

MARS01

Metal Additive Removal System



Depowdering



Metal

Manual depowdering machine for cleaning and removing supports from metal 3D-printed parts.

Basic configuration

- Enclosed chamber for safe operation (ATEX certified)
- Manual rotary table Ø 450 mm with locking position
- Air gun for precision cleaning
- Connection to dust extraction unit
- Pneumatic interface for connecting internal tools
- Adjustable support frame inside the chamber
- Internal shelving for tools and part placement
- Stainless steel sealed cabinet for long-term durability
- Large viewing window with interior LED illumination
- Mobile powder collection bin (5, 15, or 40 L)
- Pneumatic vibration system with dampers and pressure regulator
- Manual swivel arm for 180° part rotation
- Safety fixtures for secure manual operation

Optional

Inert gas infusion system

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



Technical specification

Workspace size (L x W x H) 850 x 900 x 1000 mm

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

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

Air consumption 1000 (air), 600 (gas) l/min

Power 230 / 400 V, 50 / 60 Hz

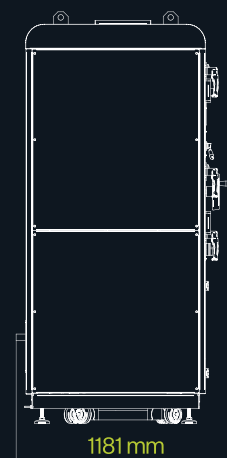
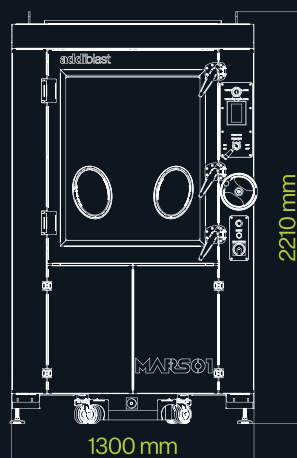
Weight 700 kg



Build Plate Volume
up to
300 x 300 x 400 mm



Load Capacity
max.
150 kg



Post processing, **redefined.**

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