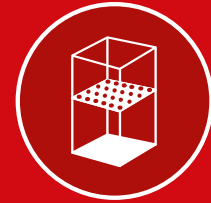


MPS 30 - The ultrasonic screening station with integrated pneumatic conveying for printers **with large build chambers**



**Powder sieving
stations**

Printer-independent

Process stable

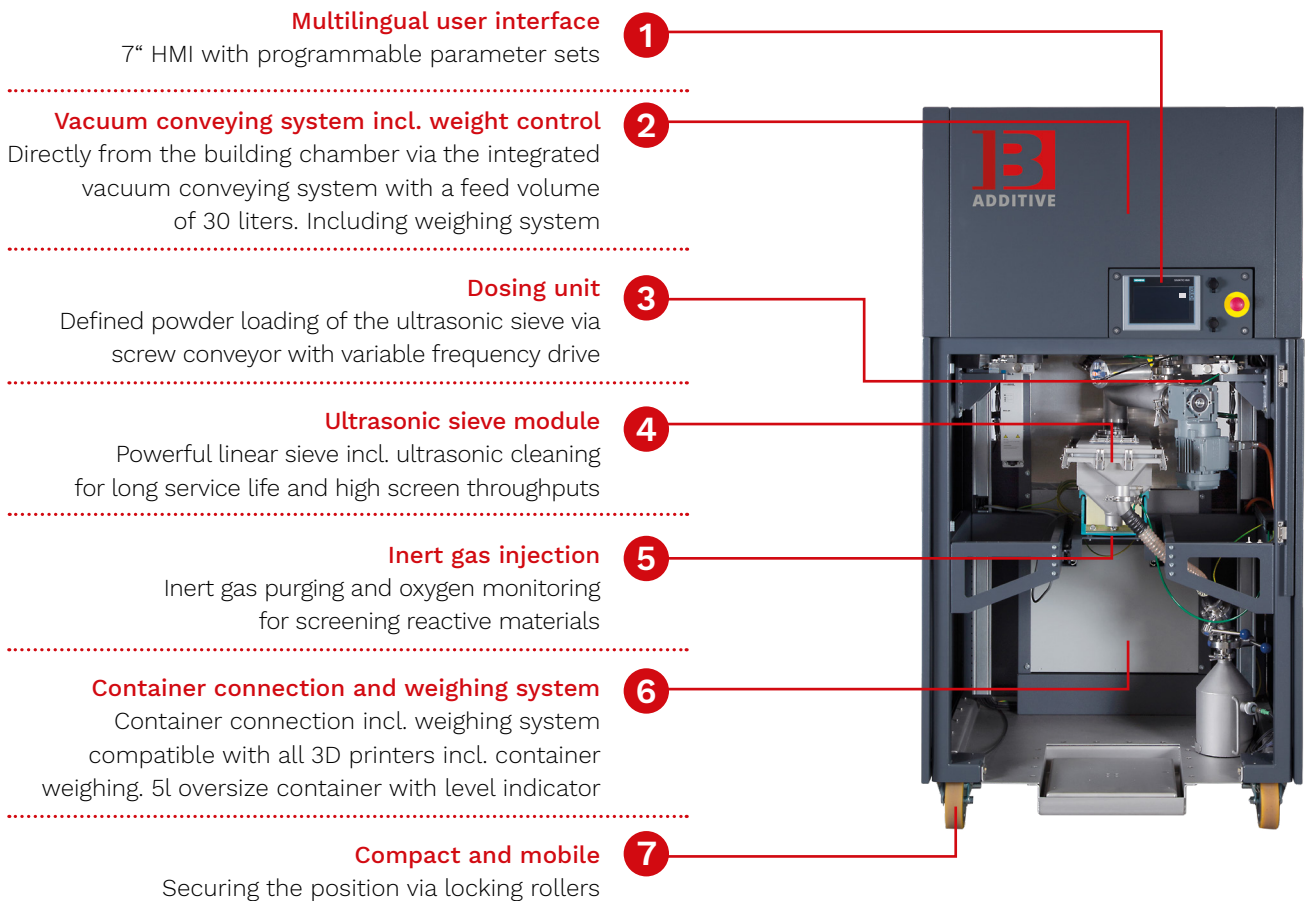
Powerful

Compact

Efficient **ultrasonic screening station**
for powder recovery

Ultrasonic sieving station MPS 30

Simple powder handling for medium and large building chambers

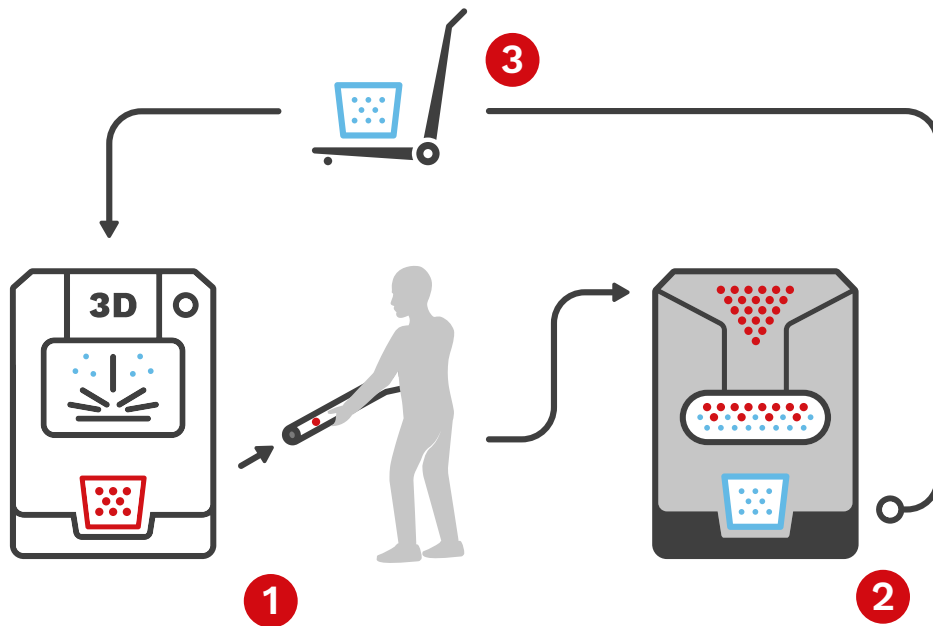


Technical Data

Dimensions	↔	1050 x 1100 x 2100 mm (W x D x H)
Empty weight	📦	450 kg net
Mesh size	⋮	37 μm - 250 μm
Screen drive	≈	Linear drive with ultrasonic cleaning
Inert gas	⚡	Argon / Nitrogen
Container volume	📏	3D printer dependent, oversize 5 liters
Electr. connection	⚡	400 V, 50-60 Hz
Documentation	📄	CE / EAC ATEX / GOST

Universally compatible in the smallest space and with the highest reliability

The MPS 30 Ultrasonic Sieving Station enables used powder to be fed directly from the building chamber of the 3D printer via the integrated vacuum conveying system. The return transport of the recycled powder back to the 3D printer takes place via the existing containers.

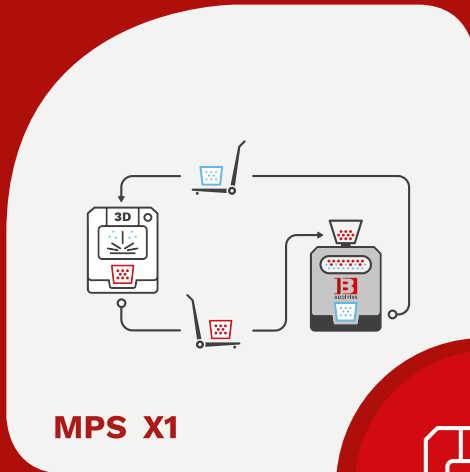


1. Conveying the powder from the 3D printer via a suction lance into the sieving station MPS 30
2. Inerting and ultrasonic sieving of the used powder in the MPS 30
3. Removing the container from the screening station and transport back to the 3D printer

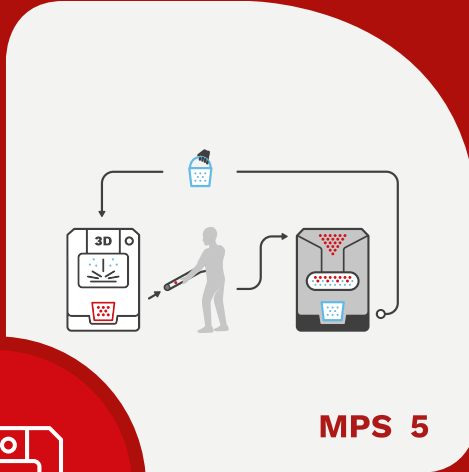
The advantages

- > Powerful ultrasonic sieve with long service life
- > Powder feed directly from the building chamber via vacuum conveying system with 30l feed volume
- > Inert gas purging and oxygen-monitoring
- > CE and EAC compliant
- > Weight control of the vacuum conveying system as well as the powder container
- > Sieve throughput aluminum 3l / min at 63 μ m
- > Sieve throughput titanium or stainless steel 6l / min at 63 μ m
- > ATEX and GOST certified

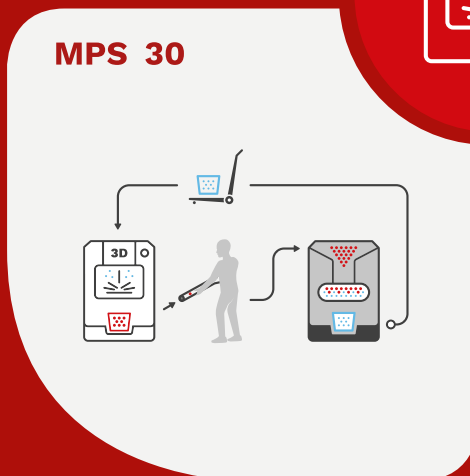
MPS screening stations for every application



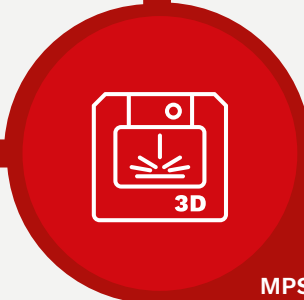
MPS X1



MPS 5



MPS 30



MPS X1
 The sieving station for flexible powder feeding via powder hopper

MPS 5
 The very compact screening station for 3D printers with small Building spaces

MPS 30
 The powerful and adaptable screening station for medium and large printers