TECHNICAL DATA SHEET

Product Data Sheet · Revision: November 2026

BOOTHS & RECOVERY

Manual Powder Booths

Manual Powder Booths bring manual powder application together with powder recovery — a flexible, operator-controlled coating station designed for complex parts, touch-ups and low-to-medium-volume work.

Open online

strong3000.com/en/products/manual-powder-booths/



KEY FIGURES

Booth face air velocity	Recovery	Final filter emission	Body material
0.35 – 0.5 m/s	**Cyclone or cartridge after-filter**	**< 5 mg/m³**	**Painted cold-rolled steel / stainless option**

OVERVIEW

Designed for Manual Application.

Manual Powder Booths let the operator directly control manual powder application, while powder recovery returns overspray powder to the production flow.

The booth is completed with cyclone or after-filter recovery so clean air is returned to the shop floor, and is suited to low-to-medium-volume production. It works as a coordinated line with STRONG3000 guns and the powder feed system.



BOOTH OPTIONS

The Manual Booth That Fits Your Work.

Size, filter layout and control panel are chosen to suit the part size and production pace.



WITH FILTER SECTION

Filter Booth with Access Ladder

Filter section and service ladder on top, a cabinet with doors below the worktop. The side panel carries the gun control unit and a socket.



STAINLESS INTERIOR

Booth with Touch-Screen Control

Stainless steel interior with part hooks. The touch-screen control panel, emergency stop and control buttons are grouped on the front panel.

KEY BENEFITS

Operator Control and Flexibility.

Manual Application

Precise, flexible powder application under operator control.

Powder Recovery

Overspray powder is recovered and waste is reduced.

Suited to Complex Parts

Flexible for complex geometries, samples and touch-ups.

System Compatible

Works with STRONG3000 guns.

GALLERY

Take a Closer Look.









TECHNICAL SPECIFICATIONS

Manual Powder Booths — Technical Specifications.

Values are typical ranges; final values are confirmed per project by STRONG3000 engineering.

Booth face air velocity	0.35 – 0.5 m/s
Recovery	Cyclone or cartridge after-filter
Final filter emission	< 5 mg/m³
Body material	Painted cold-rolled steel / stainless option
Lighting	≥ 800 lux, LED above the booth
Compressed air	6 – 8 bar, dry & oil-free
Dimensions	Engineered to the part envelope

WHY STRONG3000?

The Engineering Difference.

We don't sell equipment and walk away; we stay with your line from design through commissioning and beyond.

Integrated Engineering

Machinery, electrical, automation and software under one roof — not sourced and assembled.

In-House Technology

Smart AI and OWL are original STRONG3000 technologies developed in-house.

Proven Experience

25+ years of engineering; installation, commissioning and service in 40+ countries.

24/7 Support

Phone, remote connection and 24/7 live support via WhatsApp.

Quotes & Technical Consulting

Tell us about your part, capacity and process. A STRONG3000 engineer will get back to you with a tailored proposal.

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FOR A QUOTE, PREPARE

- Product to Be Coated
- Max. Part Dimensions
- Required Capacity
- Number of Colors
- Daily Color Changes
- Coating Process
- Project Timeline

Values are typical ranges; final values are confirmed per project by STRONG3000 engineering. This sheet summarises the product page on our website; scan the QR code for the latest information.