



## Inogun A and A FCC

Automatic powder gun

### Modular design for flexible integration and process evolution

#### Product highlights

- Lifetime finish quality: Long life cascade durability and HV performance
- Efficient powder transfer: TEC5 technology
- Reduced downtime: Quick gun change in less than 1 minute



**BOND • PROTECT • BEAUTIFY**

## Inogun A and A FCC

### Automatic powder gun

The Inogun A or Inogun A FCC sprayer gather all our knowledge and expertise to provide the best electrostatic technology for the application of powder in automatic booths.



### Adapted industrial markets



Industrial



ACE\*



Transportation



### Technical data table

| Designation                       | Value                  | Unit              |
|-----------------------------------|------------------------|-------------------|
| Maximum Air Pressure              | 7 (101.50)             | bar (psi)         |
| Air Supply Pressure               | 7 (101.50)             | bar (psi)         |
| Optimal Transfer Efficiency       | 82                     | %                 |
| Height                            | 69 (2.70)              | mm (in)           |
| Width/depth                       | 49 (1.90)              | mm (in)           |
| Length (gun only)                 | 460 (18.10)            | mm (in)           |
| Length INOGUN - bar diameter      | 1046 - 30 (41.2 - 1.2) | mm + mm (in + in) |
| Length INOGUN FCC - tube diameter | 1423 - 40 (56 - 1.6)   | mm + mm (in + in) |
| Air Consumption                   | 2 - 10 (1.2 - 5.9)     | m3/h (cfm)        |
| Weight                            | 650 (23)               | g (oz)            |
| Current Max                       | 110                    | µA                |
| Powder Output Max                 | 450(63.70)             | g/mn (oz/mn)      |
| Relative Humidity Max             | 80                     | %                 |

### Marking

| Product            | Type    |
|--------------------|---------|
| Inogun A and A FCC | CE 0080 |

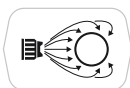
\*: "AgricultureConstruction and Earthmoving"



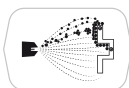
## Technologies



TEC5



Electrostatic



CORONA Charge



Spraying



## Description

The Inogun range is built upon a common base, thoroughly tested, and available with different fixing gear according to needs in the powder booth: the Inogun A rear fitted flange to be tilted towards the parts and the Inogun A FCC (Fast Color Change) with its smooth droplet shape for easy color changes.

Powder and energy savings have been placed at the heart of the gun for reducing waste, enhancing productivity, and finishing quality of the coating. The powerful High Voltage unit paired with the high voltage control unit produces a high wraparound effect on big parts (D. 500mm / 20 in), as well as a deep penetration in recessed areas. It greatly helps to reduce the running cost of the equipment with a better powder use rate and significantly reduces the pre-touch or touch-up actions. The smoothly-shaped parts, inside and outside the gun, make color change faster.

Should it be used in an advanced powder process or in a very simple, performing powder booth, it may be controlled either by the connected built-in Inocontroller or the Inobox equipped with a user-friendly and clear interface. Both are the brain of the Inogun and feature High Voltage and all air controls: high voltage, current, electrode cleaning air, injection, and dilution.

## Performances

- 1 Easy and accurate settings for voltage and current
- 2 - Constant and stable spray for a smooth and even application
- 3 - TEC5 technology offers a high-quality finish
- Fast color change without cross-contamination

## Productivity

- 3 - High transfer efficiency to reduce additional manual work
- 4 - Wide range of adapted nozzles for optimal application
- 5 - Powerful cascade providing a strong wraparound effect
- 6 - Advanced HV control for excellent penetration in recessed areas
- 6 - Widest fieldbus communication protocols for the Inocontroller
- Modular gun design for an easy integration

## Sustainability

- 4 Highly abrasion-resistant nozzles
- 5 - Heavy-duty electrostatic cascade
- 7 - Quick disconnect in 1 minute, only 1 operator needed to change gun
- Robust design



## Equipment

| Designation                                        | Part number |
|----------------------------------------------------|-------------|
| Inogun A, cable 20 m, bar                          | 910028713   |
| Pack Inogun A FCC, Inobox, tube, NDT               | 910030062   |
| Pack Inogun A, Inobox, bar, NDT                    | 910030061   |
| Pack Inogun A, Inobox NF, pump, bar, 20 m          | 910030626   |
| Pack Inogun A, Inocontroller, pump, bar, 20 m      | 910030624   |
| Pack Inogun A, Inocontroller, pump, bar, 20 m      | 910028695   |
| Pack Inogun A FCC, Inocontroller, pump, tube, 30 m | 910028696   |
| Pack Inogun A FCC, Inocontroller, tube, 30 m       | 910030625   |
| Pack Inogun A FCC, Inobox NF, pump, tube, 30 m     | 910030577   |
| Inogun A FCC, cable 30 m, tube                     | 910028715   |
| Pack Inogun A, Inobox NF, pump, bar, 20 m          | 910034616   |
| Pack Inogun A, Inobox NF, pump, bar, 20 m          | 910034001   |
| Pack Inogun A FCC, Inobox, tube, NDT               | 910034002   |
| inobox, HF                                         | 910030576   |



### Additional information

• User manual

• Spare parts

• Accessories

• Documents

• Videos

