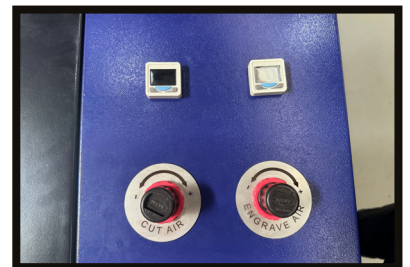
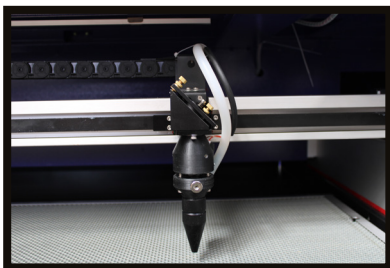




Experience unparalleled productivity and precision with our first Australian-made CO2 laser cutter/engraver. Equipped with RF metal CO2 laser tubes for enhanced performance, our innovative design and exclusive features ensure faster, smoother engraving and cutting. Paired with AC servo motors and advanced design and control software, achieve crisp, sharp text and graphics in a machine proudly Australian designed and built.



Independent Airflow Control

Achieve unparalleled cutting and engraving quality with precise control over airflow, ensuring exceptional performance for projects of all sizes.



Dual-Zoned Air Extraction

This feature enables users to selectively extract air primarily from below the table during cutting operations and across the top of the material while engraving.



Advanced Servo Motors

Our advanced servo motors ensure rapid, fluid movement along the X and Y axes, delivering faster processing times and impeccable accuracy.

TECHNICAL SPECIFICATIONS:

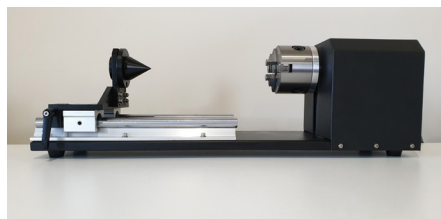
		1390 PRO	1060 PRO
DIMENSIONS	Bed Size	1300mm x 900mm	1000mm x 600mm
	Max object depth (Z-axis)	220 mm	220 mm
	Machine Size	W 1830 x H 1060 x D 1470mm	W 1530 x H 1060 x D 1160mm
	Weight	500kg	450kg
Laser Details	Laser Tube	RF Metal Tube 100W	RF Metal Tube 60W
	Focusing	On nozzle Autofocus mechanism	
		Inline red laser light	
Laser Speed	Cutting speeds	Up to 200mm/sec	
	Engrave speeds	Engraves up to 3000mm/sec. (1)	
Safety Features	Emergency Stop	Emergency stop button	
	Safety cutouts	Sensor on door to stop job (movement & laser)	
	Air assist	Independent Airflow control regulators for engrave and cut. Provides the ability to fine tune airflow to independently achieve optimal cutting and engraving quality	
	Air Extraction	Zoned dual extraction – table and top. Provides the ability to extract air primarily from below the table when cutting or across the top of the material when engraving. (Software selectable)	
Motors & Drivers	X & Y axis motor & controller	Panasonic Minas A6 Series Servo Drivers 400W AC Servo Motors	
	Z axis motor & controller	DC Stepper motor	
	X axis drive	Toothed belt drive, Hiwin Linear rails	
	Y axis drive	Toothed belt drive, Hiwin Linear rails	
	Z axis drive	Lead screw Chain driven	
Optional Accessories	Camera	Additional camera for alignment	
	Smoke detector	Audible alarm in case of a fire	
	Rotary	Engrave onto Glasses and bottles	

(1) – Lose 120mm each side when running at 3000mm/s

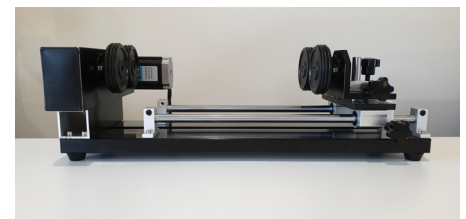
4th AXIS ROTARY OPTIONS

Easily engrave round items like bottles, mugs, glasses, etc. with one of our 4th Axis Rotary attachments.

3 JAW CHUCK



QUICK CHANGE



- PLS ADVANCED LASER SYSTEMS - AUTHORISED DEALERS -

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