



JOLLY 20

ISTRUZIONI
INSTRUCTIONS
INSTRUTIONS
ANLEITUNGEN



**ING. O. FIORENTINI
INDUSTRIAL CLEANING MACHINE**



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Operating instructions and maintenance

THIS MANUAL CONTAINS VITAL INFORMATION FOR THE SAFE USE AND EFFICIENT OPERATION OF THIS MACHINE. CAREFULLY READ THIS OPERATOR'S MANUAL BEFORE STARTING THE MACHINE, AND RETAIN FOR FUTURE REFERENCE. INSTRUCT ALL OPERATORS TO READ THIS MANUAL. FAILURE TO ADHERE TO THE INSTRUCTIONS COULD RESULT IN SERIOUS BODILY ANJURI OR PROPERTY DAMAGE.

PRESCRIBED USAGE

This machine is designed for the professional cleaning according to these operating instructions.

For the safe operation of this machine, and for the safety of the operator observe the following instructions:

- 1) Do not use this machine in an explosive atmosphere such as gas vapor etc.
- 2) Do not operate this machine unless it is completely assembled.
- 3) Do not leave this machine plugged into the power source while unattended.
- 4) The Floor Maintainer is designed to be used with detergent and water .They should never be used with flammable materials such as : gasoline, kerosene, etc. .
- 5) Do not clean this machine with a high pressure cleaner by water but use only air pressure cleaner.

GENERAL SAFETY INSTRUCTION

This machine is designed and constructed according to the present state of the art and recognised technical safety standards. It is fitted with protective devices, following safety European standard rules. Dangers can occur in spite of this, in particular in the case of maloperation or non-compliance with the specifications and information in the operating instructions.

All our equipments are covered by international assurances against risks.

1) Sources of danger

Electrical voltage / Electric current

Warning: Danger

Contact with voltage or current carryng parts carries the risk of electric shock which can result in serious injury or even death.

Never touch damaged cables.

Always switch off and disconnect the power supply before carrying out any work on the machine. Replace faulty cables immediately.

2) Improper usage.

Any usage of the machine for a purpose not covered under the “Prescribed usage” or contractually agreed purpose is not permissible.

The use of the machine in an unserviceable condiction or not in compliance with the following prescription is prohibited:

- Protective devices must not be removed or bypassed.
- Conversions and modification to the machine are not permitted.
- Defective supply cables are only to be replaced by original FIORENTINI cables.
- Coupling elements between mains supply or detachable extension cable must be at least splashproof.
- The machine is to be fitted with a type H circuit breaker for rated current of 15A.

3) Organisational points

It is the responsibility of the operator to ensure that:

- The machine is used only by personnel who have been instructed in its handling and authorised to use it.
- The recognised occupational safety regulations are observed.



- Any further national or internal company regulations are observed.
- All users are acquainted with the safety regulations and trained in the use of the specific machine.
- All users have read and understood the operation instructions.
- Responsibilities for the operation, maintenance and repair of the machine are clearly assigned and observed.
- Faults and damage are immediately notified to the Service Agent of FIORENTINI.

4) Emergencies

In the case of an emergency:

- Pull out the mains connector plug.
- Immediately apply recognised first-aid measures.

After incidents, do not resume operation with the machine until it has been inspected by FIORENTINI authorized technical.

5) Operating for the first time

Delivery, instruction on safety rules, handling and maintenance as well as operation for the first time must be carried following the specification of this instruction book.

The operator is responsible for instructing the users.

FURTHER SAFETY INSTRUCTIONS CONCERNING OPERATING AND MAINTENANCE ARE DETAILED IN THE RELEVANT SECTIONS AND MUST BE COMPLIED WITH!

IMPORTANT NOTES

Before starting to use the machine please observe the following points:

- If you should discover any damage when unpacking the machine please inform your sale agency.
- The supply voltage must be the same as that shown on the nameplate.

FOR ALL GROUNDED APPLIANCES

This appliance should be grounded while in use to protect the operator from electric shock. The appliance is equipped with an approval three-conductor european cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire.

Never connect the green (or green and yellow) wire to a live terminal.

OPERATION OF MACHINE

Disconnect machine from power source before installing or removing brush, or before all cleaning operation on the machine. Except for the brush, your machine has been completely assembled at the factory for immediate operation. To assemble brush, tilt machine backwards and line up lugs on gear unit with openings on brush locking plate. Then turn brush in a clockwise direction, locking down on machine. To operate, first rise locking cam lever located at lower part of handle. Lower the handle to best operating position and tighten locking cam lever to hold handle in position. Your machine is now ready to operate. In operating the machine you must remember that the machine will have a tendency to travel to the right or the left depending if pressure is exerted on the front or rear of the brush. Therefore, when the operator lifts the handle, the machine will go to the right. The movements of the machine is very easily controlled, by simply tilting the handle up or down.

While machine is in operation, care must be taken to keep extension cord away from rotating brush.

If the electrical cable is damaged, stop the machine and before to use it replace the cable by qualified technicalmen.

WARNING: NEVER TURN ON MACHINE WHEN HANDLE IS IN UPRIGHT VERTICAL POSITION BECAUSE THE MACHINE IS SUPPLIED OF SAFETY MICRO-SWITCH. THE "ON"



AND “OFF” MASTER SWITCH IS OPERATED BY MEANS OF LEVERS IMMEDIATELY UNDER HANDLE GRIPS. WHEN TRANSPORTING OR STORING MACHINE, RAISE HANDLE TO VERTICAL POSITION.

MAINTENANCE OF MACHINE

WARNING: MAINTENANCE SHOULD BE PERFORMED BY QUALIFIED PERSONNEL ONLY.

Lubrication: your machine has been completely lubricated at the factory before shipment to you. The gear unit is lubricated for 2 or 3 years (for normal work).

CARE OF SCRUB AND POLISH BRUSHES

Always remove brush from the machine when not in use. Brushes should be kept in a cool dry place as excessive heat will warp and crack backing.

Extension cord: your machine has been equipped with 15 meters of cable. Should additional cable be needed, use a larger size wire and always 3 wires.

Replace worn, cut or frayed electrical cables.

The Floor Maintener can be converted to many different uses. Following are the different types of brushes available:

- 1) BASSINE BRUSH
- 2) NYLON BRUSH
- 3) NYLON-STEEL BRUSH
- 4) STEEL BRUSH
- 5) MOQUETTE BRUSH
- 6) PAD HOLDER
- 7) SYNTETIC PAD

It is possible to have also the solution tank for automatic solution feed.

TECNICAL CHARACTERISTICS

POWER	1100W
PROTECTION CLASS	1
LENGTH OF CORDS	15 m
BRUSH SIZE	500 mm
BRUSH	150 rpm
ENERGY SOURCE	network current
VOLT	230 V
WEIGHT	40 Kg
DECIBEL	65 dB



GOODS TO BE RETURNED

In case of goods to be returned for warranty replacement, it is necessary to have a written acceptance from FIORENTINI technical department before sending them.

All defective parts must be carefully packed in order to avoid further damages during transport.

Goods must be shipped ex-warehouse and followed by :

- **serial number of the equipment where they were installed on;**
- **item code of the defective part;**
- **detailed description of the defect and of the conditions where it happened.**

In case of defective electric or electronic goods, please return them separately from other materials, in order to help us in dividing dangerous wastegoods and recycle the (RAEE) as DER 2002/96/CEE LOW.

