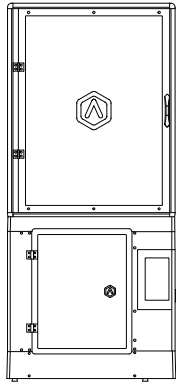
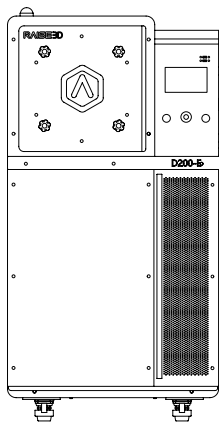


MetalFuse Technical Specifications



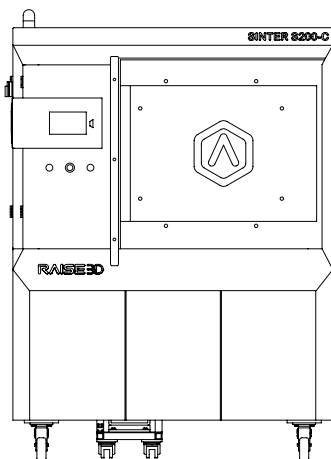
Forge1

Machine Type	Printer
Machine Size	620 × 626 × 1390 mm
Build Volume	300 × 300 × 300 mm
Print Technology	FFF
Print Head	Dual-Head with Electronic Lifting System
XYZ Positioning Resolution	0.78125, 0.78125, 0.078125 micron
Print Speed	30-150 mm/s
Max Build Plate Temperature	120°C
Supported Materials	Ultrafuse 316L, Ultrafuse17-4 PH
Filament Diameter	2.85 mm
Max Nozzle Temperature	300°C
Operating Ambient Temperature	15-30°C, 10-90% RH Non-Condensing
Slicing Software	ideaMaker Metal
Supported File Types	STL/ OBJ/ 3MF/ OLTP
Supported OS	WINDOWS



D200-E

Machine Type	Debinder
Machine Size	806 × 905 × 1583 mm
Build Volume	200 × 200 × 200 mm
Tray	Adjustable Multi-Level Tray (7 Positions)
Protection Gas	Argon or Nitrogen
Max Catalyst Storage	2 L/ 122 inch ³
Max Gas Flow	5 L/min
Max Debinding Speed	1.55 mm/h
Power Supply Input	220-230 V AC, 50 Hz, Single Phase, 16 A/ 3.5 KW
Exhaust Treatment	Activated Carbon Adsorption Facilities



S200-C

Machine Type	Vacuum Sinter
Machine Size	1304 × 1058 × 1974 mm
Build Volume	200 × 200 × 200 mm
Sintering Processing Time	About 20 hours
Tray	Adjustable Multi-Level Tray (6 Positions)
Protection Gas	Argon or Nitrogen
Max Heat Load	12.5 KW
Peak Internal Temperature	1450°C/ 2642°F
Power Supply Input	380-400 V AC, 50 Hz, 3 Phase (5 Wires), 40 A/ 27 KW
Front-Mounted E-Stop	Yes
Over-Heating Protection	1500°C