


The RMD-40 features FGF technology with 2 pellet extruders in one of the largest commercially available LFAM enclosed printers. Dual pellet extruders open the possibility of complex printing with support materials or dual colors, similar to filament capabilities. The RMD features two Dyze Pulsar™ pellet extruders. Purchase the pellet drying equipment through us or use your own. Options listed below. Copy mode available.

## Standard Features

A large, white, industrial-grade 3D printer with two extruders and a large print bed. The machine is shown from a front-three-quarter view.

<b>Frame</b>	Rigid, vibration damping welded semi-monocoque steel
<b>Enclosure</b>	Fully enclosed with interlocked doors
<b>Insulation</b>	5mm closed cell reflective foam
<b>Enclosure Temp.</b>	Passively heated to 60°C (85°C option)
<b>Control System</b>	Yaskawa CNC, Proprietary HMI
<b>Motors</b>	Direct coupled Yaskawa Servos
<b>Liquid Cooling</b>	All motors and Extruders have a closed loop cooling system
<b>Slicing Program</b>	Simplify3D with custom Printer Profile tailored to RM machines
<b>Operator Station</b>	Windows 11 PC on ergonomic arm
<b>Build Volume</b>	X: 1524mm (60.0") Y: 1524mm (60.0") Z: 1050mm (41.0")
<b>Build Surface</b>	High Temp Tempered Glass
<b>Rapid Travel Speed</b>	350 mm/sec
<b>Heated Print Bed</b>	Fabricated Aluminum 150°C max temp
<b>Machine Size Range</b>	Width 124" to 140" (3150mm to 3560mm for unheated or heated chamber) Depth 94" (2390mm) Height 92" (2340mm)
<b>Machine Weight</b>	3800-4400lbs. (1720-2000kg)
<b>Warranty</b>	12mo parts and labor
<b>Voltage</b>	208-240V Single-Phase or Three-Phase
<b>Pellet Extruders</b>	(2) Dyze Design™ Pulsar 500°C 1-5mm nozzles, 3 kg/hr

## Additional Options

<b>Vacuum Print Bed</b>	Add vacuum to the print bed to hold down flexible build sheets
<b>Heated Chamber</b>	85°C with additional 1.5" polyisocyanurate insulation
<b>Pellet Dryer</b>	Dri-Air Desiccant style pellet dryer with 30lb. hopper
<b>Pellet Dryer Auto Refill</b>	Dri-Air Cal-2, Keeps the pellet hopper filled at all times for long runs
<b>UPS</b>	Uninterruptable Power Supply - provides machine power for 15 min in case of power outage
<b>Rear Doors</b>	Improved access to the far side of large models
<b>Copy Mode</b>	Extrude two parts simultaneously, up to 762mm wide
<b>Extended Service Plan</b>	Increase warranty by 12 months with on-site visit