

STRONG3000

PRODUCT & SOLUTION BROCHURE · 2026

SURFACE FINISHING TECHNOLOGIES

Every surface, engineered.

Equipment and turnkey lines for powder coating, powder enamel, wet enamel and wet paint: from application equipment to ovens, from automation to service, under one roof.

Powder Coating | Powder Enamel | Wet Enamel | Wet Paint | Smart AI | OWL

For dealers, sales and marketing teams · strong3000.com

STRONG3000

A Company Built on Engineering.
Designed. Engineered. Manufactured.



STRONG3000 is a surface finishing technology manufacturer that develops powder coating, powder enamel, automation and turnkey finishing lines at its production facility in Türkiye. We bring mechanical and electrical engineering, automation, control software and application technology together under one roof.

25+
years of engineering

40+
countries: installation, commissioning, service

2003
STRONG3000 founded

24/7
live support by phone, remote connection and WhatsApp

Mechanical Engineering
Booths, conveyors, ovens and recovery.

Electrical Engineering
Power, control cabinets and line wiring.

Automation & Software
Reciprocators, robotics, PLC and Smart AI.

Application Technology
Gun, injector and powder delivery development.

Trust Built on Engineering.

Integrated Engineering
Mechanical, electrical, automation and software developed together.

In-House Technology
Smart AI and OWL are original technologies developed in-house.

Turnkey Capability
Delivery, installation and commissioning — from a single piece of equipment to a complete line.

Powder Enamel Expertise
Deep expertise in vitreous and porcelain enamel, shared by few in the industry.

Global Support
Installation, commissioning and long-term service in 40+ countries.

Total Responsibility
Single-source responsibility from design to commissioning.



Proven in R&D Before It Reaches the Field.

At the STRONG3000 R&D Center, we run trials of products and coating processes ourselves before our customers' plants are built. Every part geometry, coating type and production scenario is tested before it reaches the field, so commissioning starts with proven, optimized solutions.

Brands We Work With.

Arçelik · Vestel · BSH · Electrolux · Beko · Groupe Atlantic · Simfer · Kumtel · Klass · Samsun Makina Sanayi · İtimat · Artel · Smalvic · Xingbang · Fresh · Fiesta · Crescent · Sogequip · Senator · Yuka · Datees · Condor

Brands belong to their respective owners.

PORTFOLIO MAP

Every stage of the line, under one roof.

We design, manufacture and commission every piece of equipment in a finishing line, from pretreatment to curing. You can buy a single unit or a turnkey line: every component is engineered as part of the same system.

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TECHNOLOGY · SMART AI

Describe your part; let Smart AI suggest the setting.

AI support for powder coating settings. Enter the part's geometry, material, powder type and working conditions; Smart AI suggests a ready setting for gun distance, head group, kV, µA and air, and the screen keeps track of the values throughout production.



The world's first powder coating unit with integrated AI.

01

First, Describe Your Part.

Smart AI is started from the unit's screen. In a few steps you describe your part and working conditions; the system works out the setting.

Geometry and size · Material · Surface preparation · Powder type · Environment · Application conditions

02

Let Smart AI Suggest the Setting.

Based on your inputs, Smart AI offers a ready setting: gun distance, head group, kV, µA and air. The values are sent to the unit with a single touch.

Distance · Head group · kV · µA · Air

03

Set and Actual

Once applied, the screen shows whether the values are actually being delivered throughout production. Set, on top, is the limit value; Actual, below, shows the kV and µA actually delivered.



Smart air control

Main and assist air are controlled by separate valves and sensors.



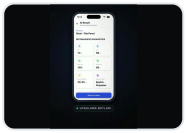
QR-coded manuals

The screen has QR-coded manuals and a connection menu; spare parts and user manuals open with a phone camera.



Maintenance tracking

Usage time of wear parts is tracked against their service life.



Smart AI in Your Pocket, Too.

Smart AI is also in the STRONG3000 mobile app.

Choose Your Setup.

Smart AI — Powder Coating (Hopper)

With a fluidized powder hopper; for long runs in one color.

Smart AI — Powder Coating (Multicolor)

Draws powder straight from the box; for shops that change color often.

Smart AI + OWL

The only unit that integrates with OWL; intelligent motion and ready settings together on complex geometries.

Smart AI — Powder Enamel

Configured for vitreous / porcelain powder enamel application.

Smart AI — Technical Specifications.

Display	**Color touchscreen interface**	Supply Voltage	**110–240 V AC · 50–60 Hz**
Power	**25 W**	Current Range	**0–120 µA (Corona) · 0–5 µA (Tribo)**
Powder Output	**0–27 kg/h**	Inlet Air Pressure	**6–8 bar**

Product page
Video, screens and datasheet

TECHNOLOGY · OWL

OWL
Intelligent Motion

A smart articulating powder gun whose head turns up to 75° in every direction. It goes inside deep parts and directs powder straight onto corners, edges and inner surfaces.

World patented. ATEX and CE compliant.



75°
Head movement in every direction

25%
Field-proven powder saving

6
OWLs from one screen, each with its own settings

CE · ATEX
Standards compliant

Classic cavity system

- One-direction spray
- Thin coating in inner corners
- Excess powder consumption
- Uncontrolled film thickness

Robot system

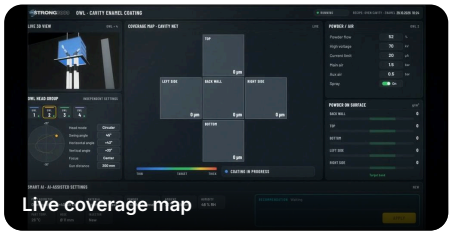
- Limited motion in narrow recesses
- Slower line, longer booth
- Programming for every part
- Touch-up with extra guns
- High investment

OWL · Smart articulating powder gun

- Head group ±75° in every direction
- Direct to corners and inner surfaces
- Live coverage map
- Smart AI setting recommendations
- Local correction in a few taps
- 25% powder savings
- Low investment



Real footage: OWL heads inside the cavity


Live coverage map



Local correction

Motion	**Head turns up to 75° in every direction**	Control	**Up to 6 OWLs from one screen, each with its own settings**
Motion Profiles	**Inside tube, spot focus, flat sweep, edge sweep, cycle**	Processes	**Powder coating and powder enamel; horizontal application and deep-drawn parts**
Integration	**Smart AI kit · line-optimization version**	Interface	**Live coverage map, local correction**
Standards	**CE · ATEX**	Patent	**World patented**

OWL film & sheets
Cavity, wheel, profile and wire application sheets

PRODUCT FAMILY 01 / 06

Application Equipment

Control units and guns — the heart of electrostatic application, from manual work to automatic lines, in powder coating and powder enamel.



ADAPTIVE INTELLIGENCE CONTROL PL...

Smart AI

AI support for powder coating settings: describe the part and Smart AI suggests gun distance, head group, kV, µA and air.

Display	**Color touchscreen interface**
Supply Voltage	**110–240 V AC · 50–60 Hz**
Power	**25 W**



SMART SERIES CONTROL UNIT

Smart

Smart is a programmable control unit with a large recipe library, multi-gun coordination and data connectivity.

Output voltage	**0 – 100 kV fine adjustment**
Recipes	**100 programs**
Interface	**7" touchscreen**



TOUCHSCREEN CONTROL UNIT

Elite Plus

Elite Plus brings touchscreen control to professional powder application.

Output voltage	**0 – 100 kV fine adjustment**
Recipes	**50 programs**
Variants	**Hopper / Multicolor**

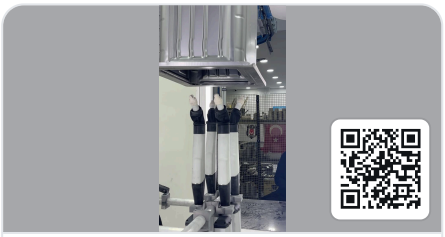


ELITE SERIES CONTROL UNIT

Elite

Elite is an essential electrostatic control unit designed for everyday manual powder application.

Output voltage	**0 – 100 kV in steps**
Recipes	**1 product recipe memory**
Interface	**Buttons + LED indicator**

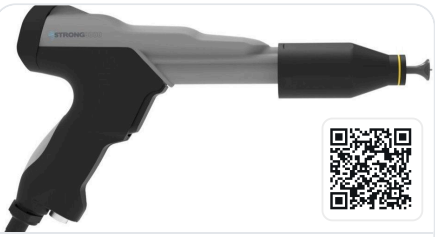


75° HEAD MOVEMENT IN EVERY DIRECT...

OWL

A smart articulating powder gun whose head turns up to 75° in every direction.

Standards	**CE · ATEX**
Patent	**World patented**

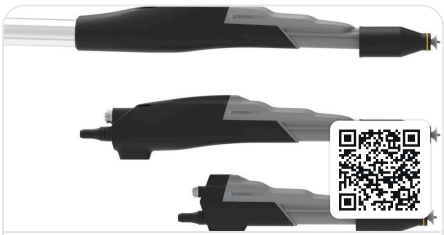


MANUAL APPLICATION

Manual Powder Coating Gun

The Manual Powder Coating Gun puts electrostatic powder coating directly in the operator's hand.

Nominal input voltage	**10 V eff (varies by project)**
Operating frequency	**18 kHz**



AUTOMATIC APPLICATION

Automatic Powder Coating Gun

The Automatic Powder Coating Gun makes electrostatic powder coating continuous and repeatable for high-volume productio...

Output voltage (U max)	**100 kV DC**
Output current (I max)	**120 µA DC**



VITREOUS ENAMEL EQUIPMENT

Powder Enamel Gun

The Powder Enamel Gun is engineered to apply electrostatic dry glass-frit enamel powder.

Application	**Powder enamel (vitreous)**
Output voltage	**0 – 100 kV (adjustable)**
Manual / Automatic	**Both variants available**

TECHNICAL DOCUMENTS

A datasheet for every product.

Scan the QR code on any card to open the product page and use “Download Technical Datasheet” for the PDF. All datasheets, the catalogue and certificates on one page:

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PRODUCT FAMILY 02 / 06

Powder Management

Feeding systems that move powder from the box to the gun, sieve it and speed up colour changes.

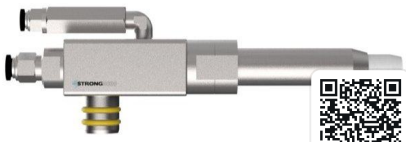


STABLE POWDER OUTPUT

Powder Coating Injectors

Powder coating injectors deliver stable, repeatable powder output to the guns — venturi and dense-phase feed technologies engineered for consistent...

Operating principle	**Venturi injector**
Powder flow rate	**50 – 450 g/min**
Conveying air	**6 – 8 bar, dry & oil-free**

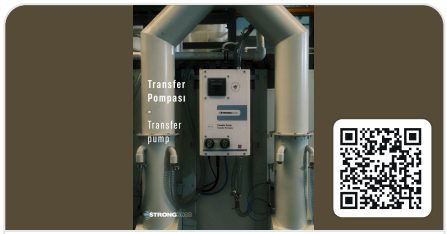


ENAMEL POWDER FEED

Powder Enamel Injectors

Powder enamel injectors are designed for abrasive glass-frit enamel powder.

Powder flow rate	**50 – 400 g/min**
Conveying air	**6 – 8 bar, dry & oil-free**



POWDER TRANSFER

TP-2 Transfer Pump

The TP-2 Transfer Pump moves powder gently and at high rate between hopper, box and powder center — dense-phase transfer technology engineered for...

Powder transfer	**6 kg per minute over 15 m**
Conveying air	**6 – 8 bar, dry & oil-free**



FAST COLOR CHANGE

Powder Center

The powder center is the central unit that feeds powder to the guns, available in two models.

Feeding the guns	**✓Yes**
Low-powder warning	**✓Yes**
Single-screen control	**✓Yes**



DIRECT FEEDING FROM THE DRUM

Drum Feed System

The drum feed system draws powder straight from the powder drum with a transfer pump and delivers it to the booth.

Extraction	**Embossed-tip suction tube**
Color change	**Easy cleaning**
Integration	**Fresh feed and recovery lines**

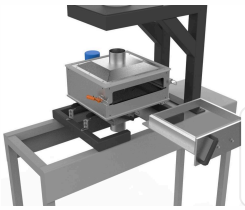


BULK FEEDING

BigBag Feeding Systems

BigBag feeding systems provide bulk powder feeding directly from the big bag for high-consumption, single-color lines.

Big bag capacity	**500 – 1,500 kg**
Types	**Hoist type / box type**
Control	**Line PLC integration**



POWDER SIEVING

Ultrasonic Sieves

Ultrasonic sieves screen both virgin and reclaimed powder with ultrasonic sieving.

Sieving technology	**Ultrasonic, blinding-free**
Mesh size	**100 – 250 µm (per application)**
Integration	**Powder center & recovery line**

SELECTION TIP

Which feeding for which production?

Long runs, one colour
Drum feed or BigBag: powder fed straight from the drum or the big bag.

Frequent colour changes
Powder center and the TP-2 transfer pump.

Powder enamel
Powder enamel injectors for abrasive glass frit powder.

Reclaimed powder
Ultrasonic sieve: removes agglomerates and oversize particles.

Stable powder output
Powder coating injectors: for consistent film thickness.

PRODUCT FAMILY 03 / 06

Automation & Robotics

Systems that automate gun motion — from a single axis to 6-axis robots, matched to the part geometry.



VERTICAL STROKE MOTION

Single-Axis Reciprocator

The Single-Axis Reciprocator moves automatic guns up and down along a single vertical stroke axis.

Stroke	**500 – 2,500 mm (project-based)**
Speed	**0 – 0.5 m/s (adjustable)**
Drive	**Servo / geared motor**



TWO-AXIS MOTION

Two-Axis Reciprocator

The Two-Axis Reciprocator adds in/out motion to the vertical stroke, moving automatic guns toward and away from the part.

Stroke	**500 – 2,500 mm (project-based)**
Speed	**0 – 0.5 m/s (adjustable)**



THREE-AXIS MOTION

Three-Axis Systems

Three-Axis Systems add a third axis to vertical stroke and in/out motion.

Speed	**Adjustable per axis**
Gun group	**Multi-gun manifold**

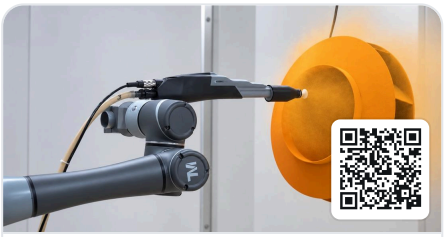


MULTI-AXIS ACROBAT

Acrobat Systems

Acrobat Systems move automatic guns into and out of recesses with an “acrobat” motion profile that combines in/out travel with a vertical stroke.

Application	**Stove, oven and enamel parts**
Control	**PLC + recipe-based profiles**



INDUSTRIAL ROBOTS

Robot Integration

Robot Integration mounts automatic guns on 6-axis industrial robots to coat parts with complex geometries.

Number of Axes	**6**
Control Integration	**Smart AI**

TECHNICAL DOCUMENTS

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SELECTION GUIDE

Which motion for which part?

Single axis
Repeatable vertical stroke on flat and tall parts.

Two axes
In/out motion: surfaces of varying depth and recesses.

Three axes
A third axis: broad coverage on parts of varied profile.

Acrobat
A motion profile that reaches deep, recessed and shadowed zones.

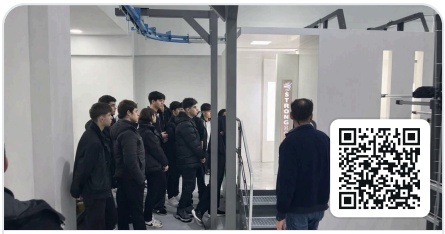
Robot integration
6-axis robot: complex geometry, integrated with Smart AI.

Cavities and deep parts
OWL: the head turns 75° in every direction; no large robot investment.

PRODUCT FAMILY 04 / 06

Booths & Recovery

Application booths and powder recovery: fast colour change, a clean environment and efficient powder use.



FAST COLOR CHANGE

PVC Powder Coating Booths

Powder-repellent PVC walls, automatic floor powder evacuation and monocyclone recovery in one booth.

Body	**Powder-repellent PVC panels**
Powder evacuation	**Floor air valves + under-booth extraction**



STAINLESS BODY

Steel Monocyclone Booths

Steel Monocyclone Booths combine fast color change through monocyclone powder recovery with a durable stainless steel body.

Body	**Stainless / cold-rolled steel**
Recovery	**Monocyclone, efficiency ≥ 95%**

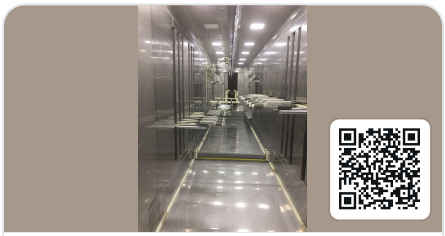


MANUAL APPLICATION

Manual Powder Booths

Manual Powder Booths bring manual powder application together with powder recovery.

Final filter emission	**< 5 mg/m³**
Lighting	**≥ 800 lux, LED above the booth**
Compressed air	**6 – 8 bar, dry & oil-free**

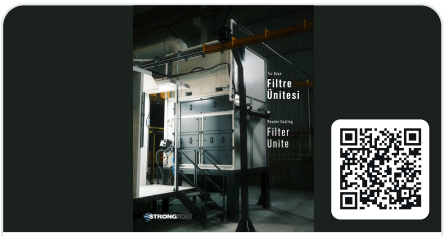


CAVITY, BURNER CAP, PIPE, STOVE

Powder Enamel Booths

Powder enamel booths engineered to the part geometry — for oven cavities, burner caps, flat parts and stove pipes — with materials resistant to abrasive...

Application	**OWL & automatic enamel guns**
Recovery	**Sieving integration suited to enamel**

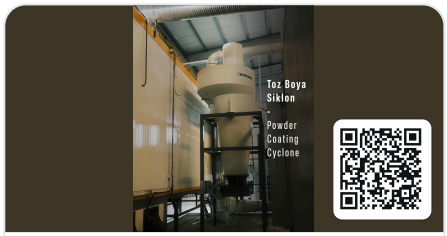


AIR FILTRATION

Filter Units

Filter Units provide final-stage filtration with a cartridge after-filter.

Emission	**< 5 mg/m³**
Cleaning	**Jet-pulse, 5 – 6 bar**

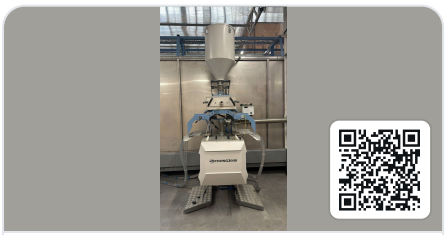


POWDER SEPARATION

Cyclones

Cyclones recover overspray powder by separating it from the airflow using the cyclone separation principle.

Separation efficiency	**≥ 95% (particles above 10 µm)**
Pressure drop	**800 – 1,200 Pa**



FOR SINGLE-COLOR LINES

Recovery & Sieving Units

Reclaims powder from under the booth, sieves it and removes contaminants, then mixes it with virgin powder and feeds it back to the guns through injectors.



CONTROLLED APPLICATION ENVIRONM...

Climate Room

The Climate Room brings the powder application area under temperature and humidity control.

Temperature	**22 ± 2 °C**
Relative humidity	**%45 – 60**

TECHNICAL DOCUMENTS

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PRODUCT FAMILY 05 / 06

Industrial Ovens

Drying, curing and enamel firing: ovens sized to the capacity and the part.



PRE-COATING MOISTURE REMOVAL

Dry-off Oven

The STRONG3000 Dry-off Oven flashes off all water and moisture left on parts coming out of the pretreatment tunnel, before powder application.

Operating temperature	**110 – 160 °C**
Task	**Drying after pretreatment**



CURING OVENS

Powder Coating Ovens

STRONG3000 Powder Coating Ovens cure and polymerize the organic resin of the applied powder coating at approximately 160–200°C.

Operating temperature	**160 – 220 °C**
Temperature uniformity	**± 3 – 5 °C**



ENAMEL FIRING

Powder Enamel Firing Ovens

STRONG3000 Powder Enamel Firing Ovens fire the applied enamel powder (glass frit) at approximately 780–850°C to fuse it onto the steel surface.

Firing temperature	**780 – 860 °C**
Temperature uniformity	**± 5 °C**

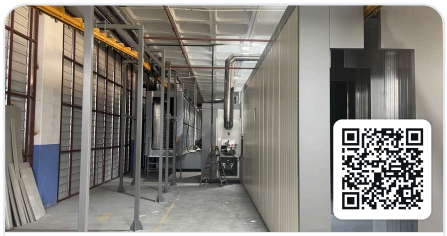


BATCH CURING

Box Ovens

Box Ovens provide flexible batch curing for varied and low-to-mid volume production.

Oven Type	**Box / batch**
Operating Mode	**Batch loading**



CONTINUOUS CURING

Conveyor Ovens

Conveyor Ovens are designed for high-volume lines with uninterrupted part flow.

Oven Type	**Conveyor / continuous**
Operating Mode	**Continuous conveyor flow**
Entry / Exit	**High-pressure air curtains**



COMPACT LAYOUT

U-Type Ovens

U-Type Ovens bring entry and exit to the same side with a U-turn conveyor layout.

Application	**Powder curing & enamel firing**
Advantage	**Up to 30% space saving**
Control	**PLC + touchscreen**

SELECTION GUIDE

Curing or firing?

Powder coating
Powder coating ovens: curing at about 160–200 °C.

Powder enamel
Firing ovens: fusing onto steel at about 780–850 °C.

After pretreatment
Dry-off oven: removes water and moisture before coating.

Variable, low-medium volume
Box oven: flexible batch production.

Continuous high volume
Conveyor oven: parts flow without stopping.

Entry and exit on one side
U-type oven: a U-turn conveyor layout.

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PRODUCT FAMILY 06 / 06

Pretreatment, Wet Paint & Test

Surface preparation before coating, wet paint systems, laboratory and quality measurement.



IMMERSION CLEANING

Dip Pretreatment Systems

Dip pretreatment fully immerses parts in sequential chemical and rinse tanks, giving complete access to every surface, internal cavity and hidden geometry.

Process	**Dip tank series**
Handling	**Hoist / conveyor integration**



SURFACE WASHING

Industrial Washing Systems

Industrial washing systems clean machining oil, grease, swarf and scale off parts before coating.

Type	**Tunnel type, multi-stage spray washing**
Bath temperature	**40 – 60 °C**



GROUNDING CONTINUITY

Hanger Cleaning System

The Hanger Cleaning System removes the layers of cured paint that build up on hangers.

Task	**Removing cured paint from hangers**
Benefit	**Target grounding resistance < 1 MΩ**



COMPLETE SURFACE COATING

Wet Paint Dip Line

The Wet Paint Dip Line immerses the part in paint so that every surface.

Process	**Dip – drip-off – drying**
Drying	**60 – 120 °C**
Handling	**Overhead conveyor integration**



PAINT ROOM, BOOTH & CURING OVEN

Wet Paint Systems

Positive pressure paint rooms, dry-filter booths, conveyorised line-type booths and curing ovens for large parts: repeatable wet painting in clean air and...



LABORATORY TYPE

Laboratory Booths

Laboratory Booths offer a compact booth solution for R&D, recipe development and sample coating — designed for running color trials and coating samples with...

Use	**Samples, R&D and small batches**
Filtration	**Cartridge filter**
Layout	**Compact, optional casters**



FILM THICKNESS CONTROL

Measurement & Test Devices

Portable measurement kits to verify film thickness and coating quality right at the line.

Range	**0 – 2,000 µm**
Accuracy	**± (1–3% + 1 µm)**

SELECTION TIP

Which pretreatment for which part?

Cavities and hidden geometry
Dip pretreatment: full immersion reaches every surface.

Oil, grease, chips, scale
Industrial washing: cleaning before coating.

Hanger-related defects
Hanger cleaning: preserves grounding continuity.

Large parts that do not fit an oven
Wet paint systems and the wet paint dip line.

TURNKEY SOLUTIONS

From a single unit to a complete line.

We design, manufacture, install and commission the line as a single system, including process simulation, layout, FAT, training and service. Three families of turnkey lines, matched to your coating need:

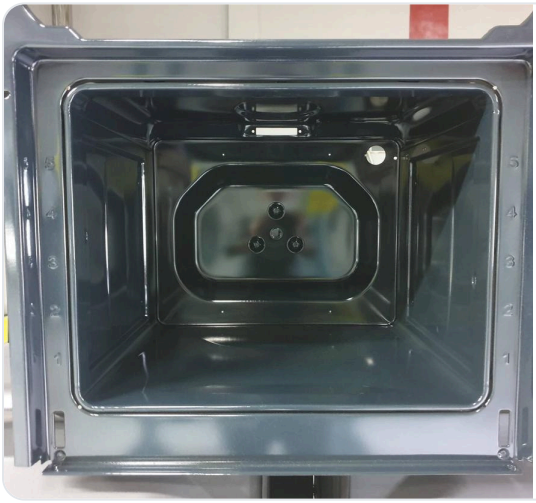


TURNKEY

Turnkey Powder Coating Lines

We engineer, manufacture and commission pretreatment, the powder coating booth, electrostatic application, powder recovery, the curing oven and automation as a single powder coating plant.

Pretreatment › Drying › Booth & recovery › Application & powder management › Automation › Curing oven



TURNKEY

Turnkey Powder Enameling Lines

Vitreous and porcelain enamel — a glass finish fused to steel and cast iron at high temperature. A core STRONG3000 engineering specialty, distinct from powder coating.

Washing › Pre-enamel drying › Powder enamel booth › OWL & automatic guns › Ultrasonic recovery › Enamel firing furnace

HOME APPLIANCES · WATER HEATERS · COOKWARE · STOVES & FLUES



TURNKEY

Turnkey Wet Enameling Lines

Inner and outer surface enamel for everything from valves, pipes and fittings to cast iron hob grates, pots and pans: a glass layer fused to the metal at about 830 °C that resists water, soil, salt, chemicals and heat.

Pretreatment › Dry-filter wet enamel booth › Dipping / spraying › Drying › Firing furnace

PIPES & VALVES · CAST GRATES · POTS & PANS

INDUSTRIES

Engineering around your product.



Home Appliances

Typical parts: Oven Cavity · Cooktop Grates & Pan Supports · Refrigerator Exterior Panels

POWDER ENAMEL · WET ENAMEL · POWDER COATING



Cookware

Typical parts: Steel Pot & Pan Bodies · Cast Iron Casseroles / Pots · Cast Iron Grill Pans / Griddles

POWDER ENAMEL · WET ENAMEL



Water Heaters

Typical parts: Inner Tank · Flange & Heating Element Port · Coil / Heat Exchanger

POWDER ENAMEL · WET ENAMEL · POWDER COATING



Stoves & Flue Pipes

Typical parts: Stove Combustion Chamber / Inner Firebox · Flue / Stove Pipes · Cast Iron Stove Bodies & Door Panels

POWDER ENAMEL · WET ENAMEL · POWDER COATING



Automotive & Wheels

Typical parts: Alloy Wheels · Chassis & Underbody Brackets · Suspension Springs

POWDER COATING · POWDER ENAMEL



Aluminum

Typical parts: Architectural Aluminum Profiles · Window & Door System Profiles · Facade Cassette Panels

POWDER COATING · WET PAINT



Electrical Enclosures

Typical parts: Enclosure Bodies · Outdoor Cabinets · Conductive Busbars

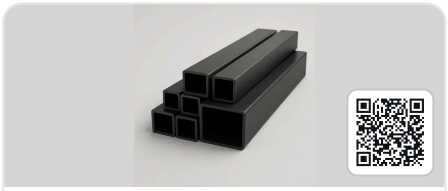
POWDER COATING



Metal Industry

Typical parts: Steel Cabinet, Locker & File Cabinet Bodies · Industrial Shelving & Storage Uprights/Beams · Wire Panels & Welded Wire Fencing/Mesh

POWDER COATING



Pipes & Profiles

Typical parts: Round Steel Pipes · Box Profiles · Railings & Barriers

POWDER COATING · WET PAINT



Pipes & Valves

Typical parts: Valve Bodies & Bonnets · Fittings · Underground Water Pipes

WET ENAMEL



Agriculture & Heavy Industry Equipment

Typical parts: Tractor & Construction Machinery Chassis · Body Panels · Wheels & Wheel Discs

POWDER COATING

Your industry not listed?

Tell us about your part, capacity and process, and we will design the right finishing process and line together. We can run sample applications at our R&D center.

CASE STUDIES

Real lines.
Real work.



POWDER COATING · AUTOMATIC LINE · FAST COLOUR CHANGE

Automatic Powder Coating Line with Two-Axis Reciprocators

An automatic powder coating line with an overhead conveyor. Two-axis reciprocators lined up along the booth carry the automatic guns; with a mono-cyclone PVC booth, a cyclone and a powder center, the line coat...

Equipment used: Two-Axis Reciprocator, Automatic Powder Coating Gun, PVC Powder Coating Booths, Cyclones, Powder Centers



POWDER COATING · BOX OVEN · BATCH PRODUCTION

Box-Type Powder Curing Ovens

Burner-fired box-type powder curing ovens for batch production. Parts are moved into the oven on an overhead rail system; the burner unit sits beside the oven body.

Equipment used: Box Ovens



STAINLESS BOOTH · TWO-AXIS RECIPROCATOR · OVERHEAD CONVEYOR

Coating Line with Stainless Steel Booths

A coating line with stainless steel booths for sheet-metal panels. Parts pass through the booths on an overhead conveyor; application is done by two-axis reciprocators beside the booths.

Equipment used: Two-Axis Reciprocator



POWDER COATING · RANGE HOOD · OVERHEAD CONVEYOR

Range Hood Parts Powder Coating Line

An automatic powder coating line with an overhead conveyor for range hood bodies, cylindrical parts and ribbed sheet-metal parts. Parts are coated in the booth by automatic guns; the line includes a powde...

Equipment used: Automatic Powder Coating Gun, Powder Centers



POWDER COATING · PVC BOOTH · FAST COLOUR CHANGE

Multi-Colour Powder Coating Line with PVC Booths

Perforated steel profiles, wire mesh panels and tubular frames are coated in different colours in PVC booths. The line uses automatic guns and injector-based powder feeding.

Equipment used: PVC Powder Coating Booths, Automatic Powder Coating Gun, Powder Coating Injectors

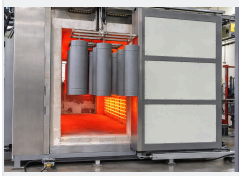


POWDER COATING · PRETREATMENT · OVERHEAD CONVEYOR

Automatic Powder Coating Line with Pretreatment

A powder coating line with pretreatment for large sheet-metal panels. Parts travel on an overhead conveyor through a spray washing tunnel, then are coated in a booth with automatic guns and in a booth with a...

Equipment used: Industrial Washing Systems, Automatic Powder Coating Gun



ENAMEL · FIRING FURNACE · BATCH PRODUCTION

Batch Enamel Firing Furnace

A batch enamel firing furnace for cylindrical parts. Parts are moved in on hangers; the refractory-insulated chamber closes with a sliding door.

Equipment used: Box Ovens

MORE

Projects from the field: 40+ countries.

From powder enamel cavity plants to wet enamel pipe lines, every project is on the Case Studies page of our website.

strong3000.com

SERVICE & SUPPORT

The Engineering Difference.

We don't sell equipment and walk away; we stay with your line from design through commissioning and beyond. Warranty scope and terms are stated clearly in every quotation.



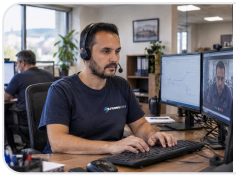
Technical Support
24/7 fault and application support.



Installation & Commissioning
Site installation, FAT and start-up.



Training
Operator and maintenance training.



Remote Support
Online diagnostics and remote PLC access.



Spare Parts
Original parts and fast supply.



Service & Maintenance
Periodic maintenance and performance checks.

How your project runs

1. **Needs analysis & quotation**
   An engineering proposal from part, capacity and process data.
2. **Simulation & samples**
   Process simulation before production; samples at the R&D center.
3. **Layout & engineering**
   Line layout; booth, oven and conveyor design.
4. **Manufacturing & FAT**
   Manufacturing at our plant and factory acceptance test.
5. **Installation & commissioning**
   Site installation and start-up.
6. **Training**
   Operator and maintenance training.
7. **Service & spare parts**
   24/7 support, maintenance, original parts.



See it on site: showroom and live demo.

You can see our equipment running in our showroom and on our production line. Book a visit and we will go through a live demo, sample application and line planning together.

This approach not only guarantees the right result; it also lets us continuously improve our technology, application methods and equipment. Our R&D Center is a living development lab that moves STRONG3000 a step forward every day.

LIVE SUPPORT 24/7
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info@strong3000.com

DEALER SALES GUIDE

Ask the right questions, propose the right line.

Information to collect for a quotation

01 Product to be coated
Part type, material (steel, galvanised, aluminium, cast), thickness.

02 Max. part dimensions
Width × length × height and weight; how it is hung.

03 Coating process
Powder coating, powder enamel, wet enamel or wet paint.

04 Required capacity
Parts per hour, line speed, number of shifts.

05 Colours and colour changes
How many colours, how many changes a day?

06 Existing line and space
Existing equipment, floor space, energy (gas / electric).

07 Quality target
Film thickness, appearance, standards, tests.

08 Project timeline
Target commissioning date and budget range.

Recommended solution by need

NEED	RECOMMENDED STRONG3000 EQUIPMENT
Low-medium volume, frequent colour changes	Manual booth + Elite / Elite Plus or Smart AI (multicolor) + manual gun + box oven
Series production, automatic line	Automatic guns + single / two-axis reciprocator + PVC or steel monocyclone booth + conveyor oven and pretreatment
Fast colour change on an automatic line	PVC monocyclone booth + powder center + TP-2 transfer pump
Cavities, deep and complex parts	OWL + Smart AI; robot integration for very complex geometry
Powder enamel (appliances, cookware, water heaters)	Powder enamel booth + powder enamel gun and injectors + ultrasonic recovery + enamel firing furnace
Large, heavy parts that do not fit an oven	Wet paint systems: positive pressure room, dry-filter booth, curing oven
Pipes, valves, cast grates	Turnkey wet enamel line

Key sales messages

Smart AI
The world's first powder coating unit with integrated AI: it suggests the setting for the part and verifies it with Set/Actual.

OWL
The head turns 75° in every direction; 25% field-proven powder saving; world patented; CE · ATEX.

One roof
Mechanical, electrical, automation and software in-house: one partner, total responsibility.

Proven experience
25+ years of engineering, installation and service in 40+ countries.

Trial first at R&D
Sample and process trials at the R&D center before installation.

24/7 support
Live support by phone, remote connection and WhatsApp; original spare parts.

Datasheets, catalogue and certificates
Every document you will send to a customer, on one page. For project details: info@strong3000.com

STRONG3000

Let's talk about your project.

For a quick response, use the Request a Quote button at the top right or send us an email directly. Tell us about your part, capacity and process; one of our engineers will get back to you with a tailored proposal.

MANUFACTURING CENTER

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Products, datasheets, videos and the quotation form
strong3000.com

The information in this brochure summarises our product pages; values are typical and final values are confirmed per project by STRONG3000 engineering. Images are representative. © 2026 STRONG3000.