

STAR01

Station for Transfer and Additive Recycling



Pneumatic transfer



Recycling



De-dusting



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

Basic configuration

- Powerful vacuum extraction pump
- Cyclone separator with cartridge HEPA 13
- Pulse-jet cartridge cleaning system
- Big powder collection bin on wheels - 15, 40, 75L
- Powder weight measurement system
- Easy to move on wheels
- Suction hose Ø 50, Ø 76, Ø 120 mm
- Compact unit
- Less time required to reach inert atmosphere
- Dust indicator

Technical specification

Inert gas	Ar, N ₂ , max. 8 bar / 116 PSI
Compressed air (min - max)	6 / 87 - 8 bar / 116 PSI
Air/gas consumption	150 l/min
Power	3 x 230 / 400 V, 50 / 60 Hz
Weight	500 kg

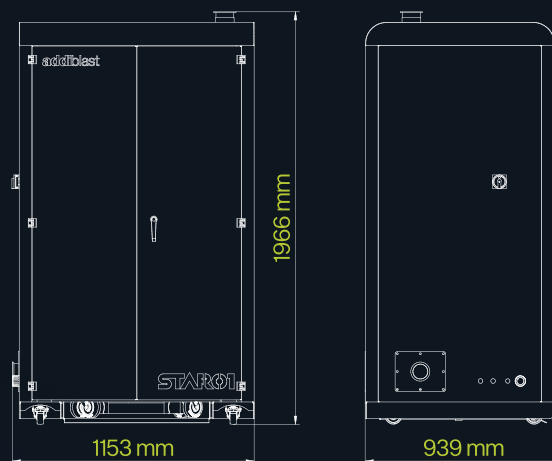
Optional

Ultrasonic sieving capabilities

Integrates sieving capabilities directly into the machine for closed-loop powder recovery.

Note

STAR 01 must be connected to MARS unit. It can maintain an inert closed-loop system throughout the entire process of de-powdering and powder transfer. Meanwhile, it provides good visibility inside the cabinet during both the process and blow-off stages.



Post processing, **redefined.**

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