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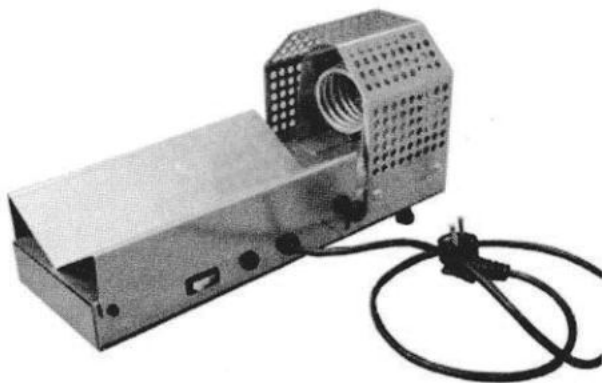
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ARTICLE 19010

ARTICLE 19000

**230V HORIZONTAL ELECTRIC CAPPER**  
**110V HORIZONTAL ELECTRIC CAPPER**

## User and Maintenance manual



SERIAL N°

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Manufacturer:  
ADMEL SNC

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## 1 General Information

### 1.1 Manual Consultation

This manual has been organised so that the operator can find the necessary use and maintenance information regarding the machine quickly and simply.

The operator must read the whole manual carefully and make sure that all information has been fully understood.

This manual also operates as a reference and consultation document to be used when necessary before carrying out a procedure or operation.

This manual must therefore always be available for staff in charge of running and servicing the machine, so it can be consulted at any time.

### 1.2 Warranty

**FERRARI GROUP SRL** guarantees the machine described in this manual for a period of **24 months** from the delivery date. During this period the company will repair or replace faulty parts as long as the machine has been used properly in accordance with the instructions indicated in this user and maintenance manual.

The warranty is invalidated completely if:

- The machine is tampered with by **FERRARI GROUP SRL** unauthorised staff.
- If non-original spare parts are used
- For bad maintenance and anomalous use of the machine.
- Spare parts replaced under warranty must be returned

The warranty does not include parts of the machine subject to wear.

**FERRARI GROUP SRL** cannot be held responsible for general breakdowns or the machine not working properly due to incorrect use and as a result of repairs and/or modifications made by unauthorised staff.

### 1.3 Legislation and Reference Standards

- 98/37/CE MACHINERY DIRECTIVE
- 73/23/CEE DIRECTIVE:  
Relative to safety for electrical materials used in "low voltage" conditions.
- 89/336/CEE DIRECTIVE:  
Relative to Electromagnetic Compatibility.
- Presidential Decree 547/1955  
Regulations for the prevention of injury at work and hygiene in the workplace.
- UNI – EN 292-1 and 2 /Nov.1992  
Machine safety- Basic terminology, methodology -  
Specific and main technicians
- EN 60204/Oct. 1992  
Electrical equipment of machines - Main requisites.

## 1.4 Declaration of conformity

"CE" DECLARATION OF CONFORMITY  
98/37/CE Directive of the European Parliament and Council dated 22 June 1998 regarding  
the harmonisation of the legislation of the Member States relating to machinery

ADMEL s.n.c.

MACHINE: HORIZONTAL ELECTRICAL CAPPER

230V

SERIAL N°

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ADMEL SNC

DECLARES

under its own responsibility that the products  
230V HORIZONTAL ELECTRIC CAPPER  
110V HORIZONTAL ELECTRIC CAPPER

are in compliance with the essential safety requisites relating to it;  
as well as to the applicable points of the following special provisions:

-98/37/CE Directive of the European Parliament and Council dated 22 June 1998 regarding the harmonisation of the legislation of the Member States relating to machinery.

-The Italian Law n° 791 dated 18/10/77, which includes the 73/23/CEE Directive regarding low voltage, relative to the guarantee of safety of electrical material destined for use within certain voltage limits.

-The Italian Decree-Law n° 615 dated 12/11/1996, which includes the 89/336/CEE Directive relating to electromagnetic compatibility.

ADMEL SNC

Signature of legal representative

29/02/2008

## 2. General Warnings

## 2.1 Requirements for the Safety of the Operators

The regulations listed below must be read carefully and must become a fundamental part of the daily routine during use and maintenance of the machine in order to prevent injury to people or damage to objects.



Do not attempt to start up the machine until operating instructions have been fully understood.



Make sure that staff are aware of all safety requirements regarding use, cleaning and maintenance of the machine.



Before starting up the machine, the operator must check for any visible defects in the safety devices and the machine itself. If this is the case, immediately inform a supervisor of the defect found.



Protection devices must not be removed or made inefficient when the machine is in use.



All safety and danger plates must be kept in perfect conditions. In case of damage or deterioration, replace them immediately.



When connected to the electric network, never operate on the machine using wet hands or objects.



The operator must be aware of the function and the position of the controls.



Replace faulty parts with those indicated by FERRARI GROUP s.r.l. NEVER attempt hazardous solutions.



All work on live parts must only be carried out by authorised staff. Before starting work, the machine must be disconnected from the mains electricity.



Pay great attention to all precaution, warning and danger signs situated on the machine.



The machine must only be used for the purpose for which it has been built and in accordance with that stated by FERRARI GROUP s.r.l.



Do not use the machine for uses different to that stated in the manual. Do not install the machine in explosive environments or in areas at risk of fire.

Do not obstruct the air inlets of the electric motor, situated on the sides of the machine, with objects or materials.

Never leave the machine unattended when operating.

-  Keep the capper out of reach of children
-  Do not touch the hot parts of the machine (resistance and protection network)
-  Do not disconnect the machine by pulling on the cord
-  Always connect the machine to an electrical system with "cut-out" device (for 230V cappers)
-  Only use electrical extensions that are in good conditions, with electric wire that has the same section as the one provided with the product.
-  To prevent electric shocks, DO NOT immerge the electric wire, the plug or the machine in water or other liquids.
-  If parts of the machine catch fire, never use water to put out the flames. Use a damp cloth.
-  Do not keep flammable products near to the machine or under the base on which the machine is positioned.
-  Do not use the machine if the cord is faulty or if, as a result of a fall or other, the machine should show visible signs of damage or functioning anomalies
-  Do not use the machine under a wall unit or shelving or near flammable materials such as curtains, sheets etc.
-  Place the machine on a stable work top, shielded from splashes of water
-  Do not move the machine during use
-  Do not use the machine in a vertical position
-  Do not use the machine as a source of heat
-  Never put paper or cardboard into the machine and do not place anything on it (tools, objects etc.)
-  disconnect the machine (disconnect the plug and not only the switch) and allow it to cool immediately after every use and before carrying out any maintenance or cleaning operations
-  **This machine has been designed for domestic use. Professional use, improper use and use not conforming to user instructions are not recommended**

V.I.: Apply and always respect the safety regulations. If in doubt consult the manual again before undertaking any action.

## 2.2 Declared use

The Ferrari Group horizontal capper must only be used for applying heat-shrinkable caps onto glass bottle necks.

### ONLY USE GLASS BOTTLES.

**MAKE SURE THE LIQUID INSIDE THE GLASS BOTTLE TO WHICH THE HEAT-SHRINKABLE CAP IS TO BE APPLIED IS NOT DANGEROUS OR HEAT SENSITIVE.**

## 2.3 Definition of Safety terms

When relating to safety, the following terms will be used in the manual:

**Dangerous area:** every area in and/or near to the machine in which there is an exposed person constitutes a risk for the safety and health of that person.

**Exposed person:** any person who is partially or entirely within a dangerous area.

**Operator:** a person trained for routine use of the machine, for example: switching on, switching off, basic maintenance e.g. cleaning:

## 2.4 Areas with safety device

The Ferrari horizontal capper is equipped with various safety devices in order to guarantee safety:

- PI: Resistance external sump protection
- Fu1: Fuse

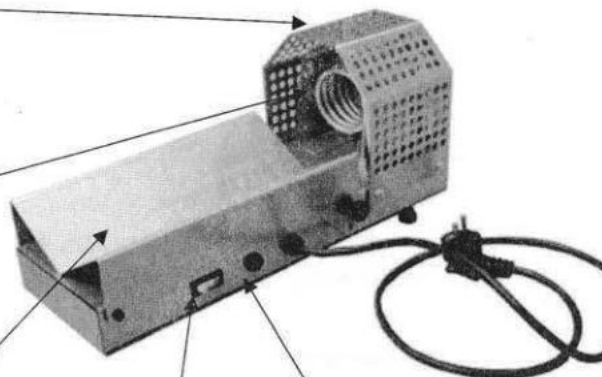
External Sump Protection  
P1 Resistance

Resistance  
R1

Bottle holder cradle  
C1

S1 Switch

F1 Fuse



### 2.5 Residual Risks

The machine has been designed and built with appropriate arrangements to guarantee the safety of the operator.

However, there are residual risks linked to the particular functionality of the capper.

The operators must therefore, be aware of the residual risks listed below:

- Do not touch the resistance (electrical hazard)
- Both the external and internal protection of the resistance easily reach a high temperature and touching them could cause burns (Burns hazard)

## 3. Installation

### 3.1 Electrical Attachment



The following operations must be carried out by qualified electricians and they are at the customer's expense.

Before connecting to the power line check that:

1. The establishment's electric system is capable of absorbing the maximum power of the capper and is in compliance with existing laws.
2. The line voltage and frequency correspond to those indicated on the machines plate
3. The system has been installed in accordance with the law and is adequately protected

At this point, carry out the electrical connection by placing the plug in the socket.

The machine has been built in compliance with:

- The 73/23/CEE Directive (LOW VOLTAGE DIRECTIVE)
- CENELEC EN 60204 – 1 Standard



The earth network must be suitable in dimension and in power load of the whole system and must conform to the specific regulations that regulate the sector.

Use only electrical extensions in good conditions, having an electric wire with same section as the one provided with the product.

#### 4. Method of use

##### 4.1 Instructions for use

- Read the instructions and precautions carefully
- Adjust the height of the cradle on which the bottle will be placed (according to the type of bottle): Bordeaux, Champagne bottle etc) by turning the knobs until the neck of the bottle is situated in the centre of the resistance. (Only for models equipped with height adjustment)
- Unroll the cord completely, insert the plug into the socket
- Activate the switch (switch on indicator)
- Wait for the resistance to heat up (about 1 or 2 minutes)
- Place the heat-shrinkable capsule on the neck of the bottle
- Rest the bottle on the cradle and push it until the neck results in the centre of the resistance
- Wait the necessary time until the heat-shrinkable capsule adapts to the neck (the time depends on the type and size of the capsule)
- Remove the bottle

When finished working, turn the switch off, disconnect the plug and leave to cool before carrying out any other operation

##### 4.2 Preservation

- Position the machine in a dry area without humidity or where sudden changes in temperature can cause condensation or water vapour

#### 5. Spare part features:

##### 5.1 Spare parts

<b>CODE</b>	<b>DESCRIPTION</b>
<b>Fu1:</b>	5A Fuse–fuse holder series 5484/4 in nylon (PA) 66RV - STEAB
<b>S1</b>	Voltage signalling switch Series B1 ON-OFF 16A 250V 120°C B11661G00000 (MOLVENO OEM SERVICE)
<b>R1</b>	Resistance series 08020 DA 220V 850W FIREM
<b>Plug:</b>	from 10A/250V MOLVENO OEM SERVICE
<b>Fairlead block:</b>	Series 50207 in nylon (PA) 66 RV approved for use class 1 STEAB

##### 5.2 Technical Features

Single-phase electrical power supply:	230 V AC
Frequency:	50 Hz
Total Power installed:	850W
Weight:	3.5 Kg

6. Wiring diagram

