

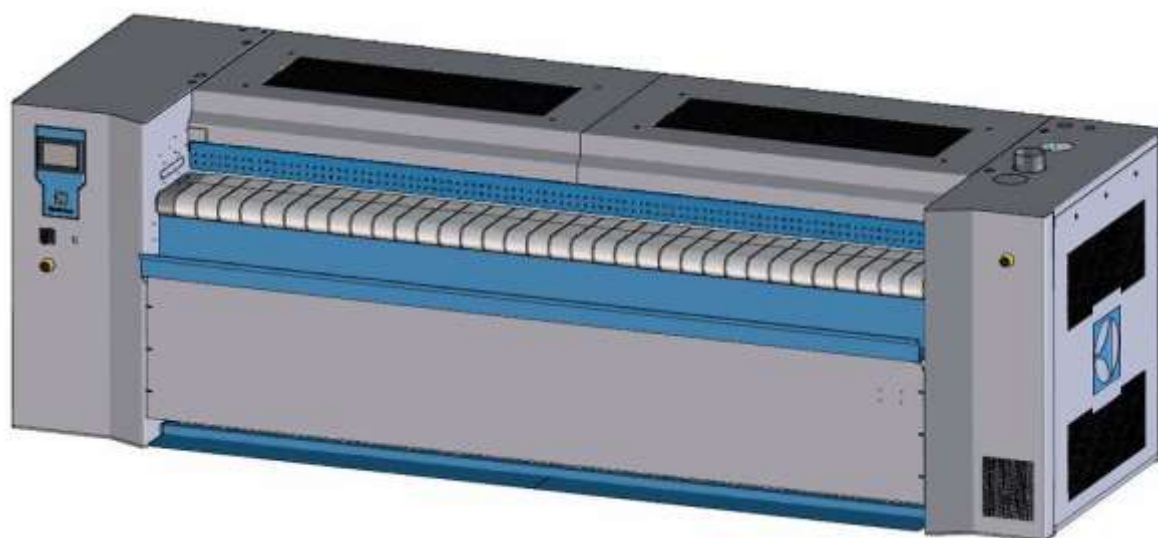
**PART 2:**

**OPERATING HANDBOOK**

Operating handbook

Flatwork  
ironers IB5  
700

With Integrated Thermal Oil Boiler



Translated from Dutch



**Electrolux**

011040xx/GB  
20.2017

**WE CAN'T GIVE ANY WARRANTY TO THE CONSUMABLE PARTS :**

- The padding
- The feed belts.
- Chains
- Pump seals.
- Oil change.
- Transport damage.
- Components damaged by poor maintenance.
- Spare parts who are placed by a technician who is not trained or schooled by Electrolux.

**PART 2: OPERATING HANDBOOK ..... 1**

- 2.1 DAILY CHECK POINTS BEFORE STARTING. .... 4**
- 2.2 NORMAL USE - ABNORMAL USE ..... 4**
  - 2.2.1 NORMAL USE. .... 4
  - 2.2.2 ABNORMAL USE..... 5
- 2.3 CONTINUED RISKS WITH THE MACHINE - MEASURES TO TAKE. .... 5**
- 2.4 CONTROL PANEL..... 6**
- 2.5 OPERATION INSTRUCTIONS. .... 7**
  - 2.5.1 OPERATION INSTRUCTIONS. .... 7
  - 2.5.2 ADDITIONAL POINTS. .... 8
- 2.6 SAFETY INSTRUCTIONS..... 9**
  - 2.6.1 HAZARD POINTS. .... 9
  - 2.6.2 SAFETY DEVICES. .... 9
  - 2.6.3 WHAT NOT TO DO..... 9
  - 2.6.4 REGULATIONS. .... 10
  - 2.6.5 WHAT TO DO IN EMERGENCY SITUATIONS. .... 11

## **2.1 Daily check points before starting.**

- Are all safety guards in position and closed?
- Check the functioning of the finger guard and its correct adjustment.  
This means the opening between the finger guard and feed belts must not exceed 15 mm.
- Check the operation of the emergency stop buttons.
- Before starting, make sure that nobody is in a dangerous area.
- Check that there are no extraneous objects between the roll and bed of the ironing machine.
- Check the condition of the padding. See chapter 3.15
- If the wires on left and right side of the padding are unknotted, you must re knot the wires. Otherwise the padding can remove from place.
- Also check the condition of the feed bands.
- Clean dust from the machine.
- Check the machine for leaks ,look around the ironer if you don't see some oil on the ground.

## **2.2 Normal use - abnormal use**

### **2.2.1 Normal use.**

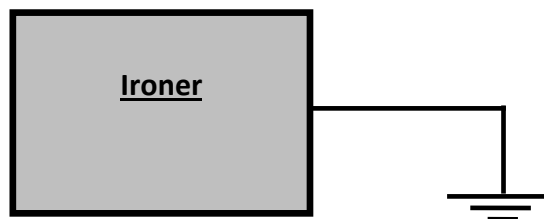
- The machine is suitable for ironing all sorts of flat linen such as sheets, drawsheets, towels, pillow cases, handkerchiefs etc.
- The maximum ironing temperature is 175°C (polyester padding) and 190°C (nomex padding).
- The minimum temperature is 150°.
- The padding should be adjusted to the operating temperature (polyester or nomex).
- The machine settings for installation, ironing pressure, installation of the padding etc should be in accordance with the regulations described in the manual.
- The machine must be maintained regularly as described in the manual.
- Only spare parts supplied by the manufacturer may be used.  
The manufacturer accepts no liability for defects and accidents due to incorrect use of the machine or spare parts that he has not supplied..
- Do not allow any hard parts to turn between the roll and bed.
- Take account of all safety regulations.

### **2.2.2 Abnormal use.**

- Ironing items that are not flat.
- Allowing the machine to run empty (without feeding linen).
- Temperatures in excess of 175°C (When Polyester padding) 190°C (When nomex padding).
- Cleaning the beds with hard materials (can cause irreparable damage).
- Working without taking safety precautions.
- Failure to comply with safety regulations.

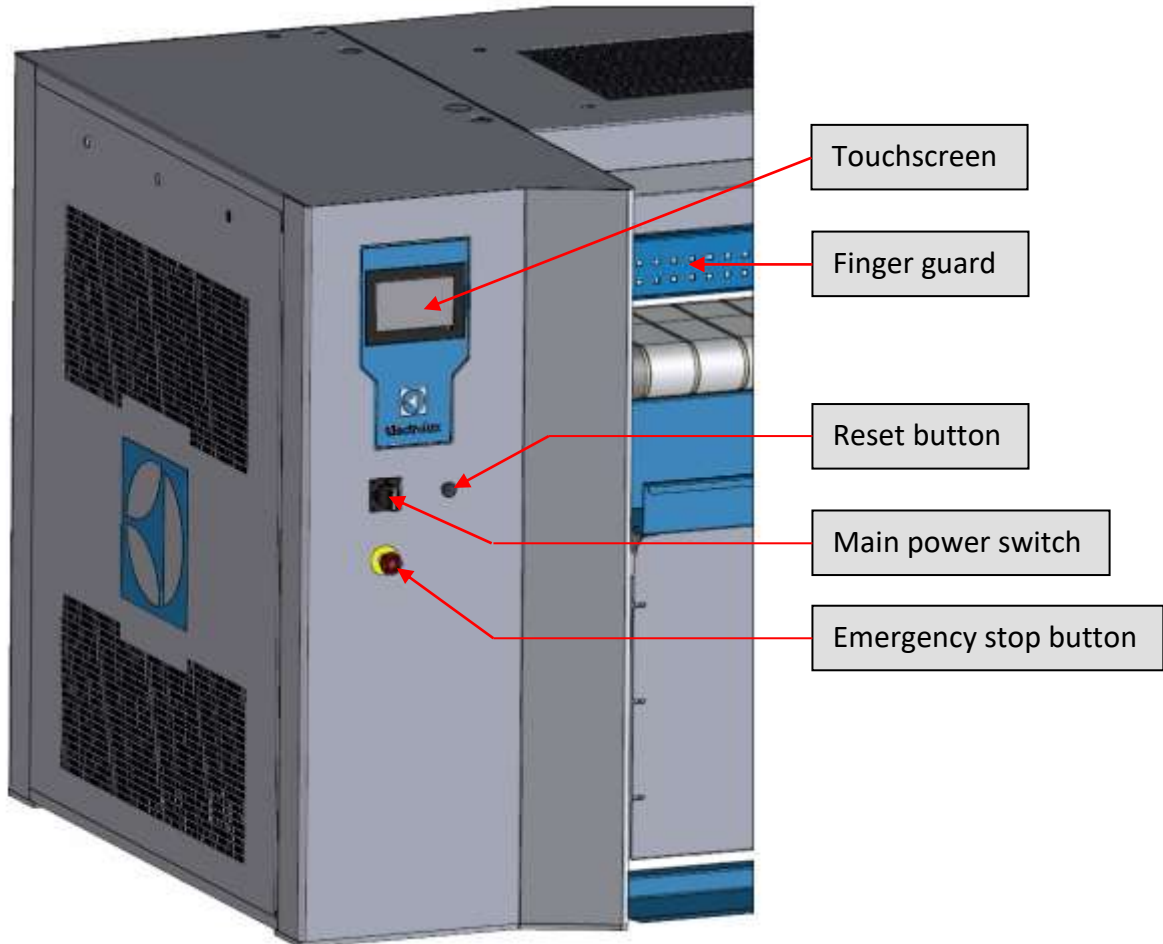
### **2.3 Continued risks with the machine - measures to take.**

- All pipes outside the machine for the roll exhaust, combustion gas, pose a real risk of burns.  
For this reason, all these pipes must be properly insulated and protected against direct contact.
- Staff using the machine must be trained in how to handle emergency situations e.g. how to free someone who is trapped, what to do in the event of a fire, breakdown of the machine etc.
- The hot linen emerging from the machine can cause burns For this reason, it is necessary to wear personal protection such as gloves when handling the linen.
- As far as possible, non-flammable materials have been used in the design of the machine.  
However, flammable materials will still always be present in the form of the padding, feed bands and the oil in the machine.  
However, the greatest risk is posed by dust.  
Under certain conditions, dust can create a highly explosive mixture.  
Therefore it is essential to clean the machine regularly.  
see chapter 3 maintenance instructions  
Also create an equipotential link so that no potential differences arise between the machine and the surrounding metal structures to prevent sparks.



## 2.4 Control panel.

See extra manual „B&R Mangel“.



## **2.5 Operation instructions.**

### **2.5.1 Operation instructions.**

See extra manual „touched screen PCB instruction”

#### **First**

- Perform the daily checks as described.
- Fit the Plexiglas cover to the electrical connection box and set the main switch to Q1.



#### **Start**

See extra manual „touched screen PCB instruction”.

#### **Speed**

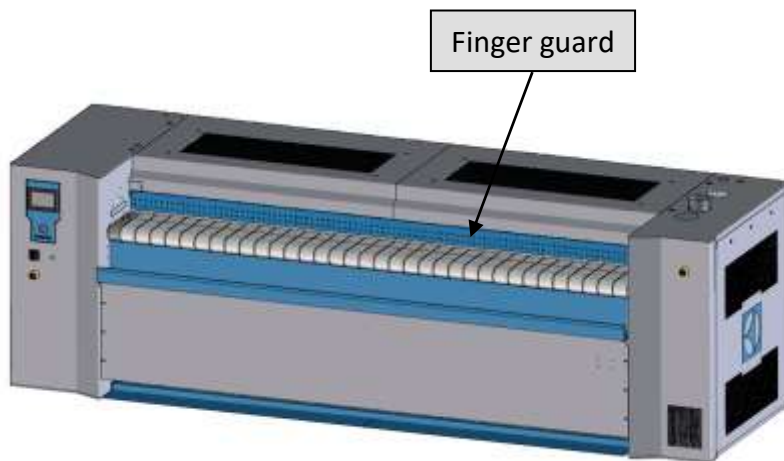
See extra manual „touched screen PCB instruction”.

#### **Stop**

See extra manual „touched screen PCB instruction”

**Note:**

- When an emergency stop button is activated, all the motors and the burner are deactivated and the ironing bed opens automatically. The machine can only be restarted by turning the emergency stop button back in a clockwise direction and pressing the reset button.
- If the finger guard is touched, the roll stops immediately but the temperature remains constant. A restart is only possible by pressing the start button on the touchscreen.



**Note:**

- When the finger guard is used, the bed remains pressed against the roll. It is therefore strongly recommended that the roll is turned again or the machine turned off completely as quickly as possible.

**2.5.2 Additional points.**

- Run a wax cloth through the ironing machine every 3 or 4 working hours to wax the bed. If this is not done, the bed will glide less smoothly and static electricity may occur, resulting in poor ironing quality.
- Never leave the roll pressed on the bed unless it is turning. This causes damage to the padding.
- Clean the ironing bed regularly with a special cleaning cloth (available as an option with the machine).



## **2.6 Safety instructions.**

### **2.6.1 Hazard points.**

- Hot ironing bed.
- The entrance to the roll and ironing bed.
- Hot linen at the roll exit.
- Feed belts.
- Drive elements.

### **2.6.2 Safety devices.**

- Emergency stop button on each corner of the machine.
- Emergency stop relay.
- Safety guard at roll entrance.
- Control voltage 24 VDC.
- Thermal insulation of pipes and ironing bed.

### **2.6.3 What not to do.**

- Do not put your hands under the finger guard or between the feed bands.
- Do not try to withdraw any pieces that have already entered the machine.
- Do not wear loose clothes, bracelets or rings. Tie back long hair.
- Never use the machine without protection of safety equipment. Make sure that the safety guards are closed before starting.
- Never sit or crawl on the machine.

#### **2.6.4 Regulations.**

- Check the operation of various safety devices every day.
- Stop the machine before every intervention or abnormality.
- Train staff in how to handle emergency situations.
- Wear tight clothing, tie up loose hair.
- No jewelry.
- Wear gloves when handling the hot linen.
- Read the operating instructions before starting work.
- Switch off motor when working on the machine.
- Secure the machine against restarting when performing repairs or maintenance.
- Report damage immediately.
- When working on hot parts, wear protective clothing.
- Only clean the machine when it is completely cold and switched off.

### **2.6.5 What to do in emergency situations.**

#### **Situation 1:** Emergency stop fails

- Stop the machine with the main switch.
- Check the operation of the emergency stop button and the finger guard regularly as part of preventive maintenance.

#### **Situation 2:** A person is trapped between the roll and the bed.

- Press the stop button (touchscreen) or the emergency stop button.
- The bed will lower from the roll and the trapped person can be released. A crowbar can also be used to help remove the person.
- Call the emergency services and give first aid.

#### **Situation 3:** Turning with the feed belts.

- Press the emergency stop button.
- Cut the feed belts.

#### **Situation 4:** Electrocutation

- Immediately disconnect the ironer from the power supply by switching off the main switch and lock it , and only then release the person. Otherwise you run the risk of being electrocuted yourself. Give first aid. Call the emergency services immediately.
- Check differential circuit breaker.

#### **Situation 5:** Fire.

- Press the emergency stop button and immediately switch off the power supply.
- Call the emergency services.

#### **Situation 6:** Broken pipes

- GAS: Close the gas tap immediately. Open all windows and doors.