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TOP CLEANER 1010 P30003.1

INSTRUCTION AND SERVICING MANUAL

CE MARKING

ATEX CLASSIFICATION  II 3 GD



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TO ENSURE THE BEST PERFORMANCE FROM YOUR MACHINE READ THIS MANUAL CAREFULLY.



2 CHARACTERISTICS OF THE MACHINE

2.1 LIMITS OF THE MACHINE

The machine which this manual describes is suitable for washing mechanical parts manually. The detergent liquid used should be solvent-based.

2.2 DESCRIPTION AND CHARACTERISTICS OF THE MACHINE

The machine is made entirely from AISI 304 steel.

Washing of the mechanical parts using the flow-through brush and the air gun is fully pneumatic and manual.

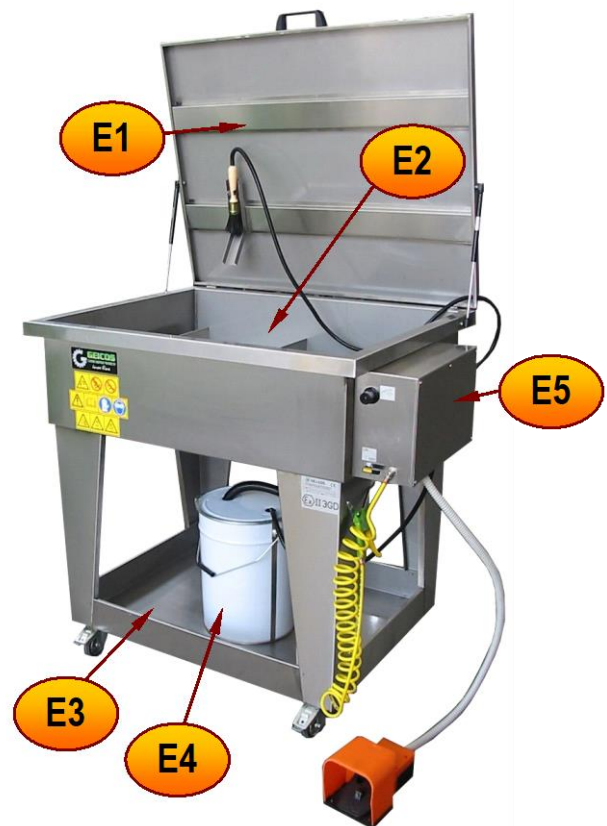
The machine is composed of a washing tank for spare parts with respective upper door and a service drum containing the washing liquid which recirculates the same liquid used for washing operations.



Weight	30 kg
Height	1100 mm
Width	1120 mm
Depth	800 mm
Load weight	30 kg
Height of worktop	860 mm
Air pressure supply	6/10 bar
Service drum capacity	25 lt

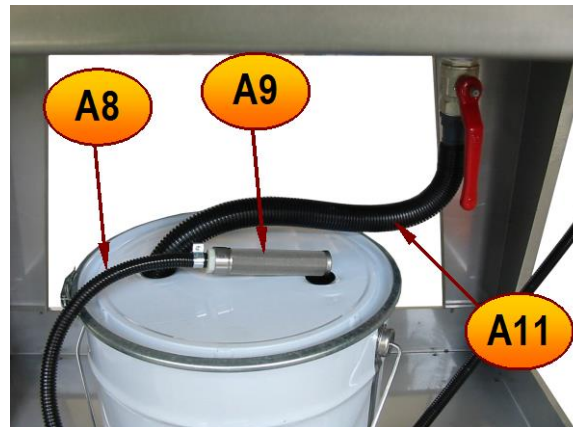
2.3 MAIN PARTS OF THE MACHINE (E)

MAIN PARTS OF THE MACHINE
E1) Upper door of washing tank
E2) Washing tank
E3) Base
E4) Service drum
E5) Control board



2.4 MAIN COMPONENTS OF THE MACHINE (A)





MAIN COMPONENTS OF THE MACHINE	
A1)	Safety symbols
A2)	CE plate
A3)	ATEX plate
A4)	Brush holder clip
A5)	Quick air coupling
A6)	Air gun connection
A7)	Wheels
A8)	Washing liquid suction pipe of brush
A9)	Washing liquid suction filter of brush
A10)	Washing grid
A11)	Tank drain pipe

2.5 MAIN MACHINE CONTROLS (C)



MAIN MACHINE CONTROLS	
C1)	Flow-through brush
C2)	Air spray gun gun
C3)	Brush foot-control
C4)	Drain stopcock of washing tank
C5)	Pump pressure regulator
C6)	Wheel brake
C7)	ON/OFF brush switch



2.6 PUTTING INTO SERVICE

Here are described the operations for connecting the machine to the compressed air supply and the position of the pipes inside the service drum.

1. Connect the end of the earth cable supplied with the machine and marked yellow/green to a screw on the machine, and the side with the free terminal to the earth contact of the electrical system.
2. Make sure that the *ON/OFF brush* switch is in the OFF position (horizontal position).
3. Connect the machine's *quick air coupling* to the compressed air supply line (max. 10 bar).
4. Fill the *service drum* with washing liquid and close it carefully. The washing liquid may be chosen by the user, follow the manufacturer's instructions as regards the dose.
5. Put the service *drum* below the washing tank at the bottom of the base.
6. Put the *suction pipe into the service drum opening*.
7. Put the *drain pipe into the service drum opening*.
8. Place the *washing grid inside the washing tank*.





3 OPERATING INSTRUCTIONS

3.1 MANUAL CLEANING WITH BRUSH

Position the mechanical parts on the washing grid. Turn on the *ON/OFF Brush switch*. Push the foot-control to dispense the washing liquid in the drum from the brush.

Turn the *pressure regulator* to set the flow of the brush.

When the parts have been washed, turn off the *ON/OFF brush switch* and put the brush back on its brush holder clip

The machine recirculates the liquid inside the drum. Keep the *tank drain stopcock* open during continuous functioning

The machine is equipped with an air spray gun for the drying operations of spare parts. The air spray gun functioning does not depend on the *ON/OFF brush switch*.

Close the upper door when finished.



4 TROUBLESHOOTING

Occasionally poor functioning of the machine may occur. In such cases refrain from using the machine and arrange for the necessary maintenance before incurring in risk of accident or damage.

Call the manufacturer for any information or if in doubt before intervening.

Below is a list of possible malfunctions, causes and remedies:

Malfunction	
Cause	Remedy
The air gun does not spray air	
<ul style="list-style-type: none">- <i>The compressed air supply of the machine is disconnected;</i>- <i>The stop valve on the compressed air supply is closed;</i>	<ul style="list-style-type: none">- <i>Connect the machine to the compressed air supply;</i>- <i>Open the stop valve on the compressed air supply;</i>
The brush does not spray washing liquid	
<ul style="list-style-type: none">- <i>The compressed air supply of the machine is disconnected;</i>- <i>The stop valve on the compressed air supply is closed;</i>- <i>The suction pipes are blocked.</i>	<ul style="list-style-type: none">- <i>Connect the machine to the compressed air supply;</i>- <i>Open the stop valve on the compressed air supply;</i>- <i>Remove the head of the brush and cover the end of the tube to make air go down it in the opposite direction.</i>



5 MAINTENANCE

The maintenance of the machine must be carried out by qualified staff, following the instructions in this manual. Detach the pneumatic supply before carrying out maintenance or repair operations.

The adhesive warning, obligatory and prohibited operations labels and the plates attached to the machine indicating prohibitions and warnings are strictly essential. In case of damage or illegibility, the labels must be replaced immediately.

Caution! Periodically clean the entire machine with suitable detergent products.

The table below indicates the frequency of the scheduled maintenance operations to be carried out on the machine:

MAINTENANCE OPERATION	FREQUENCY
5.1 – Cleaning of the washing grid	1 DAY
5.2 - Overall cleaning of the machine	1 WEEK
5.3 - Cleaning of the suction filter	2 WEEKS
5.4 - Replacing the brush head	4-6 MONTHS

Extraordinary maintenance operations should only be performed by specialised staff: contact the manufacturer for any extraordinary maintenance required.

Extraordinary maintenance operations are those listed in the table above.

Periodically check that the safety devices are functional and undamaged, any deposits should be regularly removed from the drains and command valves.

The safety symbols (labels) must be visible and clean at all times and immediately replaced should they become deteriorated, damaged or removed.

It is strictly forbidden to perform any operations with the machine unless all the labels are visible or if they have been inadvertently moved from their original position.

The chapters below describe the relative procedures for the maintenance operations referred in the table.

5.1 CLEANING THE WASHING GRID

Cleaning the washing grid every day by using a cloth bathed in diluents.

5.2 OVERALL CLEANING OF THE MACHINE

Clean the entire machine every week with water. If there are patches of paint that are particularly difficult to remove, use a spatula to scrape them off.

5.3 CLEANING THE SUCTION FILTER

Clean the suction filter connected to the suction hose every 2 weeks, following the instructions below:



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1. unscrew the suction filter from its suction hose;
2. blow some air into the suction filter with an air blow gun;
3. connect the suction filter to its hose.

5.4 REPLACING THE BRUSH HEAD

Check the condition of the brush head every 4-6 months and if it is damaged or unusable, unscrew the head and replace it with a new part of the same type.