kg/hr extruder depending on the precision level of the parts you are printing. Purchase the pellet drying equipment through us or use your own. Options listed 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
Build Volume	X: 1524mm (60.0") Y: 1524mm (60.0") Z: 1050mm (41.0") 2.25 cubic meter
Build Surface	High Temp Tempered Glass
Rapid Travel Speed	350 mm/sec
Heated Print Bed	Fabricated Aluminum 150°C max temp
Machine Size Range	Width 124" to 140" (3150mm to 3560mm for unheated or heated chamber) Depth 94" (2390mm) Height 92" (2340mm)
Machine Weight	3800-4400lbs. (1720-2000kg)
Warranty	12mo parts and labor
Voltage	208-240V Single-Phase or Three-Phase
Pellet Extruder	(1) Dyze Design™ Pulsar 500°C 1-5mm nozzles, 3 kg/hr
Alternate Pellet Extruder	(1) REV3RD RD-M10+, 500°C 2.5-10mm nozzles, 12 kg/hr

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
Pellet Dryer	Dri-Air Desiccant style pellet dryer with 30lb. hopper
Pellet Dryer Auto Refill	Dri-Air Cal-2. Keeps the pellet hopper filled at all times for long runs
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
Extended Service Plan	Increase warranty by 12 months with on-site visit