

# Raise3D D200-E Technical Specifications

Construction	Workload Envelope (W × D × H)	200 × 200 × 200 mm (7.87 × 7.87 × 7.87 inch)
	Machine Size (W × D × H)	806 × 905 × 1583 mm (31.73 × 35.63 × 62.32 inch)
	Net Weight	About 380 kg (838 lbs)
Electrical	Power Requirement	220 - 230 V AC, 50/60 Hz, Single Phase, 20 A/ 4.4 kW Peak Draw
Environmental Conditions	Relative Humidity	≤ 15-70%
	Ambient Temperature	5°C to 35°C
	Altitude	≤ 1000m
	Grounding	Must be Equipped with a Ground Wire
	Process Gas	Argon and Nitrogen Purity ≥ 99.9%, Pressure Range: 0.2-0.4 MPa
General	Trays	Adjustable Multi-level Trays (7-position)
	Catalyst	Oxalic Acid Fluid
	Protect Gas Type	Argon or Nitrogen
	Max Catalyst Volume of Storage Tank	2 L (122 in³)
	Maximum Gas Flowrate	5 L/min
	Working Temperature	120°C
	Upper Limit of the Temperature	No higher than 150°C
	Exhaust Treatment	Activated Carbon Adsorption Facilities
	Safety Control	Safety Interlocks Front-mounted E-stop
	Mobility	Swivel Casters with Adjustable Leveling Locks
	Sound Pressure Level in the Operator's Position	L <sub>PA</sub> =49.9 dB(A)
	Sound Power Level	L <sub>WA</sub> =58.8 dB(A)
Material	Materials Supported	Ultrafuse® 316L; Ultrafuse® 17-4PH
Software	Remote Software	ideaMaker for Metal, RaiseCloud
Platform Support	Network Connectivity	WLAN and Ethernet
	Onboard Control	7-inch Touchscreen Display
	Browser Requirements	Accessible via Any Web Browser
	Automation	Auto-generated Custom Debinding Cycle Live Job Progress Tracking