



OIL DRAINER

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.



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

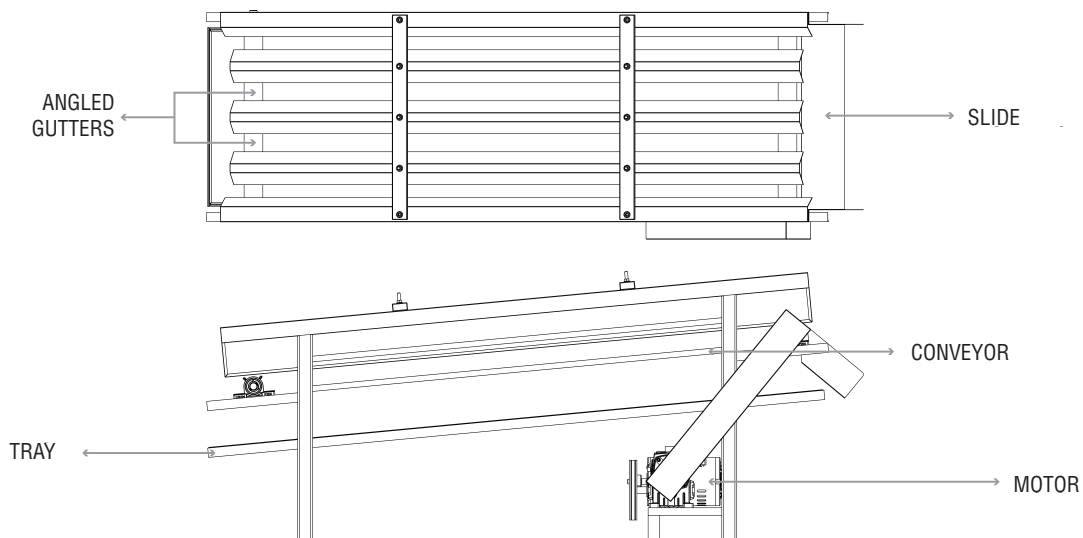


GEAR RISK Keep your hands away from the chains and gears of the machine.

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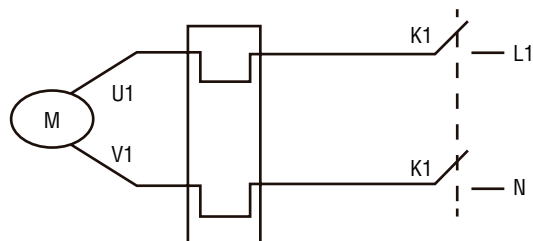
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COMPONENTS

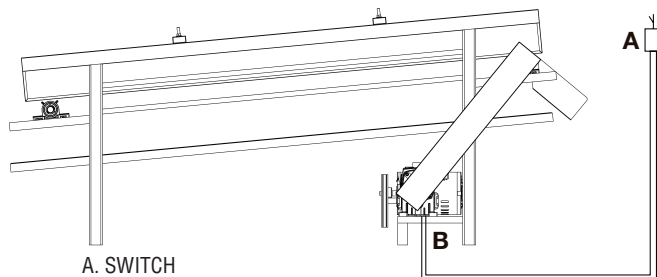


ELECTRICAL INSTALLATION

- a) Conductors must be No. 12 gauge copper.
- b) The wiring must be in one piece.
- c) The connections or terminals must be well tightened to avoid false contacts.
- d) The rotation must be according to that indicated on the machine.



SINGLE PHASE FORCE AND CONTROL DIAGRAM CONNECTION



A. SWITCH
B. STARTER PANEL

ELECTRICAL CONNECTION DIAGRAM

START UP

DANGER: the electrical power must be adequate for the proper functioning of the machine.

NOTICE: Make sure electrical power is supplied to the control box.

CLEANING PROCEDURE

WARNING: cleaning the drainer must be done with the machine at a complete stop to avoid accidents such as bruises or cuts.

1. Wash the drainer with the help of a green fiber, making sure to remove moisture, in order to prevent fungal growth.
2. Dry with the help of a cloth, making sure to remove moisture, in order to prevent fungal growth.

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.

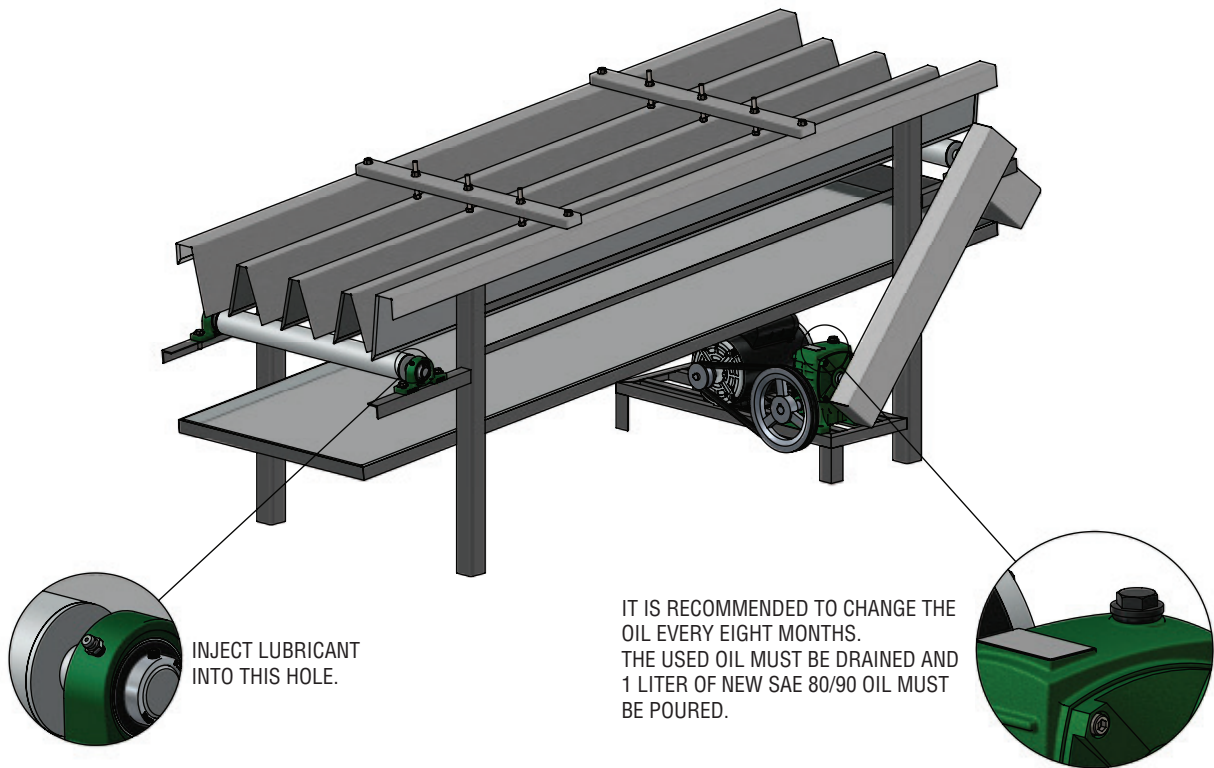
LUBRICATION

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

PART	LUBRICANT	PERIOD
Bearings	BAT3 Grease	Every 3 days
Chain	SAE 40 Oil	3 times per week
Reducer	SAE 80/90 Oil	Every 8 months

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





HEADQUARTERS

AV. INDUSTRIAS #3665, ZONA INDUSTRIAL
CP 78395 SAN LUIS POTOSÍ, SLP. MÉXICO



444 127 11 80



444 129 29 79

info@manufacturaslenin.mx

MEXICANTORTILLAMACHINE.COM