



CO2 Laser	30W	40W	60W
Nominal Power	AC220V at 50Hz		
Power consumption(20°C)	800w	800w	800w
Wavelength(μm)	General:10.6μm, PET:9.3μm, Film:10.2μm		
Normal average output power(W)	≥30	≥40	≥60
Beam quality	m ² <1.8	m ² <1.8	m ² <1.8
Beam Diameter(mm)	7~9	7~9	7~9
Pulse duration(ns)	<120@30kHz	<120@30kHz	<120@30kHz
Pulse repetition rate(kHz)	10	10	10
Output power tunability(%)	10~100	10~100	10~100
Fiber cable length(m)	2~3	2~3	2~3
Modulation frequency	1-20kHz		
Marking range	110*110mm, (optional:70*70, 175*175, 300*300 mm)		
Maximum scanning speed	8000-12000mm/s		
Scan accuracy error	<2 mrad		
repetition error	<5 μrad		
Minimum line width	0.02mm		
Line depth	0.04~0.2mm(depending on material)		
Working environment	Temperature:0~42°C		
	Humidity:45~85%		
	Should work in dust-free, smoke-free, non-corrosive gas work environment		
Cooling System	Air cooling		
Safety	over-current protection;over-temperature protection;over-voltage protection		
Approximate GW	70~90kg with the wooden case		
Controller	Touch screen		