

Materials	Thickness (mm)	Processing	Speed (mm/s)	Min Power (%)	Max Power(%)	Air pressure value	DPI
Ceramic	/	Engraving	1000mm/s	60%	60%	low	
Glass	/	Engraving	1000mm/s	50%	50%	low	
Marble	/	Engraving	1000mm/s	40%	40%	low	
Tile	/	Engraving	1000mm/s	50%	50%	low	



THUNDER BOLT

New Laser Core | New Standards



Why Thunder Bolt

Why Thunder Bolt?

- *High Resolution Engraving at High Speed
- *Low Lifetime Cost
- *1G Memory in the Machine
- *Built-in Exhaust fan and Air compressor
- *Touch Screen Operating Panel
- *Super Silent Fans
- *High-resolution Camera
- *Integrated Suggest Parameter Settings
- *LightBurn Software Compatible
- *Rotary Axis Plug
- *8xSafety lock
- *Australia Support & Innovation Labs
- *2 Years Warranty
- *Metal Co2 Laser Source
- *And More!

Contact Us



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17 Kikuyu Road, Chevallum Queensland,
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0407963306



Tech Specification

Specification	Thunder Bolt	Specification	Thunder Bolt
Laser Source	CO2 RF laser 30w	Standard Lens	1.5"
Working area	508x305mm	Camera	Yes
Max speed	1000mm/s	Rotary Supportive	Yes
Z axis Height	110mm	Software	LightBurn
Cooling	Air	Size	941x724x498mm
Autofocus	Yes	Weight	78kg

Standard Parts List

ITEM	QTY	PIC	ITEM	QTY	PIC
Ethernet Cable	1		Power Cord	1	
USB-PC Cable	1		Air Blowing Ball	1	
Q-Tips	1		Screwdriver Set	5	

Parameter For Thunder Bolt

Materials	Thickness (mm)	Processing	Speed (mm/s)	Min Power (%)	Max Power(%)	Air pressure value	DPI
Birch Ply	/	Engraving	1000mm/s	50%	50%	low	350
	3mm	Cutting	10mm/s	10%	90%	high	
	6mm	Cutting	x	x	x	x	
	10mm	Cutting	x	x	x	x	
Cherry Wood	/	Engraving	1000mm/s	40%	40%	low	350
	3mm	Cutting	20mm/s	10%	90%	high	
	5mm	Cutting	10mm/s	10%	90%	high	
	11mm	Cutting	x	x	x	x	

Materials	Thickness (mm)	Processing	Speed (mm/s)	Min Power (%)	Max Power(%)	Air pressure value	DPI
MDF	/	Engraving	1000mm/s	50%	50%	low	350
	3mm	Cutting	20mm/s	10%	90%	high	
	10mm	Cutting	x	x	x	x	
Acrylic	/	Engraving	1000mm/s	50%	50%	low	
	3mm	Cutting	15mm/s	10%	90%	high	
	5mm	Cutting	5mm/s	10%	90%	high	
	10mm	Cutting	2mm/s	10%	90%	high	
EVA Foam	/	Engraving	1000mm/s	10%	10%	low	
	10mm	Cutting	20mm/s	10%	90%	high	
Cork	/	Engraving	1000mm/s	20%	20%	low	
	3mm	Cutting	60mm/s	10%	90%	high	
Bamboo	/	Engraving	1000mm/s	60%	60%	low	
	3mm	Cutting	7mm/s	10%	90%	high	
Cotton Fabric	/	Engraving	1000mm/s	40%	40%	low	
	1mm	Cutting	160mm/s	10%	90%	high	
	3mm	Cutting	140mm/s	10%	90%	high	
Cardboard	/	Engraving	1000mm/s	50%	50%	low	
	3mm	Cutting	15mm/s	10%	90%	high	
	4mm	Cutting	4mm/s	10%	90%	high	
Leather	/	Engraving	1000mm/s	50%	50%	low	
	1.5mm	Cutting	20mm/s	10%	90%	high	
	3mm	Cutting	5mm/s	10%	90%	high	
Denim	/	Engraving	1000mm/s	20%	20%	low	
	1mm	Cutting	150mm/s	10%	90%	high	
Rubber	/	Stamp Engraving	150mm/s	25%	80%	high	400
	2.3mm	Cutting	10mm/s	10%	90%	high	
Delrin	/	Engraving	1000mm/s	20%	20%	low	
	1mm	Cutting	45mm/s	10%	90%	high	
	3mm	Cutting	5mm/s	10%	90%	high	
	5mm	Cutting	3mm/s	10%	90%	high	
Melamine	/	Engraving	1000mm/s	50%	50%	low	
	1mm	Cutting	4mm/s	10%	90%	high	
Paper	/	Engraving	1000mm/s	5%	5%	low	
	0.6mm	Cutting	200mm/s	10%	90%	high	
Mylar	/	Engraving	1000mm/s	90%	90%	low	
	1.5mm	Cutting	15mm/s	10%	90%	high	
Anodized Aluminum	/	Engraving	1000mm/s	50%	50%	low	
Coated Metals	/	Engraving	1000mm/s	60%	60%	low	