

Taal: Engels



Handleiding

STU AIRone
Mobiele stofafzuiging perslucht m/slang

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Mod. **AIR ONE**

USE AND MAINTENANCE MANUAL

MACHINE



DECLARATION OF CONFORMITY

MANUFACTURER:

STUCCHI 1950 S.r.l.

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DECLARES THAT THE NEW MANUFACTURED MACHINE DESCRIBED BELOW:

Type:SANDING SYSTEM.....

Model:AIR ONE.....

Serial number:

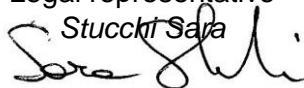
Year of construction:

is in compliance with the requirements of:

MACHINERY DIRECTIVE 2006/42/EC of 29/12/2009

Legal representative

Stucchi Sara



Technical manager

Stucchi Marino

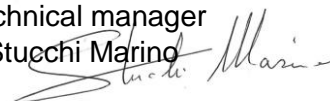


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1. Foreword

1.1 General instructions

Carefully read the instructions for use before using the machine.

This manual is an integral part of the machine and/or the system supplied by STUCCHI 1950 SRL.

If this manual is not delivered with the machine and/or system or is lost, we recommend you ask for a copy to STUCCHI 1950 SRL which will provide it in the shortest time possible.

This manual contains operating, ordinary/extraordinary maintenance, troubleshooting instructions and a spare parts list for the machine manufactured by STUCCHI 1950 SRL.

Should you have difficulty in understanding texts or tables, or should drawings/diagrams not result too clear, please contact STUCCHI 1950 SRL for any explanation from operators, maintenance technicians or the person responsible for writing the manual.

STUCCHI 1950 SRL is at complete disposal of users, sales managers or other entity interested in a possible collaboration to improve the comprehension of the entire manual.

STUCCHI 1950 SRL cannot be held liable for inconveniences, breakages or accidents due to failure to observe or apply the instructions indicated in this manual.

The machine is supplied wired and factory-tested.

Make sure there are no damaged parts in the machine before performing any kind of work.

Use personal protective equipment to prevent hearing damage if the noise level exceeds 85 dBA.

The machine should operate in non explosive and non flammable areas. The user is responsible for checking these conditions are met.

This manual is an integral part of the machine and must be read carefully before performing any operation.

Pay attention when working to prevent damaging persons or property.

The safety regulations described in this manual integrate but do not replace the regulations in force.

The print date and revision number are indicated in the manual.

We recommend you store this manual and its annexes in an adequate space and in an adequate manner to ensure it remains intact and available for personnel in charge of installation, maintenance or repairs.

Contact exclusively authorised assistance centres for any type of machine repair.

This manual should be stored for the whole working life of the machine.

Information contained in this manual are subject to change without prior notice.

1.2 General safety instructions

Any tampering with the machine by the client relieves STUCCHI of any liability and the user will be considered the sole responsible towards the competent bodies for accident prevention.

The in-depth familiarity with the machine and its operation by operators can ensure accident prevention.

To ensure safety conditions are observed, follow the instructions below:

- Periodically check all accident prevention safety devices and make sure they are fitted and in good working order.
- The operating area should be clean and tidy at all times
- Before starting to work, the operator should know exactly where the start and stop buttons of the machine can be found
- Before starting to work, make sure there are no conditions dangerous to persons or property
- Do not tamper with safety devices
- Do not deactivate, remove or modify safety guards
- Do not alter the machine for any reason
- Do not use the machine in presence or near children
- Do not allow unauthorised people to use the machine
- The operator must wear clothing suitable for the work environment and type of work to carry out.
- The operator must not wear chains, bracelets, watches or any other kind of item that could get caught
- Use safety goggles during work
- Do not use the machine to extract flammable fluids
- Keep openings free from dust, rags, hair or any item that could reduce the extraction performance
- Keep your balance and avoid unsafe positions during processing
- Always lock the part to process using appropriate pliers or clamps

The use of accessories and/or tools non conforming to a proper use of the machine or in any case for purposes other than those recommended in this manual can lead to an injury risk. Always use the appropriate tool for the processing to carry out.

Always keep the tool in good working order.

Year of construction:

2.3 Warranty

On delivery, verify that the machine and any individual accessories are not damaged because of transport or handling operations.

Any complaint must be sent in writing to STUCCHI 1950 SRL within 8 (eight) days from the reception date, with a copy of the delivery documents countersigned by the carrier or handling operator.

To learn more about the warranty conditions, read the warranty certificate attached.

2.4 Definitions and symbols

In this manual you can find definitions used in the industrial sector for which this machine is intended. For better understanding you can refer to the list of definitions below. Failure to understand their meaning could confuse those who might dealt with the machine directly or indirectly.

OPERATOR: Person(s) in charge of installing, using, adjusting, cleaning, performing maintenance or repairing the machine

QUALIFIED PERSONNEL: Person(s) familiar with the machine and its operation, maintenance and repair. They must be also aware of their tasks and regulations to follow.

Terms like DANGER, CAUTION, WARNING are used in the manual to indicate the seriousness of consequences that might arise if the instructions are not followed.

! Danger

This symbol is used to indicate potentially dangerous situations that, if not avoided, MAY RESULT IN DEATH OR SERIOUS INJURIES TO THE OPERATOR(S) OR OTHER PEOPLE.

This symbol is used in the manual to indicate potentially dangerous situations that, if not avoided, MAY CAUSE LIGHT INJURIES OR MATERIAL DAMAGES TO THE OPERATOR(S) OR TO OTHER PEOPLE.

! Warning

This symbol is used in the manual to indicate potentially dangerous situations that, if not avoided, MAY CAUSE INJURIES TO THE OPERATOR(S) OR OTHER PEOPLE.

To draw attention to the importance of certain points of this manual that, if not observed, can cause damage to the machine, we will use the following term: “**IMPORTANT**”.

3.1 Technical data

GENERAL TECHNICAL DATA

Width (mm)	550
Depth (mm)	530
Height (mm)	900
Noise level (dBA)	30
Air pressure* (bar)	max 8
Machine weight (Kg. ca.)	28

*** ATTENTION:** The air pressure is just regulated by an pressure regulator on 6 Bar . It is mounted into the machine.

3.2 Intended use

The "AIR ONE" machine, object of this manual, has been designed to:

- Extract air and dust particles produced by abrasive tools while working on painted or puttied surfaces.
- Filter the extracted air separating heavy parts.
- Release filtered air into the environment.
- Be activated/deactivated by means of a manual control.
- Allow easy disposal of filtered dust.

Operators must verify the compatibility of the head assembled on the machine according to the materials and/or operations to carry out on the parts to process.

Any use and operation on the machine not foreseen in this manual, must be considered incorrect and/or improper.

4. Transport and installation

4.1 Transport

Machines are packaged before shipment.

Transport must be performed using appropriate means and fastening the machine firmly.

Handling must be performed using a lift truck or pallet truck.

The machine is fitted with wheels and can be positioned manually.

If the machine needs to be stored place it in a covered area and avoid overlapping loads that could irreparably damage the machine.

4.2 General instructions

Operational areas must be strictly respected to avoid causing danger to persons or property.

Connections must be performed by authorised and qualified personnel strictly following the instructions of the specific section.

4.3 Allowed environmental conditions

The machine is intended for use in industrial environments.

The recommended environmental conditions for proper machine operations are as follows:

Temperature: 5÷45 °C.

Relative humidity: 0.90 %.

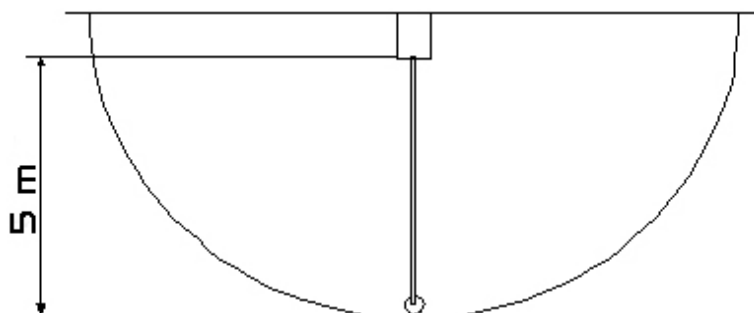
Lighting: according to the regulations in force for industrial environments.

4.4 Installation

As the machine is a wheeled system, it does not require installation.

4.5 Allowed operational areas

The work station and operational areas needed for the processing to carry out with the machine can be identified in the following diagram.



4.6 Connections and checks

Connections must be performed by authorised and qualified personnel.

5. Preparation for use of the machine

5.1 General instructions

Before using the machine for the first time, get to know the controls following the instructions in the manual.

5.2 Using the machine

The machine has been designed for the simultaneous operation of the extraction system and pneumatic equipment.

Connect the compressed air to the inlet at the back to activate the machine.

ADVICE ON THE USE OF TOOLS:

- start the tool, it is better if it is does not come into contact with the surface to treat.

6. Troubleshooting and maintenance

6.1 Troubleshooting

The most recurring defects and their elimination are indicated in the following table.

DEFECTS	POSSIBLE CAUSE	POSSIBLE SOLUTION
The machine does not start	Air not connected	Connect compressed air to the machine socket
	Insufficient pressure	Make sure the air pressure is at least 6 bar
	Polishing machine malfunction	Contact technical support
Poor extraction	accumulation of dust in container	empty container
	Poor cleanliness	Check the extraction route and remove any faults

6.2 Emptying the dust container

To empty the dust container unhook the lever stops (1), and loosen the metal band and replace the bag.

The disposal of filtration dust must occur in accordance with local legislations in force about disposal and/or recycling of industrial waste.

Lock the lever stops after positioning the bag.

When this bag is full, the operator must remove and change it.



To remove the bag, the operator must disassemble the iron band



7. Decommissioning and dismantling

7.1 Instructions for decommissioning

At the end of the machine life cycle, the “AIR ONE” can be completely dismantled and scrapped: Qualified technicians should carry out this task using all accident-prevention measures and complying with the regulations in force on waste disposal on the basis of their composition.

7.2 Changes

As already mentioned in another part of the manual any change made to the machine is not allowed.

NOTE

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