



B AMBRIA GHIDINI

User's and Maintenance Manual



| Manufacturer | GHIDINI BENVENUTO s.r.l. |
|---------------|--------------------------|
| Product | Ironing table -AMBRIA |
| Year | 2005 |
| Certification | CE |

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1 INTRODUCTION

The present user's and maintenance manual refers to the ironing table "AMBRIA".

It is possible to receive the latest release from our Technical Commercial Department or by visiting our website www.ghidini-gb.it.

The present user's and maintenance manual contains important information for the operator's health safeguard and safety.

This manual has to be read and kept carefully, in order to be always at the operator's disposal in case of need.

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

Any possible modifications effected on the components of the machine or its different use without prior written authorization by Ghidini s.r.l., relieve the latter of injury to persons and / or damages to things, voiding any warranty bindings, as well.

2 GENERAL DESCRIPTION

The ironing table AMBRIA is completely self-contained and doesn't require any supporting equipment for its operation.

This machine uses an external power supply for its operation.

The machine features a broad universal ironing board and (on request) a sleeve shape with vacuum (both of which are padded and electrically heated), as well as a garment tray, a control panel to adjust the board temperature and to operate the different work stations, a professional steam iron, a built-in boiler with automatic water feeding and an automatic pressure control. Furthermore, it is possible to install on request a steam-air gun, a heated egg shape and a stainless steel spotting shape.

The operation is very user-friendly and efficient, thanks to its control by pedal.

3 MACHINE IDENTIFICATION

A tag placed on one side of the machine indicates the type, serial number, year of construction and the voltage.

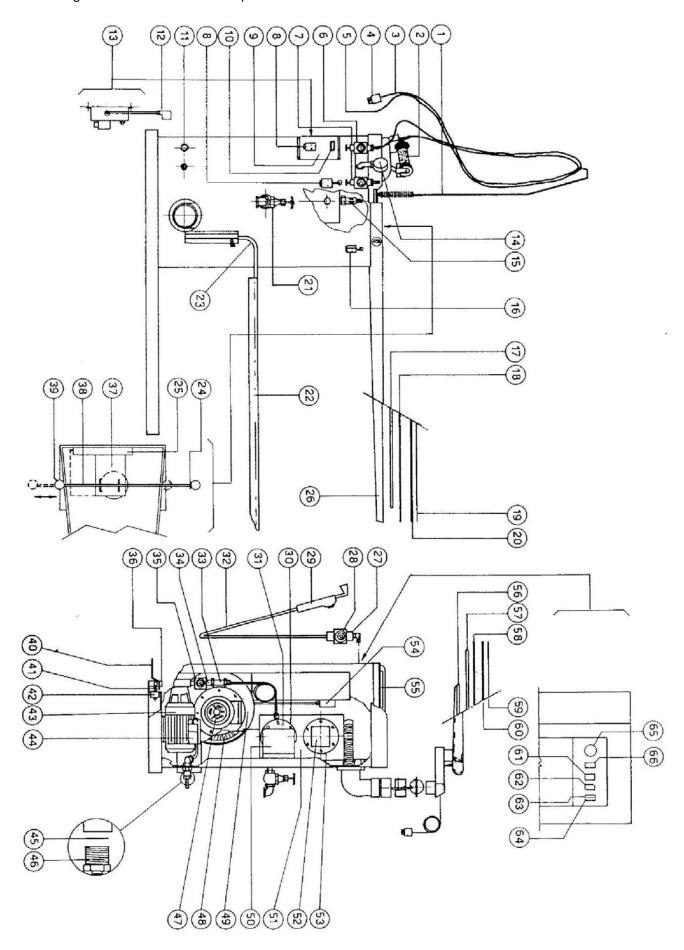
4 TECHNICAL FEATURES

| Power supply | 230V – 1ph / 50 Hz |
|---|---|
| , | 230-400V – 3ph / 50 Hz |
| Power consumption | Boiler Steam Sleeve Table |
| | 3,3-3,9-4,8 Kw 0,83 Kw 0,14 Kw 1 Kw |
| Vacuum motor | 0,6 Hp |
| Pump motor | 0,5 Hp |
| Steam pressure | 2,6 bar |
| Steam consumption | 2 ÷ 10 Kg/h |
| Sound intensity level | < 70 dB(A) |
| Working temperature | + 5 ÷ + 80 °C |
| Working humidity | 90 % max. |
| Storing temperature | - 20 ÷ + 50 °C |
| Net dimension 1550 x 550 x 950 mm. | |
| Net weight | 87 Kg |
| Overall dimensions (packaging included) | 1520 x 580 x 1000 mm |
| Gross weight (packaging included) | 110 Kg |

WARNING: The machine must not be supplied with different voltages than those indicated on the table.

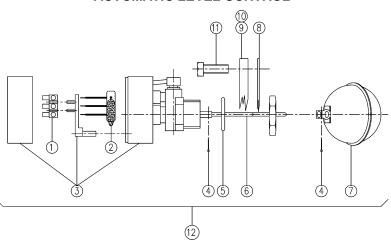
5 MACHINE COMPONENTS

The following are the main machine components:



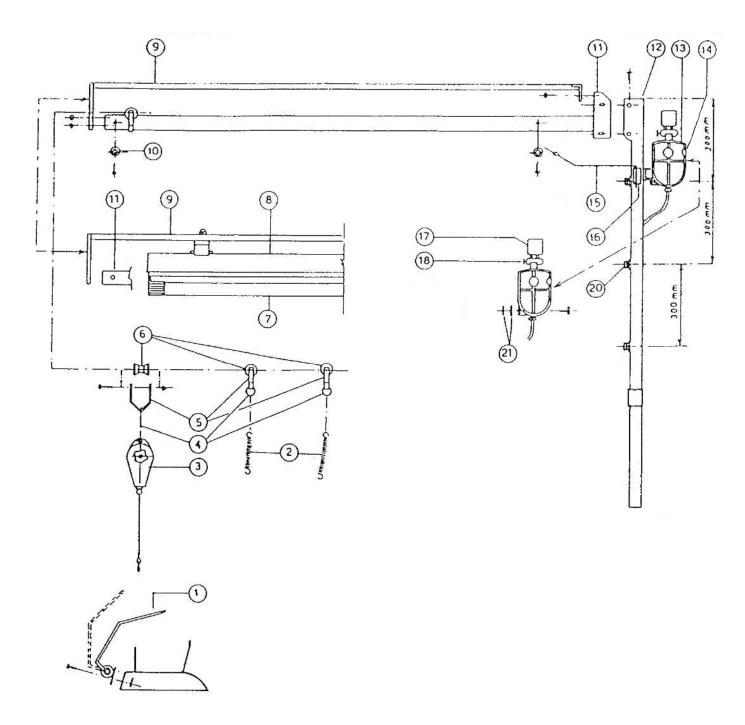
| Pos. | ARTICLE | DESCRIPTION | Pos. | ARTICLE | DESCRIPTION |
|------|---------|---|------|---------|----------------------------------|
| 1 | 534269 | Antenna for cable | 34 | 39B036 | Water solenoid valve |
| 2 | Z01L10 | Steam iron type U | 35 | 39H038 | Coil for water solenoid valve |
| 3 | Z23C00 | Electric cable | 36 | | |
| 4 | 43H009 | Iron plug by Ilme | 37 | 173329 | Plate out of stainless steel |
| 5 | 07A001 | Steam tube | 38 | 184466 | Rod for stainless steel plate |
| 6 | 39H043 | Coil for steam iron solenoid valve | 39 | 52C003 | Knob |
| 7 | 39B012 | Steam solenoid valve for iron | 40 | 175103 | Vacuum pedal |
| 8 | 43G007 | Iron socket by Ilme | 41 | | |
| 9 | 173441 | Small control case for 2nd iron fitting | 42 | 43D002 | Vacuum micro-switch |
| 10 | 43A020 | 2nd iron switch | 43 | 42B011 | Water pump 230V / 50Hz |
| 11 | | Power supply inlet | 44 | 42G021 | Pump condenser MF 10 |
| 12 | 301016 | Connector | 45 | 174356 | Water filter |
| 13 | Z18M00 | Complete fitting for second iron | 46 | 36E006 | Hose holder Ø12mm |
| 14 | 35A004 | Pressure gauge | 47 | 42A002 | Vacuum motor 230V / 50-60Hz |
| 15 | 38S001 | Safety valve | 48 | 42H002 | Vacuum fan Ø180x72 |
| 16 | 43G006 | Socket for heated shape by Ilme | 49 | 340017 | Vacuum fan wheel box |
| 17 | 213123 | Table heater 1000 Watt | 50 | 172102 | Safety cover |
| 18 | 161020 | Perforated plate for universal table | 51 | 202128 | Boiler |
| 19 | 274103 | Padding and cloth for maxi table | 52 | E 02 | Automatic level control |
| | 274123 | Fadding and cloth for maxi table | 53 | 244236 | Flange gasket Ø135mm |
| 20 | Z27P31 | Padding and cloth for universal table | 54 | 45G001 | Pressure switch 2 ÷ 5,5 bar |
| 21 | 37A010 | Gate valve for boiler exhaust | 55 | 25A001 | Iron rest out of silicone |
| 22 | 274203 | Cloth for garment tray | 56 | 340019 | Sleeve shape |
| 23 | 175005 | Garment tray | 57 | 213134 | Sleeve shape heater 140 W |
| 24 | 161037 | Stainless steel rail | 58 | 173323 | Sleeve shape plate |
| 25 | 24A011 | Or-ring | 59 | Z27P14 | Sleeve shape cloth |
| 26 | 162114 | Universal table | 60 | | Padding and net for sleeve shape |
| 27 | 39B012 | Solenoid valve for steam gun | 61 | 43A020 | Sleeve shape switch |
| 28 | 39H043 | Coil for steam gun solenoid valve | 62 | 43A014 | Iron switch |
| 29 | Z07A00 | Steam gun | 63 | 43A043 | Main switch |
| 30 | 244236 | Flange gasket Ø135mm | 64 | 43A016 | Boiler warning light |
| | 212061 | Boiler heater 3,9 kW | 65 | 45A010 | Table thermostat |
| 31 | 212060 | Boiler heater 3,3 kW | 66 | 43A046 | Voltage warning light |
| | 212063 | Boiler heater 4,8 kW | 67 | 43A014 | Boiler switch |
| 32 | 07A002 | Steam tube out of silicone | 68 | 43A016 | Water warning light |
| 33 | 38W001 | Check valve | | | |

AUTOMATIC LEVEL CONTROL



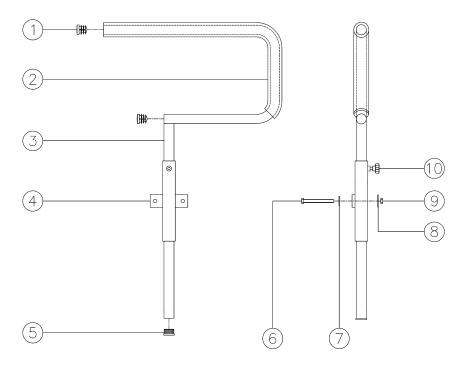
| Pos. | ARTICLE | DESCRIPTION | Pos. | ARTICLE | DESCRIPTION |
|------|---------|-------------------------|------|---------|---------------------------------------|
| 1 | 43J001 | Clamp | 7 | 49G001 | Ball |
| 2 | 49D014 | Microswitch | 8 | 244236 | Flange gasket |
| 3 | | | 9 | 183270 | Flange Ø135 |
| 4 | 51P007 | Split pin Ø2 x 20 | 10 | 183273 | Flange Ø135 with ISPESL certification |
| 5 | 24E003 | Level gasket | 11 | 50A016 | Screw M10 x 25 ASTM-A193-B7 |
| 6 | 184318 | Supporting floating rod | 12 | 49A002 | Complete automatic level |

IRON AND LIGHTING RAIL



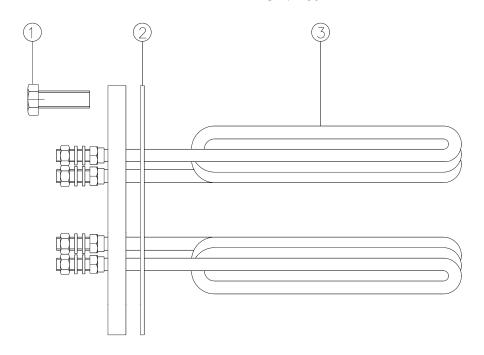
| Pos. | ARTICLE | DESCRIPTION | Pos. | ARTICLE | DESCRIPTION |
|------|---------|------------------------------|------|---------|---|
| 1 | Z08M00 | Iron support fitting | 14 | Z75010 | Insulator for condense vessel |
| 2 | 534264 | Spring | 15 | 174520 | Accessory holder |
| 3 | 43A001 | Balancing device | 16 | 174521 | Bracket for accessory holder |
| 4 | 51X010 | Ring | 17 | 39H043 | Coil for steam iron solenoid valve |
| 5 | 174022 | Bracket | 18 | 39B012 | Steam iron solenoid valve |
| 6 | 56B002 | Complete wheel | 19 | 175108 | Supporting bracket for condensation separator |
| 7 | 43C009 | Lamp 36W - 230V | 20 | 46R005 | Cable holder |
| 8 | 43C007 | Complete upper light fixture | 21 | 244244 | Gasket 30x7x3 |
| 9 | 174084 | Front lamp support | 22 | 43K005 | Switch box |
| 10 | 22A002 | Bumper foot | 23 | 43A003 | Switch |
| 11 | 173304 | Track L150 | 24 | 43H001 | Plug |
| ' ' | 173025 | Track L178 | 25 | 174017 | Spacer L35 |
| 12 | 173028 | Upper column | 26 | 174016 | Spacer L43 |
| 13 | 202052 | Condensation separator | 27 | 173011 | Bottom column |

LEG DIVIDER (SHORT TYPE)



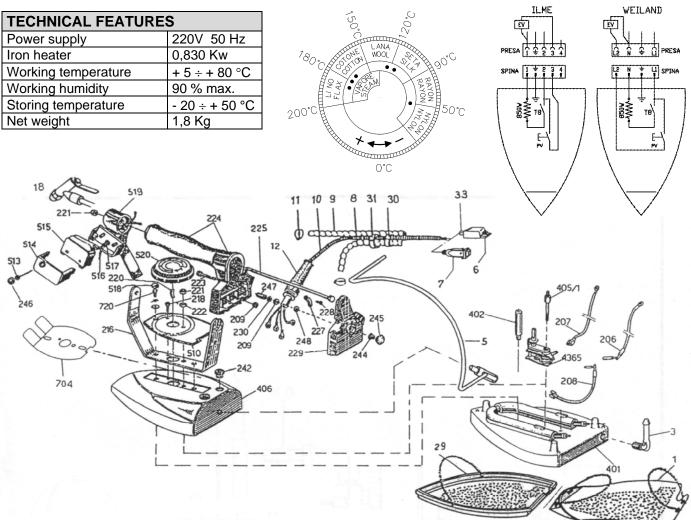
| Pos. | ARTICLE | DESCRIPTION | Pos. | ARTICLE | DESCRIPTION |
|------|---------|-----------------------|------|---------|-------------|
| 1 | 22K021 | Cap | 6 | 50A029 | Screw M6x60 |
| 2 | 07A007 | Isolating rubber tube | 7 | 50J009 | Washer 6x18 |
| 3 | 173035 | Leg divider | 8 | 50J008 | Washer 8x24 |
| 4 | 173027 | Leg divider support | 9 | 51A003 | Nut M6 |
| 5 | 22K025 | Cap 20 x 20 | 10 | 52A004 | Handwheel |

HEATER FLANGE Ø130



| Pos. | ARTICLE | DESCRIPTION | Pos. | ARTICLE | DESCRIPTION |
|------|---------|--------------|------|---------|----------------------|
| 1 | 50A016 | Screw M10x25 | | 212061 | Boiler heater 3,9 kW |
| 2 | 244236 | Gasket | 3 | 212060 | Boiler heater 3,3 kW |
| | | | | 212063 | Boiler heater 4,8 kW |

STEAM IRON TYPE "U"



| 4365 45A005 Thermostat with thermofuse 224 222056 Handle 720 184453 Fixing screw for body 223 184457 Fixing screw for handle 704 253297 Hand protection plate 222 514057 Fixing nut for body 520 224217 Hand wheel 221 514056 Nut for handle rod 519 173236 Micro-switch support 220 534288 Hand wheel spring 518 22K038 Cap for body screw 218 184455 Fixing screw for body 517 224217 Sheathing 216 172057 Handle support 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat terminal board 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal board | | | | | No. 200 | |
|---|-------|---------|--|-----|---------|---|
| 720 184453 Fixing screw for body 223 184457 Fixing screw for handle 704 253297 Hand protection plate 222 514057 Fixing nut for body 520 224217 Hand wheel 221 514056 Nut for handle rod 519 173236 Micro-switch support 220 534288 Hand wheel spring 518 22K038 Cap for body screw 218 184455 Fixing screw for body 517 224217 Sheathing 216 172057 Handle support 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat terminal board 513 184451 Micro-switch screw 206 304280 Electrical wiring for thermostat terminal board 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp | Pos. | ARTICLE | DESCRIPTION | Pos | ARTICLE | DESCRIPTION |
| 704 253297 Hand protection plate 222 514057 Fixing nut for body 520 224217 Hand wheel 221 514056 Nut for handle rod 519 173236 Micro-switch support 220 534288 Hand wheel spring 518 22K038 Cap for body screw 218 184455 Fixing screw for body 517 224217 Sheathing 216 172057 Handle support 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat heate 514 43K007 Micro-switch screw 206 304280 Electrical wiring for thermostat terminal board 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 402 174019 Body column 29 223E01 Stiffened teflon shoe 401 </td <td></td> <td>45A005</td> <td>Thermostat with thermofuse</td> <td>224</td> <td>222056</td> <td>7 7217 7217</td> | | 45A005 | Thermostat with thermofuse | 224 | 222056 | 7 7217 7217 |
| 520 224217 Hand wheel 221 514056 Nut for handle rod 519 173236 Micro-switch support 220 534288 Hand wheel spring 518 22K038 Cap for body screw 218 184455 Fixing screw for body 517 224217 Sheathing 216 172057 Handle support 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat heate 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal board 510 264350 Plate 33 224255 Cable holder for plug 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 223E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun < | 720 | 184453 | Fixing screw for body | 223 | 184457 | |
| 519 173236 Micro-switch support 220 534288 Hand wheel spring 518 22K038 Cap for body screw 218 184455 Fixing screw for body 517 224217 Sheathing 216 172057 Handle support 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat heate 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal board 510 264350 Micro-switch screw 206 304280 Electrical wiring for thermostat terminal board 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 407 174019 Body column 30 224215 Little spring 401 253254 Plate with heater 18 25A002 Water spray gun <tr< td=""><td>704</td><td>253297</td><td>Hand protection plate</td><td>222</td><td>514057</td><td>Fixing nut for body</td></tr<> | 704 | 253297 | Hand protection plate | 222 | 514057 | Fixing nut for body |
| 518 22K038 Cap for body screw 218 184455 Fixing screw for body 517 224217 Sheathing 216 172057 Handle support 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43B009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat heate 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal board 513 184451 Micro-switch screw 206 304280 Electrical wiring for thermostat terminal board 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 244 184449 Isolating washers 12 224210 Cable holder | 520 | 224217 | Hand wheel | 221 | 514056 | Nut for handle rod |
| 517 224217 Sheathing 216 172057 Handle support 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat heate 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal board 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 | 519 | 173236 | Micro-switch support | 220 | 534288 | Hand wheel spring |
| 516 304284 Micro-switch wires 209 514055 Nut for terminal board 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat heate 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal board 513 184451 Micro-switch screw 206 304280 Electrical wiring for heater terminal board 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 <td>518</td> <td>22K038</td> <td>Cap for body screw</td> <td>218</td> <td>184455</td> <td>Fixing screw for body</td> | 518 | 22K038 | Cap for body screw | 218 | 184455 | Fixing screw for body |
| 515 43D009 Micro-switch complete of wires and sheathing 208 304282 Electrical wiring for thermostat heater 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal beart 513 184451 Micro-switch screw 206 304280 Electrical wiring for heater terminal boar 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 9 07A002 Silicone tube 244 <td< td=""><td>517</td><td>224217</td><td>Sheathing</td><td>216</td><td>172057</td><td>Handle support</td></td<> | 517 | 224217 | Sheathing | 216 | 172057 | Handle support |
| 514 43K007 Micro-switch case 207 304281 Electrical wiring for thermostat terminal bases 513 184451 Micro-switch screw 206 304280 Electrical wiring for heater terminal boar 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 | 516 | 304284 | Micro-switch wires | 209 | 514055 | Nut for terminal board |
| 513 184451 Micro-switch screw 206 304280 Electrical wiring for heater terminal boar 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 | 515 | 43D009 | Micro-switch complete of wires and sheathing | 208 | 304282 | Electrical wiring for thermostat heater |
| 510 264350 Plate 33 224255 Cable holder for plug 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 | 514 | 43K007 | Micro-switch case | 207 | 304281 | Electrical wiring for thermostat terminal board |
| 406 253255 Body 31 224260 Wire clamp 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by llme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger | 513 | 184451 | Micro-switch screw | 206 | 304280 | Electrical wiring for heater terminal board |
| 405/1 174020 Thermostat column 30 224215 Little spring 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by llme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable ho | 510 | 264350 | Plate | 33 | 224255 | Cable holder for plug |
| 402 174019 Body column 29 Z23E01 Stiffened teflon shoe 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by llme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 406 | 253255 | Body | 31 | 224260 | Wire clamp |
| 401 253254 Plate with heater 18 25A002 Water spray gun 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 405/1 | 174020 | Thermostat column | 30 | 224215 | Little spring |
| 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 402 | 174019 | Body column | 29 | Z23E01 | Stiffened teflon shoe |
| 248 184449 Isolating washers 12 224210 Cable holder 247 174018 Earth spacer 11 51X005 Clip 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 401 | 253254 | Plate with heater | 18 | 25A002 | Water spray gun |
| 246 22K037 Micro-switch cap 10 Z23C00 Electrical wire 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 248 | 184449 | Isolating washers | 12 | 224210 | |
| 245 22K036 Nut cap 9 07A002 Silicone tube 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 247 | 174018 | Earth spacer | 11 | 51X005 | Clip |
| 244 514058 Nut for rear cover 8 07A001 Rubber tube 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 246 | 22K037 | Micro-switch cap | 10 | Z23C00 | Electrical wire |
| 242 224245 Rubber cap for wire holder 7 43H009 Plug by Ilme 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 245 | 22K036 | Nut cap | 9 | 07A002 | Silicone tube |
| 230 184448 Indented washer 6 43H002 Plug by Wieland 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 244 | 514058 | Nut for rear cover | 8 | 07A001 | Rubber tube |
| 229 222133 Rear cover 5 174009 Jointed iron hanger 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 242 | 224245 | Rubber cap for wire holder | 7 | 43H009 | Plug by Ilme |
| 228 184450 U-bolt screw 3 364297 Cable hose 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 230 | 184448 | Indented washer | 6 | 43H002 | Plug by Wieland |
| 227 174353 Fixing U-bolt 1 Z23E00 Teflon shoe | 229 | 222133 | Rear cover | 5 | 174009 | Jointed iron hanger |
| | 228 | 184450 | U-bolt screw | 3 | 364297 | Cable hose |
| 225 183255 Handle rod | 227 | 174353 | Fixing U-bolt | 1 | Z23E00 | Teflon shoe |
| | 225 | 183255 | Handle rod | | | |

6 MACHINE UNPACKING 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 the packaging. Make sure that the machine has not been damaged during the transport and the storage.

The packaging material does not require any special precautions for its disposal, for it is not dangerous or polluting at all. Please refer to the local regulations for its disposal.

6.2 MACHINE INSTALLATION

The machine has not to be anchored to the floor.

For a correct use and operation, as well as for an easy maintenance, leave enough free space around the machine.

Do not place the machine in dangerous and/or explosive/inflammable places.

6.3 ELECTRICAL WIRING

The electrical wiring must be carried out as indicated in the drawing. Check that the supply voltage and the frequency correspond to those indicated on the rating plate. The dimensions of the supply cable must suit the machine absorption and comply to the current regulations. It is advisable to install a switch with fuses or a magnetothermal one. Put the cable in the cable passage hole, then tighten. Connect the cable to the terminals of the feeder line on the control panel, as shown on the drawing of the present manual. Check the rotation direction of the motors; if not correct, invert two of the three input phases with each other.

ATTENTION: After having carried out all the electrical connections, make sure that the cables are protected against any possible hits and are suitably fixed and isolated.

6.4 WATER CONNECTION AND BOILER EXHAUST

Connect the water pipes to the cable passage Ø12 of the machine. Install an on-off valve and a filter on the water inlet, which has to be closed each evening, in order to avoid any water sucks into the boiler. Connect the gate valve of the boiler exhaust (with a G 3/8" threading) to the drainage system.

7 INSTRUCTIONS FOR USE

7.1 PUTTING INTO OPERATION

- The whole unit can be used, opened and repaired by qualified technicians only.
- It is forbidden to use the machine if flooded by liquids or in particularly aggressive or explosive/inflammable places.
- Do not ignore the dangers for the operator's health and follow the hygienic and safety regulations.
- Check that the electrical wiring is carried out correctly according to the current regulations, and that the fuse blocks are closed and complete of fuses.
- Make sure that the machine is intact.

7.2 USE

- Open the on-off valve of the water supply.
- Turn on the main switch of the machine.
- Press the boiler button.
- The warning light of the water supply switches on automatically (the water starts running into the boiler).
- Once the water has reached the required level the relevant warning light switches off automatically, whereas the one of the boiler heater turns on.
- After a few minutes the boiler reaches the working pressure of 2.6 bar (check the pressure on the pressure gauge), the relevant warning light switches off automatically.
- The generator is now ready to supply steam.
- Adjust the board temperature by means of the thermostat wheel.
- Wait until the boards reach the required temperature.
- Push the pedal to put the air suction on boards into operation.
- At the end of the work, turn off the table by means of the relevant buttons.

7.3 USE OF THE SLEEVE SHAPE

• By drawing the sleeve shape towards the ironing surface, the valve on the inside will open automatically. Push the pedal for the vacuum operation.

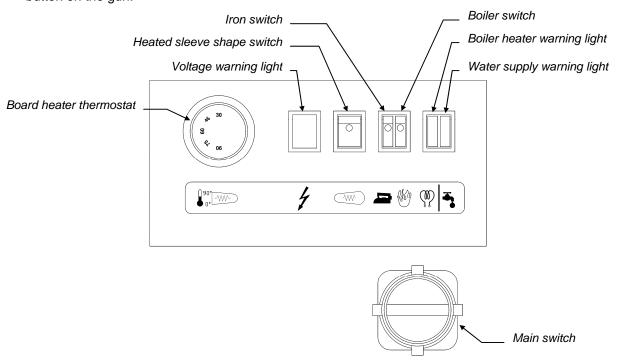
7.4 USE OF THE STEAM IRON TYPE "U"

• Turn on the iron switch.

- Switch on the iron a few minutes before you start working, until the soleplate has reached the adjusted temperature.
- In case the temperature of the soleplate has to be kept very high, we recommend to apply a Teflon[®] shoe in order to prevent burns of the garment.

7.5 USE OF THE STEAM-AIR GUN

- Place the garment to be treated onto the spotting shape, making sure that it lies exactly on the vacuum part.
- Push the vacuum pedal; by turning the condensation-jet of the gun first towards a tank until only steam comes out.
- Draw the gun closer to the part to be treated, by pushing at the same time both the vacuum and the steam pedal.
- Once the stain is dissolved, dry the treated part by pushing simultaneously the vacuum pedal and airbutton on the gun.



8 TROUBLESHOOTING AND SOLVING

The following diagnostic table indicates the main irregularities, which can occur, the probable causes and their possible solutions

In case of doubts and/or of problems, which can't be solved, do not attempt to disassemble parts of the machine for the troubleshooting, but contact our Technical Department or the Ghidini-reseller, instead.

| | DIAGNOSTIC TABLE | |
|-----------------------------------|--------------------------------------|---|
| PROBLEMS | POSSIBLE CAUSES | SOLUTIONS |
| No suction on the boards | Micro-switch of the pedal defect | Replace the micro-switch |
| The boards do not heat up | Thermostat defect | Replace the thermostat |
| The machine doesn't turn on | Main switch not on | Check if the main switch is on and the |
| | | fuses. |
| | Switch turned off | Turn on the switch |
| No steam is coming out | Iron or boiler switch not turned on. | Turn the switches on |
| The water warning light is turned | No water is streaming into the | Check if the water cock is open. |
| on and the water pump keeps | boiler | Check the presence of pressure inside the |
| on running without stopping | | water mains. |
| | | Check if the water filter is obstructed. |
| The heater warning light is | Leak on the boiler exhaust | Check if the gate valve of the boiler exhaust |
| always switched on and the | | is well closed. |
| boiler doesn't reach the working | Burnt heater or covered with scale | Check the heater condition. |
| pressure | | |

<u>ATTENTION:</u> if the safety valves is released, switch the boiler immediately off and contact a qualified technician. Do not block the exhaust and do not underestimate the problem, as there could be risk of explosion.

9 PRECAUTION

Read carefully the instructions and the risks related to the use of an ironing table. The operator has to know its working functions and must clearly understand its dangers with the help of the manual.

If the machine features a steam iron, do not leave it switched on too long and place it always on the relevant iron rest. The ironing boards and the soleplate of the iron remain hot for some minutes after their switching-off, please pay therefore attention to the risks of burns and do not put objects on the table until its complete cooling-down.

Main electrical supply

Prior to carrying out any inspection or service on the machine, it is necessary to disconnect it from the main electrical supply. Make sure, that nobody can reconnect it during the technical service.

Every installed electrical or electronic equipment must be earthed.

Inflammability

Adopt all the necessary precautions to avoid any direct contact of the machine 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 first and check that there are no residual pressures inside the boiler or in any branch of the hydraulic circuit, as they could cause steam or product spurts, in case of disassembly of fittings or other components.

Noise

The machine's noise level is not very high, as it remains under 70dB (A).

10 HAZARDOUS USE

The conformity verification, according to the essential safety rules and to the provisions of the machine directive, has already been carried out by filling out the specially provided checking lists that are included in the technical file. The checking lists are of two kinds:

- List of dangers (drawn from EN 1050 referring to EN 292)
- Application of the main safety features (Machine Directive

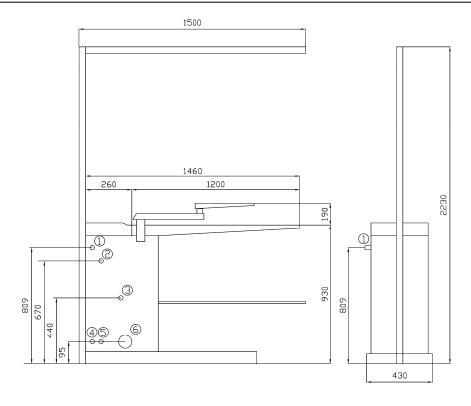
 appendix. 1, part 1)

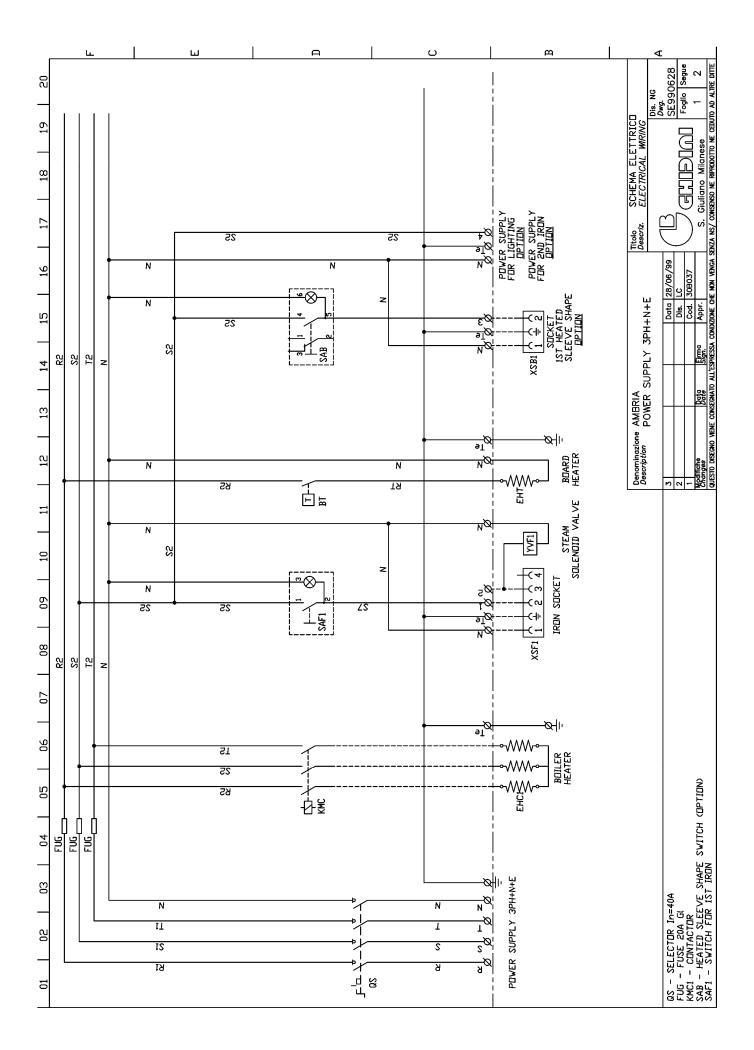
The dangers described in the following have not been completely removed, but they have been deemed to be acceptable:

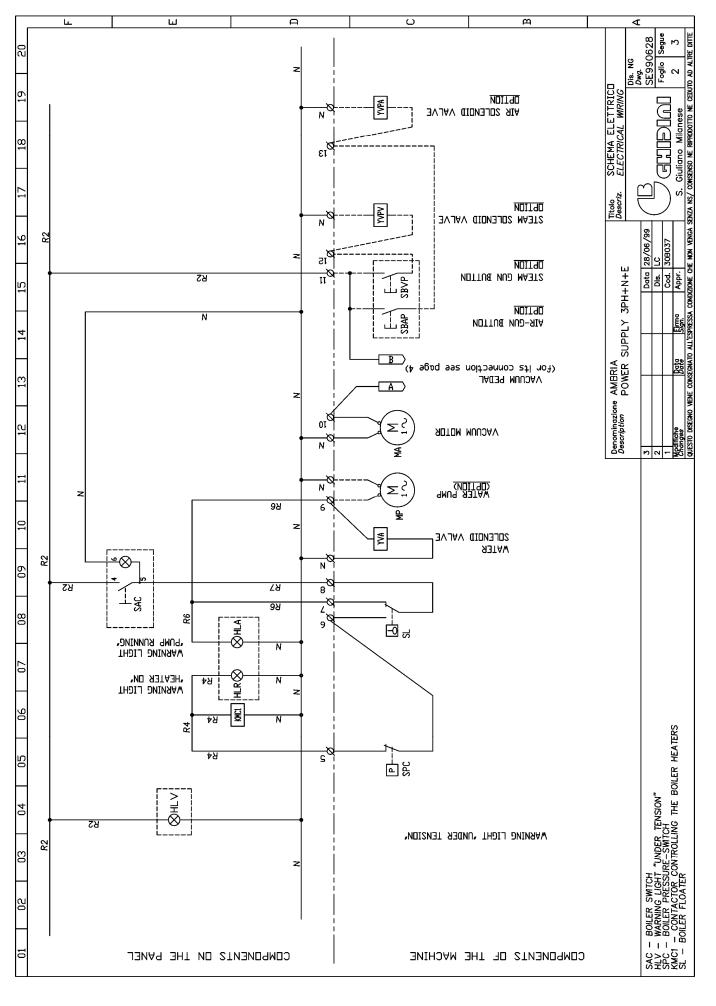
- During the maintenance operation there could be some steam jets at low pressure, (maintenance operation must therefore be carried out by using suitable protection devices)
- The user must provide for a protection against direct and indirect contacts.

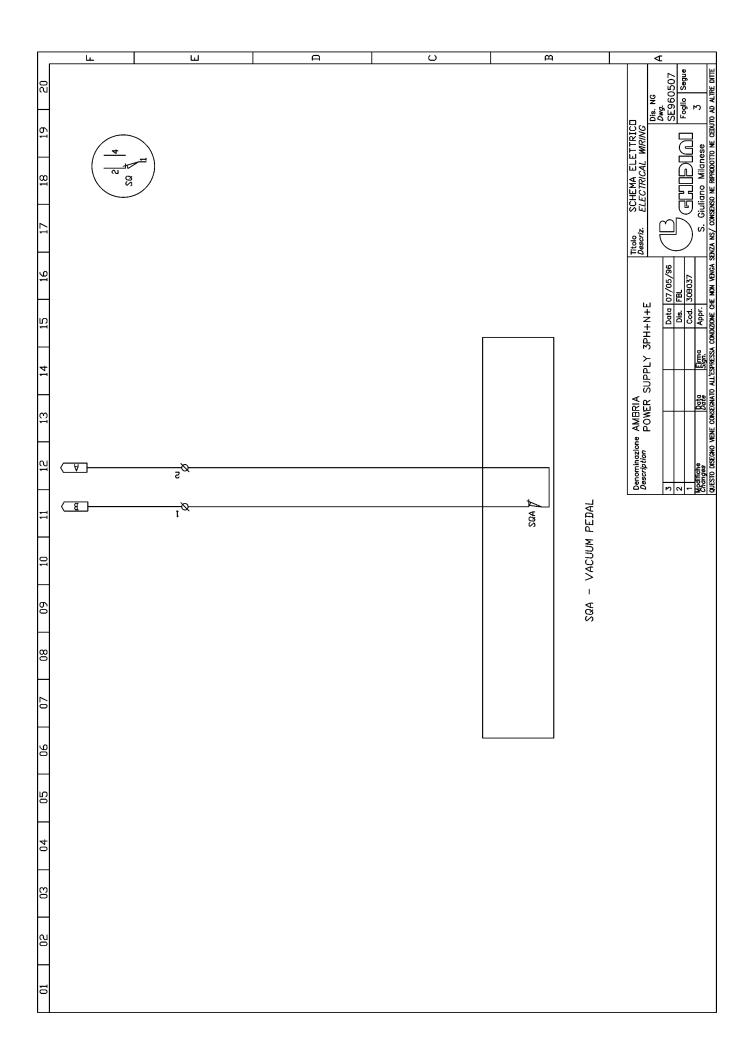
11 6 OVERALL DIMENSIONS AND DRAWINGS

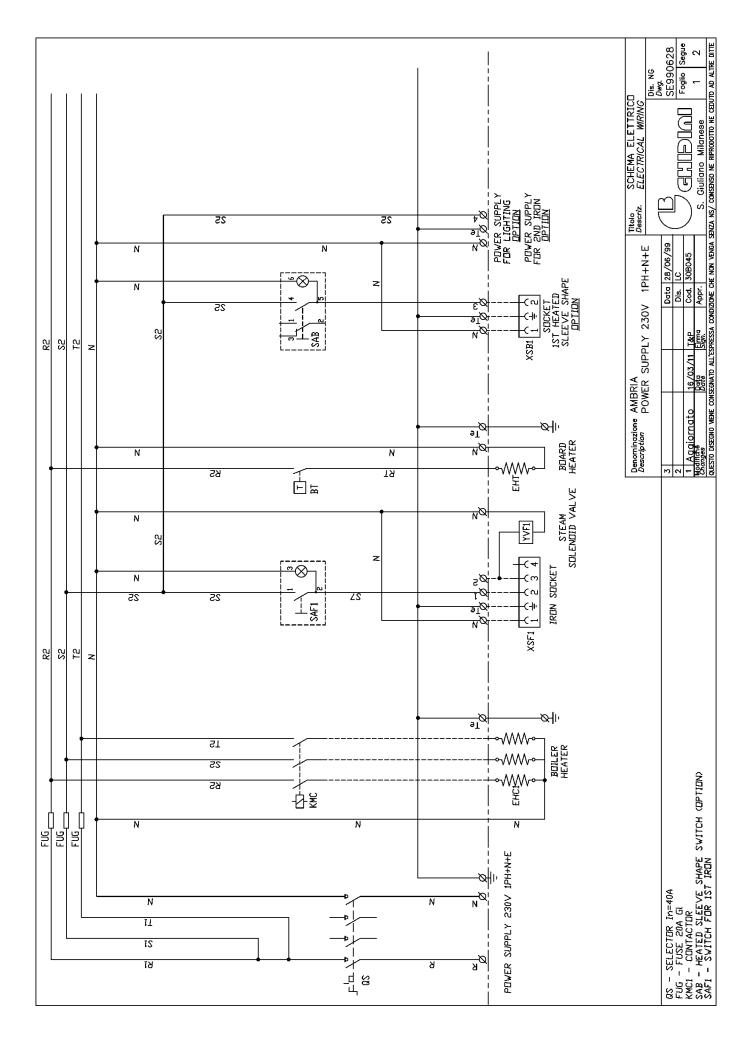
| 1 – Steam inlet | 3 – Boiler exhaust | 5 – Water inlet |
|-------------------------|--------------------|--------------------|
| 2 – Condensation return | 4 – Power supply | 6 – Vacuum exhaust |
| Z – Condensation return | T - I Ower Supply | 0 – Vacuum exmaust |

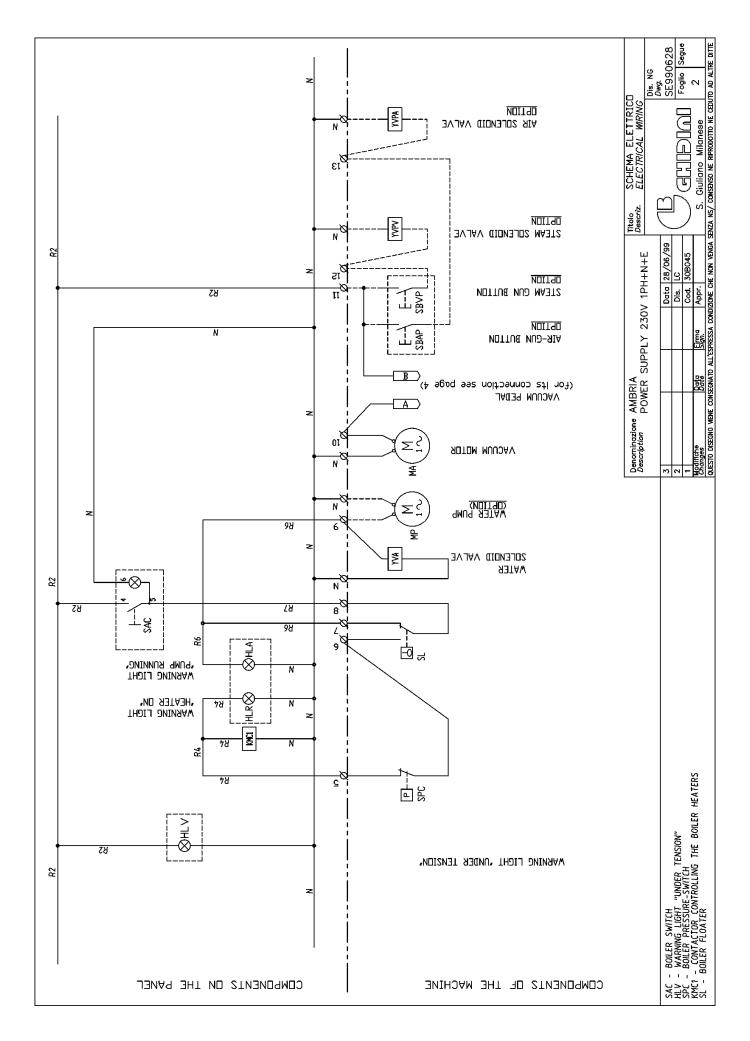












12 MAINTENANCE PROCEDURES

In case of irregularities or malfunctioning, please contact the service technician for the relevant checks.

Periodically, it is necessary to carry out the following operations:

| OPERATION | Working hours |
|--|---------------|
| Boiler discharge (*) | 40 |
| Cleaning of the water filter | 1500 |
| Cleaning both of boiler and heating elements | 2500 |
| Cleaning of the condensation return filter | 500 |

(*): Discharge the boiler once it has reached 1 bar of pressure, in order to remove any limescale or dirt deposits. When the machine is switched off, open slowly the gate valve of the boiler exhaust. We recommend to carry out this operation before you start working and not in the evening at the end of work, as the fresh water streaming into the boiler is rich in oxygen, increasing during the night the corrosion process inside the drum.

This machine does not require special equipment for check and/or maintenance operations. It is however advisable to use suitable tools and personal protections in compliance with the Italian law by decree 626/94, which have to be in good conditions (Presidential Decree 547/55), in order to avoid any damages to persons or machine components.

Make sure that the power supply is disconnected prior to any maintenance service and that the whole equipment is cooled down.

13 DISPOSAL

During the maintenance on the machine, or in case of its scrapping, please dispose carefully and correctly of any polluting components, according to the local regulations. In case of scrapping, the identification rating plate and any other document have to be destroyed.

14 HOW TO ORDER SPARE PARTS

Upon the spare parts request, please quote always:

Machine type, serial number, quantity of the requested spare parts, article number (these data can be read on the rating plate or supplied by the technical information of the machine and by the user's and maintenance manual). For electrical components with a different voltage and frequency than V 230-380 50Hz (data available on the rating plate of the faulty component), specify the right voltage and frequency after having mentioned the article number. 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 or having to up-date the present manual.

15 HANDLING AND TRANSPORT

Before its shipment, the machine is carefully packed in a carton box. During the shipment and storing of the machine, pay particular attention to the upside indication on the packaging. Upon receipt, please check that the packing is intact and store the machine in a dry place.

16 WARRANTY

All Ghidini products are guaranteed for a maximum period of 12 months from delivery date as far as material and construction defects are concerned.

The warranty is extended as follows:

In case of malfunction of the equipment, please contact your Ghidini reseller, specifying the noticed defect, type, serial number and furthermore the operating conditions of the machine. After having received the equipment or component and after an accurate analysis, Ghidini reserves the right to repair or to replace the product. If the machine is still under guarantee, the Ghidini reseller will carry out the service or replacement at Ghidini's charge. In case the returned goods are not defective, Ghidini reserve the right to charge the customer with the met expenses (shipment, etc.). The present warranty will be declared void, if the machine has been damaged due to improper use, negligence, normal wear, chemical corrosion, installation not according to the provided instructions and to the manufacturer's warnings.

Any modification, tampering and alteration on the machine or its components, carried out without prior written authorization by Ghidini, relieve the latter of any responsibility and annul any warranty obligation. The components subject to normal wear and the perishable ones are not under warranty, as well as everything which has not been previously explicitly indicated, or damages or expenses arising from defects of the same product.

The validity conditions of the guarantee provided by Ghidini are considered implicitly accepted upon purchase of the machine. Any possible changes to or derogations from the present guarantee are only valid prior written authorization by Ghidini.

17 CONFORMITY DECLARATION

| The Manufacturer | : |
|---|---|
| | GHIDINI |
| | Company |
| | <u>Via Tolstoj, 24 – 20098 S. Giuliano Milanese (MI)</u> Address |
| | +39 -02 -98.24.06.00 |
| | Phone number |
| Declares that: | |
| The machine: | Ironing table – AMBRIA |
| | |
| | |
| has been designed in COUNCIL referring to | n compliance with the DIRETTIVE DIRECTIVES OF THE EUROPEAN COMMUNITY machines (98/37/EC) and to low voltage (BT 73/23/CEE). |

has been designed, as far as enforceable, in compliance with the following harmonized regulations and

Managing director Roland Fleischmann

Product manager Name

EN 292-1/2, EN 1050, EN 982, EN 11200, EN 60947, EN 894-1/2.

GHIDINI S.R.L.

technical specifications:

Company

December 2005

Signature Date

