sames inocoat

Inocart VT – Inocart H

Cart for powder gun

Instruction manual

DRT7159

C - 2024/06

Services

Certification and referencing

Sames is certified as a training center by the DIRRECTE of the Auvergne Rhône Alpes region under the number 84 38 06768 38.
Our company provides, throughout the year, training courses allowing you to acquire the essential know-how for the implementation and maintenance of your equipment in order to guarantee its performance in the long term.
A catalog is available on request.

www.sames.com/france/fr/services-training.html

Line audits

As part of a technical assistance program for our customers using **Sames** equipment, the line audits are intended to help you optimize and control your production tool.
Our network of experts is continuously trained and qualified to provide our customers with technical expertise on the liquid or powder installations in which our equipment is integrated. The global environment of the production lines is taken into account during this technical audit.
A brochure is available for download:

www.sames.com/france/fr/services-service-contract.html

Maintenance program

An annual maintenance program (including or not the consumables to be replaced during each intervention) can be considered with the partnership of **Sames**. It is associated with a preventive maintenance plan established during a first audit visit which details the control points necessary to guarantee the performance of the installed equipment.

www.sames.com/france/fr/services-service-contract.html

Hotline

www.sames.com/france/fr/services-service-contract.html

Inocart VT – Inocart H

Cart for powder gun

1. Health and safety instructions

This manual contains links to the following operating instructions:

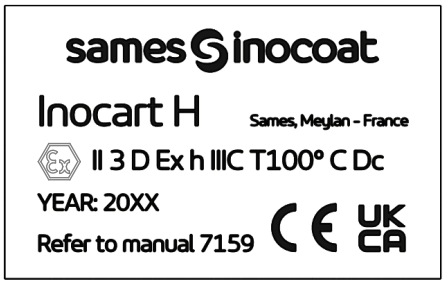
- see DRT6426 for the **CS 130** powder pump.
- see DRT7132 for the **Inogun M/M +** spray gun.
- see DRT7145 for the **Inobox** control module.

1.1. Configuration of the certified equipment

All of these operating manuals define the configuration of the certified equipment.

1.2. Marking

The **Inocart** is classified as category 3 according to the ATEX 2014/34/EU and SI 2016 No. 1107 directives and is designed for use in zone 22.
The mode of protection applied is "safety by design".



ATEX / UKCA **Inocart VT** configurations

Inocart VT 6m Europe version - P/N 910029950 Inogun M 6m - P/N 910030034 CS 130 powder pump - P/N 910013775 Vibrator - P/N 910030011	**Inocart VT 12m Europe version- P/N 910029950-12** Inogun M 12m - P/N 910030034-12 CS 130 powder pump - P/N 910013775 Vibrator - P/N 910030011	**Inocart VT 6m US version - P/N 910030904** Inogun M 6m - P/N 910030034 CS 130 powder pump - P/N 910013775 Vibrator - P/N 910030896	**Inocart VT 12m US version - P/N 910030904-12** Inogun M 12m - P/N 910030034-12 CS 130 powder pump - P/N 910013775 Vibrator - P/N 910030896	**Inocart VT P/N**	**Inobox P/N 910029983**
X				910029950	X
	X			910029950-12	X
		X		910030904	X
			X	910030904-12	X

ATEX / UKCA **Inocart H** configurations

Inocart H 6m Europe version - P/N 910030365 Inogun M 6m - P/N 910030034 Tank - P/N 910030902 Plunger tube - P/N 910030912 CS 130 powder pump - P/N 910013775	**Inocart H 12m Europe version - P/N 910030365-12** Inogun M 12m - P/N 910030034-12 Tank - P/N 910030902 Plunger tube - P/N 910030912 CS 130 powder pump - P/N 910013775	**Inocart H 6m US version - P/N 910030906** Inogun M 6m - P/N 910030034 Tank - P/N 910030902 Plunger tube - P/N 910030912 CS 130 powder pump - P/N 910013775	**Inocart H 12m US version - P/N 910030906-12** Inogun M 12m - P/N 910030034-12 Tank - P/N 910030902 Plunger tube - P/N 910030912 CS 130 powder pump - P/N 910013775	**Inocart H P/N**	**Inobox P/N 910029984**
X				910030365	X
	X			910030365-12	X
		X		910030906	X
			X	910030906-12	X

1.3. Meaning of pictograms

 Warning electricity	 Warning Automatic start-up	 Warning Hot surface	 Warning Explosive material	 General warning sign
 Warning High pressure	 Warning Crushing of hands	 Warning for explosive atmospheres	 Warning Flammable material	 Warning Corrosive subtance
 Warning Toxic material	 Warning Harmful products	 No access for people with active implanted cardiac devices	 Wear ear protection	 Wear a face shield
 Wear respiratory protection	 Wear safety footwear	 Wear protective clothing	 Wear protective gloves	 Wear head protection
 Opaque eye protection must be worn	 General mandatory action sign	 Connect an earth terminal to the ground	 Refer to Instruction manual	

1.4. Simplified analysis of potential ignition sources according to EN 80079-36

Risk of ignition		Measures applied to prevent the source of ignition from becoming effective
Potential source of ignition	Description / Main cause (What are the conditions causing the risk of ignition)	Description of the measure applied
Hot surface	Vibrator heating in vibrating table version	Maximum vibrator surface temperature of 100°C
Static electricity	Internal electrostatic discharge in powder hose	Antistatic hose
	Electrostatic discharge on the cart	Equipotentiality of the metal parts + earthing
	Electrostatic discharge on the tank for the tank version	Equipotentiality of the metal parts + earthing

1.5. Precautions for Use

This document contains information that all operators should be aware of and understand before using the carts **Inocart**. This information highlights situations that could result in serious damage and indicates the precautions that should be taken to avoid them.

Before any use of the Inobox control module, check that all operators:

• have previously be trained by the company **Sames**, or by their distributors registered by them for this purpose.
• have read and understood the user manual and all rules for installation and operation, as laid out below.

It is the responsibility of the operators' workshop manager to ensure these two points and it is also his responsibility to make sure that all operators have read and understood the user manuals for any peripheral electrical equipment present in the powdering area.

1.6. Warnings

It is imperative that anyone wearing a pacemaker does not use the equipment and does not enter the projection area.
High voltage can cause the pacemaker to malfunction.

This equipment may be hazardous if it is not used, disassembled and reassembled in accordance with the rules indicated in this manual and in any applicable European Standard or national safety regulations.

This equipment is intended for spraying powder paint only.

Equipment performance is only guaranteed if original spare parts distributed by Sames are used.

To guarantee an optimal assembly, spare parts must be stored in a temperature close to their temperature of use. Should the opposite occur, a sufficient waiting time must be observed before the installation, so that all the elements are assembled in the same temperature.

This equipment may only be used in projection areas in accordance with EN 50050-2 and EN 16985.
Equipment should only be used in well-ventilated areas to reduce health, fire and explosion hazards. The effectiveness of the exhaust ventilation system should be checked daily.
Within explosive atmospheres produced by the spraying process, only appropriate explosion-proof electrical equipment has to be used.

1 The operator must wear shoes according to standard EN ISO 20344 and the insulation resistance measured must not exceed 100 MΩ.

2 The protective clothes, including gloves, must conform to standard EN 1149-5 and the insulation resistance measured must not exceed 100 MΩ.

3 Using individual protection equipment will limit the risks of contact and/or inhalation of toxic product, gas, vapours, fog or dusts that can be produced while using the equipment. The user has to follow the coating product manufacturer's recommendations.

4 Contact or inhalation of the products used with this equipment may be dangerous for personnel (see: safety data sheets for the products used). The pressure coating material or compressed air must not be directed at people or animals.

5 All conductive structures such as floors, powder spray station walls, ceilings, barriers, barriers, parts to be painted, powder dispensing tank placed in or near the work area and the ground terminal of the electro-pneumatic control module must be electrically connected to the grounding system for protecting the power supply.

6 The floor on which the operator works must be dissipative (bare concrete floor or metal grating). Never cover the floor with an insulating covering. In potentially explosive locations, floor assemblies must be dissipative in accordance with EN 61340-4-1.

7 Switch off the power supply to the **Inobox** before connecting the **Inogun M** gun.Before disconnecting the gun, cut off the power supply to the **Inobox** (otherwise a malfunction may occur).

8 Never point the gun at a person or animal.

9 Powder spraying must be carried out in front of a ventilated station provided for this purpose. The activation of the **Inobox** must be controlled by the operation of the ventilation system.
The correct operation of the drive must be checked once a week.

10 The ambient operating temperature must be between 0 and 40°C.

11 The electrostatic powder spraying equipment must be maintained regularly in accordance with the indications and instructions given by **Sames**. Repairs must be carried out in strict accordance with these instructions.

12 The electrostatic powder spraying equipment should only be operated if it is in perfect condition. Damaged equipment must be removed from service immediately and repaired.

13 Before cleaning the projectors or doing any other work in the spray area, the power supply to the high-voltage generator must be disconnected, protected against restarting and the HV circuit protected. (spray gun) discharged to ground.
Cleaning must be carried out in mechanically ventilated areas.

14 **In the explosive zone**, it is forbidden to use non-certified electrical or non-electrical equipment such as electrical extension cords, multi-sockets, switches, etc.

15 The cart as well as the tanks must obligatorily be placed and used outside the explosive zone.

16 It is imperative to connect the earth terminal of the cart to the earth terminal of the powder coating installation (or of the powder coating booth) in order to ensure the safety of the operators and the correct operation of the powder coating equipment.

17 If a fluidized tank is used, it is imperative to evacuate the fumes into an area where the powder-laden air is filtered (usually the powder booth).

18 If the vibrating table is used, the plastic bag containing the powder must be folded down around the plunger tube so that no powder can escape.

19 Any filling of the tank with powder must be done in a ventilated area provided for this purpose and under no circumstances in the vicinity of the cart.

20 The tank is normally used placed on the lower part of the cart. It must be earthed at the terminal provided for this purpose.

21 If the tank is used outside the cart, it is imperative that it is electrically connected to earth via its body.

22 The cart must under no circumstances be used to carry or transport loads other than the powder container or a powder box with a maximum mass of 20 kg on the vibrating table.

A warning sign in a language understood by the operator, summarising the safety rules described above, must be prominently displayed in the vicinity of the powder spray station.

1.7. Important recommendations

1.7.1. Ventilation

Do not start the powder application with the **Inogun M** spray gun until the spray booth ventilation system is switched on. If the ventilation is switched off, toxic substances or dust may remain in the spray booth and cause a risk of fire, poisoning or irritation.

1.7.2. Valve protection for Inobox or Inocontroller control modules

- **When using the Fast Clean on the Inocart cart, the control module must be set to cleaning mode to prevent powder from rising in the control module valves.**
- **When cleaning the CS 130 powder pump with compressed air, both the injection and dilution quick connectors must be disconnected to avoid powder backflow.**
- **With the Inocenter, the injection and dilution controls are activated during the cleaning process.**
- **When using venturi pumps without a check valve, it is important to ensure that both airs are activated simultaneously to avoid powder backflow into the valves of the control module.**

1.7.3. O-ring seals

Use the seals recommended in this manual.

1.7.4. Ambient temperature

The equipment is designed to normally operate at an ambient temperature comprised between 0°C and + 40°C (32 °F to 104 °F)
The storage temperature must never exceed +60°C.

1.7.5. Sound level

The sound pressure level generated by **Inocart VT** is equal to 80.2 dBA and 78.1 dBA for the **Inocart H** under the specified operating conditions.

Conditions of measurement:
The equipment was put into operation at maximum characteristics, the measurements were carried out at different positions at 1 m from the cart without powder in the Powder laboratory at the **Sames** site in Meylan, France.

Method of measurement:
The acoustic pressure level, continuous, equivalent, weighted (80.2 dBA or 78.1 according to the version of the cart) is given in LEQ value, measured for observation periods of at least 30 seconds.

1.8. Guarantee

Under the guarantee, which applies only to the buyer, **Sames** agrees to repair operating faults resulting from a design fault, materials or manufacture, under the conditions set out below.

The guarantee claim must define the exact nature of the fault concerned, in writing.
The **Sames** guarantee only covers equipment that has been serviced and cleaned according to standard procedures and our own instructions, that has been fitted with parts approved by **Sames** or that has not been modified by the customer.

More precisely, the guarantee does not cover damage resulting from:

- the customer's negligence or inattention,
- incorrect use,
- failure to follow procedures,
- use of a control system not designed by **Sames** or a **Sames** control system modified by a third party without written permission from an authorized **Sames** technical agent,
- accidents such as: collision with external objects, or similar events,
- flooding, earthquake, fire or similar events,
- use of seals not complying with **Sames** recommendations,
- pollution of air circuits by fluids or substances other than air.

The **Sames** carts type **Inocart VT** and **Inocart H** are covered by a warranty (refer to the general sales conditions for its application).

The guarantee does not apply to wearing parts such as electrode supports, deflectors, powder tube, seals, etc...

The guarantee will take effect from the date of the first start-up or of the provisional acceptance report.

Under no circumstances, either in the context of this guarantee or in other contexts, will **Sames** be held responsible for physical injury or intangible damage, damage to brand image and loss of production resulting directly from its products.

2. Introduction

2.1. General overview

The **Inocart** is a space-saving and easy-to-handle cart designed for manual powder application.
The **Inocart** cart is equipped with the **Inobox** control module at the ideal height and with a inclination that can be customized by the operator for a perfect reading of the information, as well as the **Inogun M** gun that is installed at the right height on either side of the cart.
Equipped with several air quick couplers, its use and maintenance are optimized compared to previous generations.

Available in two versions:

- **Inocart VT**: Equipped with a vibrating table that can support a 20 kg powder box, it is designed for frequent and quick color changes. It is also equipped with a removable support arm and an integrated cleaning system: Fast Clean.

- **Inocart H**: Equipped with a fluidized tank with a capacity of 50l, it is designed for fewer color changes but for high production and complex powders that require complete fluidization.

	Inocart VT equipment
1	**Inobox VT** control module
2	**CS 130** powder pump
3	Arm
4	Plunger tube
5	Vibrating table
6	**Inogun M** spray gun

	Inocart H equipment
1	**Inobox H** control module
2	**CS 130** powder pump
3	Tank
4	**Inogun M** spray gun

3. Characteristics

3.1. General characteristics

The structure of the cart makes it possible to place:

- on a vibrating table, a box with a maximum mass of 20 kg of powder in an inclined way.
- a tank that can contain about 50 useful litres of fluidized powder, i.e. 20 kg.

Dimensions of the **Inocart VT** (H x W x D)	1230 x 490 x 630 mm
Dimensions of the **Inocart H** (H x W x D)	1230 x 490 x 670 mm
Approximate weight (without powder), vibrating table version	42 kg.
Approximate weight (without powder), tank version	37 kg.
Standard flow rate	50 to 450 g/min.

3.2. Air compressed quality

Characteristics of compressed air supply according to the standard NF ISO 8573-1:

Maximum dew point at 6 bar (87 psi)	Class 4 i.e + 3°C (38°F)
Maximum particle-size of solid pollutants	Class 3 i.e 5 µm
Maximum oil concentration	Class 1 i.e 0,01 mg / m_0^3 *
Maximum concentration of solid pollutants	Class 3 i.e 5mg / m_0^3 *

***: Values are given for a temperature of 20 °C (68 °F) at an atmospheric pressure of 1 013 mbar**

The filter installed on the **Inocart** is used to guarantee the correct operation of the equipment, in case of accidental non-compliance with the network compressed air filtration recommendations.

Inocart" equipment air supply pressure	7 bar +/- 1 bar (*)

(*) A pressure higher than 8 bar can cause malfunctions.

Max. air consumption of the Inobox control module	**Vibrating table version**	**Tank version**
Fluidization air flow rate plunger tube	0,1 m^3/h	
Tank fluidization air flow rate		2,1 m^3/h
Electrode blowing	0,1 m^3/h	0,1 m^3/h
Gun + powder pump + fluidization assembly		
Powder coating	6,5 m^3/h	8,5 m^3/h
In cleaning	9,5 m^3/h	9,5 m^3/h
Air consumption of Fast Clean at 7bar	7 l/s per pulse	

4. Operation

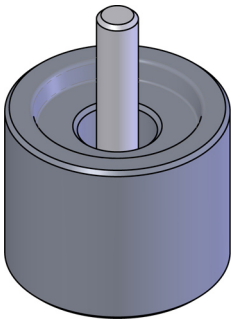
4.1. With vibrating table

The powder paint is contained in its original box of up to 20kg. It is placed on the vibrating table.
The vibration of the table is obtained thanks to the vibrator and allows the fluidizing head to penetrate the powder.
The operation of the vibrator is triggered by an action on the gun trigger.
The fluidizing rod, supplied with compressed air, "fluidizes" the powder paint.
The powder paint thus fluidized is then suctioned and then delivered by the powder pump to the powder projector, to which it is connected via a powder transport hose.

4.2. With fluidized tank

The powder contained in the tank, with a maximum capacity of 50 l of powder, is fluidized by means of an ascending air current, evenly distributed through a porous plate located at the base of the tank.
The fluidized powder paint is then extracted and discharged by the powder pump to the powder projector. The fumes are extracted by means of a 40 mm section hose which must be connected to the booth side.

5. Specific tool



Other necessary tools and accessories:
The tools listed below are recommended for product maintenance.

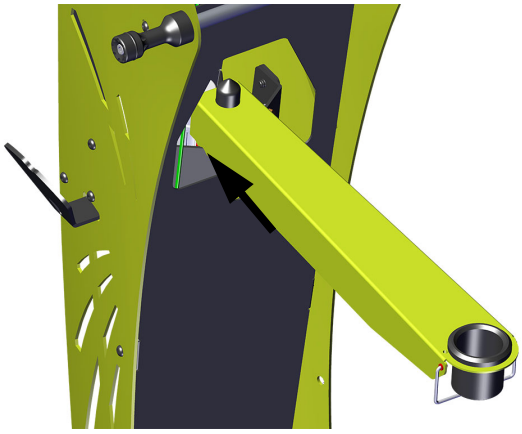
- Torx screwdriver
- Flat wrench 10 mm
- Socket wrench 10 mm
- Torque wrench
- Blue threadlocker (normal) P/N: H2CPAL046.

6. Installation

The **Inocart VT** or **H** carts are delivered assembled.

6.1. Vibrating table version

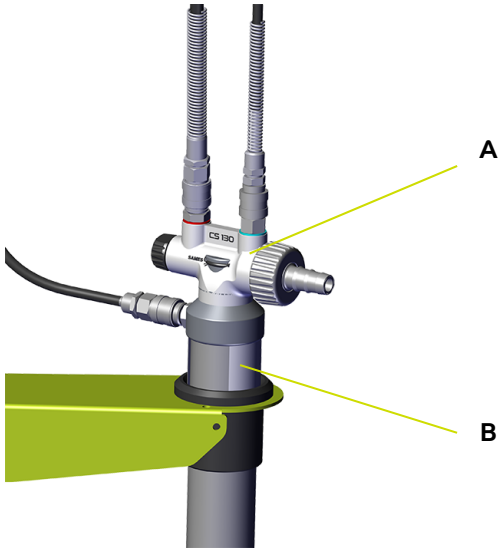
- **Step 1**: Place the support arm in its housing.



- **Step 2**: Place the plunger tube (A) equipped with the CS130 pump in the support arm.
  Install the split ring (B) to plunger tube.
  Connect the 2 hoses to the powder pump blue to blue, red to red.

  Connect the fluidizing hose to the tube.

  When the powder level in the box is low, remove the split ring (B) to lower the dip tube as far as possible into the box.

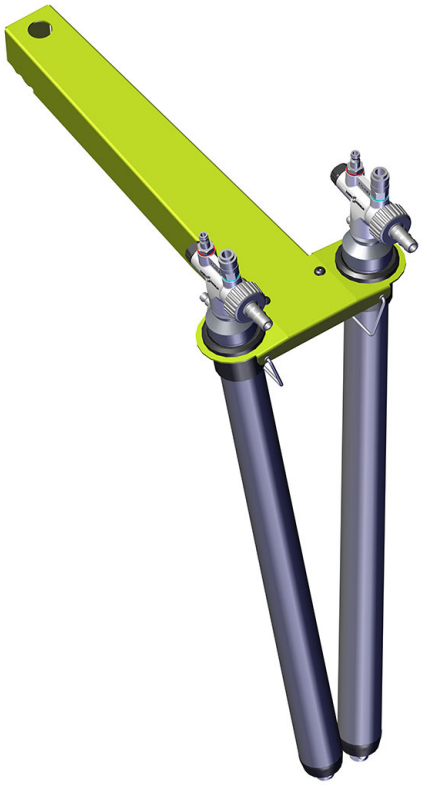


- **Step 3**: Connect the 5 m earthing cable to an electrically earthed part of the application booth.
- **Step 4**: Connect the **Inobox's** power supply plug.
- **Step 5**: Connect the powder supply hose from the gun to the CS 130 pump and connect the electrode blowing hose on the **Inobox** module side and on the gun side.

The **Inocart** cart is ready to start the powder application.

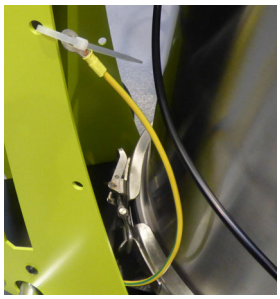
6.1.1. **Inocart VT** dual version

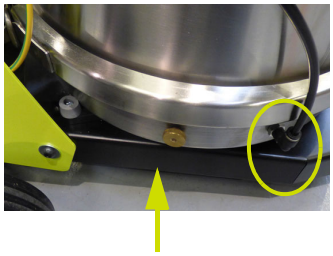
- **Step 1**: Place the wall bracket on the cabin wall.
- **Step 2**: Install the dual plunger wiring set.
- **Step 3**: Install the 2nd **Inobox** control module and connect (see DRT7145) the 2nd wiring set.
- **Step 4**: Connect the **Inogun M** 6 m to the **Inobox**.
- **Step 5**: Install the support of the 2 tubes on the support arm.
- **Step 6**: Install the 2 tubes equipped with the 2 CS130 pumps, connect the 2 tubes to the second powder pump, blue to blue, red to red.
  Connect the fluidizing hose to the tube.
- **Step 7**: Connect the powder hose of the 2nd gun to the 2nd pump CS 130 and connect the electrode blowing hose on the **Inobox** control module side and on the gun side.
- **Step 8**: Connect the power supply cable of the second **Inobox**.



6.2. Hopper version

- **Step 1**: Release the ground wire lug attached to the cart and connect it to the hopper.
  Then connect the fluidizing hose to the hopper.





- **Step 2**: Equip the plunger tube with the CS 130 pump, then place the assembly in one of the holes in the hopper. Connect the 2 hoses on the powder pump blue to blue, red to red.

- **Step 3**: Connect the 5 m ground cable to an electrically grounded part of the powdering booth.
- **Step 4**: Connect the **Inobox** power supply.
- **Step 5**: Connect the powder supply hose from the gun to the CS 130 pump and connect the electrode blowing hose on the **Inobox** control module side and on the gun side.
- **Step 6**: Connect the plastic fume exhaust hose to the tank on one side and to the booth on the other.
  Note: the connection point on the booth must always be positioned above the hopper to prevent the plastic sheath from "sinking" and to limit the clogging of the sheath.
  Regularly check the inside of the sheath to prevent clogging.

The **Inocart H** cart is ready to start the powder application.

6.2.1. **Inocart H** dual version

- **Step 1**: Place the wall bracket on the cabin wall.
- **Step 2**: Install the dual plunger wiring set.
- **Step 3**: Install the 2nd **Inobox** control module and connect (see DRT7145) the wiring set.
- **Step 4**: Connect the **Inogun M** 6 m to the **Inobox**.
- **Step 5**: Install the delivered "Y" on the fluidizing connection at the bottom of the hopper to connect the 2 fluidizing hoses. The fluidization can be controlled by one or the other **Inobox**.
- **Step 6**: Remove the cap of the hopper and insert the 2nd plunger tube equipped with its powder pump, connect the 2 hoses on the powder pump blue on blue, red on red.
- **Step 7**: Connect the powder hose of the 2nd gun to the 2nd **pump CS 130** and connect the electrode blowing hose on the stainless steel module **Inobox** side and on the gun side.
- **Step 8**: Connect the power supply of the second **Inobox** control module.

7. Use of Inocart VT or H equipment

7.1. Powder application

As the equipment has already been installed according to the safety rules (see § 1 page 6) and the instructions given (see § 6 page 18), follow the steps described below:

- **Step 1**: Connect the ground cable of the cart to a conductive and earthed part of the spray booth; the ground potential must be identical to that of the part to be powdered.
- **Step 2**: Electrically and pneumatically power the equipment.
- **Step 3**: Position the open powder box on the vibrating table or put powder in the hopper.
- **Step 4**: Switch on the **Inobox** control module (see DRT7145) (ON button on the front of the module).
- **Step 5**: (see DRT7132 or see DRT7145) to adjust the application settings for the parts to be powdered on the **Inobox** module. It is possible to adjust the powder flow rate directly on the gun.
- **Step 6**: Point the gun nozzle towards the booth and the part to be powdered and press the trigger.
- **Step 7**: For the vibrating table version, close the plastic bag containing the powder around the plunger tube (see § 1 page 6).

8. Maintenance

Note: This paragraph applies only to the maintenance of the Inocart cart.
For specific maintenance of the gun (see DRT7132) and the Inobox control module (see DRT7145).

Disconnect the power supply to the control module before connecting the gun. Before disconnecting the gun, switch off, cut off the power supply to the control module (otherwise a malfunction may occur).

8.1. Maintenance summary table

The soiling and wear of the different elements of the **Inocart** carriage caused by the passage of the powder depends on the nature of the powder and the operating conditions.

Therefore, the periodicity of maintenance indicated in the procedures below is only indicative. The user will have to create his own maintenance range as he uses the **Sames** equipment.

Procedure		Detail	Duration	Frequency
Cleaning				
A		Cleaning of the cart	2 min	8 Hours
B		Powder pump / plunger tube cleaning	2 min	8 Hours or at each color change
Replacement				
C	**C1**	Replacement of filter	30 min	-
	C2	Replacement of vibrator	1 Hour	-
	C3	Replacement of elastic pads of the vibrating table	5 min	-
	C4	Fast Clean replacement	5 min	-
	C5	Replacement of the equipped porous washer	15 min	-

8.2. Preventive maintenance plan – See PMP 7159

The objective of the proposed preventive maintenance plan is to define in an exhaustive way, the verification, replacement and cleaning actions of the installed **Sames** equipment.

In order to anticipate breakdowns and malfunctions that may be due to technical deviations of the installation, the preventive maintenance plan attached to the user manual lists the routine maintenance operations necessary for better comfort in the use of the production tool.

Depending on the skills, area of responsibility and accreditation of each person involved, the preventive maintenance plan can be divided into two distinct levels: level 1 and level 2:

- **Level 1**: first level maintenance is essentially composed of visual control and cleaning operations of some elements of the equipment. To limit this level, only the specific tools supplied with the equipment will be used. This first level of maintenance is generally taken care of by paint operators or installation managers.

- **Level 2**: second level maintenance completes the first level by more complex dismantling operations requiring electrical engineering tools.
  This second level is generally handled by the factory maintenance department.

8.3. Cleaning

8.3.1. Procedure A: Cleaning the cart

Before any intervention, refer to the health and safety instructions (see § 1.6 page 9).

Always wear safety glasses.
When handling powder, wear gloves of a suitable resistant material
Work in a well ventilated area.

All cleaning operations should only be carried out using compressed air at a maximum pressure of 2.5 bar, a cloth or possibly a brush.
Never use water or solvents to clean the equipment.

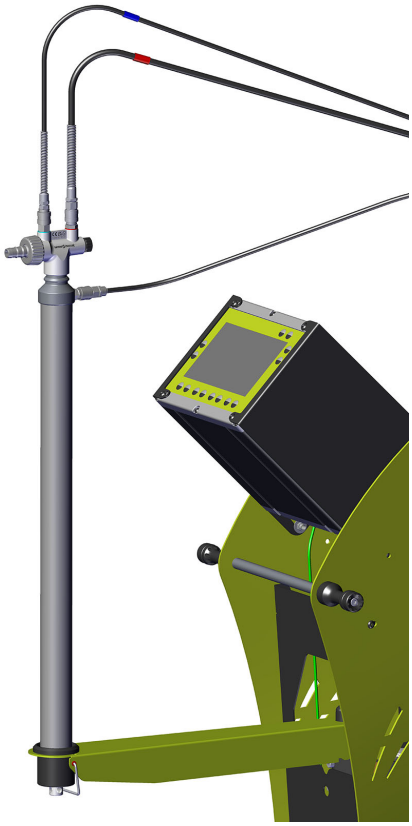
- Clean the complete **Inocart** cart with compressed air every 8 hours.

8.3.2. Procedure B: Powder pump / plunger tube cleaning

Before any intervention, refer to the health and safety instructions (see § 1.6 page 9) and (see § 1.7.2 page 12) for the protection of control module valves.

This cleaning is done at each change of shift or at each change of color.

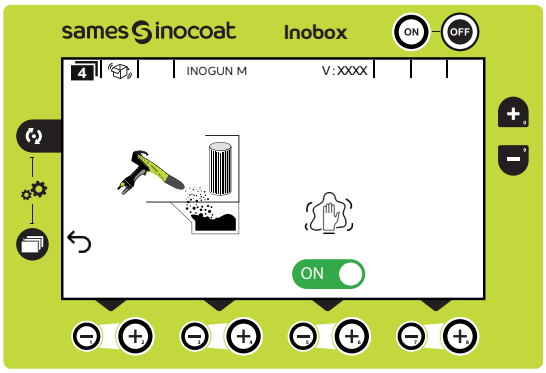
- **Step 1**: Take the fluidizing tube out of the powder box, leaving it in the support arm and hold it with the hook. Swivel the support arm to the outside of the cart on the Fast Clean side.



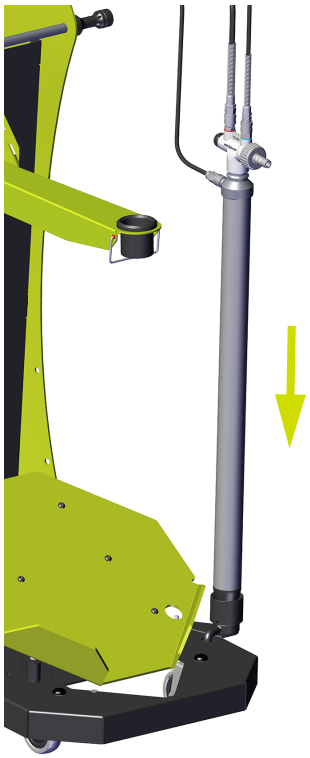
- **Step 2**: Remove the powder box, making sure to close the plastic over the powder.
  The next colour box must be put on after cleaning the whole equipment otherwise there is a risk of pollution.

- **Step 3**: Position the gun in the direction of the ventilated booth and press the trigger several times to release the remaining powder into the circuit.

- **Step 4**: Switch the cleaning mode on the **Inobox** (see DRT7145).

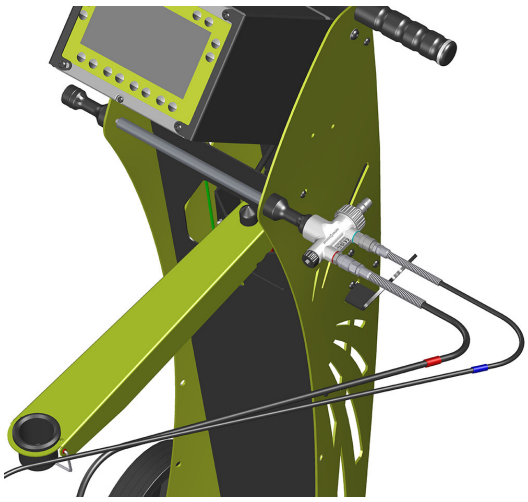


- **Step 5**: Place the fluidizing tube over the Fast Clean and press 2 or 3 times to clean the internal circuit.



Never use the Fast Clean if the cleaning mode is not activated.

- **Step 6**: Disconnect the **CS 130 pump** from the fluidizing tube and place it on its holder. Cleaning cycles continue to run to rinse the pump and tubing.
- **Step 7**: Blow the outside of the tube into the booth.
- **Step 8**: Put the **CS 130 pump** back on the fluidizing tube, put the fluidizing tube back on the arm and dip the tube into the new powder box.



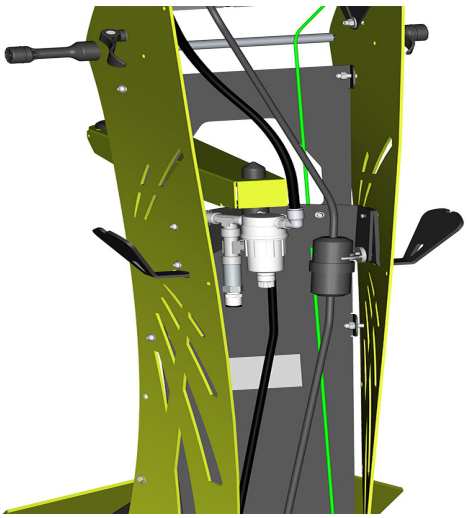
Do not disconnect the power supply and pump connections when the cleaning mode is activated.

8.4. Replacement

The following maintenance operations are to be carried out in the workshop.

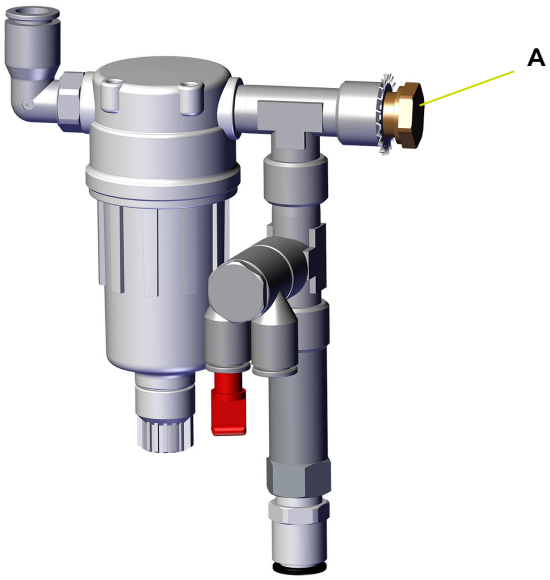
8.4.1. Procedure C1: Replacement of filter

- **Step 1**: Remove the rear panel from the cart.



- **Step 2**: Disconnect the air supplies.

- **Step 3**: Unscrew the brass plug (A) and remove the filter assembly.

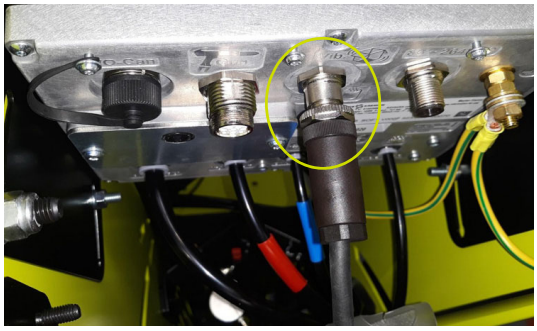


- **Step 4: To reassemble, proceed in reverse order:**
  Replace the complete filter assembly.
  Attach the filter to the arm support with the brass plug, the washer is placed inside and the plug is placed outside.
  Reconnect the air supplies.
  Replace the rear panel.

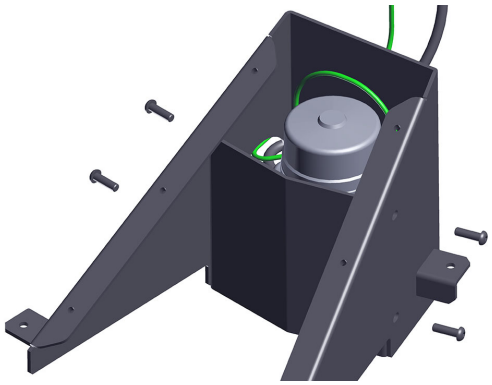
8.4.2. Procedure C2: Replacement of vibrator

Removal

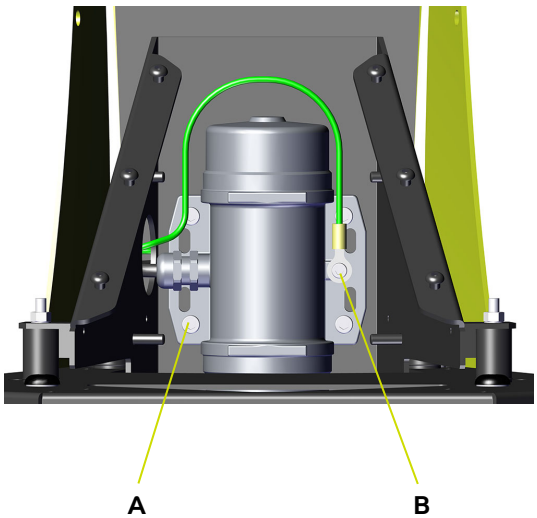
- **Step 1**: Disconnect the vibrator cable on the **Inobox** side.
- **Step 2**: Remove the vibrating table (see § 8.4.3 page 30).



- **Step 3**: Remove the vibrator wall by unscrewing the 4 screws/washers.

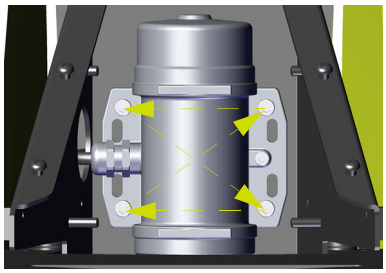


- **Step 4**: Disconnect the ground wire (**B**) from the vibrator.
- **Step 5**: Unscrew the 4 vibrator fastening screws (**A**).
- **Step 6**: Disconnect the vibrator.

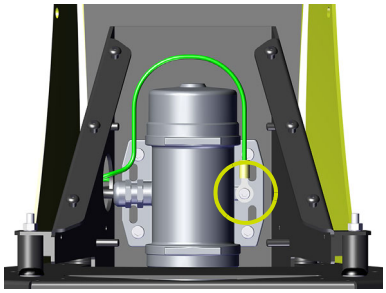


Reassembly

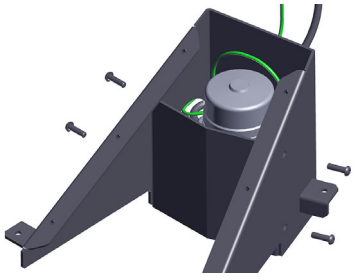
- **Step 7**: Apply a few drops of normal threadlocker (P/N H2CPAL046) on the 4 fixing screws



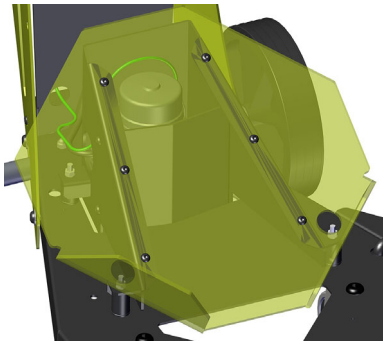
- **Step 8**: Place the vibrator on the cart, screw the screws crosswise and in approach, then tighten to a torque of 10 N.m.



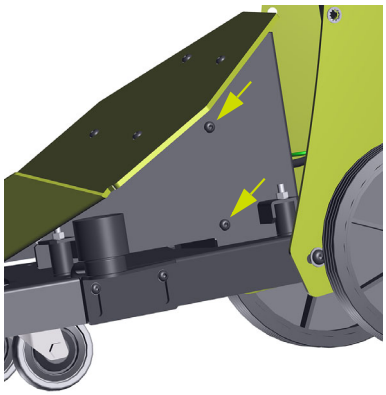
- **Step 9**: Attach the ground cable lug by tightening the screw to a torque of 7 N.m.



- **Step 10**: Replace the vibrator panel.



- **Step 11**: Replace the vibrating table by checking the condition of the elastic pads, replace them if necessary.

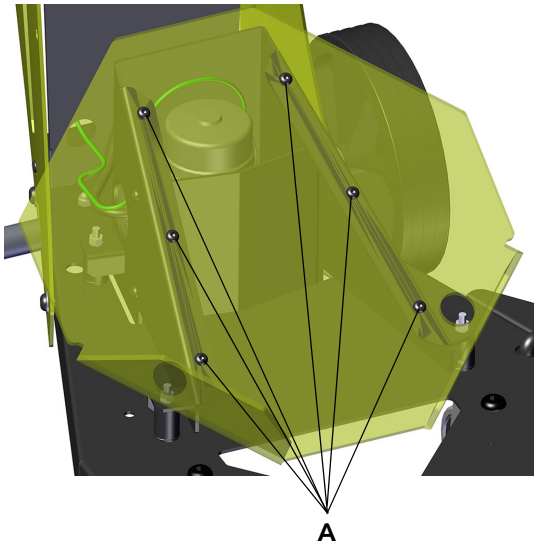


- **Step 12**: Tighten the 4 screws fixing the vibrator panel.

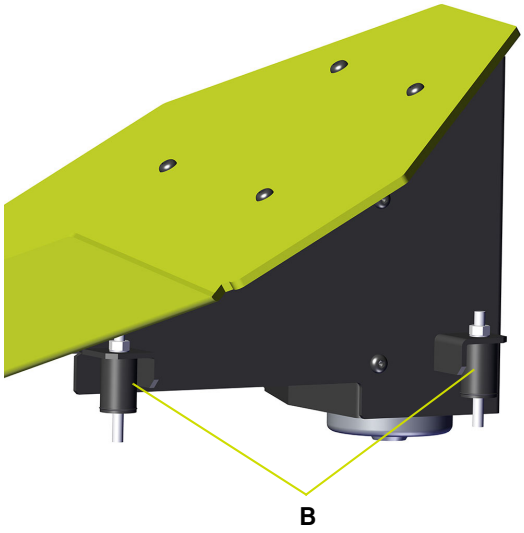
- **Step 13**: Reconnect the vibrator cable on the **Inobox** side.

8.4.3. Procedure C3: Replacement of elastic pads of the vibrating table

- **Step 1**: Unscrew the 6 screws (**A**) holding the vibrating table and remove it.



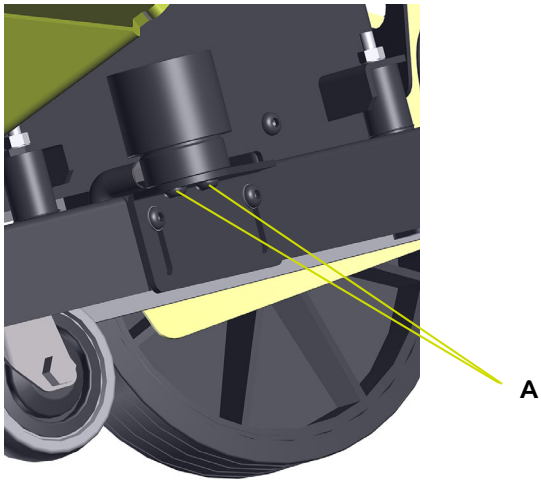
- **Step 2**: Using a 10" socket wrench, remove the 4 elastic pads (**B**) and replace them.



- **Step 3: For reassembly, proceed in the reverse order**, having first applied a few drops of blue threadlocker to the 6 screws holding the vibrating table.

8.4.4. Procedure C4: Fast Clean replacement

- **Step 1**: Disconnect the hose from the Fast Clean.
- **Step 2**: Unscrew the 2 screws (**A**) securing the Fast Clean and remove it.
- **Step 3**: Insert the new Fast Clean, tighten the 2 screws (**A**) and then reconnect it.



8.4.5. Procedure C5: Replacement of the equipped porous washer

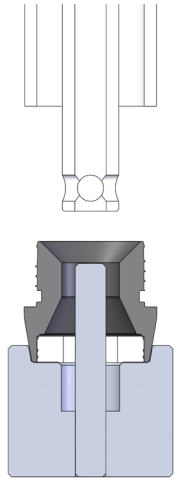
Disassembly:

- **Step 1**: Using soft rubber clamps, textile protection or thick cardboard, clamp the aluminium body of the tube in a vice and unscrew the outer tube manually.
  The inner tube remains attached to the body.
- **Step 2**: Using a 20 to 30 mm diameter bar of sufficient length (broomstick style), remove the black nose from the outer tube:
  Tube laid flat on a work surface, passing through the inside of the tube, hit the nose with the rod.
  Repeat if necessary.

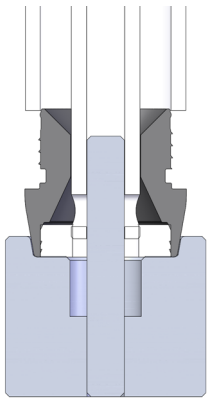
Reassemble the equipped porous washer:

- **Step 3**: Put the inner tube and the aluminium body back into the outer tube.
- **Step 4**: Using a mallet, insert the aluminium body into the outer tube. Leave a gap of +/-0.5 mm between the shoulder of the body and the tube.
- **Step 5**: Place the nose assembly tool (P/N: 900020525) on the work surface or on the floor.
- **Step 6**: Place the new nose on the tool with the porous washer down.

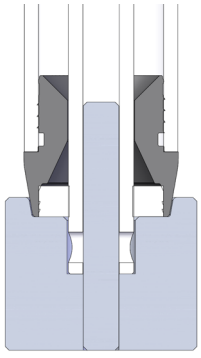
- **Step 7**: Position / center the inner tube on the center guide of the tool.



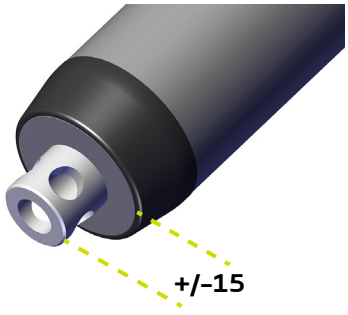
- **Step 8**: By pressing firmly on the top of the tube (can be tapped with the mallet) push the center tube into the washer until the outer tube starts to center on the nose.



- **Step 9**: Once the nose is centered in the tube, by tapping vertically with the mallet at the top of the tube on the aluminum body, push the nose into the outer tube:
  The nose is resting on the outer tube.
  The aluminium body is in contact with the outer tube.



- **Step 10**: Check the position of the holes in the inner tube.



9. Spare parts list

The spare parts are classified in 2 different types:

- **1st emergency parts**:
  The 1st emergency parts are strategic components which are not necessarily consumables but which in case of failure prohibit the operation of the equipment.
  Depending on the production line's commitment and the production rates imposed, the first emergency parts are not necessarily kept available in the customer's stock.
  Indeed, if an interruption of the production flow is possible, storage is not necessary.
  On the other hand, if the stop is not possible, the 1st emergency parts will be kept in stock.

- **Wearing parts**:
  Wearing parts are consumable components such as O-rings that undergo regular degradation over time during normal operation of the installation. It is therefore advisable to replace them according to a defined frequency and adapted to the operating time of the installation.
  The wearing parts must therefore be kept in the customer's stock.

To guarantee an optimal assembly, spare parts must be stored in a temperature close to their temperature of use. Should the opposite occur, a sufficient waiting time must be observed before the installation, so that all the elements are assembled in the same temperature.

9.1. Equipment Inocart VT

Europe version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910029950	**Inocart VT equipped Vibrating table – 6m**	**1**	**1**	**-**
	910029950-12	**Inocart VT equipped Vibrating table – 12m**	**1**	**1**	**-**
1	**-**	**Inocart VT Cart** (see § 9.1.1 page 37)	**1**	**-**	**-**
2	**910030034**	Inogun M spray gun (see DRT7132)	**1**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	6 m	50 m	2
	130001649#	POE green hose ∅ 11mm	12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	6 m	m	2
	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	12 m	m	2
Not shown					
	910030041	**Inobox EU power cable, length: 5 m**	**1**	**1**	**-**
	900022356	Split ring	1	1	-

UK version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910029950-UK	**Inocart VT equipped Vibrating table – 6m**	**1**	**1**	**-**
	910029950-12-UK	**Inocart VT equipped Vibrating table – 12m**	**1**	**1**	**-**
1	**-**	**Inocart VT Cart** (see § 9.1.1 page 37)	**1**	**-**	**-**
2	**910030034**	Inogun M spray gun (see DRT7132)	**1**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	6 m	50 m	2
	130001649#	POE green hose ∅ 11mm	12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	6 m	m	2
	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	12 m	m	2
Not shown					
	910031355	**Inobox UK power cable, length: 5 m**	**1**	**1**	**-**
	900022356	Split ring	1	1	-

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

US version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030904	**Inocart VT equipped Vibrating table - 6m**	**1**	**1**	**-**
	910030904-12	**Inocart VT equipped Vibrating table - 12m**	**1**	**1**	**-**
1	**-**	**Inocart VT Cart** (see § 9.1.1 page 37)	**1**	**-**	**-**
2	**910030034**	Inogun M spray gun (see DRT7132)	**1**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	6 m	50 m	2
	130001649#	POE green hose ∅ 11mm	12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	6 m	m	2
	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	12 m	m	2
Not shown					
	910030398	**Inobox US power cable, length: 5 m**	**1**	**1**	**-**
	900022356	Split ring	1	1	-

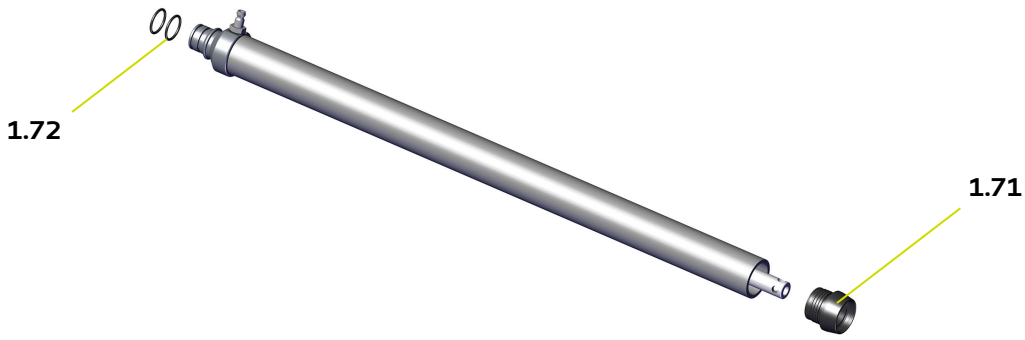
(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.1.1. **Inocart VT cart**, Europe, UK and US versions

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
1	**-**	**Inocart VT cart**	**1**	**-**	**-**
1.1	**910029883**	**Inocart VT control module** (see DRT7145)	**1**	**1**	**-**
1.2	J2CTPB253	O-ring	2	1	2
1.3	130001492	PU hose D: 10 x 1,25 black antistatic (connection between filter and **Inobox**)	0.4 m	m	2
1.4	**910030392**	**Wiring set**	**1**	**1**	**-**
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**1**	**1**	**-**
1.6	**910027878**	**Equipped 5 micron air filter**	**1**	**1**	**1-2**
1.7	**910025252**	**Equipped Plunger tube** (see § 9.1.1.1 page 39)	**1**	**1**	**-**
1.8	130000624	PU hose D: 08 x 1,25 black antistatic (connection between filter and Fast clean)	0.93 m	m	2
1.9	**910030011**	**Europe Inocart Vibrator**	**1**	**1**	**1-2**
	910030896	**US Inocart Vibrator**	**1**	**1**	**1-2**
1.10	200000474	Elastic pad	4	1	-
	X2BEHU006	H M 6 U galvanized steel nut	4	1	-
	EU9000835	Fan washer Dia.: 6	4	1	-
	X4AVSY223	Chc M 6 / 16 galvanized steel Screws	4	1	-
1.11	200000441	Rear wheel	2	1	-
	250000419	Stainless steel M 8 / 16 curved screw	2	1	-
	X2BDTU008	Steel zinc-plated Washer 8	2	1	-
1.12	**910031365**	**Fast Clean equipped**	**1**	**1**	**-**
1.13	EU9000064	Conductive front swivel wheel	2	1	-
	250000422	Stainless steel M10 x 30 Chc curved screw	2	1	-
	EU9000837	Fan washer Dia.: 10	2	1	-
	X2BDZU010	Washer Z10 U galvanized steel	2	1	-
	X2BEHS010	Galvanized nylstop nut M 10 U	2	1	-

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.1.1.1. Equipped plunger tube



Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
1.7	**910025252**	**Equipped plunger tube**	**1**	**1**	**-**
1.71	**910031418**	**Equipped porous washer**	**1**	**1**	**1-2**
1.72	J2CTPB253	O-ring	2	1	1-2

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.2. Equipment Inocart H

Europe version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030365	**Inocart H equipped hopper - 6m**	**1**	**1**	-
	910030365-12	**Inocart H equipped hopper - 12m**	**1**	**1**	-
1	-	Inocart H cart (see § 9.2.1 page 43)	**1**	-	-
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**1**	**1**	-
1.7	**910030912**	Inotank Plunger tube (see § 9.2.2 page 44)	**1**	**1**	-
2	**910030034**	Inogun M spray gun (see DRT7132)	**1**	**1**	-
3	130001649#	POE green hose ∅ 11mm	6 m	50 m	2
	130001649#	POE green hose ∅ 11mm	12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	6 m	m	2
	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	12 m	m	2
5	**130002065AT**	Equipped Inotank hopper (see § 9.2.3 page 45)	**1**	**1**	-
Not shown					
	910030041	**Inobox EU power cable, length: 5 m**	**1**	**1**	-

UK version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030365-UK	**Inocart H equipped hopper - 6m**	**1**	**1**	-
	910030365-12-UK	**Inocart H equipped hopper - 12m**	**1**	**1**	-
1	-	Inocart H cart (see § 9.2.1 page 43)	**1**	-	-
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**1**	**1**	-
1.7	**910030912**	Inotank Plunger tube (see § 9.2.2 page 44)	**1**	**1**	-
2	**910030034**	Inogun M spray gun (see DRT7132)	**1**	**1**	-
3	130001649#	POE green hose ∅ 11mm	6 m	50 m	2
	130001649#	POE green hose ∅ 11mm	12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	6 m	m	2
	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	12 m	m	2
5	**130002065AT**	Equipped Inotank hopper (see § 9.2.3 page 45)	**1**	**1**	-
Not shown					
	910031355	**Inobox UK power cable, length: 5 m**	**1**	**1**	-

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

US version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030906	**Inocart H equipped hopper – 6m**	**1**	**1**	**-**
	910030906-12	**Inocart H equipped hopper – 12m**	**1**	**1**	**-**
1	**-**	**Inocart H cart** (see § 9.2.1 page 43)	**1**	**-**	**-**
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**1**	**1**	**-**
1.7	**910030912**	Inotank Plunger tube (see § 9.2.2 page 44)	**1**	**1**	**-**
2	**910030034**	Inogun M spray gun (see DRT7132)	**1**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	6 m	50 m	2
	130001649#	POE green hose ∅ 11mm	12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	6 m	m	2
	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	12 m	m	2
5	**130002065AT**	Equipped Inotank hopper (see § 9.2.3 page 45)	**1**	**1**	**-**
Not shown					
	910030398	**Inobox US power cable, length: 5 m**	**1**	**1**	**-**

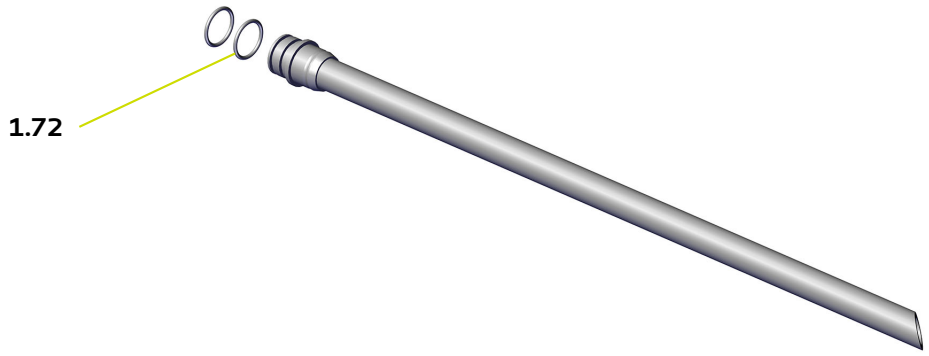
(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.2.1. **Inocart H** cart, Europe and US versions

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
1	**-**	**Inocart H cart**	**1**	**-**	**-**
1.1	**910029884**	**Inobox H control module** (see DRT7145)	**1**	**1**	**-**
1.2	**910030921**	**Wiring set**	**1**	**1**	**-**
1.3	130001492	PU hose D: 10 x 1,25 black antistatic (connection between filter and **Inobox**)	0,4 m	m	2
1.4	**910027878**	**5 micron air filter assembly**	**1**	**1**	**1-2**

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

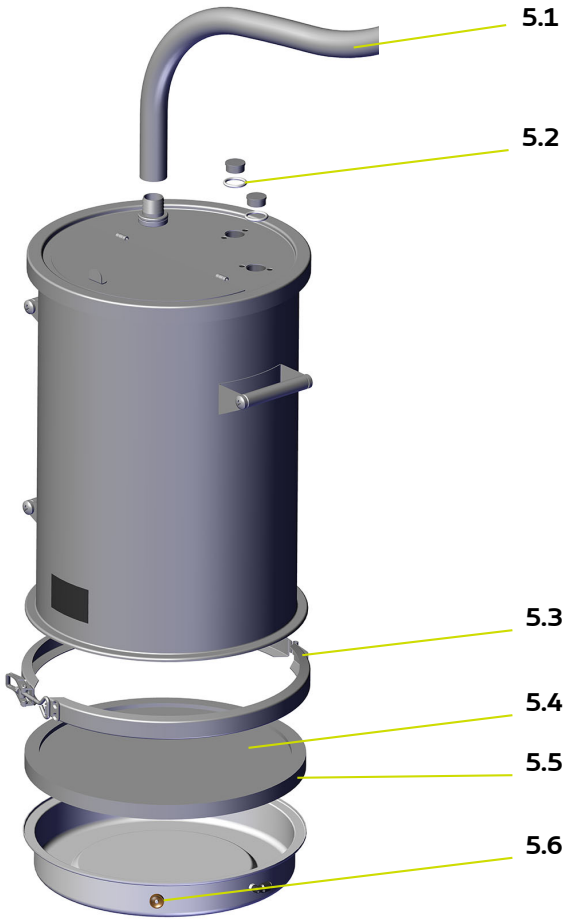
9.2.2. **Inotank plunger tube**



Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
1.7	**910030912**	**Inotank plunger tube**	**1**	**1**	**-**
1.72	J2CTPB253	O-ring	2	1	1-2

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.2.3. Equipped **Inotank** hopper

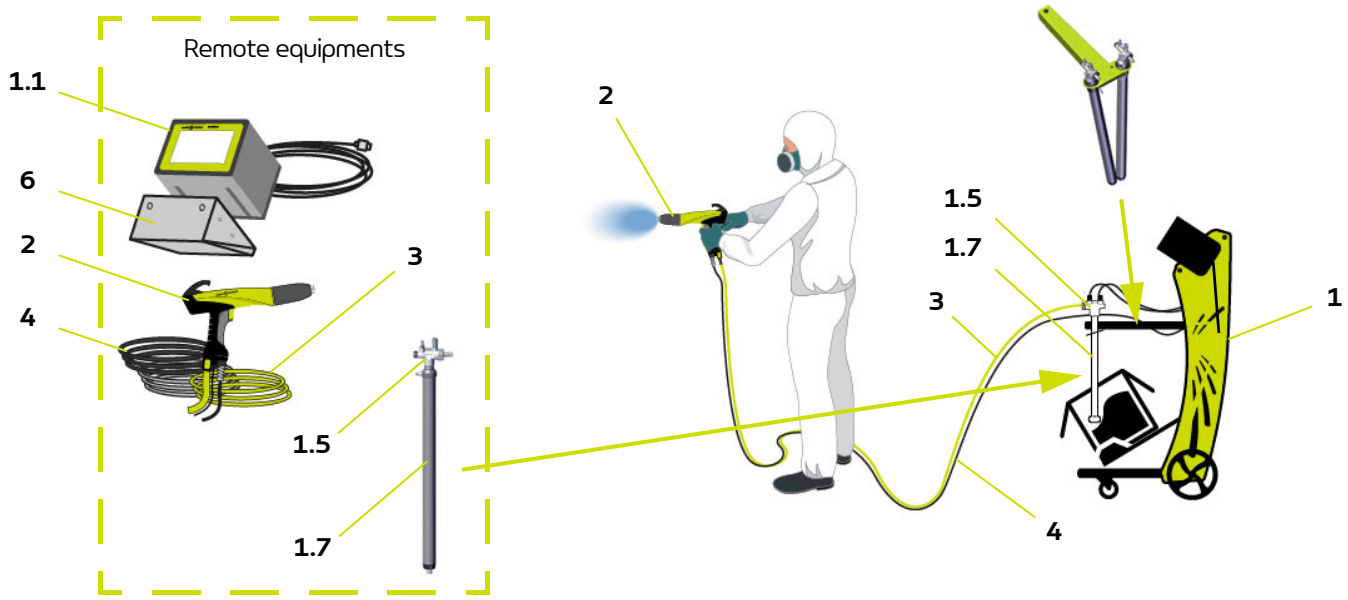


Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
5	**130002065AT**	**Equipped Inotank hopper**	**1**	**-**	**-**
5.1	150000098	Smoke exhaust duct	1	1	-
5.2	J2CTCN052	O-ring	2	1	1-2
5.3	130002097	Inotank 50l Closing Collar	1	1	-
5.4	150000099	Fluidizing plate	1	1	-
5.5	160000269	Fluidizing plate seal	1	1	-
5.6	130002096	Grounding nut	1	1	-

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.3. Equipment Inocart VT Dual

Schematic diagram



Note: only CS130 powder pumps are installed on the cart, the LV cable is 6 m long.

Europe version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030364	**Inocart VT Dual equipped Vibrating table**	**1**	**1**	**-**
1	**-**	**Inocart VT Dual Cart** (see § 9.3.1 page 48)	**1**	**-**	**-**
1.1	**910029883**	**Inocart VT control module** (see DRT7145)	**1**	**1**	**-**
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**2**	**1**	**-**
1.7	**910025252**	**Equipped Plunger tube** (see § 9.1.1.1 page 39)	**2**	**1**	**-**
2	**910030034**	Inogun M spray gun (see DRT7132)	**2**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	1 x 6 m **and** 1x 12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	2 x 6 m	m	2
6	**910030910**	**Wall support kit**	**1**	**1**	**-**
	910030041	**Inobox EU power cable, length: 5 m**	**2**	**1**	**-**
	910031355	**Inobox UK power cable, length: 5 m**	**2**	**1**	**-**
	900022356	Split ring	2	1	-

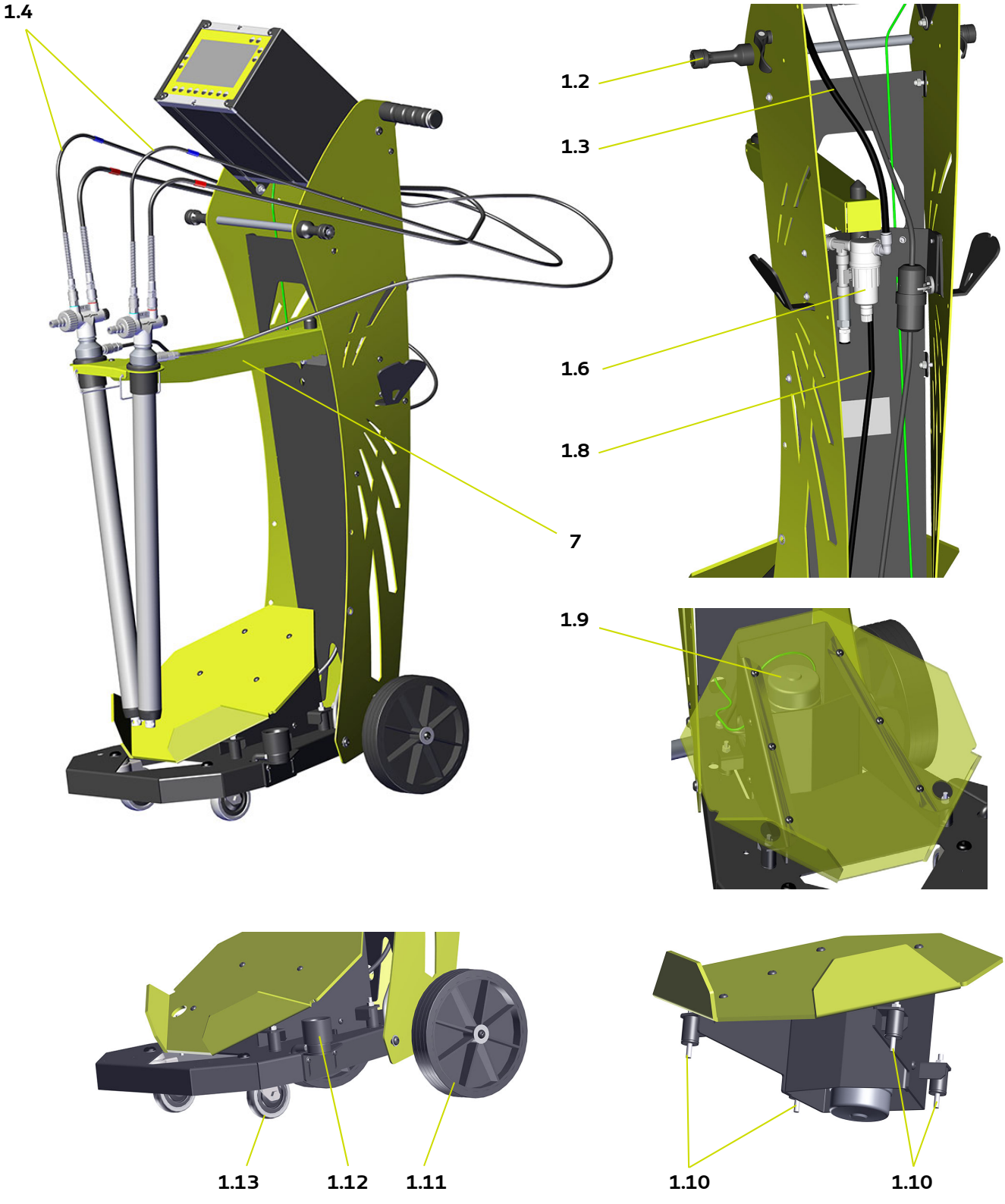
(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

US version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030905	**Inocart VT Dual equipped Vibrating table**	**1**	**1**	**-**
1	**-**	**Inocart VT Dual Cart** (see § 9.3.1 page 48)	**1**	**-**	**-**
1.1	**910029883**	**Inocart VT control module** (see DRT7145)	**1**	**1**	**-**
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**2**	**1**	**-**
1.7	**910025252**	**Equipped Plunger tube** (see § 9.1.1.1 page 39)	**2**	**1**	**-**
2	**910030034**	**Inogun M spray gun** (see DRT7132)	**2**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	1 x 6 m **and** 1x 12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	2 x 6 m	m	2
6	**910030910**	**Wall support kit**	**1**	**1**	**-**
	910030398	**Inobox US power cable, length: 5 m**	**2**	**1**	**-**
	900022356	Split ring	2	1	-

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

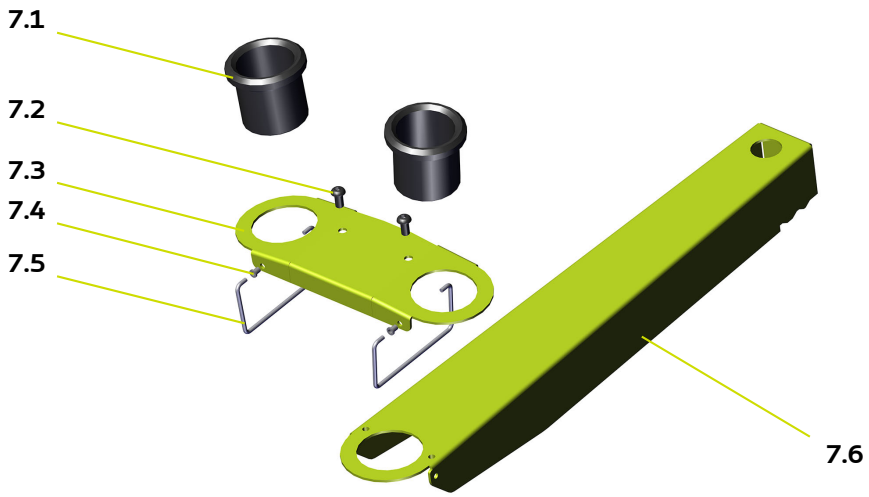
9.3.1. **Inocart VT Dual** cart Europe / US



Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
1	**-**	**Inocart VT Dual cart**	**1**	**-**	**-**
1.2	J2CTPB253	O-ring	2	1	**-**
1.3	130001492	PU hose D: 10 x 1,25 black antistatic (connection between filter and **Inobox**)	0.4 m	m	2
1.4	**910030392**	**Inocart VT wiring set**	**1**	**1**	**-**
	910031421	**Wiring set 12m**	**1**	**1**	**-**
1.6	**910027878**	**Equipped 5 micron air filter**	**1**	**1**	**1-2**
1.8	130000624	PU hose D: 08 x 1,25 black antistatic (connection between filter and Fast clean)	0.93 m	m	2
1.9	**910030011**	**Europe Inocart Vibrator**	**1**	**1**	**1-2**
	910030896	**US Inocart Vibrator**	**1**	**1**	**1-2**
1.10	200000474	Elastic pad	4	1	**-**
	X2BEHU006	H M 6 U galvanized steel nut	4	1	**-**
	EU9000835	Fan washer Dia.: 6	4	1	**-**
	X4AVSY223	Chc M 6 / 16 galvanized steel Screws	4	1	**-**
1.11	200000441	Rear wheel	2	1	**-**
	250000419	Stainless steel M 8 / 16 curved screw	2	1	**-**
	X2BDTU008	Steel zinc-plated Washer 8	2	1	**-**
1.12	**910031365**	**Fast Clean equipped**	**1**	**1**	**-**
1.13	EU9000064	Conductive front swivel wheel	2	1	**-**
	250000422	Stainless steel M10 x 30 Chc curved screw	2	1	**-**
	EU9000837	Fan washer Dia.: 10	2	1	**-**
	X2BDZU010	Washer Z10 U galvanized steel	2	1	**-**
	X2BEHS010	Galvanized nylstop nut M 10 U	2	1	**-**
7	**910031441**	**Inocart dual arm** (see § 9.3.2 page 50)	**1**	**1**	**-**

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.3.2. **Inocart** dual arm

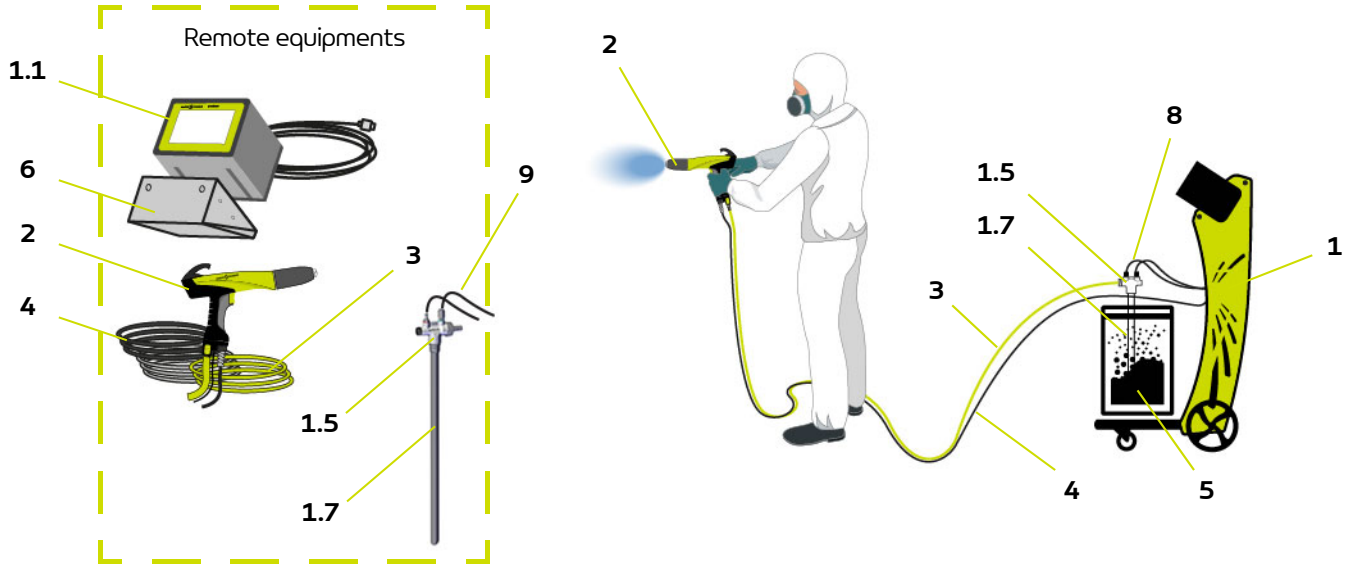


Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
7	**910031441**	**Inocart dual arm**	**1**	**-**	**-**
7.1	900018093	Plunger tube guide	2	1	-
7.2	250000418	Stainless steel rounded CHC screw M6/12	2	1	1-2
7.3	900019057	Inocart double tube frame	1	1	-
7.4	250000375	Black shoulder sleeve	4	1	-
7.5	900019026	Retractable stop	2	1	-
7.6	900018003	Cart arm	1	1	-

(*)
Level 1: 1st emergency parts
Level 2: Wearing parts

9.4. Equipment Inocart H Dual version

Schematic diagram



Note: only CS130 powder pumps are installed on cart side, the LV cable is 6 m long.

Europe version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030366	**Inocart H dual e(quipped 2 hoppers) Europe**	**1**	**1**	**-**
1	**-**	**Inocart H Cart** (see § 9.2.1 page 43)	**1**	**-**	**-**
1.1	**910029884**	**Inocart H control module** (see DRT7145)	**2**	**1**	**-**
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**2**	**1**	**-**
1.7	**910030912**	**Plunger tube** (see § 9.2.2 page 44)	**2**	**1**	**-**
2	**910030034**	**Inogun M spray gun** (see DRT7132)	**2**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	1 x 6 m **and** 1x 12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	2 x 6 m	m	2
5	**130002065AT**	**Equipped Inotank hopper** (see § 9.2.3 page 45)	**1**	**1**	**-**
6	**910030910**	**Wall support kit**	**1**	**1**	**-**
8	**910030921**	**Inocart H wiring set**	**1**	**1**	**-**
9	**910031357**	**Wiring set, length: 12 m**	**1**	**1**	**-**
	910030041	**Inobox EU power cable, length: 5 m**	**2**	**1**	**-**
	910031355	**Inobox UK power cable, length: 5 m**	**2**	**1**	**-**

US version

Item	Part Number	Description	Qty	Unit of sale	Maintenance level for spare parts (*)
	910030907	**Inocart H equipped 2 hoppers US**	**1**	**1**	**-**
1	**-**	**Inocart H Cart** (see § 9.2.1 page 43)	**1**	**-**	**-**
1.1	**910029884**	**Inocart H control module** (see DRT7145)	**2**	**1**	**-**
1.5	**910013775**	**CS 130 powder pump** (see DRT6426)	**2**	**1**	**-**
1.7	**910030912**	**Plunger tube** (see § 9.2.2 page 44)	**2**	**1**	**-**
2	**910030034**	**Inogun M spray gun** (see DRT7132)	**2**	**1**	**-**
3	130001649#	POE green hose ∅ 11mm	1 x 6 m **and** 1x 12 m	50 m	2
4	130000625	Polyurethane electrode air hose ∅ 6mm black antistatic	2 x 6 m	m	2
5	**130002065AT**	**Equipped Inotank hopper** (see § 9.2.3 page 45)	**1**	**1**	**-**
6	**910030910**	**Wall support kit**	**1**	**1**	**-**
8	**910030921**	**Inocart H wiring set**	**1**	**1**	**-**
9	**910031357**	**Wiring set, length: 12 m**	**1**	**1**	**-**
	910030398	**Inobox US power cable, length: 5 m**	**2**	**1**	**-**

(*) Level 1: 1st emergency parts
Level 2: Wearing parts

10. Revision index History

Created by:		Checked by: S Tadem	Approuved by: S. Court	
Date	**By:**	**Index**	**Purpose of the modification and location**	
2020/09	S. Court	A	First issue	
2023/03	O. Aubin	B	UKCA Marking Change of identity and logo Update of the graphic charter Unified references for the paint hose Added Inotank plunger tube Added dual support arm Added schematic diagrams	 § 9.1 § 9.2.2 § 9.3.2 § 9.3 - 9.4
2024/06	O. Aubin	C	Added split ring Modification of the Inobox power cable length Modification of the air supply connector	§ 9.1 § 8.4.1

11. Appendices

11.1. Maintenance preventive plan

PLAN DE MAINTENANCE PREVENTIVE / *PREVENTIVE MAINTENANCE PLAN*

Numéro d'ordre *Serial*	**Ensemble** - *Assembly*	**Sous ensemble** *Sub assembly*	**Désignation de l'élément** *Designation of the assembly*	**Pour 1 ensemble** - *For 1 assembly*			**Acteurs Métiers** *Operators - skill* **(3)**				**Niveau** *Level* **(4)**		**Manuel d'utilisation** *Instruction manual*	**Outil** *Tool*	**Commentaires** Notes
				Action à effectuer *Action to carry out*	**Temps prévu** *Estimated Time* **(1)**		**Périodicité** *Periodicity* (H / *hour*) **(2)**								
					100eme H	*mn*		*M*	*F*	*E*	*A*	*1*	*2*			

(1) Temps moyen d'intervention à titre indicatif, et à ajuster par les équipes d'intervention du site */ This average intervention time is given for information and should be adjusted by the operating teams on site.*
(2) Les périodicités mentionnées sont des moyennes basées sur l'expérience de **Sames**. A charge des utilisateurs de les adapter aux conditions de leur installation notamment en fonction de la nature des produits utilisés, des vitesses de travail, etc. **Sames** se réserve le droit de modifier les informations mentionnées dans ce document, sans préavis */ The given periodicities are averages based on* **Sames** *experience. It is the responsibility of the operators to adapt them to the conditions of their installation, in particular with respect to the nature of the products being used, the work speeds, etc. Sames reserves the right to change the information in this document without notice.*
(3) M : Mécanicien - F : Spécialiste fluide - E : Electricien - A : Automaticien */ M : Mechanic - F : Fluid specialist - E : Electrician - A : Automation specialist*
(4) 1 = Niveau de Base, 2 = Niveau Avancé */ 1 = Basic level, 2 = Advanced level*

Avant toute intervention, se référer au chapitre sécurité du manuel de l'équipement / *Before any intervention, see chapter safety equipment manual*

1	**Inocart VT** *Inocart VT*	Équipement *Equipment*	Tuyaux et raccords poudre *Hoses and unions powder*	Contrôle usure / fuite *Wear / Leakage check*	1,66	1	8	1	_	_	_	1				A chaque début de production *Every start production*
2		Équipement *Equipment*	Tuyau air *Air pipe*	Contrôle fuite *Leakage check*	1,66	1	8	1	_	_	_	1				A chaque début de production *Every start production*
3		Équipement *Equipment*	Liaison équipotentielle *Grounding wire*	Vérification mise à la terre du chariot *Checking ground connection of the cart*	1,66	1	8	_	_	1	_	1	2			A chaque début de production *Every start production*
4		Équipement *Equipment*	Régulateur air vibrateur ou aspiration fumées *Regulator air vibrator or suction smoke*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				A chaque début de production *Every start production* (1 à 2 bar maxi)
5		Équipement *Equipment*	Régulateur air fluidisation *Adjustable fluidisation air*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				A chaque début de production *Every start production*
6		Équipement *Equipment*	Silentbloc plateau *Damper*	Contrôle état *Checking state*	1,66	1	8	_	1	_	_	1				
7		Équipement *Equipment*	Fast clean *Fast clean*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				
8		Équipement *Equipment*	Tube plongeur *Dip tube*	Contrôle état et présence joints *Checking the condition and presence of O-rings*	1,66	1	8	_	1	_	_	1				
9		Tube plongeur *Dip tube*	Bague poreuse *Porous ring*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				

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Numéro d'ordre *Serial*	**Ensemble** - *Assembly*	**Sous ensemble** *Sub assembly*	**Désignation de l'élément** *Designation of the assembly*	**Pour 1 ensemble** - *For 1 assembly*										**Manuel d'utilisation** *Instruction manual*	**Outil** *Tool*	**Commentaires** Notes
				Action à effectuer *Action to carry out*	**Temps prévu** *Estimated Time* **(1)**		**Périodicité** *Periodicity* (H / *hour*) **(2)**	**Acteurs Métiers** *Operators - skill* **(3)**				**Niveau** *Level* **(4)**				
					100eme H	*mn*		*M*	*F*	*E*	*A*	*1*	*2*			
10		Tube plongeur *Dip tube*	Piquage air *Air fitting*	Contrôle état *Checking state*	1,66	1	8	_	1	_	_	1				
11		Équipement *Equipment*	Vibrateur électrique *Electric vibrator*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				
12		Équipement *Equipment*	Filter air *Air filter*	Vérification absence eau et huile *Checking absence of water and oil*	1,66	1	1 fois/mois *Once a month*	1	_	_	_	1	2			
13		Équipement *Equipment*	Roue pivotante conductrice *Conductive pivoting roller*	Vérification *Checking*	1,66	1	1 fois/mois *Once a month*	1	_	_	_	1				
14		Équipement *Equipment*	Roue arrière *Rear roller*	Vérification *Checking*	1,66	1	1 fois/mois *Once a month*	1	_	_	_	1				
15	(DRT7159)	Équipement *Equipment*	Cartouche filtrante *Filter cartrigde*	Remplacement *Replacement*	1,66	1	1000 (2 fois/an / *twice a year*)	1	_	_	_		2			
16		Équipement *Equipment*	Tuyaux et raccords poudre *Hoses and unions powder*	Contrôle usure / fuite *Wear / Leakage check*	1,66	1	8	1	_	_	_	1				A chaque début de production *Every start production*
17		Équipement *Equipment*	Tuyau air *Air pipe*	Contrôle fuite *Leakage check*	1,66	1	8	1	_	_	_	1				A chaque début de production *Every start production*
18		Équipement *Equipment*	Liaison équipotentielle *Grounding wire*	Vérification mise à la terre du chariot *Checking ground connection of the cart*	1,66	1	8	_	_	1	_	1	2			A chaque début de production *Every start production*
19		Équipement *Equipment*	Régulateur air vibrateur ou aspiration fumées *Regulator air vibrator or suction smoke*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				A chaque début de production *Every start production* (1 à 2 bar maxi)
20		Équipement *Equipment*	Régulateur air fluidisation *Adjustable fluidisation air*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				A chaque début de production *Every start production*

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				Action à effectuer *Action to carry out*	**Temps prévu** *Estimated Time* **(1)**		**Périodicité** *Periodicity* (H / *hour*) **(2)**	**Acteurs Métiers** *Operators - skill* **(3)**				**Niveau** *Level* **(4)**				
					100eme H	*mn*		*M*	*F*	*E*	*A*	*1*	*2*			
21	**Inocart H** *Inocart H*	Équipement *Equipment*	Réservoir fluidisé *Fluidising tank*	Contrôle état et étanchéité *Condition and leakage control*	1,66	1	8	_	1	_	_	1				
22		Équipement *Equipment*	Tube plongeur *Dip tube*	Contrôle état et présence joints *Checking the condition and presence of O-rings*	1,66	1	8	_	1	_	_	1				
23		Réservoir fluidisé *Fluidising tank*	Plaque poreuse *Porous plate*	Contrôle état et fonctionnement *Checking state and smooth functioning*	1,66	1	8	_	1	_	_	1				
24		Réservoir fluidisé *Fluidising tank*	Piquage air *Air fitting*	Contrôle état *Checking state*	1,66	1	8	_	1	_	_	1				
25		Équipement *Equipment*	Filter air *Air filter*	Vérification absence eau et huile *Checking absence of water and oil*	1,66	1	1 fois/mois *Once a month*	1	_	_	_	1	2			
26		Équipement *Equipment*	Roue pivotante conductrice *Conductive pivoting roller*	Vérification *Checking*	1,66	1	1 fois/mois *Once a month*	1	_	_	_	1				
27		Équipement *Equipment*	Roue arrière *Rear roller*	Vérification *Checking*	1,66	1	1 fois/mois *Once a month*	1	_	_	_	1				
28	(DRT7159)	Équipement *Equipment*	Cartouche filtrante *Filter cartrigde*	Remplacement *Replacement*	1,66	1	1000 (2 fois/an / *twice a year*)	1	_	_	_		2			
29		Équipement *Equipment*	Tuyaux et raccords poudre *Hoses and unions powder*	Contrôle usure / fuite *Wear / Leakage check*	1,66	1	8	X				1				A chaque début de production *Every start production*
30		Équipement *Equipment*	Tuyaux et raccords pneumatique *Hoses and unions pneumatic*	Contrôle usure / fuite *Wear / Leakage check*	1,66	1	8	X				1				A chaque début de production *Every start production*

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PLAN DE MAINTENANCE PREVENTIVE / *PREVENTIVE MAINTENANCE PLAN*

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				Action à effectuer *Action to carry out*	**Temps prévu** *Estimated Time* **(1)**		**Périodicité** *Periodicity* (H / *hour*) **(2)**	**Acteurs Métiers** *Operators - skill* **(3)**				**Niveau** *Level* **(4)**				
					100eme H	*mn*		*M*	*F*	*E*	*A*	*1*	*2*			
31		Équipement *Equipment*	Boitier de commande arrière *Rear control box*	Vérification état et fonctionnalité *Checking status and functionality*	1,66	1	8	X				1				A chaque début de production *Every start production*
32		Équipement *Equipment*	Gachette *Trigger*	Vérification état et fonctionnalité *Checking status and functionality*	1,66	1	8	X				1				A chaque début de production *Every start production*
33		Équipement *Equipment*	Projecteur, buse, électrode et conduit poudre *Projector, nozzle, electrode and powder pipe*	Nettoyage avec air comprimé *Cleaning with compressed air*	8,33	5	8	X				1				A chaque arrêt de production - Pression maxi 2,5 bars *Every break time - Air pressure max 2,5Bars*
34		Équipement *Equipment*	Buse et déflecteur *Spray-gun nozzle and deflector*	Nettoyage *Cleaning*	8,33	5	40	X				1				Solvant MIBK (Méthyle Isobutyl Cétone) *Solvent MIBK (Methyl Isobutyl Ketone)*
35	**Inogun M Pistolet poudre** *Inogun M Spray gun*	Équipement *Equipment*	Support électrode *Electrode support*	Vérification encrassement électrode *Checking for electrode contamination*	1,66	1	40	X				1				
36		Équipement *Equipment*	Support électrode *Electrode support*	Vérification joint conducteur *Checking conductive O-ring*	1,66	1	40	X				1				
37		Équipement *Equipment*	Contact HT canon *HV contact barrel*	Vérification propreté contact *Checking contact cleanliness*	1,66	1	40	X				1				
38		Équipement *Equipment*	Contact *Barrel*	Vérification orifice sortie air de soufflage électrode *Checking the cleanliness of the blowing air outlet electrode*	1,66	1	40	X				1				

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PLAN DE MAINTENANCE PREVENTIVE / *PREVENTIVE MAINTENANCE PLAN*

Numéro d'ordre *Serial*	**Ensemble** - *Assembly*	**Sous ensemble** *Sub assembly*	**Désignation de l'élément** *Designation of the assembly*	**Pour 1 ensemble** - *For 1 assembly*										**Manuel d'utilisation** *Instruction manual*	**Outil** *Tool*	**Commentaires** Notes
				Action à effectuer *Action to carry out*	**Temps prévu** *Estimated Time* **(1)**		**Périodicité** *Periodicity* (H / *hour*) **(2)**	**Acteurs Métiers** *Operators - skill* **(3)**				**Niveau** *Level* **(4)**				
					100eme H	*mn*		*M*	*F*	*E*	*A*	*1*	*2*			
39		Équipement *Equipment*	Coude poudre *Elbow powder*	Vérification état d'usure et encrassement *Checking the state of wear and soiling*	1,66	1	500 (4 fois/an)	X					2	(DRT7132)	Tournevis empreinte Philips PH1 *Philips screwdriver PH1*	Remplacement si nécessaire *Replace if it is required*
40		Équipement *Equipment*	Câblage *Wiring*	Vérification hygiène connectique *Checking wiring*	1,66	1	1000 (2 fois/an)			X			2			
41		Paramètre process *Process parameter*	Unité haute tension *High voltage unit*	Essais Haute tension *High voltage test*	3,33	2	1000 (2 fois/an)			X			2			
42		Projecteur *Spray gun*	Fixations *Fixations*	Vérification fixation appareil *Checking fixing projector*	3,33	2	1000 (2 fois/an)	X					2			
43		Équipement *Equipment*	Coude poudre *Elbow powder*	Remplacement *Replacement*	16,66	10		X					2	(DRT7132)	Tournevis empreinte Philips PH1 *Philips screwdriver PH1*	
44	(DRT7132)	Projecteur *Spray gun*	Buse *Spray gun nozzle*	Vérification pulvérisation poudre *Checking spray*	1,66	1		X				1	2			Durant la production *During production*
45	**Pompe à poudre CS130** *Powder pumps CS130*	Pompes à poudre *Powder pumps*	Tube plongeur *Plunger tube*	Nettoyage avec air comprimé *Cleaning with compressed air*	5,00	3	40	X				1				
46		Pompes à poudre *Powder pumps*	Éjecteur venturi et bague poreuse *Venturi ejector and porous washer*	Nettoyage avec air comprimé *Cleaning with compressed air*	5,00	3	40	X				1				
47		Pompes à poudre *Powder pumps*	Injecteur venturi Venturi injector	Nettoyage avec air comprimé *Cleaning with compressed air*	5,00	3	40	X				1				
48		Pompes à poudre Powder pumps	Injecteur venturi *Venturi injector*	Remplacement *Replacement*	8,33	5	150	X				1				

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				Action à effectuer *Action to carry out*	**Temps prévu** *Estimated Time* **(1)**		**Périodicité** *Periodicity* (H / *hour*) **(2)**	**Acteurs Métiers** *Operators - skill* **(3)**				**Niveau** *Level* **(4)**				
					100eme H	*mn*		*M*	*F*	*E*	*A*	*1*	*2*			
49	(DRT6426)	Pompes à poudre Powder pumps	Ejecteur et bague poreuse Ejector and *porous washer*	Remplacement *Replacement*	8,33	5	150	X				1				
50		Équipement *Equipment*	Tuyau air *Air pipe*	Contrôle fuite *Leakage check*	1,66	1	8	X					2			A chaque début de production *Every start production*
51		Équipement Equipment	Face avant *Front*	Vérification aspect *Checking appearance*	1,66	1	40	X				1	2			A chaque début de production Every start production
52		Équipement *Equipment*	Câblage *Wiring*	Vérification fixation sur chariot *Checking installation on carriage*	1,66	1	40			X			2			
53		Équipement *Equipment*	Face avant *Front*	Vérification fonctionnement module *Checking smooth functioning*	8,33	5	40			X		1	2			
54	**Module de commande Inobox** *Control module Inobox*	Paramètre process *Process parameter*	Débit poudre *Powder flow*	Relevé valeur *Record value*	1,66	1	1000 (2 fois/an / *twice a year*)				X	1				
55		Paramètre process *Process parameter*	Dilution poudre *Dilution powder*	*Relevé valeur* *Record value*	1,66	1	1000 (2 fois/an / *twice a year*)				X	1				
56		Paramètre process *Process parameter*	Fluidisation *Fluidisation*	Relevé valeur *Record value*	1,66	1	1000 (2 fois/an / *twice a year*)				X	1				
57		Paramètre process *Process parameter*	Soufflage électrode *Elecrode blowing*	Relevé valeur *Record value*	1,66	1	1000 (2 fois/an / *twice a year*)				X	1				
58		Paramètre process *Process parameter*	Haute tension *High voltage*	Relevé valeur *Record value*	1,66	1	1000 (2 fois/an / *twice a year*)				X	1				

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				Action à effectuer *Action to carry out*	**Temps prévu** *Estimated Time* **(1)**		**Périodicité** *Periodicity* (H / *hour*) **(2)**	**Acteurs Métiers** *Operators - skill* **(3)**				**Niveau** *Level* **(4)**				
					100eme H	*mn*		*M*	*F*	*E*	*A*	*1*	*2*			
59	(DRT 7145)	Paramètre process *Process parameter*	Intensité *Intensity*	Relevé valeur *Record value*	1,66	1	1000 (2 fois/an / *twice a year*)				X	1				
60	**Pièces de rechange** *Spare parts*	Stock *Stock*	Pièces *Spare parts*	Vérification disponibilité des pièces de première urgence *Checking availability of spare parts*	8,33	5	1000 (2 fois/an / *twice a year*)	X	X			1	2			

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11.2. EU and UK declarations of conformity

UE DECLARATION OF CONFORMITY

(1) **The manufacturer herewith declares that the equipment is in conformity with the relevant Union harmonization legislation.**

(2) **Equipment type**	Chariot poudre / Powder cart		
	Inocart VT, Inocart H		
(3) **Applicable Directives**	**2014/34/UE ATEX Directive**	(4) **Marking**	Ex II 3 D Ex h IIIC T100°C Dc
		(5) **Harmonised standards**	EN 80079-36 : 2016 EN 80079-37 : 2016
		(6) **Conformity assessment procedure**	Module A Technical Documentation
	2006/42/CE Machinery Directive	(5) **Harmonised standards**	EN ISO 1200 : 2010
(7) **This declaration of conformity is issued under the sole responsibility of the manufacturer.**			

Director of the MEYLAN site - Executive Management (EM)

Richard WLODARCZYK

DocuSigned by:
Richard Wlodarczyk
9900D9C0034B4A2...

Established in Meylan, on 24-avr.-23 | 10:41 CEST

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UE DECLARATION OF CONFORMITY

(1)	Le Fabricant déclare que le matériel désigné ci-après est conforme à la législation d'harmonisation de l'Union applicable suivante/ Der Hersteller erklärt, dass das nachfolgend bezeichnete Material den folgenden anwendbaren Harmonisierungsrechtsvorschriften der Union entspricht / El fabricante declara que el equipo designado a continuación es conforme con la siguiente legislación de armonización de la UE aplicable / Il fabbricante dichiara che l'attrezzatura designata di seguito è conforme alla seguente legislazione di armonizzazione UE applicabile / O Fabricante declara que o equipamento designado abaixo está em conformidade com a seguinte legislação de harmonização aplicável da UE / Producent deklaruje, że urządzenie wskazane poniżej jest zgodne z następującymi obowiązującymi przepisami harmonizacyjnymi UE/ De fabrikant verklaart dat de hieronder beschreven apparatuur in overeenstemming is met de volgende toepasselijke EU-harmonisatiewetgeving/ Výrobce prohlašuje, že níže uvedené zařízení je ve shodě s těmito platnými harmonizačními právními předpisy EU/ Výrobce prohlašuje, že níže uvedené zařízení je ve shodě s těmito platnými harmonizačními právními předpisy EU/ Producenten erklærer, at det nedenfor angivne udstyr er i overensstemmelse med følgende gældende EU-harmoniseringslovgivning/ Valmistaja vakuuttaa, että jäljempänä mainitut laitteet ovat seuraavien sovellettavien EU:n yhdenmukaistamislainsäädäntöjen mukaisia./ Tootja kinnitab, et allpool nimetatud seadmed vastavad järgmistele kohaldatavatele ELi ühtlustamise õigusaktidele./ Ražotājs apliecina, ka turpmāk norādītās iekārtas atbilst šādiem piemērojamiem ES saskaņošanas tiesību aktiem./ Gamintojas pareiškia, kad toliau nurodyta įranga atitinka šiuos taikytinus ES derinamuosius teisės aktus/ Производителят декларира, че посоченото по-долу оборудване е в съответствие със следното приложимо законодателство на ЕС за хармонизация/ A gyártó kijelenti, hogy az alább megjelölt berendezés megfelel a következő alkalmazandó uniós harmonizációs jogszabályoknak / Producătorul declară că echipamentul desemnat mai jos este în conformitate cu următoarea legislație de armonizare a UE aplicabilă/ Ο κατασκευαστής δηλώνει ότι ο εξοπλισμός που αναφέρεται κατωτέρω συμμορφώνεται με την ακόλουθη ισχύουσα νομοθεσία εναρμόνισης της ΕΕ/ Proizvođač ovime izjavljuje da je oprema u skladu sa zakonskim zahtjevima Ujedinjene Kraljevine./ Výrobca vyhlasuje, že nižšie uvedené zariadenie je v súlade s týmito platnými harmonizačnými právnymi predpismi EÚ/ Proizvajalec izjavlja, da je spodaj navedena oprema skladna z naslednjo veljavno usklajevalno zakonodajo EU/ Производитель заявляет, что указанное ниже оборудование соответствует следующим применимым законодательным актам ЕС по гармонизации/ 製造者は、以下に指定された装置が、適用される以下のEU調和法に適合していることを宣言する。/ **制造商声明，下面指定的设备符合以下适用的欧盟协调立法。**
(2)	Type d'équipement/ Art der Ausrüstung/ Tipo de equipo/ Tipo di attrezzatura/ Tipo de equipamento/ Rodzaj sprzętu/ Type uitrusting/ Typ zařízení/ Typ av anordning/ Type af anordning/ Laitteen tyyppi/ Seadme tüüp/ Iekārtas tips/ Įrangos tipas/ Вид оборудване/ A berendezés típusa/ Tipul de echipament/ Τύπος εξοπλισμού/ Vrsta opreme/ Typ zariadenia/ Vrsta naprave/ Тип оборудования/ 機器の種類/ 设备类型
(3)	Directives applicables/Anwendbare Richtlinien/Directivas aplicables/Direttive applicabili/Directivas aplicáveis/Obowiązujące dyrektywy/Toepasselijke richtlijnen/Platné směrnice/Tillämpliga direktiv/Gældende direktiver/Sovellettavat direktiivit/Kohaldatavad direktiivid/Piemērojamās direktīvas/Taikomos direktyvos/Приложими директиви/Alkalmazandó irányelvek/Directive aplicabile/Ισχύουσες οδηγίες/Primjenjive smjernice/Uplatniteľné smernice/Veljavne direktive/Применимые директивы/**適用される指令/适用的指令**
(4)	Marquage/Markierung/Marcado/Marcatura/Marcação/Znakowanie/Markering/Označení/Märkning/Mærkning/Merkintä/Märgistus/Marķējums/Ženklinimas/Маркировка/Jelölés/Marcare/Σήμανση/Obilježava/Označovanie /Označevanje/Маркировка/**マーキング** / 标识
(5)	Normes harmonisées/Harmonisierte Normen / Normas armonizadas/ Norme armonizzate/Normas harmonizadas /Normy zharmonizowane /Geharmoniseerde normen /Harmonizované normy /Harmoniserade standarder /Harmoniserede standarder /Yhdenmukaistetut standardit /Harmoneeritud standardid /Saskaņotie standarti /Suderinti standartai /Хармонизирани стандарти /Harmonizált szabványok / Standarde armonizate/ Εναρμονισμένα πρότυπα /Harmonizirani standardi /Harmonizované normy /Usklajeni standardi /Гармонизированные стандарты /**整合規格** /协调标准
(6)	Procédure d'évaluation de la conformité/Verfahren der Konformitätsbewertung/Procedimiento de evaluación de la conformidad/Procedura di valutazione della conformità/Procedimento de avaliação da conformidade/Procedura oceny zgodności/Conformiteitsbeoordelingsprocedure/Postup posuzování shody / Förfarande för bedömning av överensstämmelse/Procedure for overensstemmelsesvurdering /Vaatimustenmukaisuuden arviointimenettely / Vastavushindamismenetlus/Atbilstības novērtēšanas procedūra /Atitikties vertinimo procedūra /Процедура за оценка на съответствието /Megfelelőségértékelési eljárás / Procedura de evaluare a conformității/Διαδικασία αξιολόγησης της συμμόρφωσης /Postupak ocjene usklađenosti /Postup posudzovania zhody /Postopek ugotavljanja skladnosti /Процедура оценки соответствия / **適合性評価手順/ 符合性评估程序**
(7)	Cette déclaration de conformité est délivrée sous la seule responsabilité du fabricant. / Diese Konformitätserklärung wird unter der alleinigen Verantwortung des Herstellers ausgestellt./ Esta declaración de conformidad se emite bajo la única responsabilidad del fabricante./ Questa dichiarazione di conformità è rilasciata sotto la sola responsabilità del produttore./ Esta declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante./ Niniejsza deklaracja zgodności została wydana na wyłączną odpowiedzialność producenta./ Deze verklaring van overeenstemming wordt afgegeven onder de uitsluitende verantwoordelijkheid van de fabrikant./ Toto prohlášení o shodě je vydáno na výhradní odpovědnost výrobce./ Denna försäkran om överensstämmelse utfärdas på tillverkarens eget ansvar. / Denne overensstemmelseserklæring er udstedt på producentens eget ansvar./ Tämä vaatimustenmukaisuusvakuutus annetaan valmistajan yksinomaisella vastuulla./ Käesolev vastavusdeklaratsioon on välja antud tootja ainuvastutusel./ Šī atbilstības deklarācija ir izdota uz ražotāja atbildību./ Už šią atitikties deklaraciją atsako tik gamintojas./ Настоящата декларация за съответствие се издава на пълната отговорност на производителя./ Ezt a megfelelőségi nyilatkozatot a gyártó kizárólagos felelőssége mellett adjuk ki./ Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului./ Η παρούσα δήλωση συμμόρφωσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή./ Ova izjava o sukladnosti izdaje se isključivo pod odgovornošću proizvođača./ Toto vyhlásenie o zhode sa vydáva na výhradnú zodpovednosť výrobcu./ Za to izjavo o skladnosti je odgovoren izključno proizvajalec./ Din id-dikjarazzjoni ta' konformità għandha tinħareġ taħt ir-responsabbiltà unika tal-manifattur./ Данная декларация соответствия выдана под исключительную ответственность производителя./ **この適合宣言は、製造者の単独責任のもとで発行されています。/本符合性声明由制造商全**权负责发布。

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UK DECLARATION OF CONFORMITY

(1) **The manufacturer herewith declares that the equipment is in conformity with the relevant Union harmonization legislation.**

(2)**Equipment type**	Chariot poudre / Powder cart		
	Inocart VT, Inocart H		
(3) **Applicable Directives**	2016 No. 1107	(4) **Marking**	Ex II 3 D Ex h IIIC T100°C Dc
		(5) **Designated standards**	EN 80079-36 : 2016 EN 80079-37 : 2016
		(6) **Conformity assessment procedure**	Module A Technical Documentation
	2008 No. 1597	(5) **Designated standards**	EN ISO 1200 : 2010
(7) **This declaration of conformity is issued under the sole responsibility of the manufacturer.**			

Director of the MEYLAN site - Executive Management (EM)

Richard WLODARCZYK

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Richard Wlodarczyk
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Established in Meylan, on 24-avr.-23 | 10:41 CEST

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(2)	Type d'équipement/ Art der Ausrüstung/ Tipo de equipo/ Tipo di attrezzatura/ Tipo de equipamento/ Rodzaj sprzętu/ Type uitrusting/ Typ zařízení/ Typ av anordning/ Type af anordning/ Laitteen tyyppi/ Seadme tüüp/ Iekārtas tips/ Įrangos tipas/ Вид оборудване/ A berendezés típusa/ Tipul de echipament/ Τύπος εξοπλισμού/ Vrsta opreme/ Typ zariadenia/ Vrsta naprave/ Тип оборудования/ 機器の種類/ 设备类型
(3)	Directives applicables/Anwendbare Richtlinien/Directivas aplicables/Direttive applicabili/Directivas aplicáveis/Obowiązujące dyrektywy/Toepasselijke richtlijnen/Platné směrnice/Tillämpliga direktiv/Gældende direktiver/Sovellettavat direktiivit/Kohaldatavad direktiivid/Piemērojamās direktīvas/Taikomos direktyvos/Приложими директиви/Alkalmazandó irányelvek/Directive aplicabile/Ισχύουσες οδηγίες/Primjenjive smjernice/Uplatniteľné smernice/Veljavne direktive/Применимые директивы/**適用される指令/适用的指令**
(4)	Marquage/Markierung/Marcado/Marcatura/Marcação/Znakowanie/Markering/Označení/Märkning/Mærkning/Merkintä/Märgistus/Marķējums/Ženklinimas/Маркировка/Jelölés/Marcare/Σήμανση/Obilježava/Označovanie /Označevanje/Маркировка/**マーキング** / 标识
(5)	Normes désignées/Bezeichnete Normen /Normas designadas /Norme designate /Normas designadas /Normy wyznaczone / Aangewezen normen/Určené normy /Utpekade standarder /Udpegede standarder /Nimetyt standardit /Määratud standardid /Izraudzītie standarti /Paskirtieji standartai /Определени стандарти /Kijelölt szabványok /Standarde desemnate /Καθορισμένα πρότυπα /Određeni standardi /Určené normy / Določeni standardi /Назначенные стандарты /**指定された規格 /指定的**标准
(6)	Procédure d'évaluation de la conformité/Verfahren der Konformitätsbewertung/Procedimiento de evaluación de la conformidad/Procedura di valutazione della conformità/Procedimento de avaliação da conformidade/Procedura oceny zgodności/Conformiteitsbeoordelingsprocedure/Postup posuzování shody / Förfarande för bedömning av överensstämmelse/Procedure for overensstemmelsesvurdering /Vaatimustenmukaisuuden arviointimenettely / Vastavushindamismenetlus/Atbilstības novērtēšanas procedūra /Atitikties vertinimo procedūra /Процедура за оценка на съответствието /Megfelelőségértékelési eljárás / Procedura de evaluare a conformității/Διαδικασία αξιολόγησης της συμμόρφωσης /Postupak ocjene usklađenosti /Postup posudzovania zhody /Postopek ugotavljanja skladnosti /Процедура оценки соответствия / **適合性評価手順/ 符合性评估程序**
(7)	Cette déclaration de conformité est délivrée sous la seule responsabilité du fabricant. / Diese Konformitätserklärung wird unter der alleinigen Verantwortung des Herstellers ausgestellt./ Esta declaración de conformidad se emite bajo la única responsabilidad del fabricante./ Questa dichiarazione di conformità è rilasciata sotto la sola responsabilità del produttore./ Esta declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante./ Niniejsza deklaracja zgodności została wydana na wyłączną odpowiedzialność producenta./ Deze verklaring van overeenstemming wordt afgegeven onder de uitsluitende verantwoordelijkheid van de fabrikant./ Toto prohlášení o shodě je vydáno na výhradní odpovědnost výrobce./ Denna försäkran om överensstämmelse utfärdas på tillverkarens eget ansvar. / Denne overensstemmelseserklæring er udstedt på producentens eget ansvar./ Tämä vaatimustenmukaisuusvakuutus annetaan valmistajan yksinomaisella vastuulla./ Käesolev vastavusdeklaratsioon on välja antud tootja ainuvastutusel./ Šī atbilstības deklarācija ir izdota uz ražotāja atbildību./ Už šią atitikties deklaraciją atsako tik gamintojas./ Настоящата декларация за съответствие се издава на пълната отговорност на производителя./ Ezt a megfelelőségi nyilatkozatot a gyártó kizárólagos felelőssége mellett adjuk ki./ Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului./ Η παρούσα δήλωση συμμόρφωσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή./ Ova izjava o sukladnosti izdaje se isključivo pod odgovornošću proizvođača./ Toto vyhlásenie o zhode sa vydáva na výhradnú zodpovednosť výrobcu./ Za to izjavo o skladnosti je odgovoren izključno proizvajalec./ Din id-dikjarazzjoni ta' konformità għandha tinħareġ taħt ir-responsabbiltà unika tal-manifattur./ Данная декларация соответствия выдана под исключительную ответственность производителя./ **この適合宣言は、製造者の単独責任のもとで発行されています。/本符合性声明由制造商全**权负责发布。

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