

G9 Engraving Machine Parameter Table for Dif

Material	Mode	Type	Power (%)	Speed (mm/s)	Line spacing (mm)
ABS	Infrared mode	vector lines	100	50	0.03
		vector fill	100	100	0.03
		Bitmap	100	\	\
black acrylic (3mm)	Blue light mode	vector lines	100	100	0.03
		vector fill	100	600	0.03
		cutting	100	2	0.03
	Infrared mode	Bitmap	100	\	\
carton	Blue light mode	vector lines	100	150	0.03
		vector fill	100	800	0.03
		Bitmap	60	\	\
		vector lines	100	300	0.03

Kraft paper	Blue light mode	vector fill	100	1500	0.03
		Bitmap	45	\	\

Note: 1. "/" means that this parameter does not need to be set. 2. Bitmap dot parameter setting: 128.

Material	Mode	Type	Power (%)	Speed (mm/s)	Lir
rock	Infrared mode	Vector fill	100	100	
		Bitmap	100	\	
	Blue light mode	Vector fill	100	500	
		Bitmap	100	\	
Glass (blackened)	Blue light mode	Vector fill	100	100	
		Bitmap	100	\	
PCB board	Blue light mode	Vector lines	100	300	
		Vector fill	100	400	
		Vector lines	100	300	

leather	Blue light mode	Vector fill	100	1000	
		Bitmap	60	\	

Note: 1. "/" means that this parameter does not need to be set. 2. Bitmap dot parameter setting: 128.

Material	Mode	Type	Power (%)	Speed (mm/s)	Line spacing (mm)	
Paulownia	Blue light mode	Vector lines	100	80	0.03	
		Vector fill	100	500	0.03	
		Bitmap	100	\	\	
density board	Blue light mode	Vector lines	100	150	0.03	
		Vector fill	100	500	0.03	
		Bitmap	50	\	\	
plywood (3mm)	Blue light mode	Vector lines	100	100	0.03	
		Vector fill	100	400	0.03	
		Bitmap	100	\	\	

		Cutting	100	10	\	
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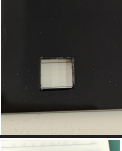
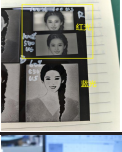
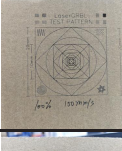
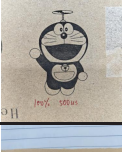
Note: 1. "/" means that this parameter does not need to be set. 2. Bitmap dot parameter setting: 128.

Material	Mode	Type	Power (%)	Speed (mm/s)	Lir
black aluminum oxide	Infrared mode	Vector lines	100	60	
		Vector fill	100	100	
		Bitmap	100	\	
Stainless steel/ brass	Infrared mode	Vector lines	100	10	
		Vector fill	100	30	
		Bitmap	100	\	
iron sheet	Infrared mode	Vector lines	100	20	
		Vector fill	100	50	
		Bitmap	100	\	
	Infrared mode	Vector lines	100	100	
		Vector fill	100	300	

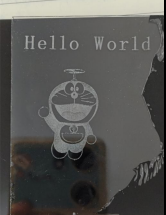
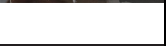
black metal business card		Bitmap	100	\	
	Blue light mode	Vector lines	100	400	
		Vector fill	100	1000	
		Bitmap	100	\	

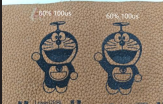
Test Problem:
There are abnormal phenomena such as uneven light output, poor filling, and b

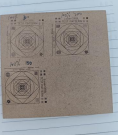
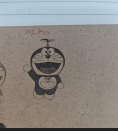
ifferent Materials

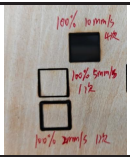
Accuracy	Dotting time (us)	Number of cuts	Image
\	\	\	
\	\	\	
high	2000	\	
\	\	\	
\	\	\	
\	\	1	
high	500	\	
\	\	\	
\	\	\	
high	100	\	
\	\	\	

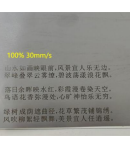
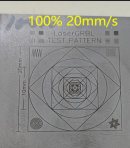
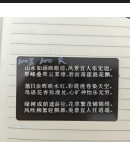
\	\	\	
high	100	\	

ie spacing (mm)	Accuracy	Dotting time (us)	Image
0.03	\	\	
\	high	1000	
0.03	\	\	
\	high	150	
0.03	\	\	
\	high	500	
0.03	\	\	
0.03	\	\	
0.03	\	\	

0.03	\	\	
\	high	100	

Accuracy	Dotting time (us)	Number of cuts	Image
\	\	\	
\	\	\	
high	80	\	
\	\	\	
\	\	\	
high	100	\	
\	\	\	
\	\	\	
high	100	\	

\	\	4	
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ie spacing (mm)	Accuracy	Dotting time (us)	Image
0.03	\	\	
0.03	\	\	
\	middle	600	
0.03	\	\	
0.03	\	\	
\	high	3000	
0.03	\	\	
0.03	\	\	
\	high	3000	
0.03	\	\	
0.03	\	\	

\	middle	500	
0.03	\	\	
0.03	\	\	
\	high	100	

breakpoints during the engraving process