



Inogun M

Manual powder gun

User-friendly and ergonomic manual powder gun

Product highlights

- Lifetime finish quality: Long life cascade durability and HV performance
- Efficient powder transfer: TEC5 technology
- Balanced and ergonomic design: No repetitive strain damage, less fatigue



BOND • PROTECT • BEAUTIFY

Inogun M

Manual powder gun

The Inogun M sprayer gathers all our knowledge and expertise to provide the best of electrostatic technology for the manual application of powder.



Adapted industrial markets



Industrial



ACE*



Transportation



Technical data table

Designation	Value	Unit
Maximum Air Pressure	7 (101.50)	bar (psi)
Optimal Transfer Efficiency	82	%
Height	265 (10.40)	mm (in)
Width/depth	52 (2)	mm (in)
Length (gun only)	340 (13.40)	mm (in)
Air Consumption	2 - 10 (1.2 - 5.9)	m3/h (cfm)
Weight	549 (19.4)	g (oz)
High Voltage (maximum)	100	kV
Current Max	110	µA
Powder Output Max	450	g/mn (oz/mn)
Relative Humidity Max	80	%
Certification	UKCA, CE, ATEX II 2D, CSA, FM	

Marking

Product	Type
Inogun M	CE 0080 UKCA, CE, ATEX II 2D, CSA, FM

*: "AgricultureConstruction and Earthmoving"



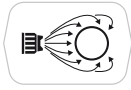
Technologies



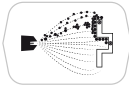
TEC5



Spraying



Electrostatic



CORONA Charge



Description

The Inogun M is designed to provide the best quality powder application because it is well-balanced, supplied with low voltage cable, powder tube and reactive trigger that requires a gentle touch. The powerful high voltage unit coupled with the high voltage control unit provides a high wraparound effect on large parts (D. 500mm / 20 in) and excellent penetration of complex-shaped parts. This reduces the cost of the equipment with a better powder usage rate and reduces the time to spray the powder.

The Inogun M is controlled by the Inobox which has a clear and easy to use interface. The connected integrated Inocontroller can also be used when it is necessary to integrate an automatic booth. The Inobox and the Inocontroller are the main control centers for manual and automatic applications as it performs high voltage and all air controls: current, electrode cleaning air, injection, and dilution. Dust and energy savings have been implemented at the heart of the gun to reduce waste and increase productivity and the quality of finishing powder. TEC5 (Transfer Electronic Control) technology provides an electrostatic charge self-adjustment, taking into account powder flow and part distance, to optimize powder transfer efficiency and finish quality.

The Inogun M is available in different kits according to the needs of your powder coating process. The Inogun M can be used as a main applicator to perform powder coating and can be mounted on a tank or an independent powder supply box on a vibrating table. The Inogun M can be used as a pre-touch or touch-up solution in an automatic booth to obtain the desired coating on the workpiece. The Inogun M is also used for non-destructive testing applications.

Performances

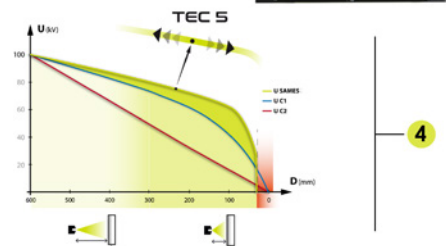
- 1 - Outstanding comfort of use: Well-balanced and ergonomic handle grip
- 2 - Quick hose powder disconnection: Quick color changes and rotation for flexibility
- 3 - Constant and stable spray for a smooth and even application
- 4 - TEC5 technology delivers high finish quality
- 5 - Three factory presets for quick start. 99 custom presets available to meet the most production requirements

Productivity

- 4 Advanced HV control for an excellent penetration of complex-shaped parts
- 6 - Wide range of adapted nozzles for optimal application
- 7 - Powerful cascade providing a strong wraparound effect
- Easy application of metallic powder
- Fast color change and cleaning
- High transfer efficiency to reduce working time

Sustainability

- 1 - Robust and sturdy design
- 5 - Wear part status monitoring imbedded in the Inobox controller
- 6 - Very good abrasion resistance for nozzles



Equipment

Designation	Part number
Pack Inogun M, Inocontroller, 18 m	910030628
Pack Inogun M, Inocontroller, pump, 20 m	910030627
Pack Inogun M NDT, Inobox, 12 m, wall bracket	910030370-12
Pack Inogun M NDT, Inobox, 6 m, wall bracket	910030370
Pack Inogun M, Inobox, pump, 12 m, wall bracket	910030368-12
Pack Inogun M, Inobox, pump, 6 m, wall bracket	910030368
Gun, Inogun M, 12 m cable	910030034-12
Gun, Inogun M, 12 m cable, Inobox	910031161-12
Gun, Inogun M NDT, 12 m cable, Inobox	910030909-12
Gun, Inogun M, 6 m cable	910030034
Gun, Inogun M NDT, 6 m cable, Inobox	910030909
Gun, Inogun M, 6 m cable, Inobox	910031161
inobox, HF	910030576
Inobox, H	910029884
Inobox, VT	910029883

Kits

Designation	Part number
Pack Inocart NDT, 6 m	910030369
Pack Inocart NDT, 12 m	910030369-12
Pack Inocart VT, 12 m	910029950-12
Pack Inocart VT, 6 m	910029950
Pack Inocart H, 12 m	910030365-12
Pack Inocart H, 6 m	910030365
Pack Inocart H, 6 m	910030366
Pack Inocart H, 6 m	910030366
Pack Inocart H, 6 m	910033423
Pack Inocart H, 6 m	910033423-12
Pack Inocart VT, 6 m	910030364
Pack Inocart VT, 6 m	910033422
Pack Inocart VT, 6 m	910033422-12



Additional information

• User manual

• Spare parts

• Accessories

• Documents

• Videos

