



# PowderEase™ T1

## Automated Powder Breakout, Retrieval and Dosing Station

### Optimize Your Workflow with PowderEase™ T1

Simplify your additive manufacturing process by automating powder breakout, retrieval, and dosing. This 3-in-1 solution reduces manual handling, optimizes powder usage, and enables scalable production while ensuring clean, controlled workflows.

### Increase Efficiency, Lower Costs

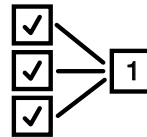
Save up to 50 minutes per build by automating time-consuming processes. T1 ensures efficient powder removal, consistent dosing and efficient mixing of used and virgin powders, enhancing productivity and powder recovery.

### Scale for Multiple Printers

Designed for high-volume environments, a single PowderEase T1 can comfortably support up to six H350™ printers using the same material, cutting operational costs and increasing uptime.



## Key Benefits of PowderEase T1:



### 3-in-1 Functionality:

Automates powder breakout, retrieval, and dosing, reducing manual labor



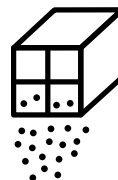
### Scalable:

One T1 comfortably supports up to six H350 printers, reducing equipment and labor needs.



### Time-Saving:

Cuts up to 50 minutes per build compared to manual workflows. Improved Powder Utilization: Maximizes powder retrieval with minimal waste.



### Improved Powder Utilization:

Maximizes powder retrieval with minimal waste.



### Clean, and Accurate:

Automated handling ensures clean, traceable, and precise operations.



Specifications	
Technology	Automated Powder Breakout, Sieving, Dosing, and Barrel-Loading
Platform size	500 x 400 mm (19.68 x 15.75 in.)
Dimensions (W x D x H)	950 x 1675 x 1625 mm (37.40 x 65.95 x 63.98 in.)
Weight	750 kg (1653 lbs.)
Space Requirement (W x D)	2640 x 2200 mm (103.94 x 86.61 in.)
Power Requirements	240 VAC, 1PH; 50 Hz
Power Consumption	2 kW (2.72 hp)
Compressed Air	6-10 bar (87-145 psi), minimum flow rate: 1500 l/min. (396 gal/min.)
Noise Emission	< 80 dB (A)
Screen Sizes	Ø 300 mm (Ø 11.81 in.), Mesh width: 250 µm (9.8425 mil)
Dosing System	Automated dosing system for powder
Loading Capacity	Supports 2 full builds without refilling
Operating Temperature Range	15-30 °C (59-86 °F)
Operating Humidity	[30-70]% RH
Extraction rate	150m <sup>3</sup> /h (88 CFM)
Compatible Materials	PA12, PA11, PP
Certifications	ISO 8573-1 Class 2:4:2 REACH, RoHS, WEEE, Modern Slavery Act, Conflict Minerals regulation



**stratasys.com**  
ISO 9001:2015  
Certified

Stratasys Headquarters  
7665 Commerce Way,  
Eden Prairie, MN 55344  
+1 800 801 6491 (US Toll Free)  
+1 952 937-3000 (Intl)  
+1 952 937-0070 (Fax)

1 Holtzman St., Science Park,  
PO Box 2496  
Rehovot 76124, Israel  
+972 74 745 4000  
+972 74 745 5000 (Fax)

## PRODUCT SPEC SHEET SAF

© 2024 Stratasys. All rights reserved. Stratasys and SAF are registered trademarks of Stratasys Inc. PowderEase is a trademark of Stratasys, Inc. All other trademarks are the property of their respective owners, and Stratasys assumes no responsibility with regard to the selection, performance, or use of these non-Stratasys products. Product specifications subject to change without notice. PSS\_SAF\_PowderEase T1\_1124a