

Common Material and Processing Parameter

Specification below is only for your reference:

Engraving Processing involves all kinds of industries, widely distribution, crafts industry, advertising industry, stamp industry, wood processing, artwork model, architecture industry, mechanical process, etc. Applicable material is widely used including metal, stone, PVC board, ABS board, acrylic, simulation stone, two-layer plate, aluminum plastic board, etc.

Processing Method	Applicable Materials	Material Thickness (mm)	Processing speed (mm/s)	Spindale Speed (rpm/min)	
Cutting	Plexiglas (Acrylic)	3	10-14	16000-18000	
		5	10-12	18000-20000	
		10	8-9	18000-20000	
		15	6-7	19000-21000	
		20	5-6	20000-22000	
	PVC Plate (Anticlockwise cutting)	20	8-12	18000-20000	
		15	10-14	16000-18000	
		10	15-20	16000-18000	
	Hibiscus plate	10	20-25	16000-18000	
		15	20-25	16000-18000	
		20	15-20	18000-19000	
	MDF	10	10-14	17000-19000	
		15	8-10	18000-20000	
18		6-8	18000-20000		
Two-layer plate	1.5	12-20	12000-18000		
Engrave	Color Plate	Badges	\\	18-24	12000-16000
		Door plate	\\	25-35	12000-16000
	3D processing	\\	10-15	18000-20000	