

MARS05

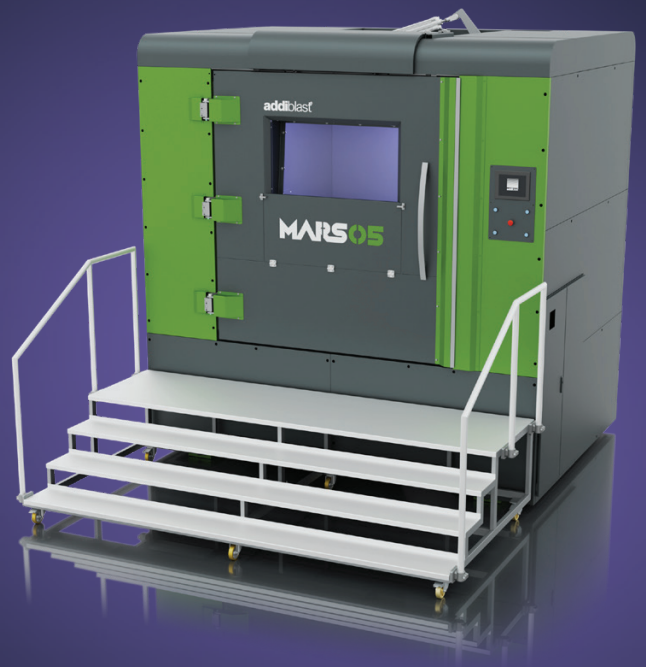
Metal Additive Removal System



Depowdering



Metal



**Fully automated depowdering for metal
3D-printed parts**

Basic configuration

- Enclosed chamber for safe operation (ATEX certified)
- Air gun for precision cleaning
- Large viewing window with LED workspace illumination
- Servo-driven swivel arm, 210° rotation range
- Ø 1500 mm servo-driven rotary table, 0–5 RPM
- Frequency-regulated electric vibrator on rotary table
- Vibration dampers on rotary table for improved stability
- Butterfly-valve operated powder hopper
- 12" color touch interface for full process management
- Electronic control box for managing all machine functions
- Safety fixtures for manual and automatic operation
- HEPA13 exhaust cartridges for high-efficiency filtration
- Pneumatic top lifting doors for crane loading

Technical specification

Workspace size (L x W x H) 2000 x 2000 x 2000 mm

Inert gas Ar, N₂, max. 8 bar / 116 PSI

Compressed air (min - max) 6 / 87 - 8 bar / 116 PSI

Air consumption 700 (air), 700 (gas) l/min

Power 3 x 230 / 400 V, 50 / 60 Hz

Weight 2300 kg



Build Plate Volume

up to
1000 x 1000 x 1000 mm



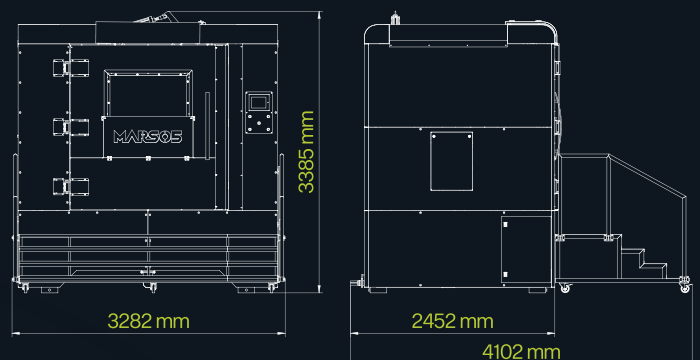
Load Capacity

(more if requested)
1100 kg

Optional

Inert gas infusion system

Maintains oxygen level between 4 and 2 % during operation. Argon or Nitrogen can be used.



Post processing, **redefined.**

FerroČrtalič d.o.o. | Sela 47, 8350 Dolenjske Toplice | Slovenia, EU | addiblast.com

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