



CT M-300		CT M-400
Print Size	300x300x400 mm	400x350x350 mm
Machine Size	2705x990x2100 mm	3013x1140x2010 mm
Machine Weight	1200 kg	1700 kg
Powder Spreading Method	Powder Feeding & 2Way Powder Spreading	
Preheat Temperature	0-200°C	
Laser Type	Fiber Laser	
Maximum Power	10kW	15kW
Number of Lasers	2 Lasers	Options 4,6 & 8
Power Supply	3-Phase 380V	
Focused Spot	0.05-0.2mm Adjustable	
Vibrating Mirror Type	Grating Type High-Precision Digital Coding Lens	
Gas Shield	Argon / Nitrogen	
Scanning Speed	0-10 m/s	0-7 m/s
Layer Thickness	0.02-0.15mm	0.02-0.15mm
Circulatory System	0-5m³/min Multi-Layer Air Curtain Protection	
Z axis Resolution	1µm	
Filter System	The filtration efficiency of particle larger than 0.5 micron is 99.9%. (Upgradable permanent filter)	
Scanning Mode	Checkerboard grid, Honeycomb Hexagonal grid, Octagonal grid, Strips, Parallel lines, ect...	
Control Software	FastFab, with operation authority to control process guidance and online monitoring.	
Printable Material	Stainless steel, Cobalt-Chromium Alloy, Titanium Alloy, Pure Titanium Die Steel, Aluminum Alloy ect...	
Scanning Accuracy	The scanning repetitive positioning accuracy is $\leq 2 \mu$ rad; The linearity is 99.9% and the range is 20%. Proportional drift: 8PPM/°C	



**The Complete Solution for METAL 3D PRINTER, 3D SCANNERS
CNC WOOD, GLASS, STONE, METAL CUTTING & CARVING MACHINERIES**

An ISO 9001 : 2015 Certified Company

**41/9, Kulithalai Road, (Maris Spinner backside), Manapparai,
Trichy Dt. Tamilnadu, INDIA. Pin : 621 306.**

+ 91 94434 22219, + 91 94436 22219,
+91 94880 45688, + 91 94456 22219 (Hindi)

www.carvetech.in

sales@carvetech.in, info@carvetech.in