

Technical Specifications of Ray

	Ray 40W Laser Engraver and Cutter	Ray 20W Laser Engraver and Cutter
Performance		
Laser Module Output Power	40W	20W
Laser Electric Power	140W	65W
Machine Power (Enclosure excluded)	215 W	140 W
Maximum Thickness of One-pass Cutting	15 mm Basswood Plywood	10 mm Basswood Plywood
Maximum Work Speed ^[1]	500 mm/s	500 mm/s
Maximum Cutting Speed ^[1]	20 mm/s	10 mm/s
Laser Spot Dimensions	0.1 mm × 0.15 mm	0.08 mm × 0.1 mm
Laser Type	450 - 460 nm Semi-conductor	450 - 460 nm Semi-conductor
Dimension		
Weight (Enclosure excluded)	15.06 kg	14.6 kg
Dimensions (Enclosure excluded)	849 mm × 600 mm × 303 mm	849 mm × 600 mm × 278 mm
Dimensions (Enclosure)	933 mm × 665 mm × 417 mm	933 mm × 665 mm × 417 mm
Maximum Workpiece Height	160 mm (with two sets of cylindrical feet)	160 mm (with two sets of cylindrical feet)
Work Area	400 mm × 600 mm	400 mm × 600 mm
Software		

Supported Design File	STL, SVG, JPEG, PNG, JPG, BMP, DXF, SNAPLZR	STL, SVG, JPEG, PNG, JPG, BMP, DXF, SNAPLZR
Supported Processing File	NC	NC
Software	Luban, LightBurn	Luban, LightBurn
Connection	Wi-Fi, USB	Wi-Fi, USB
Compatibility		
Addons	Enclosure for Snapmaker Ray, Air Purifier, 20W & 40W Laser Module, Rotary Module	Enclosure for Snapmaker Ray, Air Purifier, 20W & 40W Laser Module, Rotary Module

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