

AMS Fiber Laser

FIBER LASER FOR STATIONARY MARKING



AMS Fiber U Model Shown



AMS Fiber E Model Shown

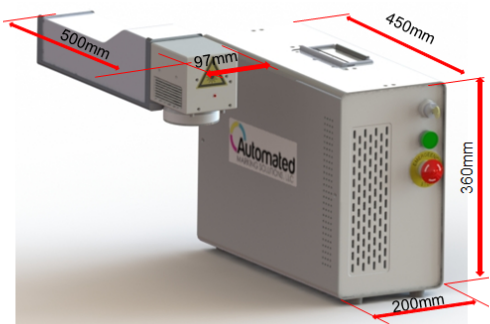


AMS Fiber O Model Shown



www.automarkco.com

P: 512-593-7100 F: 512-593-7101

TECHNICAL SPECIFICATIONS	AMS Fiber Laser				
Dimensions					
Wavelength	1064nm (MOPA and Q-Switch)				
Nominal Output	20W, 30W, 50W (Q), 60W (M), 80W (M), 100W (M)				
Pulse repetition frequency	1-400 kHz (Q-Switch) / 1.6~1000kHz (MOPA)				
Average power stability	<3%rms				
Scanning speed (Galvanometer)	F=160mm, ≤7,000 mm/s				
Position Speed (Galvanometer)	F=160mm, ≤10,000 mm/s				
Repeated positioning accuracy	8μRad				
Environmental Protection and Safety	Environmentally friendly (GB7247-87; GB 10320-88)				
IO Outputs	3; laser on/off/mark				
Focus Lens	F=160mm Standard	F=100mm Optional	F=210mm Optional	F=254mm Optional	
Marking Range	110mm x 110mm	70mm x 70mm	145mm x 145mm	175mm x 175mm	
Working Distance (theoretical reference): Distance from the bottom of the focus lens to the surface of the work piece	182±4.6mm	117.5±2.9mm	230±5.8mm	280±7.0mm	
Standard mark width	0.06mm (Depending on material)				
Min character height	0.2mm				
Cooling mode	Air cooling				
Power supply	AC110V Voltage fluctuation range of + 5%				
Ambient temperature	10~35°C				
Environment humidity	≤90%				
Vibration	0.98m / s2 {0.1G} or less, 10 ~ 60Hz. Transport: 4.9 m / s2 {0.5G} or less				