



Metal 3D Printer M-150

Precise. Stable. Efficient.



Balanced Quality & Efficiency

Large Build Volume $\Phi 150 \times 140$ mm
(including build plate)
More suitable for complex parts,
eg. Cast Metal RPD and Bar



Magnetic Build Plate

No manual adjustment
Better print consistency



Auto Gas & Oxygen Control

Uses less gas
No more refill waits



Compact Body

Measures 780mm x 950mm x 1660mm
Fits anywhere, Saves space.



High Precision

Upgraded chamber design
Sharp and accurate results



Steady Performance

Water cooling + sealed mechanics
Non-stop reliability

SAMPLE DISPLAY



■ TECHNICAL SPECIFICATIONS

Laser Source	Single fiber laser
Laser Power	500W fiber laser
Laser Wavelength	1.064 μm
Melting Speed	$\leq 14000 \text{ mm/s}$
Build Volume	$\Phi 150 \times 140 \text{ mm}$ (including build plate)
Layer Thickness	20–60 μm
Filtration System	Integrated
Protective Gas	Nitrogen or Argon
Production	200 pieces of crowns / 17 pieces of partial frames in 4.5 hours
Power Supply	220V / 50HZ / 3KW
Machine Weight	500kg
Machine Dimensions	780 x 950 x 1660mm
Environment Request	Temp 15°C–35°C, Humidity $\leq 95\%$, No vibration
Motion System	Motion Control Card Driver
Supply Chain Integration	Contains Chinese-Made Components
Print Management Software	Riton Control
Melting Material	CoCr / Titanium

■ AUXILIARY EQUIPMENT

