



## Metal 3D Printer M-150

Precise. Stable. Efficient.



### Balanced Quality & Efficiency

Large Build Volume  $\Phi 150\text{mm} \times 120\text{mm}$   
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          | 1.064μm   |
| Melting Speed             | ≤14000mm/s  |
| Build Volume              | Φ150mm x 120mm  |
| Layer Thickness           | 20-50μm   |
| Filtration System         | Integrated  |
| Protective Gas            | <b>Nitrogen or Argon</b>  |
| Production                | 200 pieces of crowns / 17 pieces of partial frames in 4.5 hours |
| Power Supply              | 3KW 220V  |
| Machine Weight            | 500kg   |
| Machine Dimensions        | 780mm x 950mm x 1660mm  |
| Environment Request       | Temp 15°C-35°C, Humidity ≤ 95%, No vibration                    |
| Motion System             | <b>Motion Control Card Driver</b>                               |
| Supply Chain Integration  | <b>Contains Chinese-Made Components</b>                         |
| Print Management Software | Riton Control   |
| Melting Material          | CoCr / Titanium   |

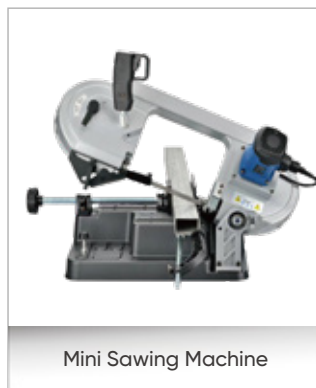
## ■ AUXILIARY EQUIPMENT



Nitrogen Generator



Vacuum Cleaner



Mini Sawing Machine



Quartz tube furnace