



IRONING PRESSING MACHINERIES – FUSING PRESSES

Instruction Manual
Eco FL (S+B)



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1. ATTENTION!!!

Please read this instruction manual very carefully before you start using your new Ironing Table.

The customer by purchasing this product declares that he is fully aware, and accepts everything mentioned in this operating manual.

Primula SA assumes neither responsibility for any errors herein, nor for incidental nor for resulting damage in connection with the performance or use of this operating manual.

You may not copy, reproduce, or translate this operating manual, or parts of it, to another language without prior written consent of Primula SA

Any information in this manual may be subject to change without any prior notice.

CAUTION! PLEASE READ CAREFULLY THE INSTRUCTION MANUAL BEFORE INSTALLING THE IRONING TABLE!!!

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2. Technical Details

2.1 Identification Data

The Ironing Table, that you have purchased, is a machine of high advanced technology with many advantages, unique in its kind. It is manufactured according to International and European safety standards by a company with experience, since 1969, in this sector. Congratulations for your choice!

Regarding its characteristics, the Ironing Table includes a serial number plate (see below) where all its specifications are displayed. Every warning and symbol that is placed on the Ironing Table is in accordance with the specifications of the European standards.

The serial number plate has been placed in a visible place on the Ironing Table and is made from fadeless material.

Amongst others, the Serial Number plate displays the following:

- Company Logo
- Manufacturer Information
- Model
- Serial Number
- Rated Voltage of Use
- Rated Frequency of Use
- Year of manufacturing
- Accumulated Installed Wattage



Picture 1: Serial Number Plate

2.2 Use of the Instruction Manual

The correct assembly and adjustment of the machine is vital to the safety of the user and the machine's life span. For this reason, the installation, alteration, replacement or extension of the machine should only be performed by qualified personnel.

Under no circumstances is the intervention allowed in the machine, unless it's for the planned maintenance by an unauthorized engineer.

If you remain uncertain regarding the correct assembly of the machine after reading the instructions, contact the manufacturer or an authorized representative before starting the operation of the machine.

2.3 Technical Characteristics

Ironing table with heating and suction.

The flat ironing surface is suitable for underpressing seams, linings and ironing small parts such as collars, cuffs, pockets and T-shirts, shirts, blouses as well. Suitable for garment industries, workshops and ateliers. It can accommodate one or two ironing bucks.

2.4 Technical Description

Model	Eco FL
Working Surface	130X65 cm (standard)
Standard height	85 cm
Heating Power	1 KW
Suction Power	0.50 HP
Power supply	400V-3ph- 50Hz/60Hz or 230V-1ph- 50Hz/60Hz

3. General Rules and Warnings

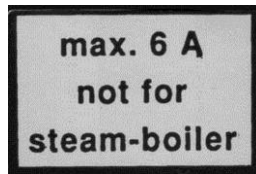
3.1 General rules of using the Ironing Table

For the safe usage of your Ironing Table, please read the following operating instructions carefully, as listed below:

- Install, use and maintain the Ironing Table according to the instructions in this manual. Otherwise, the manufacturer has no responsibility for the possible failed operation or safety.
- Before connecting the power supply, check that the voltage corresponds to the voltage indicated on the technical specifications.
- Connect the machine only to a power supply that meets the minimum required frequency and is properly grounded. Do not leave the Ironing Table while it is operating and is on power without supervision.
- Use the Ironing Table **ONLY** for the intended purpose in accordance with the current instruction manual and only with the accessories that are provided or that are intended for this specific Ironing Table. The manufacturer is not liable for any damages resulting from misuse or wrong use of the Ironing Table.
- **DO NOT** touch the power supply with wet hands.
- Do not clean the Ironing Table with corrosive or other damaging materials/chemicals.
- Never use the Ironing Table to support any other machine or structure.
- **It is strictly prohibited to do any kind of welding or alterations on the Ironing Table or its parts.**
- **It is strictly prohibited to remove any protective device/guards.**
- **It is strictly prohibited to intervene in the control units/circuit boards of the Ironing Table.**
- **It is strictly forbidden to do any modification to the technical specifications of the machine (electrical or mechanical) by third persons.**
- Please contact your dealer or the manufacturer for any malfunction or further information requests

3.2 Warning marks placed on the Ironing Table

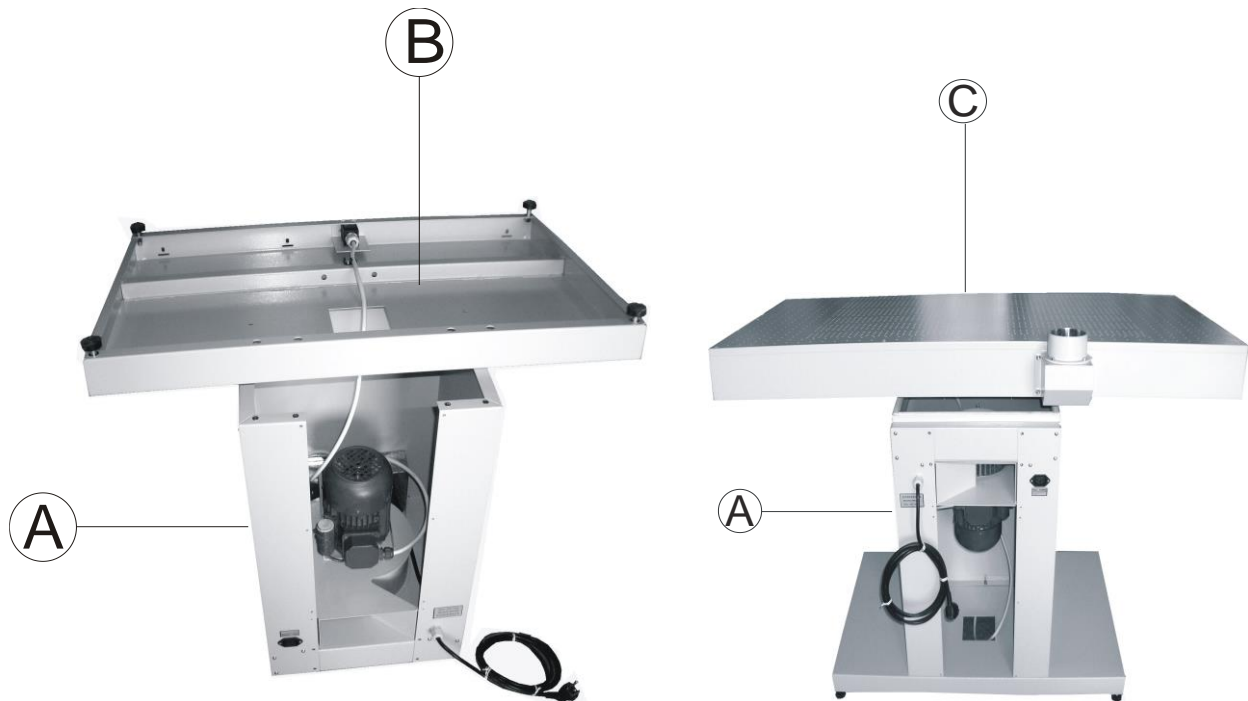
The following attention marks are placed on each ironing table:



The operator of the system has the obligation to inform himself regarding the dangers which may occur during usage, so that he/she can avoid them or minimize their occurrence as best as he/she is able to.

4. Operating Instructions

*For the instructions mentioned in the current section please see the below **images (picture 2)**.*



Picture 2: Assembly

- *Turn, the base of the machine (A) upside down, as seen bellow.*

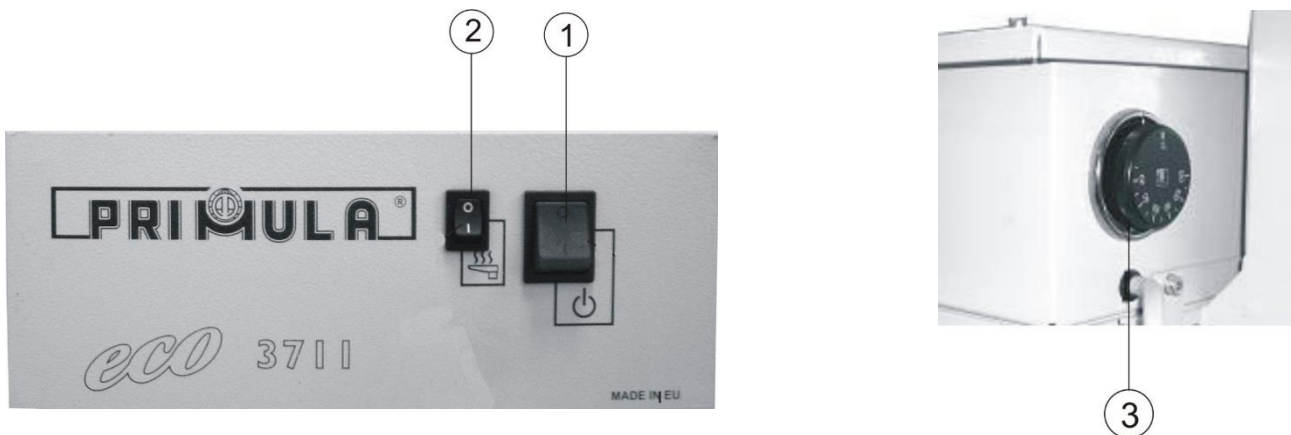
- *Assembly the base of button pedal (B) on top of it, by tightening all the screws.*
- *Turn the ironing table, the right side up.*
- *Afterwards put the ironing surface(C) of top of the stand and tighten all the screws once again.*

5. Electrical Connection

For the electrical connection and above all for the power supply, please follow carefully the instructions of the wiring diagram (enclosed) as well the warning signs symbols attached on the machine. In case you have purchased a single phase machine 230V, connect the machine to the power into the socket 230V/16A. The connection should be done with 3-phase 3X1,5 mm (1 phase, 1 neutral, 1 grounded). The power should be provided with a fuse 10A.

CAUTION! *For your own safety, pay attention to all the warning labels (yellow colored) that are placed on the machine. The manufacturer bears no liability for any damages or accidents due to faulty supplying network or to not specified personnel.*

6. Activation Instructions



Picture 3: Images of Switches placed on Eco FL

- *Switch on the main switch (**No 1**)*
- *Switch on the thermostat knob (**No 3**) at a temperature of 110°C during the winter and at 90°C during the summer.*
- *Whenever you want to use suction/vacuum, just press the food pedal with your foot.*
- *Adjust the steam quantity of your steam generator in proportion to the suction capacity used on the ironing table, in order to avoid steam liquidation on the working surface. Especially during the wintertime when the environment's temperature is low and the environment's humidity is elevated. The delicate fabrics require a small quantity of steam, while the rougher fabrics require large quantity of steam.*
- *The ironing buck's heating is activated when you press the switch (**No 2**) to position I.*

Additional Instructions

In case the table disposes a Vario iron system (optional):

- *Hook the steam iron from the balancer and adjust the distance of the steam iron from the working surface (approximately 5cm). After you have finished ironing, unhook the steam iron from the balancer and put it on the iron rest mat.*

7. Maintenance

- *Make sure that the covers of the table and the ironing buck remain clean, in order to have high performance of suction and blowing air. Wash periodically the blue polyester fabric and the foam blue in the washing machine (30-40 °C). In case you use felt molleton instead of blue foam, do not wash it in the washing machine, but wash it by hand. Replace them regularly, in order to keep high suction performance.*
- *Clean the dust of the fan wheel /impeller at least 2-3 times per year.*
- *Clean periodically and grease the arm's as well as the buck's bearings.*
- *Clean periodically the internal parts of the table as well as the electronic circuit by using compressed air.*
- *Keep the machine clean.*

CAUTION!

Before doing maintenance work, please disconnect the machine from the electrical power supply.

8. Troubleshooting

*For the instructions mentioned in the current section please see the **drawing of the spare parts of the machine on page 11.***

8.1 The vacuum does not function properly

- *Check if there is power supply.*
- *Check if the power feeding cable **No 05** is for some reason cut off.*
- *Check the fuse inside the fuse case **No 07**.*
- *Check if the suction's button pedal **No 21** is faulty.*
- *Check if the motor **No 01** is for some reason damaged.*
- *Check the electronic circuit **No 26**.*

8.2 The heating of the working surface is not activated

- *Check if the fuse inside the fuse case **No 07** is burnt out. Replace it.*
- *Check if the thermostat **No 10** is faulty. Replace it.*
- *Check if the heating element **No 09** is burnt out. Replace it.*
- *Check if the thermostat **No 11** is faulty. Replace it.*

8.2 The heating of the ironing buck is not activated.

- *Check the buck's cable and plug.*
- *Check the switch (**No 8**) which indicates the buck's heating on the panel.*
- *Check the heating element of the ironing buck.*

8.4 The machine operates loudly

- *Check if the ball bearings of the motor are faulty. Replace them.*
- *Check the impeller to be sure, that there is no dust which could cause the vibration.*

Images of spare parts

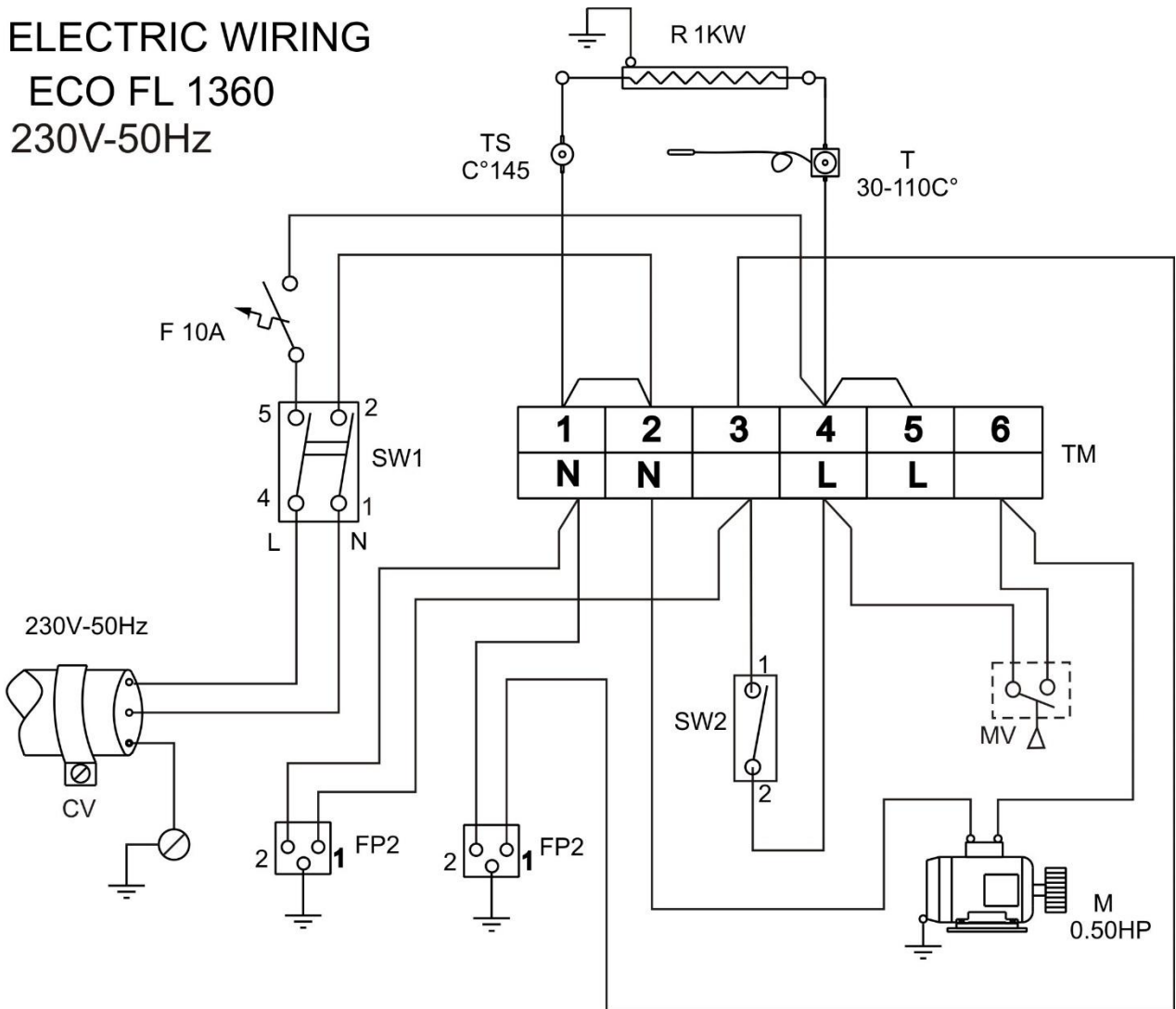


List of Spare parts

Pos.	Articel nr.	Description
1	302-26-001	Motor 0,50HP 230V
2	302-26-002	Aluminum impeller Ø160
3	192-26-003	Metallic shell
4	302-27-004	3pol's plug
5	302-26-005	Power feeding cable with plug 3X1,5
6	308-00-006	Switch ON-OFF 16A
7	300-00-084	Fuse case
8	302-22-054	Buck's switch ON-OFF
9	302-01-014	Heating element 1KW 230V
10	302-00-012	Thermostat 110°C
11	302-01-010	Safety thermostat 145°C
12	302-26-012	Terminal block
13	192-27-013	Supporting corner
14	192-27-014	Perforated plate
15	302-27-015	Wire mesh plastic
16	302-27-016-1	Foam blue IFP-7mm
	302-22-038	Felt molletone (optional)
	302-22-038-2	Vacufix silicone SPF-6mm (optional)
17	302-27-017	Fabric cover
18	302-27-018	Terminal block
19	192-27-019	Metallic base of heating element
20	192-27-020	Ironing table base
21	302-26-026	Pedal switch
22	192-27-022	Vacuum's foot pedal
23	302-26-023	Foot pedal's screw
24	302-26-024	Foot pedal's spring
25	302-02-014	Regulator
26	302-26-025	PC Board
27	192-26-027	Balancer's – trolley movement bar
28	302-00-049	Trolley of balancer
29	302-00-051	Balancer
30	102-27-013	Lighting system EFL/LT
31	102-26-031	Swivel arm
32	304-01-032	Form's feeding cable
33	192-26-033	Swivel arm's bearing
34	304-01-034	Safety thermostat 65°C
35	304-01-035	Heating element 100W 230V
36	304-01-036	Perforated plate
37	304-01-037	Wire mesh plastic
38	304-01-038-1	Foam blue IFP-7mm
	304-00-038	Felt molletone (optional)
	304-00-001-2	Vacufix silicone SPF-6mm (optional)
39	304-01-039	Spring
40	304-01-001	Fabric cover
41	302-26-041	Stop for balancer
42	302-27-042	Cable for lighting Eco FL
43	302-26-004	Thermostat knob

Wiring Diagram Eco FL

**ELECTRIC WIRING
ECO FL 1360
230V-50Hz**



Symbol	Code	Description
SW1	308-00-006	Main switch 16A
SW2	302-22-054	Buck's switch ON-OFF
CV	302-26-005	Power feeding cable 3 X 1.5mm
MV	302-26-026	Vacuum pedal switch
MB	302-26-026	Blowing pedal switch
FP1	302-27-004	3-poles plug for form connection
FP2	302-27-004	3-poles plug for form connection
TM	302-26-006	Wires terminal block
TS	302-01-010	Safety thermostat 145°C
R	302-01-014	Heating element 1kW 230V
T	302-00-012	Thermostat 110°C
F	302-26-007	Main fuses 10A
M	302-26-001	Vacuum motor 0.50HP/230V-1N-50H

TECHNICAL ASSISTANCE

For any advice about the operation of the machine or the spare parts, please contact the dealer you have purchased the machine from or us directly at:



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All specifications have been made to the best of our knowledge.

Primula S.A preserves the right to make changes to the system and its parts without prior notice.