



DRIVING SURFACE PERFECTION™

INSTALLATION AND OPERATING MANUAL CUSTOM CAN ELECTRIC MULTI FILL MACHINE

Purpose of the Manual

The manual has the aim of providing the operator with information on the fundamental criteria and instructions to follow during the use and maintenance of the machine. Before starting the machine, the operator must read and understand the instructions contained in the manual. The manual must be kept for the future use until disposal of machine.

Introduction

This manual is for the Custom Can Electric Multi Fill Machine, the unit is used for filling Custom Can Aerosol Cans with Paint. This new machine is efficient, quiet and safe. This fully automatic unit features a timer to pump the required amount of material into each can. Only Custom Can Aerosol Cans that are the correct quality cans must be used and care taken to measure the required amount via the timer to ensure no overfilling occurs as this can cause the can to fail.

Through the correct use and mix of solvent, propellant and thinner and using the correct paint systems you will achieve an excellent professional product.



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Specifications

<i>Technical Data</i>	
Voltage supply	110v 60Hz for US / 230v 50Hz for Rest of the World
Motor	Motor 0.12Kw
Body	Body Stainless Steel
Hopper	5L Hopper
Timer	Timer Variable
Intrinsically Safe	Intrinsically Safe Hazardous area
Machine dimensions	Width = 25cm Depth = 33cm Height = 53.5cm
Machine weight	34Kg



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Important Safety Instructions



Attention! Before installing the equipment and setting it in operation, please read the instructions carefully.

The manufacturer accepts no liability if the instructions below are not followed:

1. This equipment must not be used by untrained or unauthorised personnel. For training please refer to the U-POL website or contact your local U-POL representative.
2. If the machine has been damaged (during transport, for example), do not attempt to set it in operation. When in doubt, please contact U-POL Ltd.
3. The equipment should be positioned and connected up in strict accordance with the installation instructions.
4. The machine is only for indoor use under ambient temperature (5 - 40°C / 41- 104°F) and pressure.
5. All local safety regulations should be observed.
6. The machine may be connected only to a 110v 60Hz or 230v 50Hz supply depending on configuration sold.
7. Users should see to it that the machine is kept in good condition. Defective components should be reported to U-POL Ltd.
8. All service activities (other than routine maintenance and adjustments) may only be carried out by qualified technicians. See to it that the electrical supply is isolated while repairs are being carried out.
9. The machine is only to be used for filling specified aerosol cans supplied by U-POL Ltd.



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Special Conditions for Safe Use

1. Direct impact from foreign object is unlikely to occur; however, the equipment shall be protected from mechanical impact in service by location or suitable guarding.
2. Care must be taken to earth the equipment appropriately.
3. Care should be taken not to store an electrostatic discharge under normal conditions of use, and during maintenance and cleaning times.
4. At regular intervals and/or as specified by the manufacturer, appropriate cleaning cycles shall be carried out to ensure no dust deposits are not trapped between rotating elements of the equipment.
5. Covers and/or enclosures must be checked regularly to ensure it is in good condition.



Attention! Prohibit Smoking, no fire or naked light. Sufficient ventilation is Required. ALL FIRE Regulations must be followed.



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Electrical Installation

The machine is controlled by sensitive electronic components and requires care when handling.



The Aerosol machine must only be connected to a 110v 60Hz or 230v 50Hz supply and connection must be via safe installation in accordance with the local laws.

The power supply source should be from a separate clean supply, preferably run direct from the distribution board, but in any event not connected to inductive loads, i.e. fluorescent lights, motors or transformer, as these devices generate very high level spikes and could damage the machine. The machine must be grounded (earthed). In the event of an electrical short circuit, earthing reduces the risk of electric shock. The machine is equipped with a cable having a ground (earth) wire. Inspect the mains lead for any damage before fitting an approved mains plug with an earth pin.



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Operation

The Aerosol unit has a hopper which can hold 5L of paint. A typical can requires 100ml of paint. To set the timer to ensure the correct dose, turn the timer to position 2 and dose into the empty measuring cup. Adjust timer as necessary to achieve 100ml. With the time set you know that 100ml will be pumped each time so now you can fill multiple cans of the same colour.

Place the aerosol can (nozzle removed) on the platform and pull the handle upwards to locate can against coupling on pump. The handle must be fully locked and can tight in position. Switch on the unit and it will pump the paint in the hopper into the can. The can should be weighed to ensure correct fill level.

Timer is on top of Unit. You select time and adjust after testing the pump to reach 100ml. It is deliberately positioned away from ON/Off switch to prevent accidental movement when running multiple can fills.



On Off switch on side panel is used when you have set time to correct level for 100ml paint. You switch on and machine will pump and at end of cycle stops then very small reverse action. Now switch off and remove can and then repeat process.

NOTE: If you forget to switch off after a cycle then put a new can in and switch off-on it may not always start cycle. Wait a few seconds and try again.



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Cleaning the Aerosol Machine

To clean the unit after use add suitable thinners to the hopper. A brush can be used to stir thinners around inside the hopper to remove residue from sides. Add an empty cleaning can as you would a normal aerosol can in place under pump. Run the machine as you would to fill a normal can and repeat the process until the machine is clean. Empty cleaning can as per correct environmental disposal procedure. To ensure no foreign particles are in the hopper, for the final clean a lint free cloth may be used to wipe it down.

The body can be cleaned with a lint free cloth and cleaning solvent.



Attention! Moving parts can cause severe injury. Please DO NOT try to access any parts during filling cycle.

Maintenance

When properly operated the Custom Can Electric Multi Fill Machine is virtually maintenance free. Simply keep the machine clean, paint spills on the machine surfaces can be cleaned away using a cloth and mild detergent or thinners.



Attention! When cleaning or carrying out any maintenance work always isolate the machine from the mains power supply.