




<i>Manufacturer</i>	GHIDINI BENVENUTO s.r.l.
<i>Product</i>	Ironing board– DORIS
<i>Year</i>	2004
<i>Certification</i>	

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1 INTRODUCTION

These operating and maintenance instructions refer to the ironing board "DORIS".

It is possible to obtain the last version of the present instructions requiring it to the Sale and Technical Department or visiting our web site [web www.ghidini-gb.it](http://www.ghidini-gb.it).

This manual contains important instructions for the health safety and security of the operators. Read attentively and keep it carefully to be always at the disposal of the operators.

Ghidini s.r.l. cannot be held liable for any damage to things or injury to persons caused by an improper use of the machine in contrast with these instructions.

Any eventual modification or different use of the machine must be previously authorized through a written document by Ghidini s.r.l. otherwise the manufacturer can be considered free even from the guarantee bond.

2 GENERAL DESCRIPTION

Doris is an ironing board with electrically heated and vacuum utility board.

This machine must be connected to an external electric supply to operate.

The machine is provided of a wide board and of a plate, both padded, heated and vacuum and of a cloth-holder sheet

It is an easy and efficient instrument of work, thanks to its operating pedal. The temperature of the boards can be adjusted on the frontal panel.

3 IDENTIFICATION OF THE MACHINE

On one side of the machine a metal rating plate quotes the model, serial number, the year of construction and electrical feeding.

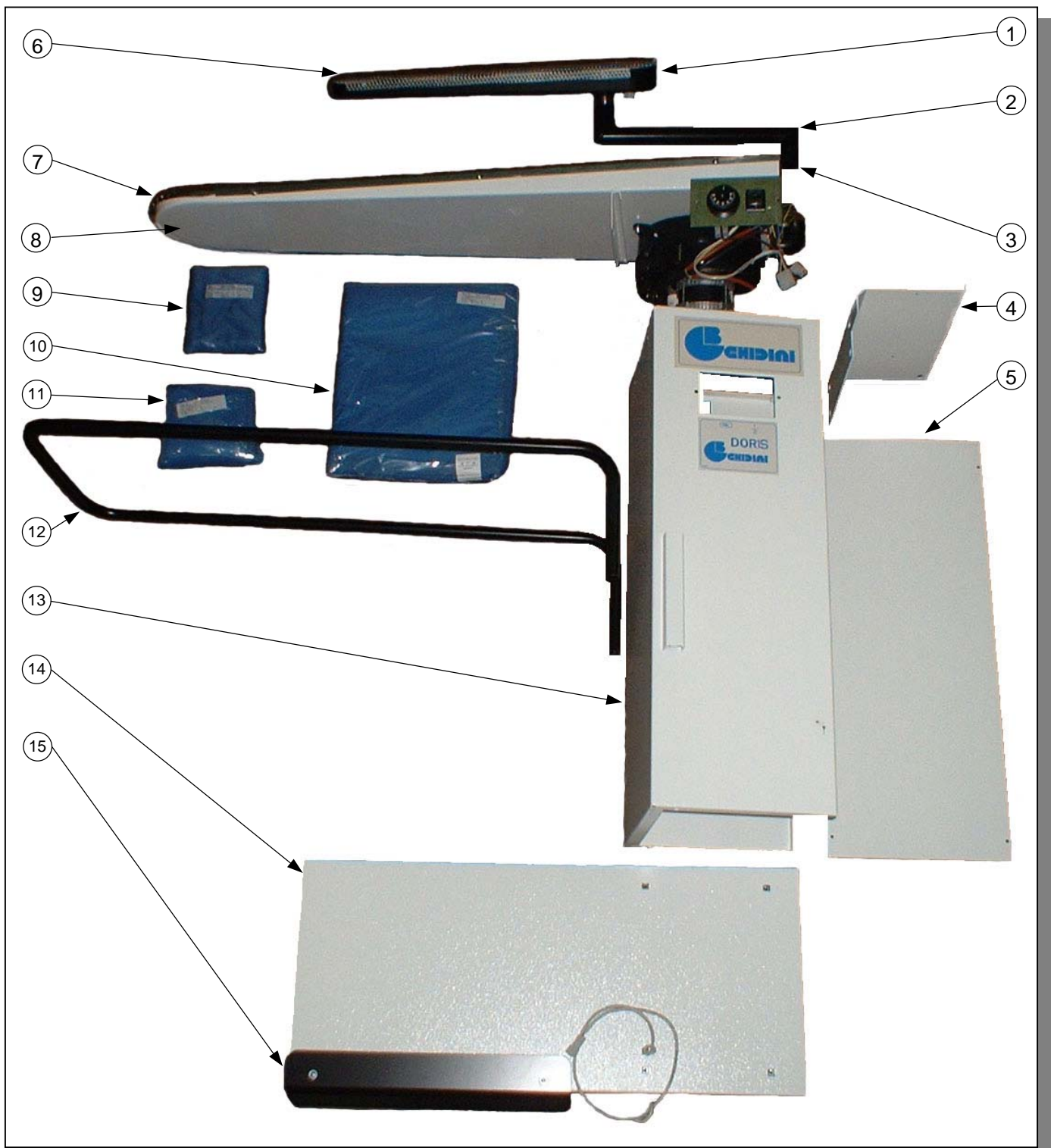
4 TECHNICAL DATA

TECHNICAL DATA	
Electrical feeding	230V – 1ph / 50 Hz
Electrical consumption	0,9 Kw
Sound pressure level	< 70 dB(A)
Working temperature	+ 5 ÷ + 80 °C
Operating humidity	90 % max.
Stocking temperature	- 20 ÷ + 50 °C
Dimensions	1380 x 380 x 930 mm.
Net weight	28 Kg
Overall dimensions (with packing)	1140 x 390 x 440 mm
Gross weight (with packing)	35 Kg

ATTENTION: Check that the supplied voltage and pressure correspond to that indicated on the previous scheme.

5 COMPONENTS

The main parts of the machine are:



Pos.	CODE	DESCRIPTION	Pos.	CODE	DESCRIPTION
1	163472	Sleeve shape	9	Z27P25	Padding for arm
2	Z14H06	Swinging arm joint	10	274208	Cloth-holder sheet
3	35A025	Linkage	11	Z27P24	Canvas and padding
4	163469	Iron rest	12	173443	Cloth-holder support
5	163467	Panel	13	163471	Doris casing
6	163473	Plate for arm	14	163470	Base
7	163480	Plate for board	15	163468	Vacuum operating pedal
8	163481	Board			

6 PACKING AND INSTALLATION

ATTENTION: The unit must be installed, opened and repaired by fully qualified technicians only.

6.1 UNPACKING

Find the most suitable place where to put the machine, then remove it from the packing and check that it is intact. The packing materials do not need special precautions to be discharged, for they are not dangerous or polluting. Look at the local rules in force to discharge them.

6.2 INSTALLATION

The machine does not need to be anchored to the floor. For a correct use and operation, as well as for an easy maintenance, leave a free space around the machine.

Do not put the machine in dangerous or inflammable places.

6.3 ASSEMBLY

The machine is supplied in kit. For the assembly follow the instructions below:

- Put the base on the area you have chosen.
- Put the casing on the base, matching the holes to the threading inserts.
- Fix the casing on the base with the 4 screws M6 and the washers 6,4x18
- Insert the board in the casing. The feeding cable must be external, whereas the connecting cables together with the control panel, must be internal.
- Fix the iron rest between the board and the casing in the right side of the machine with the 4 screws M6
- Fix the board in the right side of the casing with the 2 screws M6
- Insert and screw the control panel in the frontal side of the board with the 2 screws M4
- Insert the joint of the arm in the connection of the board, pressing and making some alternate and rotatory movements.
- Insert the arm into the joint with the above mentioned method.
- Insert the electric connector of the arm in the casing, near the vacuum group.
- Connect all the connectors. Every connector is different the one from the other to avoid wrong connections.
- Close the panel of the casing with the 4 screws supplied.
- Insert the cloth-holder support in the fit square pipes on one side of the casing.
- Insert the canvas and the paddings on the board, the arm and the cloth-holder.
- At the end of this procedure the machine is ready to iron.

6.4 ELECTRICAL CONNECTION

Electrical connection must be carried out as indicated in the scheme. Check that the supply voltage and frequency correspond to that indicated on the rating plate. The feeding plug must be adequate to the machine absorption and in conformity with the laws in force. To ensure safe connection to the main supply, use a magnetothermal switch or otherwise a switch with fuses.

ATTENTION: At the end of the electrical connection, check that the cables are well fixed, isolated and protected from bumps.

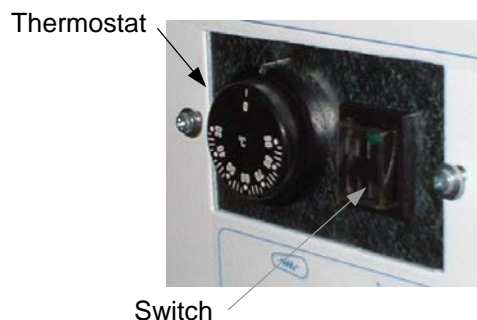
7 OPERATING INSTRUCTIONS

7.1 OPERATION

- Installation and maintenance must be carried out by qualified technicians only.
- Do not use the machine plunged in fluids, in dangerous or inflammable places.
- Do not ignore the dangers for the operators health and follow the hygienic and safety prescriptions.
- Check that the electrical connection is correctly carried out respecting the laws in force and that the fuses boxes are closed and complete with fuses.
- Check that the machine is intact.

7.2 USE

- Switch on the machine with the button near the thermostat.
- Adjust the temperature of the boards through the thermostat.
- Wait for the right temperature.
- Now the table is ready to iron.
- Press the pedal to vacuum.
- At the end of the work, switch off the machine with the button.



8 PROBLEMS AND SOLUTIONS

The following scheme shows the main troubles and the corresponding causes and solutions. In case of doubts or unresolved problems, do not look for the trouble, taking off pieces of the machine, but contact the Technical Office or seller of Ghidini products.

PROBLEMS AND SOLUTIONS		
TROUBLES	POSSIBLE CAUSES	SOLUTIONS
Lack of vacuum	Micro of the pedal failed	<i>Replace the micro</i>
	Connectors disconnected	<i>Connect connectors</i>
Lack of heating	Thermostat failed	<i>Replace the thermostat</i>
	Connectors disconnected	<i>Connect connectors</i>
The machine does not work	Main power failure	<i>Check main power supply and the fuses.</i>
	The switch is turned off	<i>Turn on the switch</i>

9 PRECAUTIONS

Read carefully the instructions and the risks related to the use of an ironing table. Operators must know operating system and clearly understand its dangers through the manual.

Main electrical supply

Prior to carrying out any inspection or work on the machine, disconnect it from the main electrical supply and make sure that nobody can connect it again during the technical operations. All the electrical or electronic machines or basic structures installed must be connected to the earthing system.

Inflammability

Adopt all the necessary precautions to avoid any direct contact with hot materials or flames. Put fire extinguishers near the machine for an immediate intervention in event of fire.

Pressure / Steam

Before each intervention switch off the boiler and check that residual pressures are not inside every single branch of the hydraulic circuit. They could cause steam sprays in case of disassembling of pipes or components.

Noise

The noise emission is not excessive, because it remains under 70dB(A).

10 WARNINGS

The verification of conformity to the essential safety rules and to the dispositions enclosed in the machine directive is carried out filling the checking lists arranged in advance and included in the technical file.

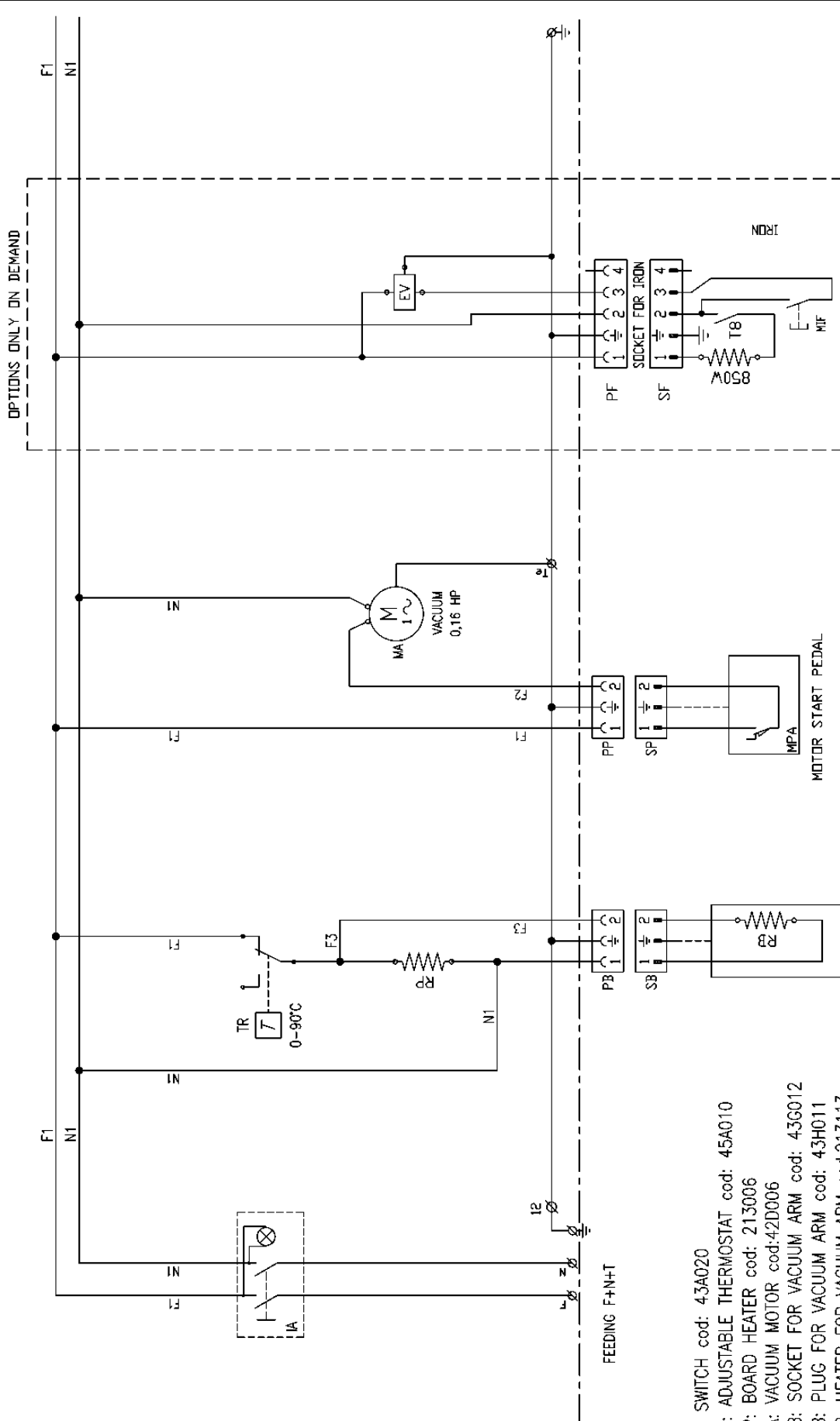
The checking lists are of two kinds:

- List of dangers (extract from EN 1050 referring to EN 292).
- Application of the essential safety characteristics (Dir. Machine – encl. 1, part 1)

11 DIMENSIONS AND SCHEMES



COMPONENTS OUTSIDE ELECTRIC BOARD



- IA: SWITCH cod: 43A020
- TR: ADJUSTABLE THERMOSTAT cod: 45A010
- RP: BOARD HEATER cod: 213006
- MA: VACUUM MOTOR cod: 42D006
- PB: SOCKET FOR VACUUM ARM cod: 43G012
- SB: PLUG FOR VACUUM ARM cod: 43H011
- RB: HEATER FOR VACUUM ARM cod: 213113
- PP: SOCKET FOR VACUUM PEDAL cod: 43G013
- SP: PLUG FOR VACUUM PEDAL cod: 43H012
- MPA: MICROSWITCH FOR VACUUM PEDAL cod: 43B001
- EV: STEAM SOLENOID VALVE cod: 39B014
- PF: SOCKET FOR IRON cod: 43G014
- SF: PLUG FOR IRON cod: 43H009

Denominazione
Description
IRONING BOARD - DORIS
220V/50Hz

TITOLO
Description
**SCHEMA ELETTRICO
ELECTRICAL WIRING**

Data 15/10/04
Dis. A.G.
Cod. S.E.B01B10
Appr.
S. Giuliano Milanese

Dis. NG
Dwg.
Foglio 1/1
Segue

GUBINI
S. Giuliano Milanese

QUESTO DISERNO VIENE CONSEGNATO ALL'ESPRESSIONE CONDIZIONE CHE NON VIENGA SENZA NS/ CONSENSO NE RIPRODOTTO NE CEDUTO AD ALTRE DITTE

12 MAINTENANCE OPERATIONS

There is not ordinary maintenance for the machine. In case of troubles or malfunctions, contact the technician for the inspection and, if necessary, for extraordinary maintenance .

Periodically it is necessary to carry out the following operations:

OPERATIONS	HOURS OF WORK
Check and replace of vacuum motor filters	2500

This machine does not require special equipment for check and maintenance operations, but use suitable tools and personal protection in respect of D.Lgs. 626/94 and in good conditions (DPR. 547/55) in order to avoid troubles to people and to parts of the machine.

Prior to carrying out any inspection or work on the machine, make sure that it is disconnected from the main electric supply.

13 DISCHARGE

During the maintenance operations, or in case of demolition, do not throw polluting elements in the environment. Look at the local laws in force for the right discharge. In case of demolition it is necessary to destroy the identification rating plate and any other document.

14 SPARE PARTS ORDER

For the spare parts request it is necessary to quote the model of the machine, the serial number, the quantity of the spare parts requested and their code number. (these data are available on the rating plate, the technical data and on the operating instructions.)

If the voltage and frequency of the electrical parts to replace are not V220-380/50Hz (check this particular characteristics on the rating plate of the part to replace), quote the right data.

The technical data, the descriptions and pictures included in this manual are not binding. The manufacturer reserves the right to make any necessary modification without notice and without updating these operating instructions.

15 MOVING AND TRANSPORT

Before its transport the machine is carefully packed in a carton box. During the transport and the stocking operations, pay attention to warnings reported on the packing. At the moment of the delivery, check that the packing is intact and put the machine in a dry place.

16 WARRANTY

All the products Ghidini are supplied with a guarantee for materials and manufacturing failures for a period of maximum 12 months from the date of the delivery.

The guarantee is extended as follows:

In case of malfunction of the machinery contact Ghidini products seller and quote the trouble, the model, serial number and the operating conditions of the machine. At the receipt of the machine and after an accurate analysis, Ghidini reserves the right to repair or to replace the product. If the machine is still under guarantee, Ghidini will repair or replace it free, but if the returned product is not defective, Ghidini reserves the right to charge the freight to the customer (transport, etc.).

This warranty must be considered annulled in case of damages caused by an incorrect use, negligence, wear and tear, chemical corrosion, installation in contrast with the operating instructions supplied by Ghidini. Any eventual modification or different use of the machine must be previously authorized by Ghidini through a written document, otherwise Ghidini can be considered free even from the guarantee bond.

The parts of the machine which are subjected to wear and tear are not included in the guarantee. All the items not explicitly cited or damages and expenses caused by the defects of the product itself. Implicitly the customer accepts the conditions of the present warranty purchasing the machine. Eventual modifications to the guarantee must be authorized by Ghidini through a written document

17 CONFORMITY CERTIFICATE

Manufacturer:

GHIDINI
Company

Via Tolstoj, 24 – 20098 S. Giuliano Milanese (MI)
Address

+39 -02 -98.24.06.00
Phone

Certifies that:

The machine:

Ironing table – DORIS

- * is built in conformity with the DIRECTIVES OF THE EUROPEAN COMMUNITY COUNCIL referring to machines (98/37/CE) and to low-tension (BT 73/23/CEE).
- * is built in conformity with the following laws and technical specifications, in what can be applied and in mutual agreement:
EN 292-1/2, EN 1050, EN 982, EN 11200, EN 60947, EN 894-1/2.

Managing director
Product manager

Roland Fleischmann
Name

GHIDINI S.R.L.
Company



Signature

December 2003
Date



Web site: <http://www.ghidini-gb.it> - E-mail: ghidini.commerciale@tin.it