

Specifications	Ultra R5000
Material Processing Envelope XYZ	32 x 24 x 12 in. (813 x 610 x 305 mm)
Max Lasers Supported	(2) CO2 Lasers or (1) CO2 Laser and (1) Fiber Laser
Wavelength Supported	10.6 µm CO2 9.3 µm CO2 1.06 µm CO2
Max Laser Power	150 watts CO2 or 125* watts CO2 and 50 watts Fiber
Air Cooling	Yes
Focusing Methods	Precision Material-Independent Touch Sensor, Programmable Focus
Rapid Reconfiguration™	Yes
Control Panel	Multi-Function Push Button, 21" Touch Screen (Optional)
Camera Support	Yes (Optional)
Compatible Operating System	Windows 10
Pass Through Capability	Yes
Optics	
Available Optics	Controllable Laser Power Density 4X (Standard) 1X / 13X (Optional)
Gas Assist	
Gas Assist Type <small>Optics Protection and Coaxial gas assist attachment included – gas assist requires an air or gas source</small>	Programmable (Standard)
Lateral Gas Assist Attachment	Optional
Compressed Air Source	Optional
Material Handling	
Class 4 Conversion Module	Optional
Cylindrical Material Indexer <small>Rotary Fixture</small>	Optional
Flow-through Cutting Table	N/A
Configurable Cutting Table <small>Pin Table</small>	N/A
Multifunctional Material Support Table	Yes (Standard)
Machined Aluminum Tiles	Optional
Material Support Pins	Optional
Vacuum Booster	Optional
Productivity Enhancers	
SuperSpeed™	Optional
Camera Type	Multi Camera Vision & Registration (Optional)
Automation Interface	Optional
Air Filtration and Handling	
Filtration System Support	UAC 2000 (Optional) UAC 4000 (Optional)
Traveling Exhaust	N/A
Safety and Facility	
Over Temperature Detection	Yes
Fire Suppression	Optional
E-Stop	Yes
Software	
Control Software	Laser System Manager
Intelligent Material Database	Yes
Industry Standard Interchange Format Support	DXF, PDF, and G-Code (Standard)
1-Touch Laser Photo™	Optional

*125-watt laser and 250-watt combination (2x125) Available 4th Quarter of 2020