

Technical Specification for DAT Big Marking Area**Fiber Laser Marking Machine**

Technical Specification		
Marking Parameters	Marking Range	170mm×170mm (Range optional: 200mm×200mm,300mm×300mm etc)
	Minimum Character	0.2mm
	Minimum Line Width	0.05mm
	Repetition Accuracy	±0.003mm
	Engraving Linear Speed	≤7000mm/s
Laser Features	Type / Wavelength	Fiber Laser / 1064nm
	Output Power	30W
	Power Stability (8H)	<±1% rms
	Beam Quality M2	< 2
	Repetition Frequency	20kHz ~ 200kHz
Working Environment	Cooling	Air cooling
	Operating Temperature	15°C ~ 50°C
	Humidity Requirement	40% ~ 80% , non-condensing
	Power Requirement	110V~220V/50~60Hz/5A
	Total Power Consumption	≤ 500 w
Parts description	Adopts IPG // Raycus fiber laser and self-development system.	