



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

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

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