

# Bond | Protect | Beautify

With our manual guns, automatic and robotic applicators, supplied by our wide range of pumps & machines for fluid handling, dosing, mixing & dispensing.

**SAMES KREMLIN** provides industrial solutions for production increase, quality improvement, material & cost savings.

We are designers and manufacturers of process equipment divided in 6 ranges:

**Airspray:** manufacturer since 1925, bringing you the very best of the Finishing.

**Airmix®:** creator since 1975, bringing the perfect mix between quality and productivity.

**Airless:** premium for Finishers in heavy applications

**Rexson High Viscosity:** pumping beyond possible, dispensing precisely.

**Electrostatic:** expertise for high finishing quality since 1954.

**Powder:** coating solutions for highest Productivity since 1960

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## INOELL POWDER BELL SPRAYER



- High transfer rate
- Easy maintenance and integration
- Excellent finishing quality

### Related Technologies



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# INOPELL POWDER BELL SPRAYER



To meet the requirements of companies looking to improve paint savings, SAMES KREMLIN has designed Inobell, the brand new electrostatic powder bell, with high performance, excellent finishing quality and easy integration.

It allows the application of powder paint on all types of surfaces with a particular effectiveness on flat surfaces.

## TECHNICAL DATA

### INOPELL sprayer

Spray gun weight (without hose) (kg)	3.6
Max. powder flow rate (hose ø12) (kg/h)	up to 30
Low voltage cable (m)	15 or 30
Maximum output voltage (kV)	75
Maximum output current (µA)	100
Pre-set rotation speed (rpm)	7500 (Vmin = 6500 and Vmax = 8500)
Shaping air flow (NI/min)	0 à 80 (proportional from 0 to 100%)
Bearing protective air flow (NI/min)	60
<b>Air supply turbine rotation (NI/min)</b>	
(at stabilised operating speed)	40
(at transitory operating speed)	100

### Control module TCR

#### Dimensions

On rack	19" / 2U
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#### Pneumatic

Air supply pressure (bar)	6 mini / 8 maxi
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#### Max. air consumption

As standard (NI/min)	350
With high flow rate kit (optional) (NI/min)	380

#### Electric

Supply (V AC)	90 to 270
Frequency (Hz)	50/60
Maximum power rating (V.A)	90

### ATEX Marking :

#### INOPELL

CE 0080 II 2 D

EEx <350 mJ  
ISseP09ATEX027X

#### CS130 :

CE II 3 D c T 85°C

#### CRN458<sup>(1)</sup>:

CE 0080 II (2) D

[EEx <350 mJ]  
ISseP09ATEX027X

#### Powder Turbine Supply :

CE 0080 II (2) D

ISseP09ATEX027X

(1) : This control module allows piloting the UHT. It is a combined material that is part of the configuration of the certified equipment and that contributes to its good working. It has to be installed into a non explosive area.

## APPLICATION SCOPE

The technology used with Inobell: A rotating electrode associated with a counter electrode allows maximum powder charge. Performance is naturally higher on large flat surfaces. It could be mounted on a flat conveyor.

## RECOMMENDED MARKETS

### PROFILES

### METALLIC FURNITURE

### METALLIC PANELS FOR SUSPENDED CEILINGS

### RADIATORS

### WHITE GOODS

### FENCES, GATES

### AUTOMOTIVE: WHEELS...

### AND MORE GENERALLY ON ALL TYPES OF FLAT SURFACES

## CUSTOMER BENEFITS

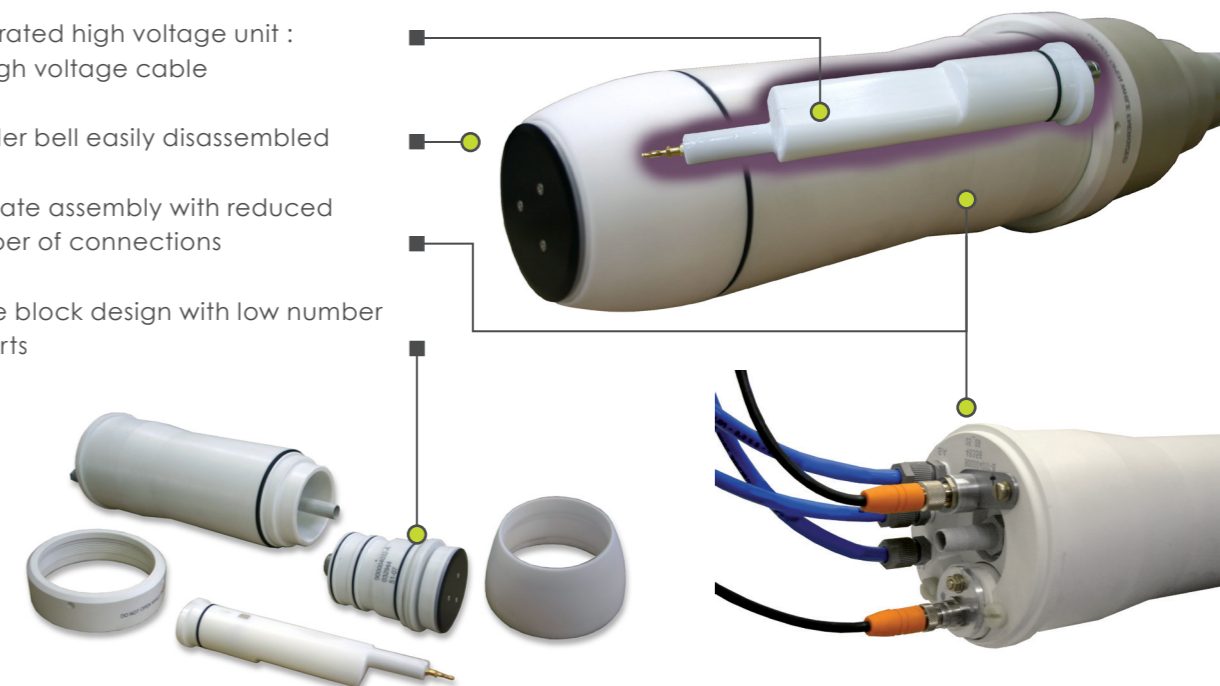
### EASY MAINTENANCE & INTEGRATION

Integrated high voltage unit : no high voltage cable

Powder bell easily disassembled

No plate assembly with reduced number of connections

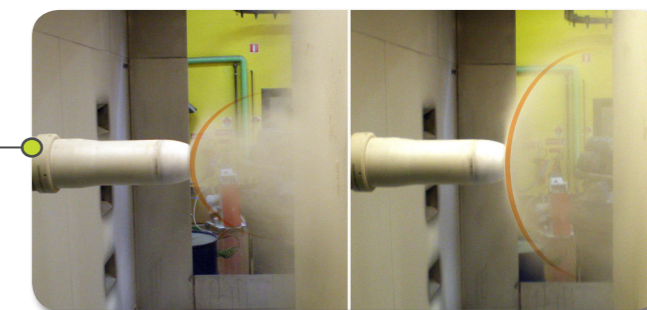
Single block design with low number of parts



### EXCELLENT FINISHING QUALITY

#### ADJUSTABLE AIR SHROUD

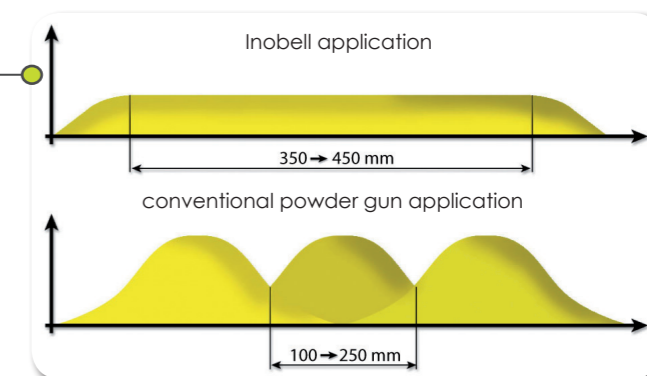
Allows a rapid and marked variation in cloud size. Control of the jet can adjust the width of the cloud being implemented, proportionally



#### EXCELLENT REGULARITY OF FILM BUILD-UP

The quality of finish meets the most stringent and tight D.O.I. (Distinctiveness of image).

#### SPEED DETECTION FOR INCREASED APPLICATION CONTROL



### HIGH TRANSFER EFFICIENCY

Strong electrostatic charging, up to 20% more transfer efficiency compared to conventional gun

Flowrate of 1 INOBELL equivalent to 2 guns

