OPERATING AND MAINTENANCE MANUAL

SERIE - SERIES 70-25

AlbaChem HydroSolv. Cleaning Station



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General Information

INTRODUCTION

This manual has been created to help the user understand and learn to use the machine correctly.For this reason it is recommended that the manual be read **completely and with care** before using the machine. This manual instruction was written by the **ROTONDI GROUP S.r.l.** and is considered as **an integral part of the machine.** Every machine is supplied with its own instruction manual. The user is responsible for the safekeeping this manual for the total period of the machine working life, and the manual must be kept in a safe place and destroyed only when the machine has been demolished.

ROTONDI GROUP S.r.l. will not be held responsible for any modifications not included in this manual, or for any tampering with this manual, or with the machine, after the machine has been delivered to the customer. The manufacturer reserves all rights to the contents of this manual and all reproduction, whether total or partial is strictly prohibited under any form (printing, photocopying, microfilming, or other means) as well as computer processing or diffusion by electronic means to any physical or legal parties without authorisation and registration.

AIM OF THIS DOCUMENT

The aim of this manual is to provide the user with all the information and advice necessary for correct machine use. All instructions must be obeyed scrupulously to ensure the protection of the operator against all danger, for this reason, the user is advised to:

- Keep this manual easily accessible at all times for reference, and to ensure that all personnel using the machine have and understood the manual completely.
- The manual must be included with the machine if sold or exchanged and given to the next user.

MANUAL USE AND SAFEKEEPING

This manual has been written for the machine user, and for all the personnel in charge of transport and handling, installation, use, supervision, maintenance and demolition.

This manual provides all instructions on machine use according to the project and technical features, for handling, adequate and safe installation, assembly setting, tuning and use. It also provides all instructions for maintenance operations, how to order spare parts, and provides warning advice on possible additional danger risks. In particular, the manual must be readily available for the following information:

- working conditions for machine use;
- the operator's work control position;
- as well as instructions concerning:
- setting up;
- use;
- transport;
- installation;
- assembly and disassembly;
- setting and tuning interventions;
- repairs and maintenance;
- possible training instructions.

INTRODUCTION

RESPECTING CURRENT LEGISLATION

As well as the rules included in this manual, all current specific safety standards against danger in the work area must be correctly observed.

SAFEKEEPING OF THE MANUAL

This manual is considered as being part of the machine and must be kept safely and in good condition for the whole period the machine is used.
It must be kept in a safe dry place out of sunlight, readily available and accessible for reference near the machine at all times.

INFORMATION FOR THE USER

1- This manual describes the current technical level of the machine and cannot be considered incomplete if the machine is upgraded as a result of new know-how.
2- The manufacturer reserves the right to update the machine and this manual without the necessity to update previous models and manuals.
3- The materials used on this machine can be modified at any time as a result of technical evolution without prior notice.
4- In the case where the machine supplied to the customer is not equipped with electrical controls and protection (electrical control panel on the machine), the manufacturer assumes no responsibility concerning safety protection from electrical parts which are not in compliance with instructions provided and recommended in this manual. In all cases the current safety standards concerning electrical parts for accessory machine equipment are the sole responsibility of the customer who must provide for their correct standard and suitability for the use in question.
5- The manufacturer will not be held responsible for any damage or injury as a result of:
   - incorrect machine use;
   - use by untrained personnel;
   - inappropriate use not included in these instructions;
   - use contrary to current legislation and safety standards;
   - use with faulty main line supply;
   - use in the case of serious lack of maintenance;
   - use after unauthorised changes or interventions (changes without written authorisation from manufacturer);
   - use with non original spare parts or parts not specifically recommended for the machine
   - use after disregarding either totally or partially specific instructions provided in this manual.
6. - The general sales guarantee is not valid in the following cases:
   - bad maintenance;
   - problems as a result of incorrect use;
   - use by inexperienced personnel;
   - excessive use over machine performance limits;
   - excessive mechanical, electrical or pneumatic strain;
   - use when the machine is not in good performing condition (point 5).

INTRODUCTION

REQUEST FOR ADDITIONAL COPIES OF THE MANUAL

Eventual requests for other copies of this document must be ordered to **Albatross USA INc.**

COUNTER-INDICATIONS AND DANGER DERIVING FROM A FORBIDDEN USE

- The machine has not been built to work in a place with deflagration risks. It is therefore absolutely forbidden to use the machine in an atmosphere with explosion risks.
- For any forbidden use of the machine, the User must contact the Builder about any possible counter- indications or dangers deriving from the machine misuse.
- For any modification to be made to the machine once it has left its building site, the User must contact the Builder about any risks the modifications could entail and about their compliance with the Legislation in force.
- Any modification brought to the machine by the buyer or user will immediately void the certification of conformity.

⚠ WARNING!

The Manufacturer reserves the right to modify the machine, for any reason of a technical or commercial nature, without the obligation of prior warning to its customers. The Manufacturer shall not be held responsible for any inconveniences, damages and breakage, injuries resulting from:

- total or partial knowledge of the machine and its operation;
- incomplete application of norms on usage and safety established in the present catalogue;
- erroneous manoeuvres;
- lack of maintenance;
- maintenance interventions carried out by non qualified personnel;
- natural disasters.

⚠ IMPORTANT!

The operator, or whoever is responsible for the machine's use and maintenance, is severely cautioned against bring about any modifications or variations to the machine and the present maintenance and operating manual without the manufacturer's prior consent.

☞NOTE!

ROTONDI GROUP S.r.l warns its customers that any reference to objects or products of a specific brand are not binding, and that discrepancies may exist with what is effectively adopted on the machine. The graphic documentation employed is therefore utilized purely for indicative purposes.

REFERENCE TO NORMS

Indications contained in the following documents were used in the compilation of the present manual:

- **UNI EN ISO 10472-1:2009**
  Safety requirements for industrial laundry machinery - Part 1 Common requirements
- **UNI EN ISO 12100:2010**
  Safety of machinery - General principles of design Risk assessment and risk reduction
- **UNI EN ISO 12464-1:2011** Light and lighting for workplaces. Part 1: internal jobs
- **CEI EN 60204.1:2018**
  Safety of machinery - Electrical equipment of machines - Part 1: General rule
- **DIRECTIVE 2006/42/CE**
  Machine Directive
- **DIRECTIVE LVD 2014/35/UE**
  Low voltage directive: standards applied EN 60335-1
- **DIRECTIVE EMC 2014/30/UE**
  Electromagnetic compatibility: applied standards EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3
- **DIRECTIVE 2011/65/EU** on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Main Warnings and safety instruction

In order to work in the maximum safety conditions and **to avoid any dangerous situation and accident**, the operator must follow the operating instructions and regulations listed below. Disregarding safety instructions may entail both serious injuries to the operator and damages to the machine.

Carefully read this operating handbook before use. It provides important information about safe installation, use and maintenance of the machine. Carefully keep this handbook for consultation purposes up to the machine final dismantling



Disconnect the machine from the power line before any cleaning or maintenance activity.



ANY MODIFICATIONS BROUGHT TO THE MACHINE BY THE BUYER OR USER WILL IMMEDIATELY VOID THE CERTIFICATION OF CONFORMITY.

All maintenance and regulation operations described in the present operating manual are to be performed only after having firstly disconnected the machine from all of its power sources, unless otherwise indicated.



All the adjustment and replacement activities that are not described in this handbook must be carried out by qualified and skilled operators to avoid any accident or damage to the machine and to the operator.

Use and maintenance procedures must be correctly carried out; otherwise, the Builder cannot be held responsible for damages to people, animals or things deriving from the non-observance of the following instructions.

The installation must be carried out by skilled operators, according to the Builder's instructions.

Only skilled and qualified operators can use the machine.

Never leave the machine unattended.

The operators, although skilled, must comply with the instructions and the warnings contained in this handbook.

Main Warnings and safety instruction

Before starting installation operations, verify that your steam, air and electrical installations conform to the machine's connections. All necessary installation specifications are reported on the machine's nameplate (see chap. 4.1).

The machine must be installed in a place where the best hygrothermometrical conditions are observed for the safety of the operator in order to reduce the possibility of fatigue to the minimum and to allow the operator to work in the maximum safety conditions.

The machine installation area will have to be well ventilated and free from explosive gases.

Make sure that the rating corresponds to the factory power line before energising the machine. The machine is electrically-safe only when properly grounded. In case of doubts, contact skilled operators for a thorough inspection.



In case of malfunctions and/or faulty operation, disconnect the machine from all of its power sources, without mishandling controls and equipment. For repairs, contact a service center authorized by the manufacturer, and request original spare parts.

During the machine functioning, it is strictly forbidden to remove the safety devices assembled by the builder on the machine in order to protect the operator while performing his tasks.



The builder has provided the machine with safety devices to protect the operator while performing his tasks. During the machine functioning, the safety devices must never be removed for any reason at all. On a daily basis, check to make certain all safety devices are operating perfectly.

The warning labels relating to residual risks must not be removed or damaged for any reason. The user is under the obligation of maintaining all warning labels legible, in order to guarantee their complete visibility for the operator. The user is also under the obligation of replacing all warning labels which for any reason have deteriorated or are no longer clearly visible, eventually asking for new labels.

Wear safety gloves and footwerar when operating the machine





Main Warnings and safety instruction

Any use of the machine other than the one it has been built for represents an anomalous condition, can cause serious damages to the operating means and entail a serious risk for the operator using it.

Once the machine reaches the User's factory, it must be cleaned wearing special protective gloves. To carry out maintenance and cleaning operations, be sure to wear the following personal safety gear: safety gloves, safety footwear, and eyeglasses.





The temperature of the machine installation area will have to range between 0 and 40°C.

For any adjustment, timing or replacement intervention not described in this handbook, contact the Builder or the Dealer qualified personnel.

It is possible to make various adjustments to adapt the machine to the various production needs.

To work, the machine requires only one operator. During its functioning no one except for the operator responsible for the machine use can stay near the machine or use it.



If the machine must be disarmed immediately for any reason whatsoever, turn the main switch to the 0 position (See chap. 8.1). Before any maintenance or replacement activity, remember to: disconnect the machine from all energy sources.



Only skilled operators, familiar with the technology used on the machine can carry out all the maintenance, replacement or servicing activities described in this handbook.

For any adjustment, timing or replacement interventions that are not described in this handbook and that turn out to be necessary, please contact the technical staff of the machine reseller or builder.

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Handling and transport

WARNING!



- Machine transport and handling operations must be carried out with personnel wearing proper safety footwear.



- Machine transport and handling operations must be carried out with personnel wearing proper safety gloves.



- Machine transport and handling operations must be carried out with personnel wearing proper safety helmets.

The transport and handling of the machine must be carried out by means of a forklift or a transpallet after having properly fixed it to a support pallet. This involves the intervention of an expert operator, assisted by a second person in charge of handling who from the ground will be able to check that the path to be traveled is free from obstructions. The machine is generally delivered packed in a cardboard box.



The Manufacturer recommends, especially for transport by sea, protecting the machine's various parts with antirust lubricants, and inserting packets of hygroscopic salts in the packing, so as to protect the machine from humidity.

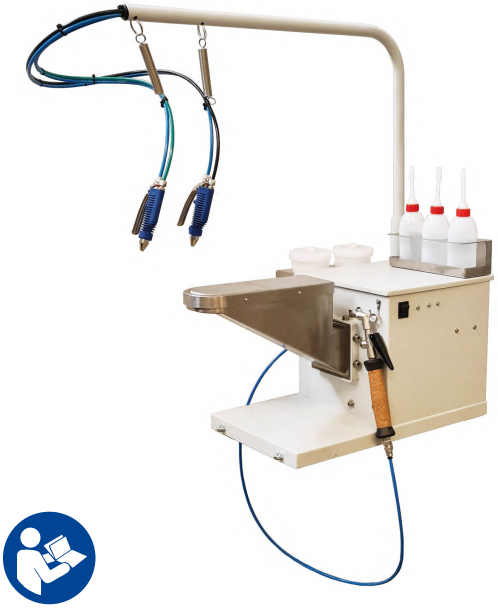
Once positioned on the truck (or any transport mean) the machine must be braced by ropes, steel cables or wooden wedged duly dimensioned according to the machine weight.

Check that both the machine and its components are undamaged when unpacking. Contact your Dealer in case of doubts.

General Description

Mini spotting table with stainless steel buck, built-in 0.18 HP vacuum motor, two chemical guns connected to the relative tanks, the positioning of which allows the operator greater ease of use during the stain removal phase. Air / dry guns and three dispensers for other chemicals. To be connected to compressed air. 120-230/1 / 50-60.
Optional: Support cart and activated carbon filter unit, to allow environmentally safe stain removal.

Figure chap. 1 "General views"





120 V - 230 V



Figure chap. 3.1 "Warning labels"

WARNING!

The warning labels relating to residual risks must not be removed or damaged for any reason.

The user is under the obligation of maintaining all warning labels legible, in order to guarantee their complete visibility for the operator.

The user is also under the obligation of replacing all warning labels which for any reason have deteriorated or are no longer clearly visible, eventually asking for new labels.

Technical Features

4.1 MACHINE CE PLATE

A metal plate indicating the name and address of ROTONDI GROUP S.r.l. company, the machine model, serial number and the CE mark is applied to the machine.

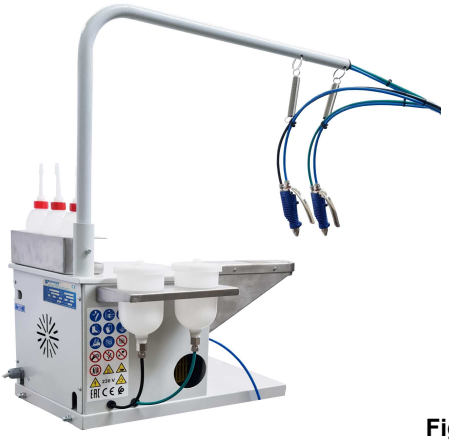


Figure chap. 4.1 "CE plate"



WARNING!

- **Before starting installation operations, verify that your steam, air and electrical installations conform to the machine's connections. All necessary installation specifications are reported on the machine's nameplate (see chap. 4.1).**
- **The machine must be installed in a place where the best hygrothermometrical conditions are observed for the safety of the operator in order to reduce the possibility of fatigue to the minimum and to allow the operator to work in the maximum safety conditions.**
- **The machine installation area will have to be well ventilated and free from explosive gases.**
- **The temperature of the machine installation area will have to range between 0 and 40°C.**

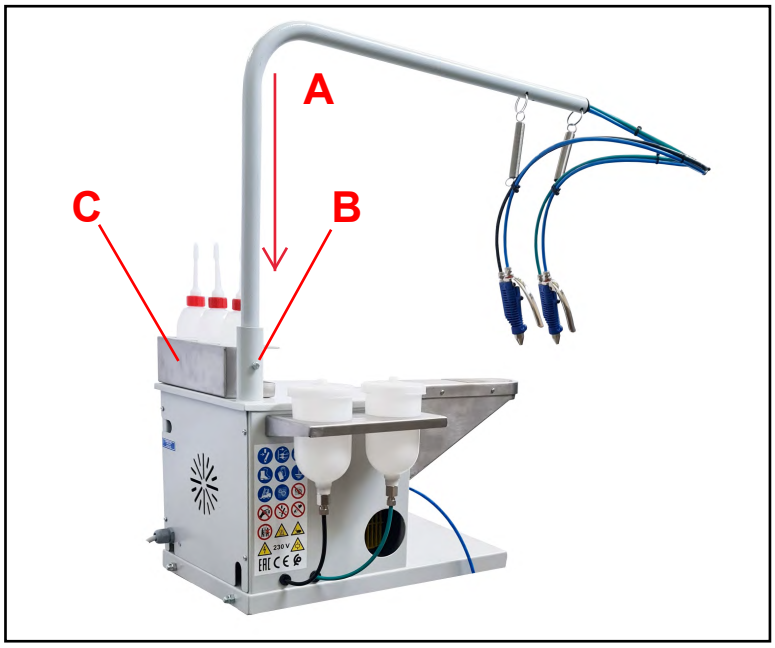
3.1 WARNING ABOUT THE ADDITIONAL RISKS

The following warning plates are applied to the machine:

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
It is obligatory to disconnect the machinery before performing maintenance or repairs		*Do not touch: live powered equipment*	
It is obligatory to disconnect the electricity		*It is forbidden to alter the state of the switch*	
It is obligatory to read the instructions		*It is forbidden to use water to put out fires*	
It is obligatory to wear safety shoes		*Permitted use by a single operator*	
It is obligatory to wear protective gloves		*It is forbidden to remove safety guards*	
Obligatory to make sure of the earth connection		Danger: electrical current	
It is *obligatory to check the status of the safety protections*		*Operating voltage*	**230 V** **120 V**
It is mandatory to wear a mask			

5.1 ASSEMBLING THE MINI SPOTTING TABLE

Upon receipt of the mini stain remover it is necessary to mount the gun support rod, shown in fig. to letter A, inserting it in its seat and tightening the locking screw indicated at letter B. Insert the 3 containers for liquids in the compartments provided, in the figure at letter C.



5.2 FREE SPACES TO BE OBSERVED

For a safe and correct use and an easy maintenance of the machine, it is advisable to install it in such a position that observes the minimum distances, expressed in millimetres, from the walls or big obstacles shown in the picture below.

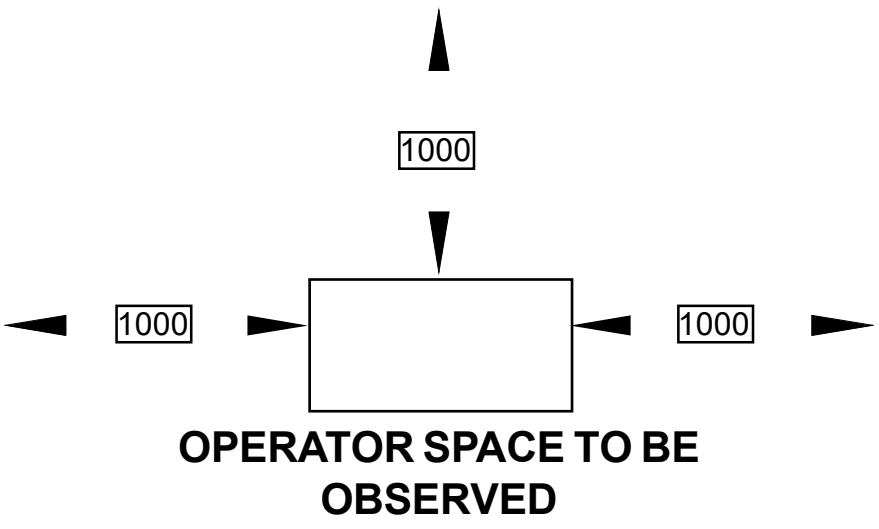
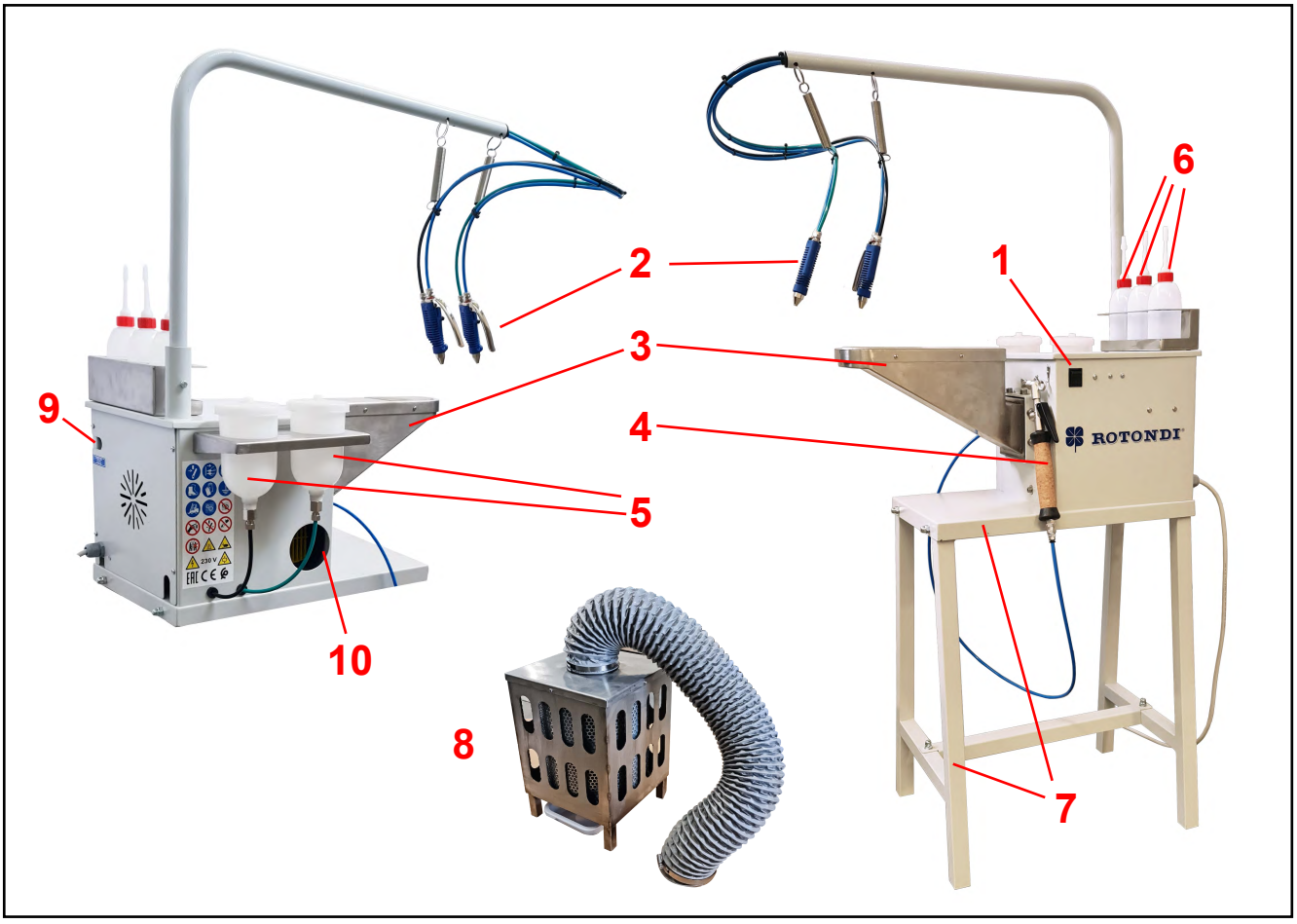


Figure chap. 5.2 "Schematic diagram"

5.3 VIEW WITH THE MACHINE MAIN REFERENCES



1. *VACUUM MAIN SWITCH*
2. *STAIN REMOVAL GUNS*
3. *STAINLESS STEEL REMOVER ARM*
4. *AIR GUN WITH LEVER*
5. *GUNS LIQUID CONTAINER*
6. *CONTAINER FOR STAIN REMOVAL PRODUCTS*
7. *OPTIONAL SUPPORT CART*
8. *OPTIONAL ACTIVATED CARBON FILTER*
9. *AIR INLET*
10. *AIR EXHAUST / ACTIVATED CARBON FILTER TUBE INLET*

6.1 PREPARATION OF THE MACHINE FOR ITS USE

Upon receipt of the machine in the user's factory, follow the instructions described below for its correct positioning:

- Unpack the machine and remove its protection wrapping.
- Lift the machine according to the instructions and warnings described in Chapter 4 "Handling and transport".
- Install the machine in the desired place.

6.2 ASSEMBLY OF THE MACHINE

Upon receipt of the mini spottong table, proceed with the unpacking of all the pieces by opening the box. It is necessary to assemble the gun support rod, for correct assembly see chap. 5.1.

6.3 PREVENTIVE CHECKS AND CONTROLS

Upon receipt of the machine, it is recommended to:

- verifying that the machine has been transported with care,and presents no visible defects. If damage to the machine or packaging is noted on arrival, it must be made note of on the delivery bill. The buyer should then follow the necessary steps in providing the shipping company a report and request for damages.

CLAIMS PROCEDURE

- All damage suffered by the machine during transport is the responsibility of the shipping company, given that the manufacturer carries out all shipments free ex works. In case of damage to goods, make note of it under "goods damaged during transport" on the shipping document, un pack the goods and send the request for damages to the shipping company.
- carry out a series of controls and preventative checks as described below.

6.3.1 CHECK OF THE DAMAGES CAUSED TO THE MACHINE DURING ITS TRANSPORTATION

In order to exactly evaluate the possible damages caused to the machine during its transportation, it is advisable to check the integrity of the following machine parts. In particular:

- check the integrity of the control pedals;
- check the integrity of the protections.

6.4 CLEANING AND LUBRICATION OF THE MACHINE

Carefully clean the machine upon its arrival at the User's factory and remove the dust, the foreign and dirtying substances that may have deposited on the machine during its transportation.

Connections and Preparation

Grease all the mechanical parts exposed to dust, especially in case of sea transport.

WARNING!

Once the machine reaches the User's factory, it must be cleaned wearing special protective gloves.

6.5 CONNECTION TO THE EXTERNAL POWER SOURCES

WARNING!

Only skilled operators can carry out the machine connection to the external power sources

6.5.1 POWER CONNECTION

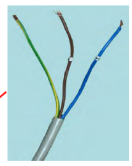
The machine is shipped with its electrical power cable unplugged. It is therefore necessary to connect the cable with a proper plug to a power socket on the main line, making certain the voltage and frequency correspond to the line voltage available at the User's manufacturing plant. The line voltage is 230 V/1/50-60 Hz.

☞NOTE !

The ground connection is very important.



Unplugged cable 230 V





3-pin 32A plug (not supplied)



American 3-pin plug (supplied) 120V

Connections and Preparation

6.5.2 COMPRESSED AIR CONNECTION

To carry out the compressed air, it is necessary to connect the pneumatic power line to the inlet located on the right side of the stain remover, behind which the connection on the 1/4" filter is placed. The pressure for the pneumatic system must be set at 7/10 bar.

WARNING!

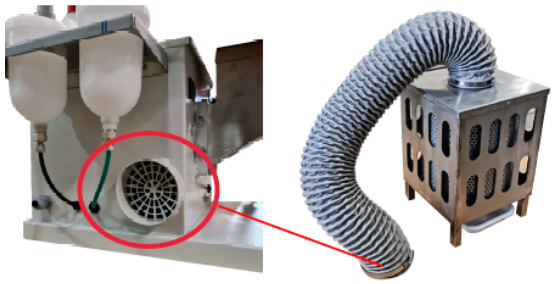
- **The supply pressure must be 7/10 bar.**

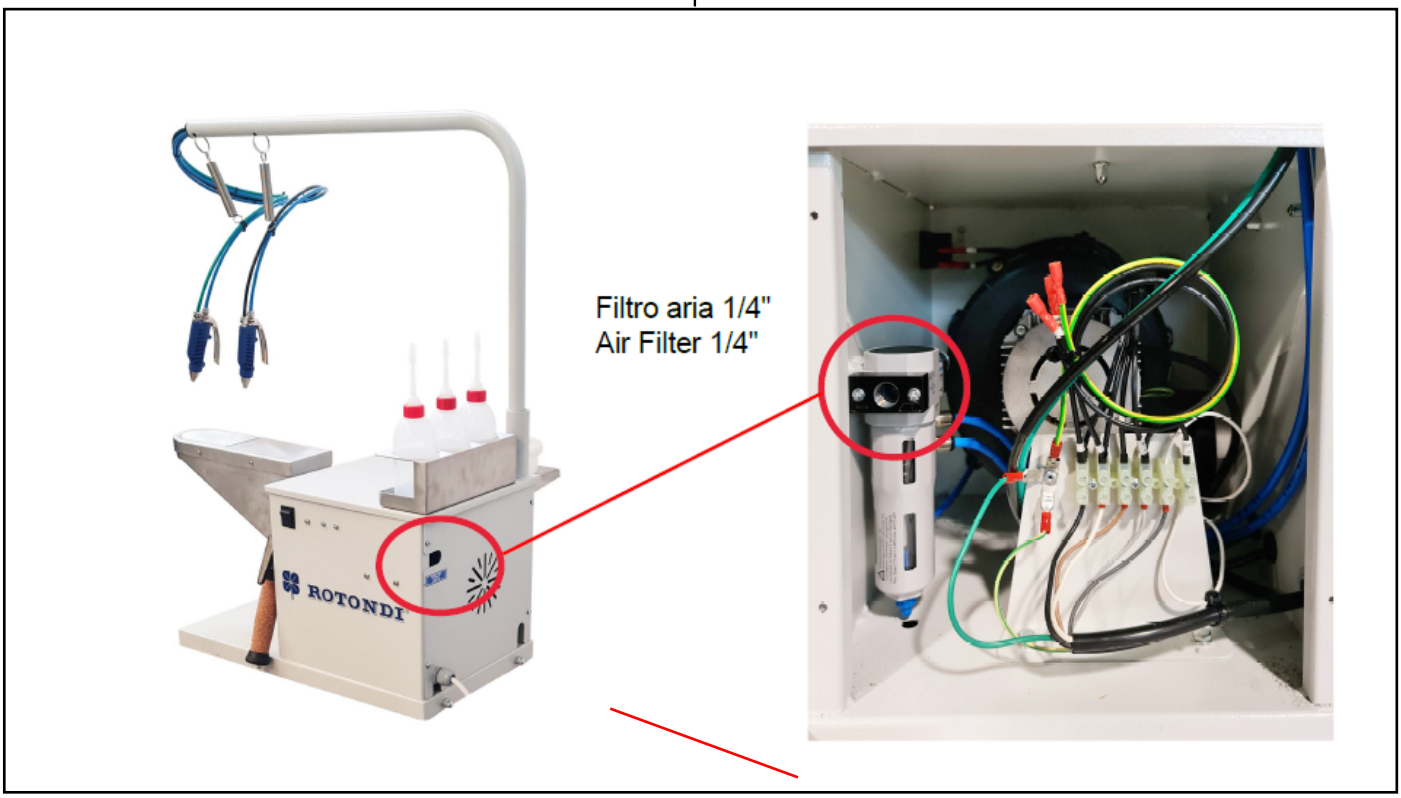
During installation, avoid any eventual impurities, such as chips, calcium scales, etc. or other materials getting into the compressed air line, which could cause malfunctions and damage.

- **The compressed air connection operations must be carried out with the stain remover disconnected from the mains**

6.5.3 AIR EXHAUST

To discharge the air, it is necessary to connect a ø 100 mm (3,937 in) fitting and connect it to the centralized vacuum system or convey it to the outside. To avoid breathing in the fumes of chemical residues from stain removal products, we recommend installing the activated carbon filter unit, to be connected directly to the air outlet.





8.2 COLD SPOTTING GUNS

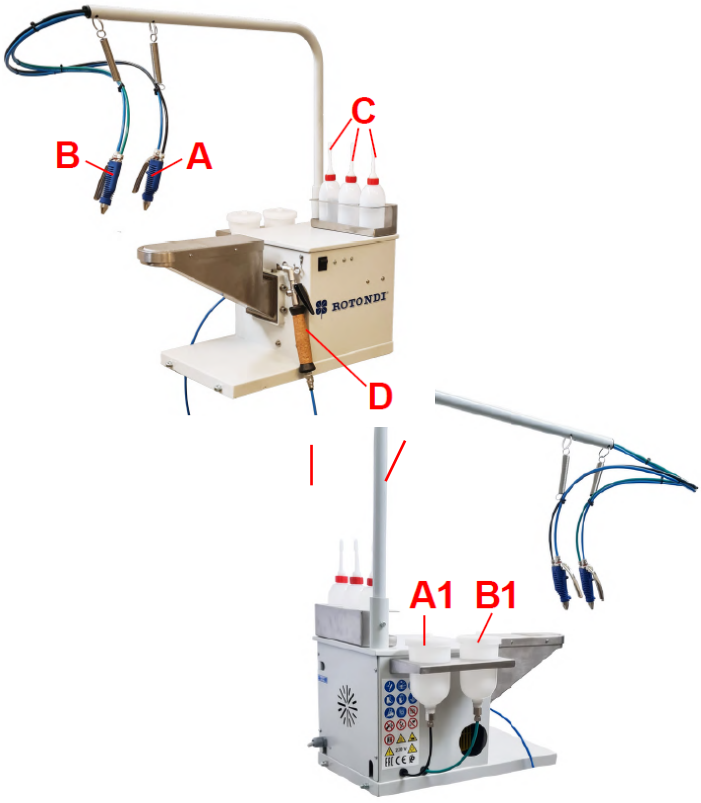
This machine is equipped with two dispenser guns, situated at the front end of the machine. These guns are connected to two small loading containers containing the liquids for removing stains. Fill the containers by unscrewing the cover of each container (F fig.A1 and B1). The machine is also equipped with 3 specific dispensers (fig. C) of stain removal products, to be used with the appropriate dropper device.

WATER DISPENSER GUN (A):

This dispenser gun is used to eliminate **non-greasy** stains. It is connected to the container **A1**; use the command lever to firstly dispense only compressed air, followed by sprayed water.

SOLVENT DISPENSER GUN (B):

This dispenser gun is used to eliminate **greasy** stains. It is connected to the container **B1**; use the command lever to dispense the solvent.



WARNING!

THE USE OF THIS GUN IS REGULATED BY SPECIFIC LAWS REGARDING TOXIC EMISSIONS (THE USE OF ACTIVE CARBON FILTERS ON SUCTION DISCHARGE AND CHOICE OF NON-TOXIC SOLVENTS).

FOR THE USE OF THE DISPENSER GUN, THE OPERATOR MUST WEAR SAFETY GLOVES AND A SAFETY FACE-MASK.

7.1 OPERATOR WORK AND CONTROL STATION

The machine's work and control station is situated next to the control pedals, and is to be occupied by just one operator.



WARNING!

To work, the machine requires only one operator.
During its **functioning no one except for the operator responsible for the machine use can stay near the machine or use it.**

7.1A WORKPLACE LIGHTING

For a suitable working environment it is advisable to install a suitable lighting system that guarantees, as required by current legislation, 300 Lx at the workstation.

Machine use

8.1 DESCRIPTION OF START-UP SEQUENCE

After having made certain that all the connections, preliminary checks and settings described in the previous chapters have been properly carried out, start up the machine proceeding as follows:

1) Turn the ON/OFF SWITCH to position 1;

The following is a list of the machine's accessories:

RFIL4 activated carbon filter unit,

TRO.EC70 Support trolley



WARNING!

10.1 PRECAUTIONS FOR THE MACHINE MAINTENANCE

Before any maintenance activity, it is necessary to:

- De-energise the machine and disconnect it;
- Apply a panel warning that the machine maintenance is underway.
- Only skilled operators, familiar with the technology used on the machine can carry out all the maintenance, replacement or servicing activities described in this handbook.
- To carry out maintenance operations, be sure to wear the following personal safety gear: safety gloves, safety footwear, and eyeglasses.

WARNING!



8.3 *DRYER GUN (D)*

The dryer gun is powered by compressed air, and is used to complete the removal of residue from stains, and especially to dry the wet area. Use the lever to dispense a regular flow of compressed air. The air dosage is obtained by pressing the lever to a lesser or greater degree, and distancing the jet of air from the fabric as required.



Drying gun

8.4 NORMS FOR STAIN REMOVAL

1) COLD STAIN REMOVAL: the dispenser guns (see chap. 8.2 are used for this type of stain removal operation. Cover the stain with sprayed liquid (water) from a distance of approx. 5 mm. Spray over the stain using a rotary movement, starting from the sides and converging towards the center of the stain. Special stains are treated with specific stain removing products (specific containers) and rinsed with water. To facilitate drying, it is recommended to use as little solvent as possible.

2) DRYING THE CLEANED AREA: once the stain has been removed, proceed immediately with drying it, dispensing compressed air using the dryer gun (see chap. 8.3), while maintaining the nozzle in contact with the fabric to be dried. Move the dryer gun over the wet area from one end to the other.

WARNING!

- If the machine must, for any reason, be suddenly disarmed, turn the ON/OFF button to the 0 position.

- Only skilled and qualified operators can use the machine.

- Never leave the machine unattended.



- Wear safety gloves when operating the machine.



- Wear safety footwear when operating the machine.



- Wear safety face mask when operating the machine.

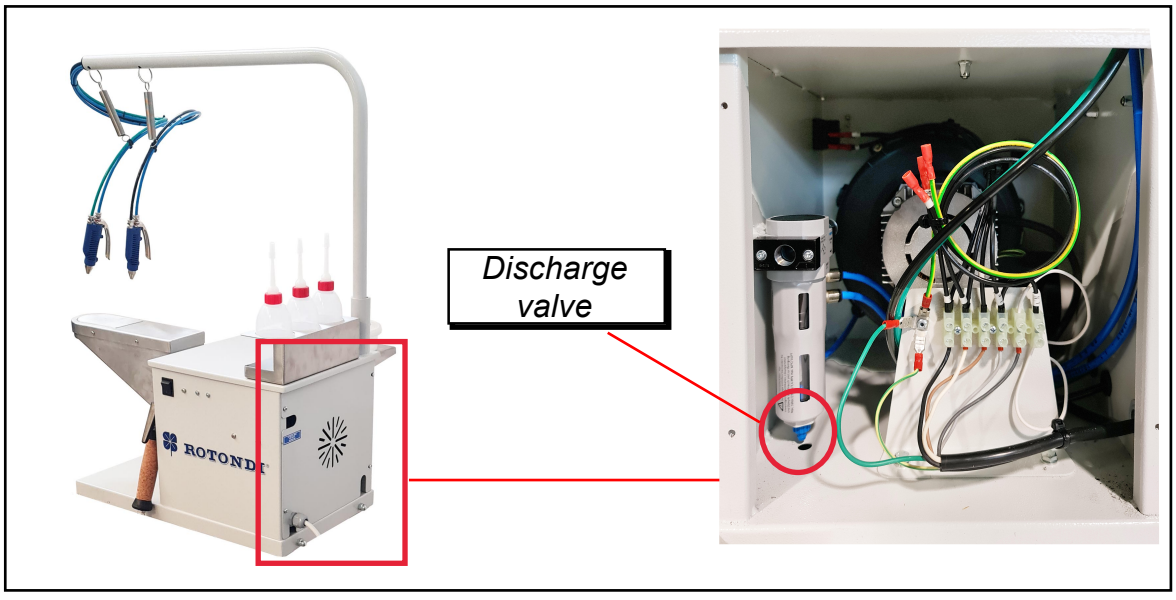
10.2 MAINTENANCE INTERVENTIONS

A good maintenance is a determining factor for a longer life of the machine in the best functioning and performance conditions in order to assure the safety conditions provided by the Builder.

CAP. CHAP.	TABELLA DI MANUTENZIONE *ROUTINE MAINTENANCE TABLE*		
	OPERATION	***MACHINE PART***	***PERIODICITY***
10.2.1	*Condensation discharge*	*Air filter*	*Weekly*
10.2.2	*Visual control*	*Machinery*	*Weekly*
		Electric parts	
10.2.3	*Cleaning*	*General*	*Daily*
		Internal	
10.2.4	*Cleaning forms spotting*	*Net*	*Half yearly*

10.2.1 AIR COMPRESSED CONDENSATION DISCHARGE

Weekly basis, discharge the condensation through the valve situated on the air-filter.



10.2.2 MACHINE VISUAL INSPECTION

In order to assure a correct functioning and prevent troubles, periodical visual inspections of the machine and its moving parts are recommended. Such inspections must be carried out after de-energising the machine.
Particularly make sure that there are no anomalous contacts between the elements and that the fasteners are not loosened.

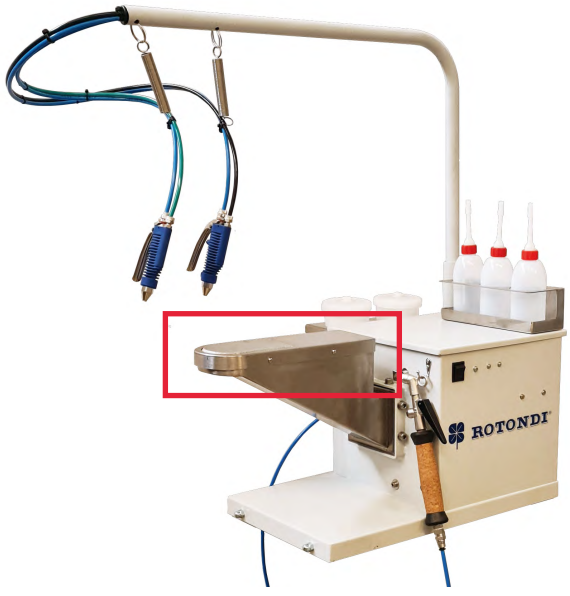
10.2.3 MACHINE GENERAL CLEANING

Daily, remove all the dust from the machine using compressed air.
Clean the machine body externally using suitable detergents.
Always wear protective gloves and eyeglasses when cleaning the machine.

WARNING!

10.2.4 CLEANING FORMS SPOTTING

Every 6 months remove the net of the spotting arms, by unscrewing the bolts (3+4 pcs.). Clean the nets with water, soap and air compressed.





Big shape
16X10 cm



Small shape
12,5x7,5 cm

Figura cap. 10.2.4 "Retine forme smacchianti "

Figure cap. 10.2.4 "Stain removal netting"

10.3 INTERVENTIONS TO BE CARRIED OUT BY THE BUILDER OPERATORS

Please find below a list of the maintenance operations to be performed with a precise technical skill and therefore by the builder qualified operators.

The user must never carry out:

- any intervention on the machine's electric installation;
- any intervention on the machine mechanical parts;
- replace electrical components.

For any adjustment, timing or replacement interventions that are not described in this handbook and that turn out to be necessary, please contact the technical staff of the machine reseller or builder.

10.4 TROUBLESHOOTING

Please find below a list of all the possible troubles that may occur on the machine:

PROBLEM
THE STAIN REMOVAL GUN DOES NOT DISPENSE STAIN REMOVING LIQUID

CAUSE - SOLUTION

A) Container A1 or B1 empty. Fill the container, see chap. 8.2

B) Stain removal gun filter dirty. Clean the filter.

C) Spray gun malfunction. Replace the spray gun.



Noxious-toxic products must be eliminated in compliance with the National or Regional Laws in force, through special draining channels belonging to the Consortium specialised in the elimination of used oils.

In compliance with UE (2012/19/UE) laws, or with the regulations in force in the User's Country, the User must arrange for the demolition, disposal and elimination of the different materials composing the machine. In case the machine - or any of its component– must be scrapped, it is necessary to adopt all the safety measures in order to avoid any risks deriving from the dismantling of industrial machinery. A particular care must be taken during the following phases:

- Disassembling of the machine from the working area
- Transport and handling of the machine
- Dismantling of the machine
- Separation of the different materials composing the machine.

To demolish and dismantle the machine, it is necessary to observe some important rules for the safeguard of one's health and of environment where we live.



Eliminate any residue of oil and grease from the machine; the lubricating substances must not be dispersed in the environment, but regenerated or treated by a Company specialised in the dismantling or such products.

In case the materials used for the productive process or the lubricants and the condensation waters are not eliminated according to the Laws and Regulations in force, there can be other additional risks such as:



1) Environmental pollution



2) Intoxication of the people in charge of the dismantling operations.

Refer to the National or Regional Laws relevant to the elimination of industrial solid wastes and toxic and noxious wastes, when carrying out the separating, recycling or dismantling operations of the materials:

Sheaths, flexible pipes and plastic or non metallic components, must be disassembled and dismantled separately;

Ectric components such as valves, solenoid valves, pressure regulators, switches, transformers, etc., must be disassembled to be used again, in case they are still in good conditions or, if possible, overhauled and recycled.

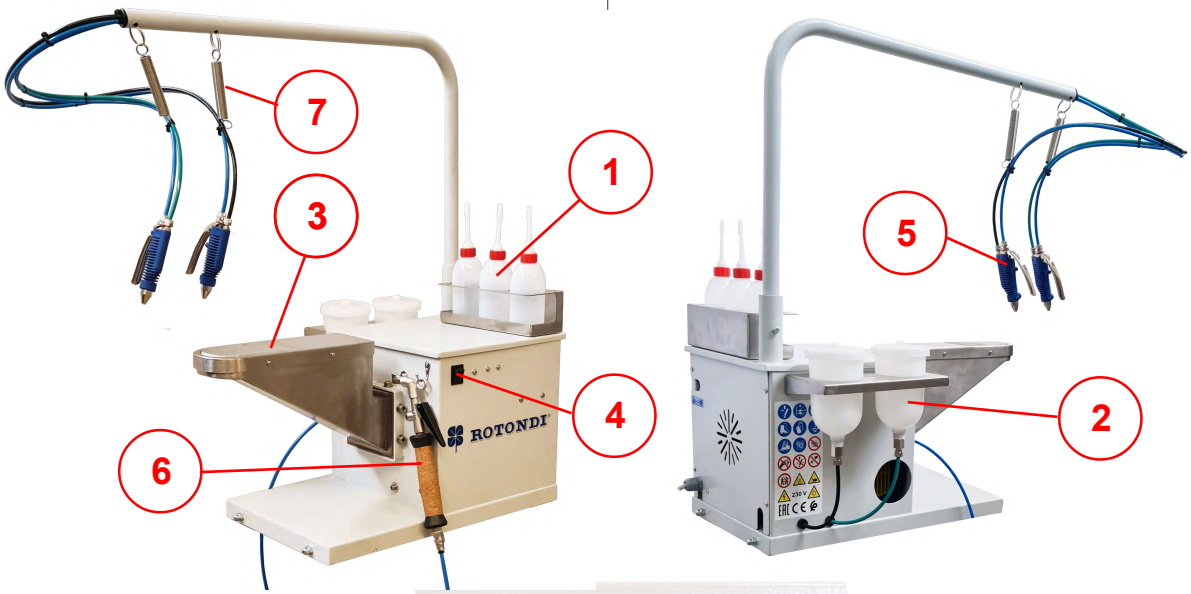
The housing and in any case all the metallic parts of the machine must be disassembled and grouped according to each type of material. The various parts, thus obtained, can be demolished and melted, in order to recycle the material composing the origina machine.

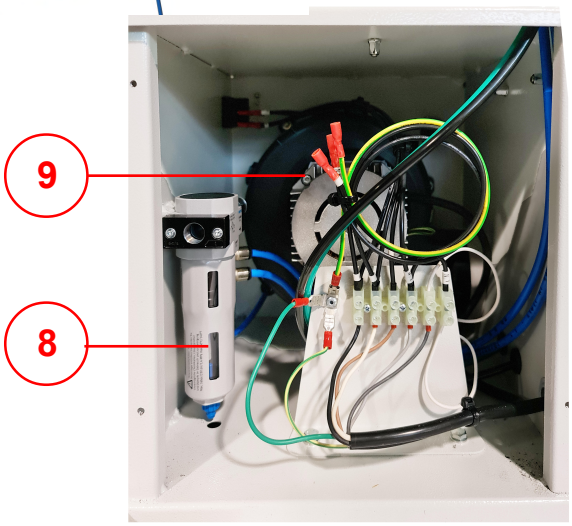
12 Spare Parts

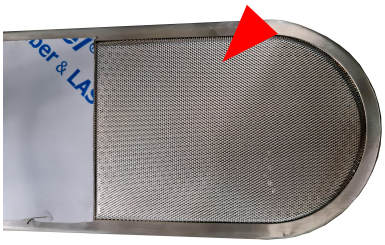
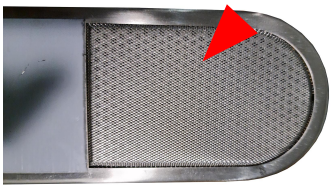
The builder guarantees the safety and reliability features of the machine only if original spare parts are used. The builder accepts no responsibility for the damages that may derive from the use of non-original spare parts.

When ordering spare parts always include the following information:

- Machine model.
- Serial N°.
- Description.
- Code.





POS.	SPARE PART	DESCRIPTION	CODE	Q.ty
1		*CONTAINER FOR STAIN REMOVAL PRODUCT*		
2		LIQUID *CONTAINERS*		
3		*STAIN REMOVAL NETTING 16 x 10.5 mm*		
3		*SMALL STAIN REMOVAL NETTING 12.5 x 7.5 mm*		
4		*GREEN PILOT LIGHT SWITCH*		

POS.	SPARE PART	DESCRIPTION	CODE	Q.ty
5		*DRYING GUN*		
6		*STAIN REMOVAL GUN*		
7		*STEEL SPRING*		
8		MOTORE SOFFIAGGIO PER SM/SMC BLOWING MOTOR FOR SM/SMC 120/1/60 Hz - 0,13 kW		
9		AIR *FILTER REDUCER*		
		CONDENSATORE MOTORE *MOTOR CAPACITOR*		
		*ACTIVE CARBON* *CARTRIDGE-OPTIONAL*		