



DUPLEX PRESS

OPERATION'S MANUAL



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GENERAL SAFETY INSTRUCTIONS

WARNING: To reduce the risk of injury, read all instructions properly.

Failure to follow the instructions listed below can cause electric shock, fire, serious injuries, mutilation and/or damage to the equipment.

A. SAFETY IN THE WORK AREA.

- * Keep the work area clean and lit. Crowded or dark areas lead to accidents.
- * Keep children, customers, and non-company personnel away from the electrical and mechanical operation area of the equipment.
- * It is recommended to have a minimum space of one meter or three feet around the machine for safety measure and to optimize work.

B. ELECTRICAL SAFETY.

- * Machinery connections must be adapted to the power outlets.
- * Do not use adapters for the switches: since you run the risk of receiving an electric shock.
- * Do not expose the switches and/or electrical connections to rain or humidity. If water enters these elements, there is a risk that they will break down or suffer an electric shock.
- * Use cable in a single piece, if there are joints in the connections these can produce a short circuit.
- * Do not expose cables or electrical connections to heat, oil, sharp edges, or moving parts, as damaged cables can cause electric shock or short circuit.

C. PERSONAL SAFETY.

- * Do not operate the equipment if you are tired, under the influence of alcohol or drugs.
- * Wear appropriate clothing, do not wear loose clothing, or necklaces, earrings, watches, if you have long hair wear a tie to keep it up.
- * Do not climb on the structure of the machine for any reason, falls or injuries may occur.
- * Avoid using headphones, cell phones or any other equipment that works as a distraction to the operator.
- * Make correct use of personal protective equipment if any maintenance is to be carried out on the machine.
- * If any change is made to the model or component of the equipment, be it electrical or mechanical related, it must be de-energized and stop the machine completely to avoid accidents.
- * Keep limbs away from all moving parts.

CAUTION

The following symbols indicate the safety measures that must be taken before and after starting up the equipment.



HEAT HAZARD Some parts of the machine are hot while in operation.



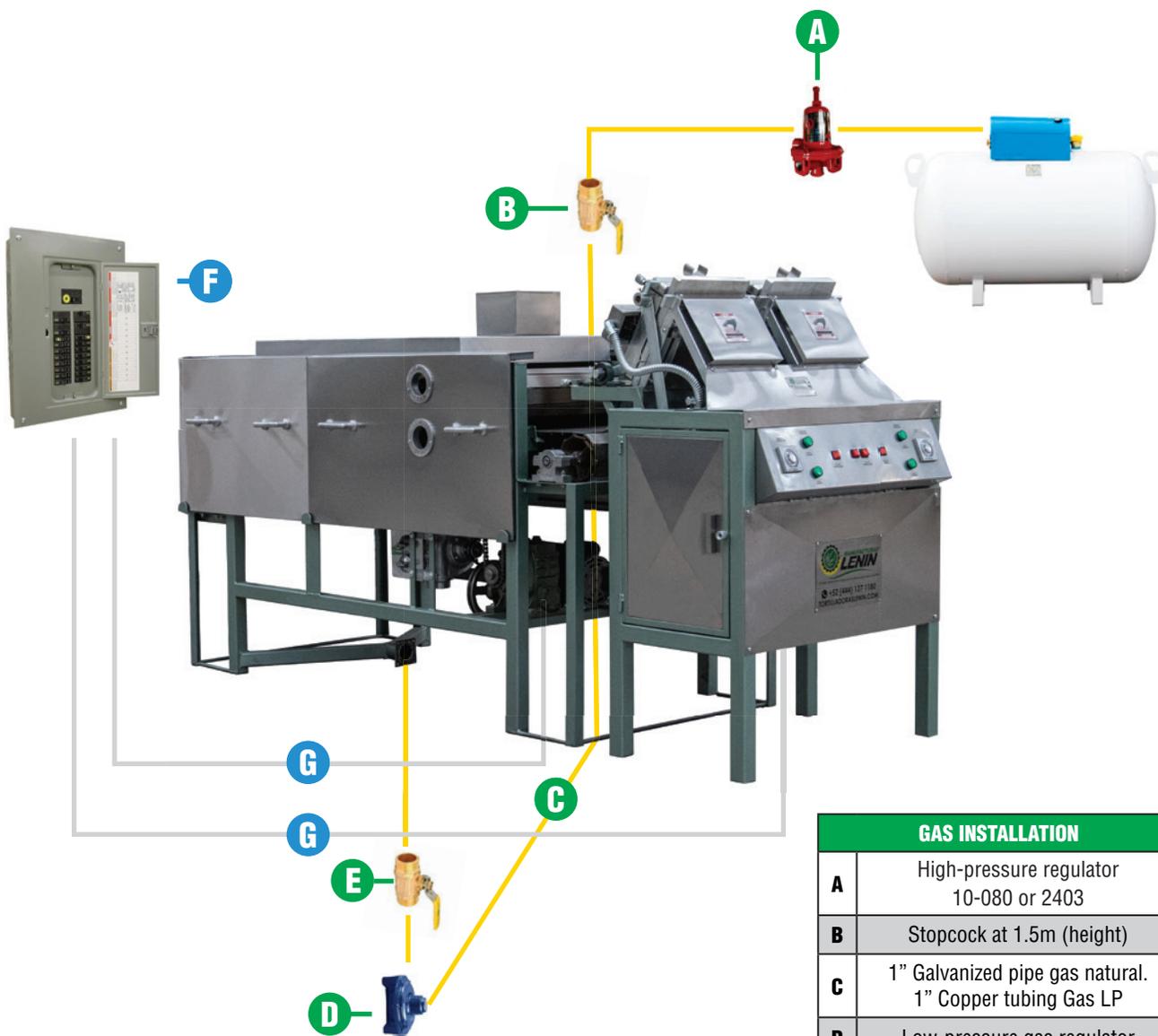
ELECTRICAL RISK In which you can suffer electric shocks, if you do not comply with the electrical safety provisions.



CRUSHING HAZARD Keep hands away from the cam press when be in operation.

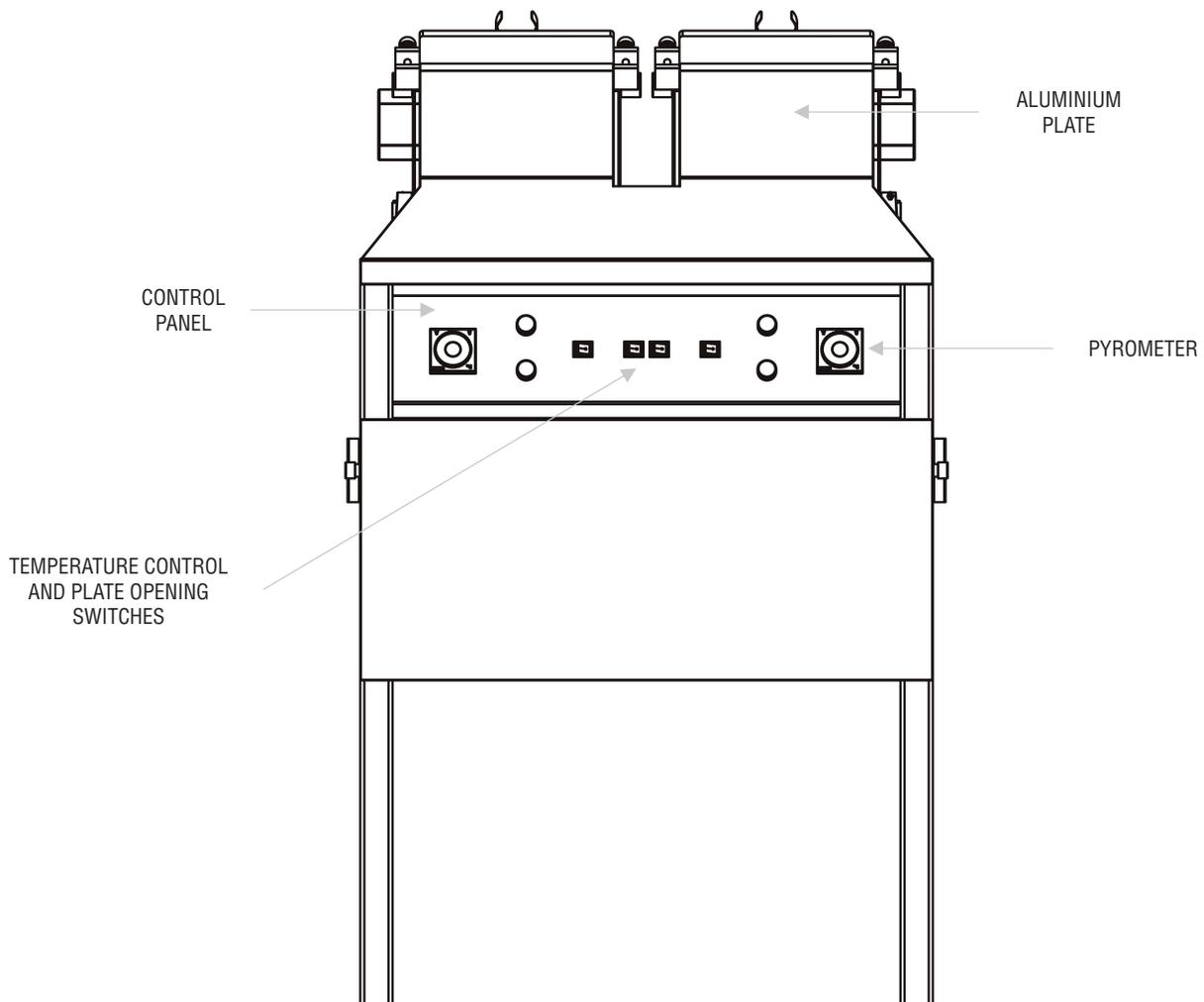
ELECTRICAL INSTALLATION

Verify that the electrical connection is 220v. Inspect that there are no short circuits, no loose or bare wires. Ensure that all cables are isolated and without contact, check contactors and switches in good condition. It is recommended to use a 12 gauge cable for the installation of the Press.

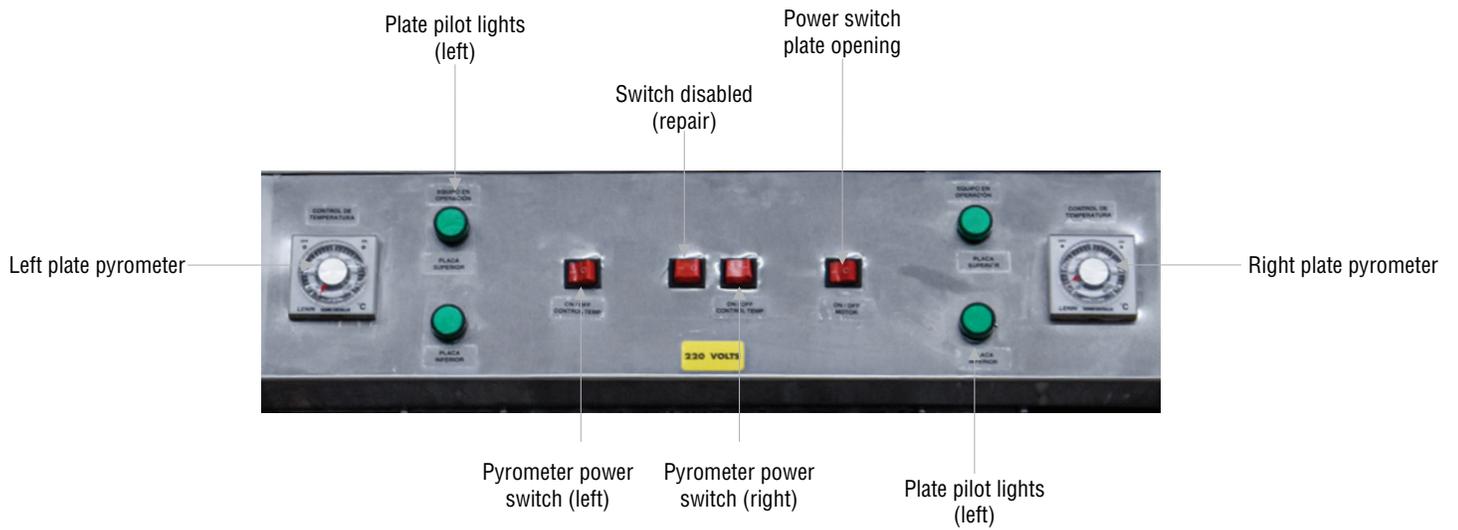


GAS INSTALLATION	
A	High-pressure regulator 10-080 or 2403
B	Stopcock at 1.5m (height)
C	1" Galvanized pipe gas natural. 1" Copper tubing Gas LP
D	Low-pressure gas regulator
E	Stopcock valve
ELECTRICAL INSTALLATION	
F	Duplex Press 220v Duplex Oven 110v/220v
G	12 gauge cable (conduit cable)

COMPONENTS



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1

Connect the press to a 220v outlet



2

Turn on pyrometer switch (left)



3

Rotate the pyrometer to 160° (35gr dough ball)
The pilot lights will turn on and will turn off when the temperature is reached.



4

Turn on pyrometer switch (right)

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5

Rotate the pyrometer to 160° (35gr dough ball)
The pilot lights will turn on and will turn off
when the temperature is reached.



6

Once the temperature is obtained, turn on the
plate opening switch.



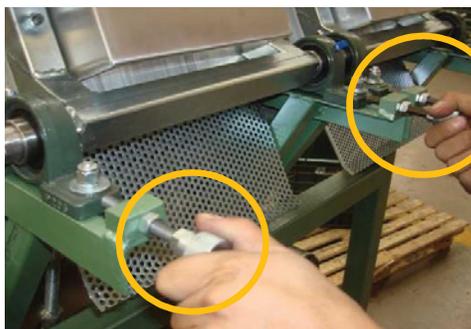
7

Verify plate temperature by placing dough ball.



8

Place another dough ball until it can slide freely.



9

Adjust the thickness of the tortilla in the lower
part by turning the knobs ONLY IF NECESSARY



10

Adjust the thickness of the tortilla on top by
turning the knobs ONLY IF NECESSARY

If it sticks to the plates and doesn't slide, let it heat up a bit more.
If residues remain on the plates, clean them with a cloth and non-stick coating, taking care of not to damage them.
If the tortilla sticks to a plate with continuous work (cooling), increase 20° on each plate.
When corrected, return to initial temperature to prevent it from triggering.
At the end of the day, turn off the pyrometers and leave the plates open.

MAINTENANCE

Clean the machine before and after using it.

The duration of the spare parts will depend on the preventive maintenance and care taken to the machine.

The more frequently this maintenance is done, the parts will have a longer life.

LUBRICATION

The following table shows the parts, the type of lubricant and the frequency with which the machine and its parts should be lubricated.

PART	LUBRICANT	PERIOD
Chain	SAE 40 Oil	3 times per week
Reducer	SAE 80/90 oil	Every 3 months or 1000 working hour
Bearings	BAT3 Grease	Every 3 days
Gears	BAT3 Grease	Every week



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