

Machine description

DAT Laser
Identity solution provider



Datang portable fiber laser marker is specially designed for fittings and valve
Have obtained a number of patents including the appearance of the machine.
And Operating Systems with Independent Intellectual Property Rights
CE Obtained

Its advantages are

For Machine

1. Small in size, Save space
2. Humanized interface, easy to operate, low requirements for operators
3. Durable in use
4. No consumables, save production costs
5. Pollution-free and environment-friendly

For Marking content

1. Text, LOGO, Barcode, Qr code can be marked, the number of print line and fontsize is not limited
2. Marking content can be modified and edited on computer.
3. Marking content on the pipe is clear and easy to distinguish, permanent and non-erasable, with strong anti-fake and brand promotion performance

Technical Specification for
DAT Portable Fiber Laser Marking Machine

Technical Specification		
Marking Parameters	Marking Range	170mm×170mm (Range optional:30mm-300mm,can customize)
	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℃ ~ 50℃
	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.	