



Anysint™ M300

Easy to use Metal SLM system with large build area

In-house metal SLM out of your budget? No more.

We built our Anysint™ M300 system to provide in-house metal SLM capabilities for smaller metalworking shops, garages, motorsports specialists and many more — who might not need the throughput of expensive multi-laser systems, but will definitely appreciate the convenience and security of an in-house system.

LOW UPFRONT COSTS

For a Metal SLM system with 300x300x400mm build area, we hope you will pay the price a fraction of multi-laser systems and no longer consider in-house metal 3D printing out of your budget.

TOP PERFORMANCE

Yes, it is slower than expensive multi-laser systems, because it uses a single laser, but its patent-pending fast recoater makes Anysint™ M300 a top performer in its class.

LOW LEARNING CURVE

Most industry-standard slicing software packages that you might be familiar with from desktop 3D printing can be used — making transition to metal SLM process easier.

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Printing technology

- Selective Laser Melting (SLM)
Laser-melted powder bed fusion technology
- Air cooled fiber optic laser
- Two platform powder supply with patent pending powder recoater system of an original design
- Direct Laser Beam technology

Printing parameters

- Max build volume: 300x300x400 mm
- Precision: layer thickness 30–100 µm
- Production speed: 2-10 cm³/h
- Laser output: 300 W
- Max laser travel speed 500 mm/s
- Shield gas consumption 5-10 l/h
- Recoating speed: 6 s/layer
- Patent-pending dual-cam fast recoater

Print platform

- Quick release design
- Whole 300x300 mm build area is usable for printing, unlike some competitors

Compatible materials

- Stainless steel Ss316l
- Stainless steel 17-4pH
- Titanium Ti6Al4V
- Aluminium AlSi10Mg
- Other metal powders

Safety

- Built-in fume extraction/filtration system

Machine dimensions

- Machine size: 1500x1200x1800 mm (W,D,H)
- Weight: 650 kg
- Compared to competitors, compact machine size relative to build envelope size
- Compact maintenance and service zone
- All service can be performed from the front side

Operation and software

- Built-in touchscreen
- Klipper firmware
- Remote monitoring
- Print file format: G-code
- AI powered print monitoring
- 3DOptimizer full access included
- WIFI / LAN connection for print file upload

Power requirements

Max: 3 phase 16A, 480V

Regulatory compliance

CE, WEEE

Ambient conditions

- Operating ambient temperature: 15-35 °C, 10-90% RH

Included services

- On-site installation and training

Optional services

- On-site maintenance
- Extended warranty / SLA



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