STRONG3000

TECHNICAL DATA SHEET

Product Data Sheet · Revision: November 2026

BOOTHS & RECOVERY

Steel Monocyclone Booths

Steel Monocyclone Booths combine fast color change through monocyclone powder recovery with a durable stainless steel body — designed for long service life on intensive, high-output lines and for recovering overspray powder.

Open online
strong3000.com/en/products/steel-monocyclone-booths/



KEY FIGURES

Booth face air velocity	Body	Recovery	Color change time
0.35 – 0.5 m/s	**Stainless / cold-rolled steel**	**Monocyclone, efficiency ≥ 95%**	**10 – 20 min**

OVERVIEW

Durability for Intensive Lines.

Steel Monocyclone Booths combine the robust, durable construction of a stainless steel body with the monocyclone recovery principle, providing long service life under intensive use while speeding up color changeovers and returning overspray powder to the production flow.

The monocyclone is an ideal powder recovery solution for high-output lines with frequent color changes, and is completed with an after-filter so clean air is returned to the shop floor. It works as a coordinated line with STRONG3000 guns and the powder feed system.



BOOTH TYPES

Two Options to Suit Your Line.



CONVEYOR LINE

Standard Steel Booth

Parts pass through the booth on the overhead conveyor; automatic guns enter through the side openings. The gun control units and the touch-screen control cabinet stand beside the booth.



BAR TRANSFER

Booth with Bar Transfer

Parts are hung on bars, and the overhead bar transfer system moves them between the booth and the oven. Suited to plants that run in batches instead of a continuous conveyor, and to large parts.

KEY BENEFITS

Durable, Efficient Coating.

Fast Color Change

Monocyclone recovery shortens changeovers between colors.

Durable Steel Body

Stainless steel construction delivers long service life under intensive use.

Powder Recovery

Overspray powder is recovered and waste is reduced.

System Compatible

Works with STRONG3000 guns.

TECHNICAL SPECIFICATIONS

Steel Monocyclone 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
Body	Stainless / cold-rolled steel
Recovery	Monocyclone, efficiency ≥ 95%
Color change time	10 – 20 min
Final filter emission	< 5 mg/m³
Control	PLC + touchscreen

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.