



CERTIFIED MIXER

OPERATION'S MANUAL





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NSF CERTIFIED MIXER

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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.

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CAUTION

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



CRUSHING HAZARD Keep hands away from mixer paddles.



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



GEAR RISK Keep your hands away from the chains and gears of the machine.

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ELECTRICAL INSTALLATION

Verify that the electrical connection is 220v. 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 12 gauge cable for the installation of the mixer.

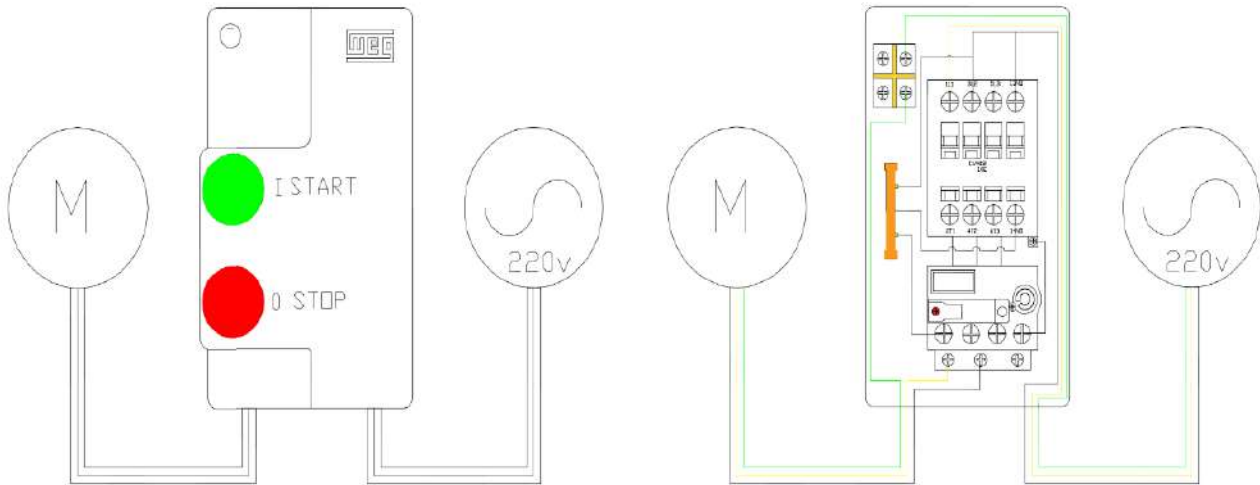


ELECTRICAL INSTALLATION	
A	220v electrical installation
B	12 gauge cable (conduit cable).

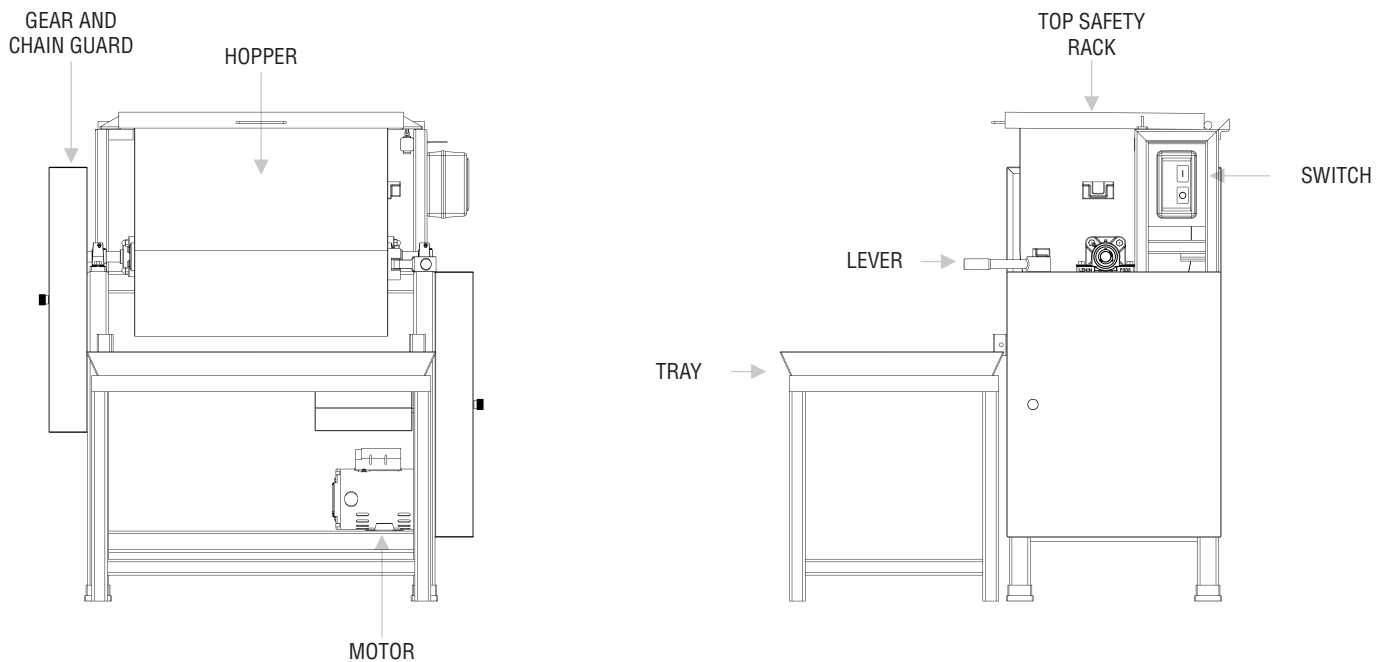
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MIXER CIRCUIT



COMPONENTS



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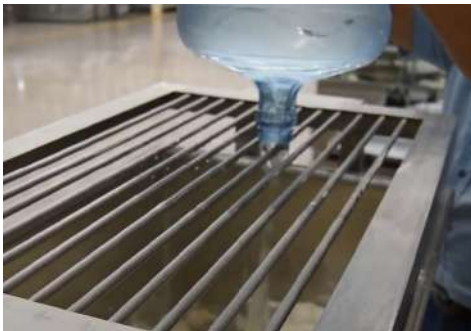
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1 Plug the machine to an electrical outlet



2 With the equipment turned off, add product



3 Add water



4 Turn on the equipment



5 Mix until you get the desired dough consistency



6 Turn off the equipment

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7

Turn lever to release hopper



8

Tilt hopper



9

Turn the lever to secure the hopper



10

Turn on the equipment so that the dough comes out of the hopper



11

Remove dough and turn off the equipment



12

At the end of production, wash the hopper and tray

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CLEANING PROCEDURE

WARNING: The mixer must be cleaned with the machine completely stopped to avoid accidents such as crushing.

1. With a cloth, remove the dough residues from the pallets with the machine completely stopped.
2. Sprinkle some water into the mixer's hopper.
3. Clean the inside of the mixer's hopper with a cloth.

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 frequent this maintenance is done, the parts will have a longer life.

LUBRICATION

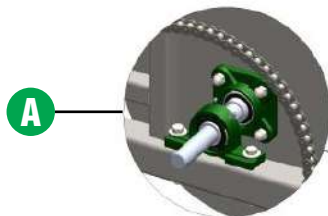
The following table shows the parts, the type of lubricant and the frequency with which the machines and their parts must be lubricated.

PIECE	LUBRICANT	PERIOD
Chains	SAE 40 Oil	3 times per week
Bearings	BAT 3 Grease	Every 3 days
Gears	BAT 3 Grease	Every week

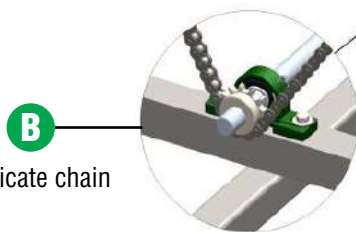
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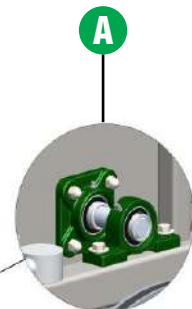
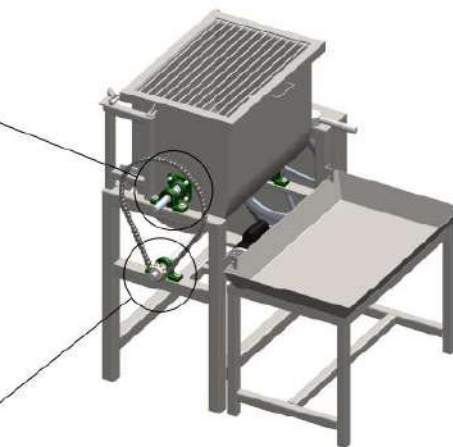
The following figures show the schematic location of the parts that require lubrication.



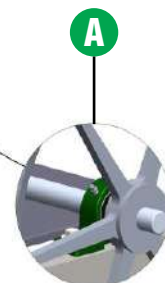
Inject the lubricant in this hole.



Lubricate chain



Inject the lubricant into the bearing grease fitting



Inject the lubricant into the bearing grease fitting

LUBRICANT

A) BAT 3 Grease

B) SAE 40 Oil





HEADQUARTERS

AV. INDUSTRIAS #3655, ZONA INDUSTRIAL
CP 78395 SAN LUIS POTOSÍ, SLP. MÉXICO



444 127 11 80



444 129 29 79

info@manufacturaslenin.mx

MEXICANTORTILLAMACHINE.COM