

D1 Pro Engraving & Cutting Parameters for Reference

No.	Material Name	Machine	Cutting			Bitmap Engraving			Fill Engraving			Vector Engraving		
			Power (%)	Speed (mm/s)	Pass(es)	Power (%)	Speed (mm/s)	Pass(es)	Power (%)	Speed (mm/s)	Pass(es)	Power (%)	Speed (mm/s)	Pass(es)
1	Metal Business Cards (60pcs) Blue	D1 Pro 20W				40	50	1				70	60	1
2	Metal Business Cards (60pcs) Blue	D1 Pro 10W				80	50	1				100	70	1
3	Metal Business Cards (60pcs) Blue	D1 Pro 5W				60	50	1				100	50	1
4	Silver Stainless Steel Tag 10pcs	D1 Pro 20W				100	30	1				100	15	1
5	Silver Stainless Steel Tag 10pcs	D1 Pro 10W				100	20	1				100	40	1
6	Silver Stainless Steel Tag 10pcs	D1 Pro 5W				100	3	2						
7	Stainless Steel Necklace (2pcs)	D1 Pro 20W				100	30	1				100	20	1
8	Stainless Steel Necklace (2pcs)	D1 Pro 10W				100	20	1				100	10	1
9	Beech Phone Stand (4pcs)	D1 Pro 20W				50	100	1				40	80	1
10	Beech Phone Stand (4pcs)	D1 Pro 10W				40	100	1				50	80	1
11	Bamboo Plant Label (60 pcs)	D1 Pro 20W				100	100	1				80	70	1
12	Bamboo Plant Label (60 pcs)	D1 Pro 10W				70	80	1				100	50	1
13	Pine Coaster (4pcs)	D1 Pro 20W				40	50	1				40	80	1
14	Pine Coaster (4pcs)	D1 Pro 10W				30	50	1				100	70	1
15	Stainless Steel Mug (Black 2pcs) 20oz	D1 Pro 20W				100	75	2				100	60	1
16	Stainless Steel Mug (Black 2pcs) 20oz	D1 Pro 10W				100	40	1				100	20	1
17	Laser Engraving Rubber Mat (2pcs)	D1 Pro 20W				60	50	1				100	80	1
18	Laser Engraving Rubber Mat (2pcs)	D1 Pro 10W				80	50	1				50	80	1
19	Stainless Steel Mug (StainlessSteel 2pcs) 20oz	D1 Pro 20W				100	40	1				100	50	1
20	Stainless Steel Mug (StainlessSteel 2pcs) 20oz	D1 Pro 10W				100	30	1				100	20	1
21	Round Wooden Keychain 10 pcs	D1 Pro 20W				100	85	1				80	60	1
22	Round Wooden Keychain 10 pcs	D1 Pro 10W				100	60	1				100	70	1
23	Round Wooden Keychain 10 pcs	D1 Pro 5W				100	50	1				100	50	1
24	Black Metal Mouse Pad	D1 Pro 20W				100	3	1				100	10	1
25	Black Metal Mouse Pad	D1 Pro 10W				100	5	1				100	5	1
26	Cork Desk Pad	D1 Pro 5W				100	40	1				100	50	1
27	Cork Desk Pad	D1 Pro 20W				30	250	1				90	80	1
28	Cork Desk Pad	D1 Pro 10W				30	100	1				50	80	1
29	3mm Fraxinus Mandshurica Plywood(6pcs)	D1 Pro 20W	100	4	1	60	50	1	60	50	1	80	60	1
30	3mm Fraxinus Mandshurica Plywood(6pcs)	D1 Pro 10W	100	3	3	80	50	1	70	50	1	50	30	1
31	12" x 12"x 1/8" Basswood Plywood	D1 Pro 20W	100	5	1	60	100	1	60	100	1	80	60	1
32	12" x 12"x 1/8" Basswood Plywood	D1 Pro 10W	100	4	2	60	50	1	50	50	1	50	30	1
33	12" x 12"x 1/8" Cherry Plywood	D1 Pro 20W	100	5	1	80	100	1	80	100	1	80	60	1
34	12" x 12"x 1/8" Cherry Plywood	D1 Pro 10W	100	4	2	60	50	1	50	50	1	50	30	1
35	12" x 12"x 1/8"Pine Plywood	D1 Pro 20W	100	5	1	40	50	1	40	50	1	80	60	1
36	12" x 12"x 1/8"Pine Plywood	D1 Pro 10W	100	4	2	100	100	1	90	100	1	50	30	1
37	12" x 12"x 1/8" Mahogany Plywood	D1 Pro 20W	100	6	1	80	100	1	80	100	1	80	60	1

38	12" x 12"x 1/8" Mahogany Plywood	D1 Pro 10W	100	4	3	40	50	1	30	50	1	50	30	1
39	12" x 12"x 1/8" Birch Plywood	D1 Pro 20W	100	4	1	60	100	1	60	100	1	80	60	1
40	12" x 12"x 1/8" Birch Plywood	D1 Pro 10W	100	4	3	80	100	1	70	100	1	50	30	1
41	12" x 12"x 1/8" Walnut Plywood	D1 Pro 20W	100	5	1	30	50	1	30	50	1	80	60	1
42	12" x 12"x 1/8" Walnut Plywood	D1 Pro 10W	100	5	2	80	100	1	70	100	1	50	30	1
43	3mm White oak plywood 30*30 6pcs	D1 Pro 20W	100	5	1	80	100	1	80	100	1	80	60	1
44	3mm White oak plywood 30*30 6pcs	D1 Pro 10W	100	3	2	100	150	1	90	150	1	50	30	1
45	3mm Red oak plywood 30*30 6pcs	D1 Pro 20W	100	7	1	40	50	1	40	50	1	80	60	1
46	3mm Red oak plywood 30*30 6pcs	D1 Pro 10W	100	3	1	60	50	1	50	50	1	50	30	1
47	3mm Maple plywood 30*30 6pcs	D1 Pro 20W	100	5	1	80	250	1	80	250	1	80	60	1
48	3mm Maple plywood 30*30 6pcs	D1 Pro 10W	100	3	1	40	50	1	30	50	1	50	30	1
49	3mm Ash plywood 30*30 6pcs	D1 Pro 20W	100	4	1	40	100	1	40	100	1	80	60	1
50	3mm Ash plywood 30*30 6pcs	D1 Pro 10W	100	3	1	60	50	1	50	50	1	50	30	1
51	3mm Bubinga plywood 30*30 6pcs	D1 Pro 20W	100	5	1	60	50	1	60	50	1	80	60	1
52	3mm Bubinga plywood 30*30 6pcs	D1 Pro 10W	100	3	1	30	50	1	20	50	1	50	30	1
53	3mm Basswood plywood 30*30 6pcs	D1 Pro 20W	100	6	1	40	100	1	40	100	1	80	60	1
54	3mm Basswood plywood 30*30 6pcs	D1 Pro 10W	100	3	2	80	50	1	70	50	1	50	30	1
55	3mm Basswood plywood 30*30 6pcs	D1 Pro 5W	100	2	1	100	50	1						
56	3mm Cheery wood plywood 30*30 6pcs	D1 Pro 20W	100	6	1	40	50	1	40	50	1	80	60	1
57	3mm Cheery wood plywood 30*30 6pcs	D1 Pro 10W	100	3	1	60	50	1	50	50	1	50	30	1
58	3mm Cheery wood plywood 30*30 6pcs	D1 Pro 5W	100	2	2	60	50	1						
59	3mm Walnut plywood 30*30 6pcs	D1 Pro 20W	100	6	1	60	150	1	60	150	1	80	60	1
60	3mm Walnut plywood 30*30 6pcs	D1 Pro 10W	100	3	1	40	50	1	30	50	1	50	30	1
61	3mm Walnut plywood 30*30 6pcs	D1 Pro 5W	100	2	2	40	50	1						
62	3mm Birch plywood 30*30 6pcs	D1 Pro 20W	100	6	1	40	50	1	40	50	1	80	60	1
63	3mm Birch plywood 30*30 6pcs	D1 Pro 10W	100	3	1	80	50	1	70	50	1	50	30	1
64	6mm Basswood plywood 30*30 4pcs	D1 Pro 20W	100	6	3	60	100	1	60	100	1	80	60	1
65	6mm Basswood plywood 30*30 4pcs	D1 Pro 10W	100	2	4	60	50	1	50	50	1	50	30	1
66	6mm Cheery wood plywood 30*30 4pcs	D1 Pro 20W	100	5	3	40	50	1	40	50	1	80	60	1
67	6mm Cheery wood plywood 30*30 4pcs	D1 Pro 10W	100	2	3	60	50	1	50	50	1	50	30	1
68	6mm Walnut plywood 30*30 4pcs	D1 Pro 20W	100	5	2	30	50	1	30	50	1	80	60	1
69	6mm Walnut plywood 30*30 4pcs	D1 Pro 10W	100	2	3	80	100	1	70	100	1	50	30	1
70	6mm Birch plywood 30*30 4pcs	D1 Pro 20W	100	4	3	40	50	1	40	50	1	80	60	1
71	6mm White oak plywood 30*30 4pcs	D1 Pro 20W	100	5	2	80	100	1	80	100	1	80	60	1
72	6mm White oak plywood 30*30 4pcs	D1 Pro 10W	100	2	3	100	150	1	90	150	1	50	30	1
73	6mm Red oak plywood 30*30 4pcs	D1 Pro 20W	100	4	3	40	50	1	40	50	1	80	60	1
74	6mm Red oak plywood 30*30 4pcs	D1 Pro 10W	100	2	4	60	50	1	50	50	1	50	30	1
75	6mm Maple plywood 30*30 4pcs	D1 Pro 20W	100	5	3	80	250	1	80	250	1	80	60	1
76	6mm Maple plywood 30*30 4pcs	D1 Pro 10W	100	2	4	40	50	1	30	50	1	50	30	1

77	6mm Ash plywood 30*30 4pcs	D1 Pro 20W	100	3	2	40	100	1	40	100	1	80	60	1
78	6mm Ash plywood 30*30 4pcs	D1 Pro 10W	100	2	3	60	50	1	50	50	1	50	30	1
79	6mm Bubinga plywood 30*30 4pcs	D1 Pro 20W	100	4	3	60	50	1	60	50	1	80	60	1
80	6mm Bubinga plywood 30*30 4pcs	D1 Pro 10W	100	2	3	30	50	1	20	50	1	50	30	1
81	3mm Red Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	3	80	100	1	80	100	1	30	40	1
82	3mm Red Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	40	50	1	40	50	1	40	40	1
83	3mm Dark Red Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	3	40	50	1	40	50	1	30	40	1
84	3mm Dark Red Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	80	50	1	80	50	1	40	40	1
85	3mm Dark Red Acrylic Sheet (Opaque,Glossy)	D1 Pro 5W	100	1	3	100	50	1	100	50	1			
86	3mm Chrome Yellow Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	3	80	100	1	80	100	1	30	40	1
87	3mm Chrome Yellow Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	40	50	1	40	50	1	40	40	1
88	3mm Yellow Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	2	100	100	1	100	100	1	30	40	1
89	3mm Yellow Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	80	100	1	80	100	1	40	40	1
90	3mm Orange Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	3	40	50	1	40	50	1	30	40	1
91	3mm Orange Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	60	100	1	60	100	1	40	40	1
92	3mm Brown Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	2	40	50	1	40	50	1	30	40	1
93	3mm Brown Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	80	150	1	80	150	1	40	40	1
94	3mm Brown Acrylic Sheet (Opaque,Glossy)	D1 Pro 5W	100	1	3	40	50	1	40	50	1			
95	3mm Green Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	3	60	50	1	60	50	1	30	40	1
96	3mm Green Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	60	100	1	60	100	1	40	40	1
97	3mm Deep Green Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	3	60	50	1	60	50	1	30	30	1
98	3mm Deep Green Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	80	100	1	80	100	1	40	40	1
99	3mm Blood Red Acrylic Sheet (Opaque,Glossy)	D1 Pro 20W	100	3	3	100	100	1	100	100	1	30	40	1
100	3mm Blood Red Acrylic Sheet (Opaque,Glossy)	D1 Pro 10W	100	3	4	60	50	1	60	50	1	40	40	1
101	5mm Black Acrylic Sheet (Opaque,Glossy)30*30cm 2pcs	D1 Pro 20W	100	3	5	80	50	1	80	50	1	40	30	1
102	3mm Red Glitter Acrylic Sheet (Opaque, Glossy)	D1 Pro 20W	100	3	3	40	100	1	40	100	1	30	40	1
103	3mm Red Glitter Acrylic Sheet (Opaque, Glossy)	D1 Pro 10W	100	3	4	60	100	1	60	100	1	40	40	1
104	5mm Acrylic_red_3pcs	D1 Pro 20W	100	3	3	60	100	1	60	100	1	50	40	1
105	5mm Acrylic_red_3pcs	D1 Pro 10W	100	2	5	60	100	1	60	100	1	50	30	1
106	5mm Acrylic_brown_3pcs	D1 Pro 20W	100	3	3	60	150	1	60	150	1	50	40	1
107	5mm Acrylic_brown_3pcs	D1 Pro 10W	100	2	3	40	100	1	40	100	1	50	40	1
108	5mm Acrylic_green_3pcs	D1 Pro 20W	100	3	4	60	50	1	60	50	1	50	40	1
109	5mm Acrylic_green_3pcs	D1 Pro 10W	100	2	5	80	100	1	80	100	1	50	40	1
110	3mm Black Acrylic Sheet(Transparent, Glossy)	D1 Pro 20W	100	3	3	100	50	1	100	50	1	30	40	1
111	3mm Black Acrylic Sheet(Transparent, Glossy)	D1 Pro 10W	100	3	4	60	100	1	60	100	1	50	40	1
112	3mm Fluorescent Yellow Acrylic Sheet(Transparent, Glossy)	D1 Pro 20W	100	3	2	40	50	1	40	50	1	30	40	1
113	3mm Fluorescent Yellow Acrylic Sheet(Transparent, Glossy)	D1 Pro 10W	100	3	4	60	50	1	60	50	1	50	40	1
114	2mm Acrylic_brown_5pcs	D1 Pro 20W	100	5	3	40	50	1	40	50	1	50	40	1
115	3mm Red Acrylic Sheet(Transparent, Glossy)	D1 Pro 20W	100	3	3	60	100	1	60	100	1	30	40	1

116	3mm Red Acrylic Sheet(Transparent, Glossy)	D1 Pro 10W	100	3	4	60	50	1	60	50	1	40	50	1
117	5mm Acrylic_yellow_3pcs	D1 Pro 20W	100	3	4	80	100	1	80	100	1	50	40	1
118	5mm Acrylic_yellow_3pcs	D1 Pro 10W	100	2	4	60	50	1	60	50	1	50	40	1