



ARCHIVED: Laser Settings

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~~REVEAL~~

ARCHIVED: Laser Settings

These settings are for a retired piece of equipment, our Rayjet Laser cutter. We now have Trotech Speedy 300 Laser cutters. You can find their settings [here](#).

Material		Engraving			Cutting			
		Power	Speed	Air Assist	Power	Speed	Air Assist	Passes
Plastic	Acrylic 1.5 mm <i>experimental</i>			No	100	4.5	Yes	1
Plastic	Acrylic 3 mm	60	80	No	100	1.7	Yes	1
Plastic	Acrylic 4.5mm	60	80	Yes	100	1.2	Yes	1
Plastic	Acrylic 6mm	50	50	No	100	1.7	Yes	2
Plastic	Acrylic 6mm <i>experimental</i>	50	50	No	100	1.1	Yes	1
Plastic	Polyproplene (0.6mm)	10	2	Yes	25	2	Yes	1
Paper & Card	Paper-80gsm (regular paper)	11	100	No	11	5	Yes	1
Paper & Card	Paper- 350 gsm	11	5	No	25	5	No	1
Paper & Card	Paper- 200 gsm			No	100	1.5	No	1
Paper & Card	Cardboard-650gsm *Single Ply 3mm Natural /White	45	100	Yes	25	2	Yes	1
Paper & Card	Corrugated Card Single Ply 2.5mm (Pizza Box)	11	30	Yes	25	3	Yes	1
Paper & Card	Corrugated Card Double Ply 6mm	40	100	Yes	40	2	Yes	1
Paper & Card	Craft Cardboard Dense natural board 3mm	70	100	Yes	75	2	Yes	1
Paper & Card	Craft Cardboard Dense natural board 1.5 mm	11	20	Yes	50	8	Yes	1
Wood	Plywood 4mm	80	95	Yes	85	2	Yes	1
Wood	Plywood 6mm	80	95	Yes	100	2	Yes	2
Wood	Wooden Veneer 1mm	11	20	Yes	50	8	Yes	1
Wood	Fleece Back Veneer	17	20	Yes	50	6	Yes	1
Wood	Balsa Wood 1.5 mm	40	100	Yes	30	4	Yes	1
Wood	Balsa Wood 3 mm	40	100	Yes	30	3	Yes	1
Wood	Balsa Wood 5mm	40	100	Yes	30	2	Yes	1
Wood	Camphor Laurel 12mm <i>experimental</i>			Yes	100	2	Yes	7
Leather	Bovine, natural 5-6mm	65	80	Yes	100	1	Yes	1

Material		Engraving			Cutting			Passes
		Power	Speed	Air Assist	Power	Speed	Air Assist	
Leather	Bovine, black 2.5mm			Yes	65	1	Yes	1
Silicone	Black 0.5mm	20	4	Yes	40	4	Yes	1
Silicone foam	White 2.0mm			Yes	100	2.4	Yes	1
Silk	White 40momies			Yes	14	7	Yes	1

</datatables>

RGB Process Colours

The Rayjet 300 will apply cut/ etch/ score processes to 8 different RGB colours.

These are RGB Settings for each of these:

	R	G	B
Black	0	0	0
Red	255	0	0
Blue	0	0	255
Desert Blue	51	102	153
Cyan	0	255	255
Green	0	255	0
Grass Green	0	153	51
Forest Green	0	102	51