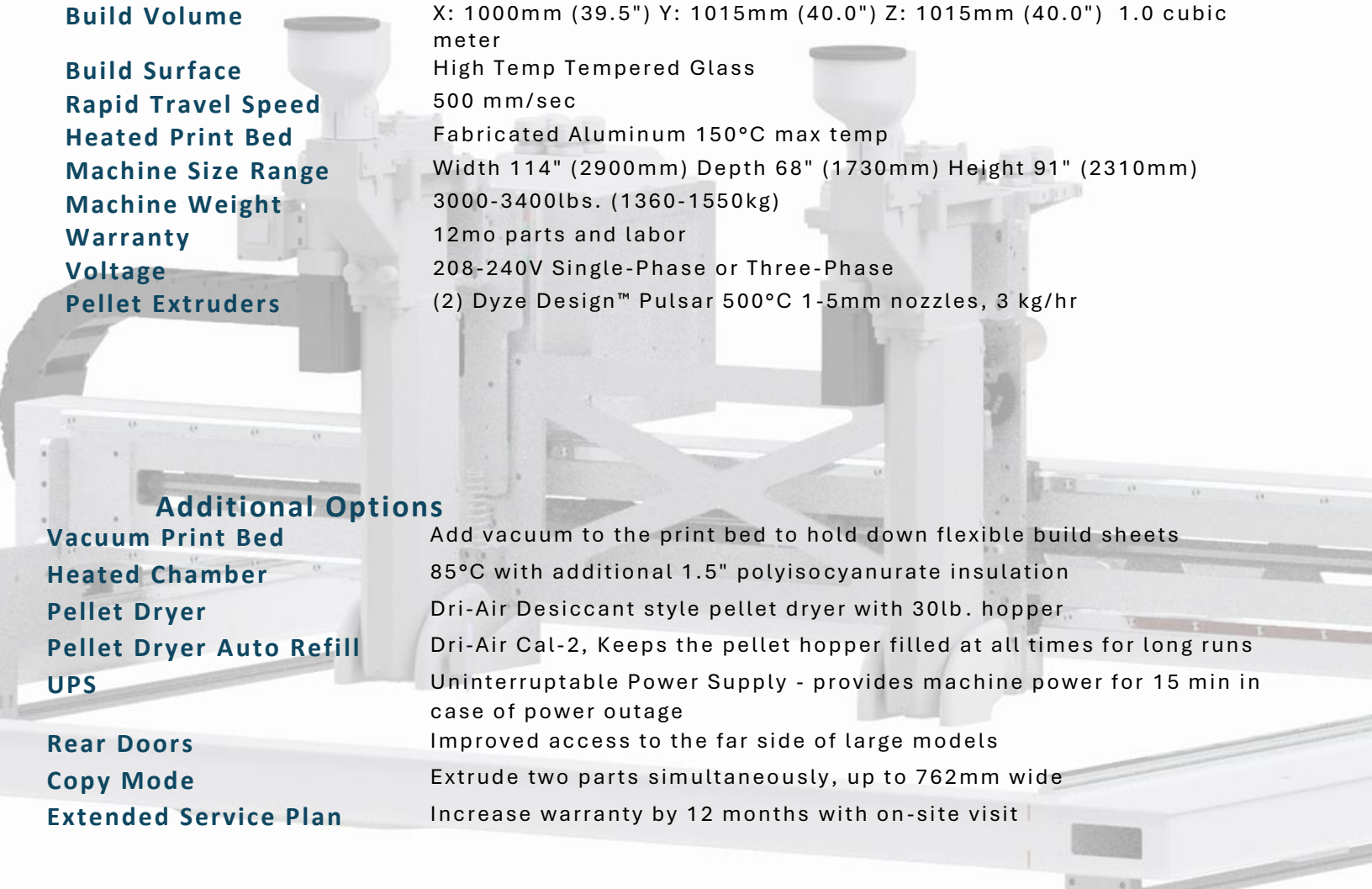# COMPOUND DYNAMICS

RMD-30

The RMD-30 features FGF technology with 2 pellet extruders in a compact LFAM 1 cubic meter build volume. 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

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: 1000mm (39.5") 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 114" (2900mm) Depth 68" (1730mm) Height 91" (2310mm)
Machine Weight	3000-3400lbs. (1360-1550kg)
Warranty	12mo parts and labor
Voltage	208-240V Single-Phase or Three-Phase
Pellet Extruders	(2) Dyze Design™ Pulsar 500°C 1-5mm nozzles, 3 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
Copy Mode	Extrude two parts simultaneously, up to 762mm wide
Extended Service Plan	Increase warranty by 12 months with on-site visit

We are an engineering-based company, features and specifications listed are subject to change.

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