SIEBTECHNIK TEMA

# APS Unpacking Station

# Ergonomic, low-dust and with good visibility!

## Unpacking SLS parts from changing frames, including recycling of the used powder.

With the APS Unpacking Station, we provide low-dust unpacking of laser-sintered parts from built frames.
With the features listed below in the Unpacking Station (some available as options), we improve the workflow in the downstream processes of unpacking, sieving and used/waste powder collection after additive manufacturing.

### Advantages of the APS Unpacking Station

- Uniform light distribution and light colour in the working area of the APS
- Laminated glass with ionisation device for a clear view of the components to be unpacked
- Electrically height-adjustable working level
- The build platform in the built frame is lifted using a foot switch so that both hands can remain in the work area
- Work area made completely of stainless steel
- Large work plate
- Integrated sieving machine with upstream parts separation
- Two separate stainless steel containers for collecting the used/waste powder
- Integrated scales for recording the quantities of used/waste powder after each unpacking process
- Flow-optimised exhaust system reduces dust exposure for employees and the surrounding area
- Switchable cleaning nozzle
- Compressed air connections for pre-cleaning parts
- Intuitive operation of the APS via touch screen display
- FDA-compliant design possible

Joint development with LMD KONSEQUENT ZIELFÜHREND

### Technical Data

| APS Unpacking Station | | |
|---|---|---|
| Dimensions (W×H×D) | mm | 2043 x 2153 x 709 |
| Working surface (W x D) | mm | 1521 x 504 |
| Working height | mm | 1025 – 1315 |
| Used/waste powder container | $dm^3$ | je 36 |
| Weight | kg | 530 |
| Operating voltage | | 230 V / 50 Hz |
| Recommended extraction capacity | $m^3/h$ | 900 $m^3/h$ – DN 100 |
| Compressed air supply | bar | 6 |
| Subject to technical changes. | | |

- Special designs on request - please contact us!

# SIEBTECHNIK TEMA

## 100 YEARS | TAILOR MADE

1922 - 2022

SIEBTECHNIK TEMA offers an extensive product portfolio for a wide range of industries around the world.

As a renowned OEM & system supplier, our group of companies specializes in mechanical engineering, process engineering, components and services. Customized solutions, precisely tailored to the needs of our customers, have been the key to our success for 100 years.

We are experts in the field of solid-liquid separation and processing of bulk mineral materials – with more than 50 local sales offices and representatives worldwide.

**Our product portfolio comprises:**

Automation Solutions | Decanters | Conveyor Chutes | Gas Pycnometers | Sliding Centrifuges | Control Screening Machines | Laboratory Equipment | Sampling Plants Sample Preparation | Pneumatic Post Systems | Setting Machines | Screening Machines | Screen Scroll Centrifuges | Pusher Centrifuges | Vibratory Centrifuges | Dryers Shredding Machines/Plants

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SIEBTECHNIK GmbH | Platanenallee 46 | 45478 Mülheim a.d. Ruhr
GERMANY | www.siebtechnik-tema.de | sales@siebtechnik.com

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