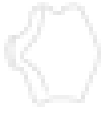




# Operation Manual



**BAND SAW MACHINE 126**



It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

# Contents

1	<b>Contents</b>
2	<b>Description</b>
2	<b>Characteristics</b>
4	<b>Installation</b>
5	<b>Pulleys</b>
5	<b>Band Saw Blade Tension</b>
6	<b>Band Saw Blade Alignment</b>
7	<b>Carriage</b>
8	<b>Guides</b>
9	<b>Cleaners and Waste Pan</b>
10	<b>Electric Diagram</b>
11	<b>How to obtain your warranty</b>
12	<b>Warranty Policy for Band Saw Blades</b>

This operation manual contains relevant information for the proper installation, use and maintenance of the Cutting Band Saw Machine 126 and its elements, models:

- SIE320AIHER5HP3P
- SIE320AIHER3HP3P
- SIE320AIHER3HP1P



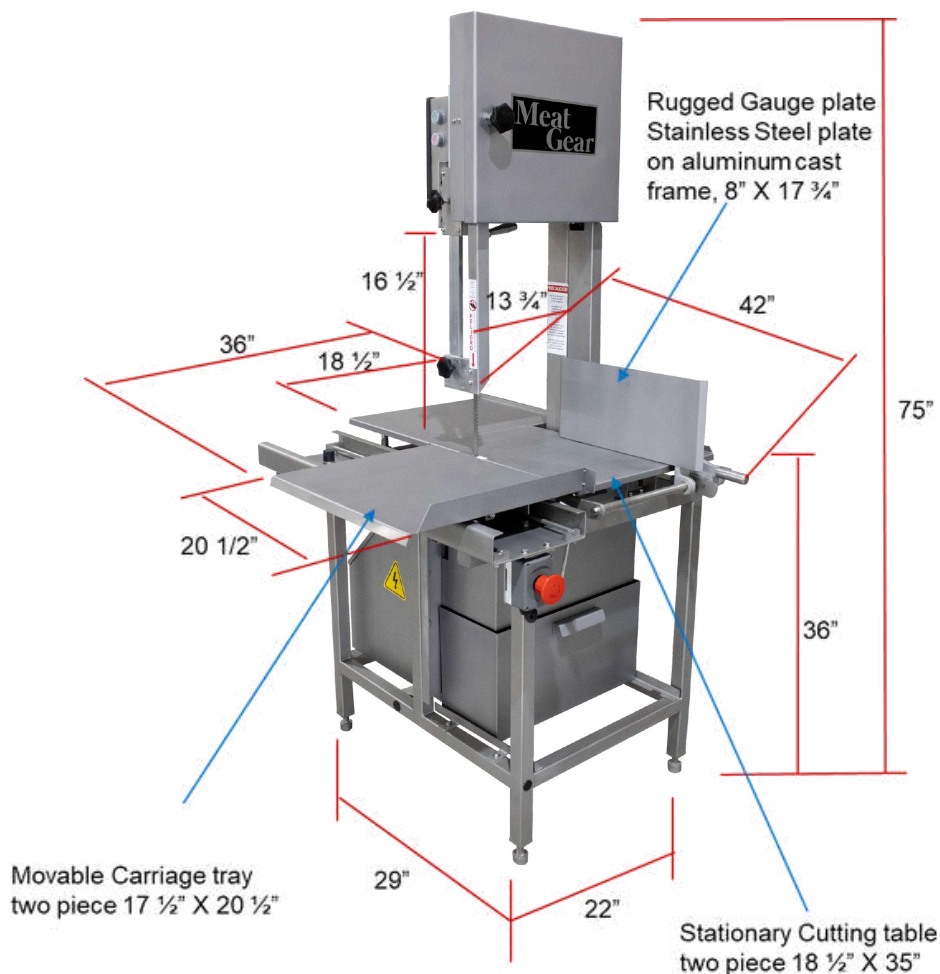
It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

## Description

The Cutting Band Saw Machine 126 is made of stainless steel. Due to its large processing capacity, it is ideal for high-demand areas such as supermarkets, high-volume butcher shops, packaging facilities, among others. It is easy to disassemble and clean without the need for tools.

To disassemble the Saw, you will have to remove the following parts: the fixed and removable tables, the upper door, the column protective guard, the lower door, the collecting tray, the cutting band saw protective guard. Release the tension handle to remove the cutting band saw, remove the 2 pulleys and the cutting band saw cleaners. To reassemble the Saw, follow the same sequence in reverse order (images may vary).

## Technical specifications





It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

<b>Characteristics</b>	<b>Value</b>	<b>Unit</b>
Voltage Supply	220	Volts
Frequency	60	Hz
Current	15	Amps.
Engine Power	5	HP
Machine Weight	514	Pounds
Saw Velocity	72	Ft/Sec
Length of Saw Blade	126	Inches
Phases	3	-



It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

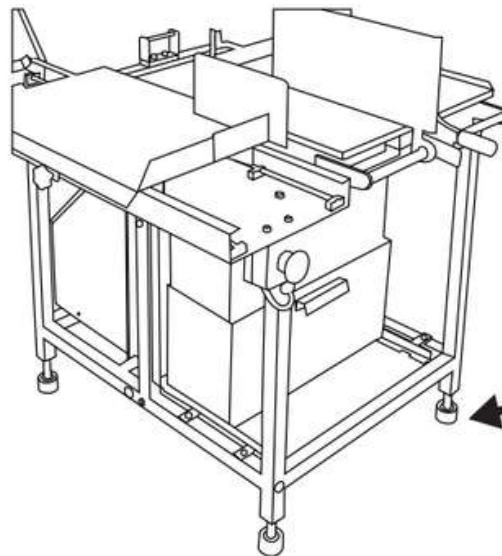
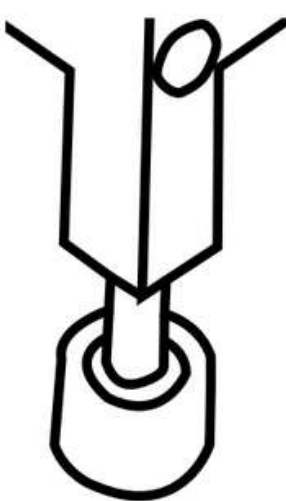
## Installation

To ensure optimal performance of the Saw 126, please follow the following recommendations during installation. We strongly advise that you carefully read and follow the instructions outlined in this manual.

**WARNING: DISCONNECT THE EQUIPMENT FROM ELECTRICAL POWER BEFORE PERFORMING THE FOLLOWING OPERATIONS.**

Place the machine in a clean, dry and leveled surface. In order to level the machine and have better stability, you must adjust the leveling legs and place the rubber foot. Make sure that your electric output has a groundable point and a thermally protected outlet, this will give better protection to your machine.

Warning: This machine has been designed to cut meat and bone and by its nature is dangerous. Do not allow unqualified personnel to manipulate the equipment.



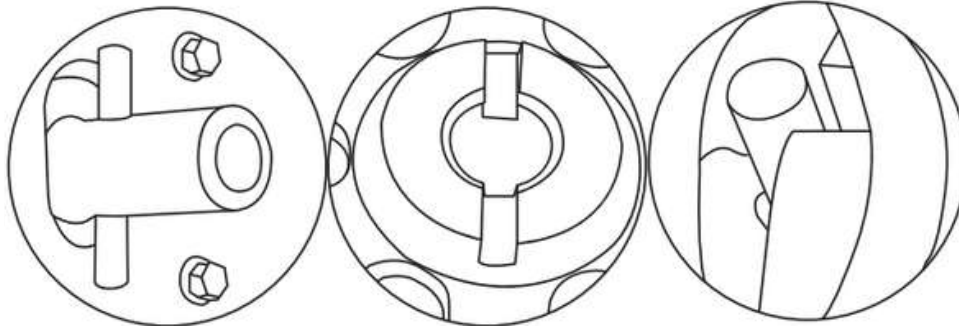
It is recommended to place the band saw machine on the floor, use the leveling legs up to 3 inches to make sure the cutting band saw machine is steady and secure.



It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

## Pulleys

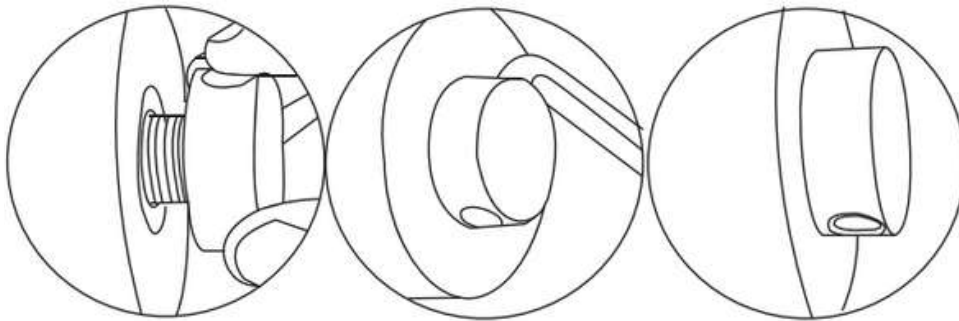
The pulleys should be placed above the arrow, make sure the inner part of the gap is placed in the cap screw between the gap. Lubricate the arrow with the food grade grease included in your machine.



Arrow's cap screw

Pulley's gap

To avoid pulleys from coming off from the arrow while functioning, lock it as shown in the example figures. The following operation is made without tension on the band saw blade.



Place blocking  
screws

Tighten clockwise\*  
\*Key is included in your equipment

Secured pulley

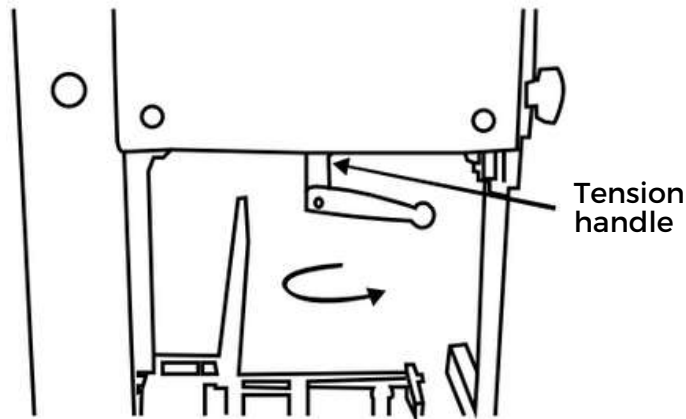
## Band Saw Blade Tension

Place the band saw blade in the pulley's track with the teeth facing downwards on the side of the machine where the product is going to be cut, and adjust the tension with the help of the handle.

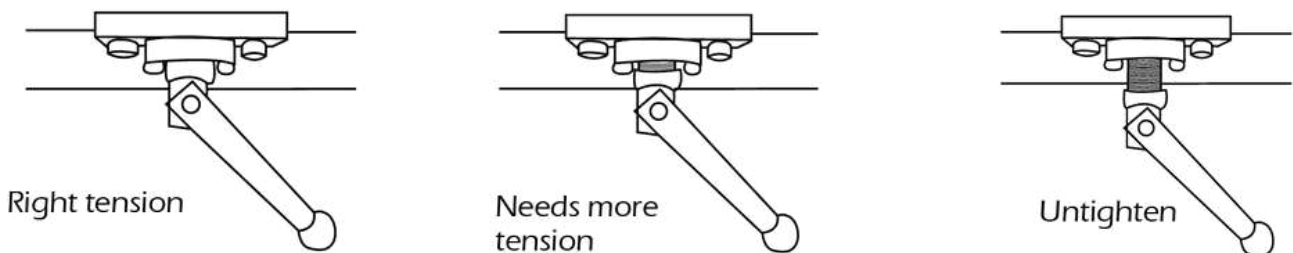


It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

To tension the band saw blade, use the handle turning counterclockwise until it stops, while doing this action turn the pulley twice with your hand carefully to adjust the band saw blade in the pulley's track and guides.



This equipment incorporates a total tension system (automatic), which allows the band saw blade to reach the adequate tension and align with the pulleys and guides. This system is specially designed to maximize the meat saw machine potential and help the operator have better cuts, less waste and prolong the saw blade's life. Apply food grade grease in the screw cap included in the machine.

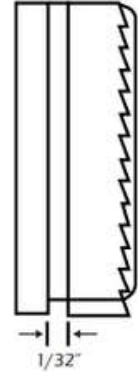
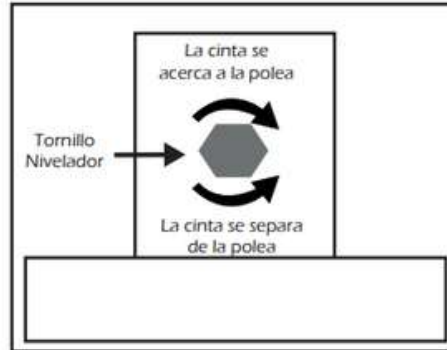
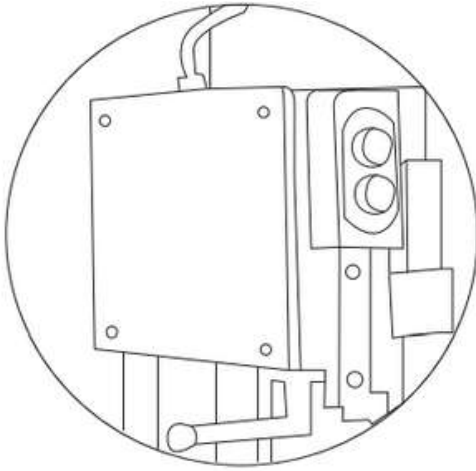


### **Band Saw Blade Alignment**

Upper Pulley.- To obtain the correct alignment, the band saw blade should be 1/32" (1mm) away from the pulley's edge. The following diagram shows how the Leveling Screw should be adjusted until the separation between the band saw blade and the pulley's edge is just right.

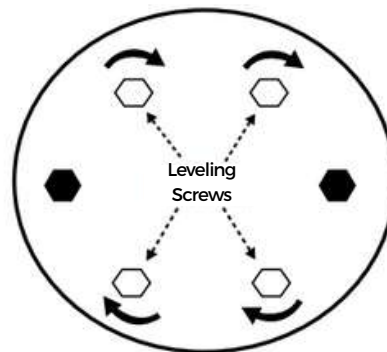
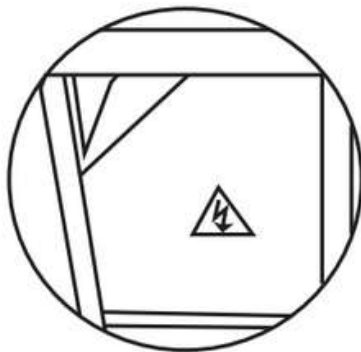


It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

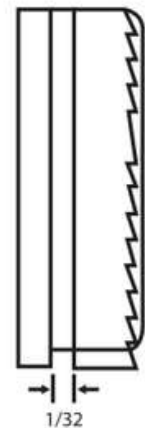


**Lower Pulley.-** To obtain a correct alignment it is recommended that the gap between the band saw blade and the pulley's edge is of 1/32" (1mm), this guarantees the band saw blade does not jump off while operating. To align the band saw blade in the lower pulley it is recommended to loosen the locknut from the leveling screws and that these are adjusted in pairs, whether upper or lower, as shown in the picture below. Once the lower pulley is aligned, the locknut of the leveling screws must be tighten.

If the upper screws are tightened, the band saw blade will detach from the pulley



If the lower screws are tightened, the band saw blade will get closer to the pulley



It is important to check regularly that the upper or lower pulleys are not packed of waste or grease and are not worn out, since this can cause the band saw blade to jump off regularly while in operation.

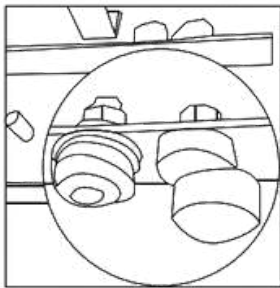




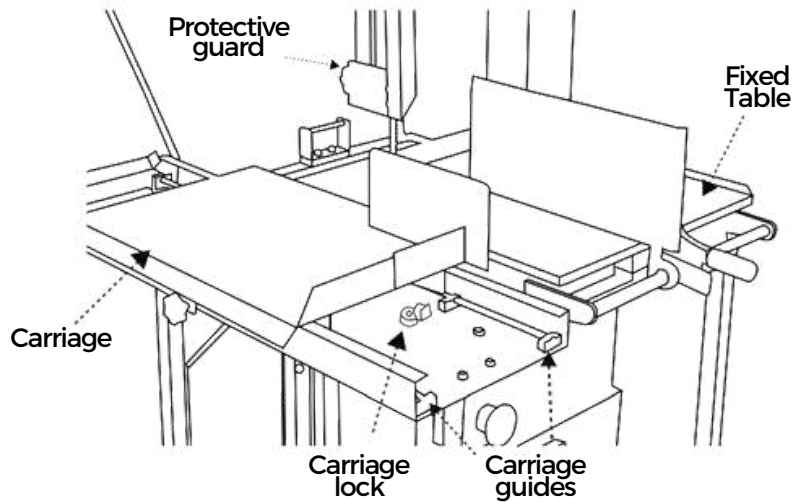
It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

## Carriage

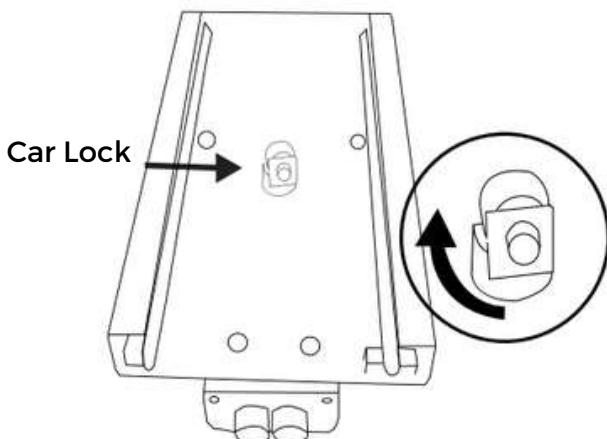
The carriage can slide back and forward easily, set the carriage lock as shown in the figure to avoid the carriage coming off the track. The band saw blades security guard can be adjusted upwards and downwards exposing only the part needed to make cuts. Although the guard can be adjusted while the machine is ON, it is recommended to do it while it's OFF for a safer operation.



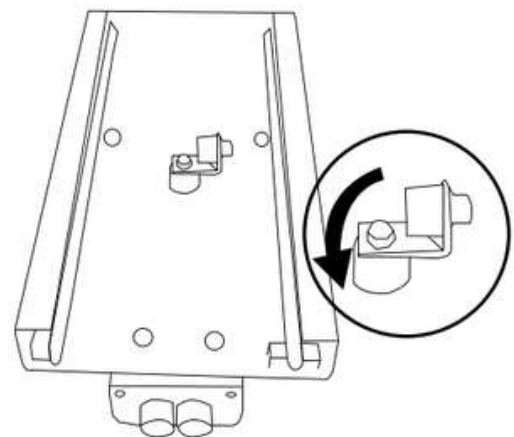
Every time you wash your equipment, grease the wheel bearings



To remove the carriage, the carriage lock should be placed 90° counterclockwise from its own axis, as shown in the following figure.



Locked Carriage



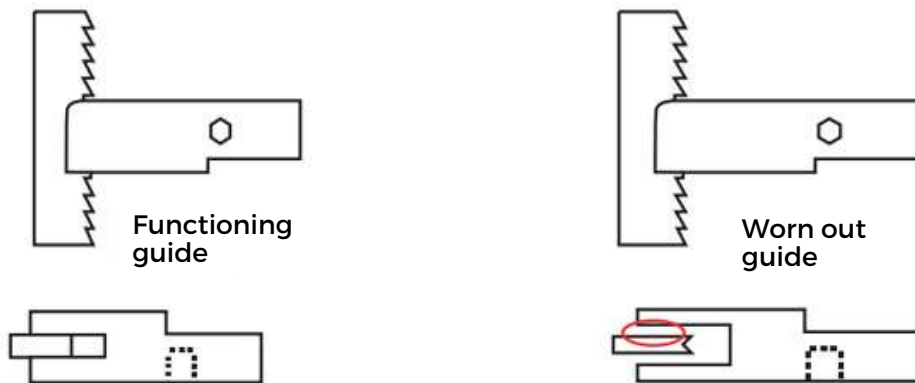
Unlocked Carriage



It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

## Guides

The nylon guides should be placed to clean the residue from the band saw blade. The nylon should be replaced when the gap where the blade comes through is too wide, exceeding the blade's thickness. Depending on the workload, it may need changing once every two weeks.



The tungsten guides allow the machine to control the movements the band saw blades has while operating. The following figures shows when the guides has worn and should be replaced.



If while making cuts, the band saw blade surpasses the tungsten tablet, it's an indicator the guide should be replaced.

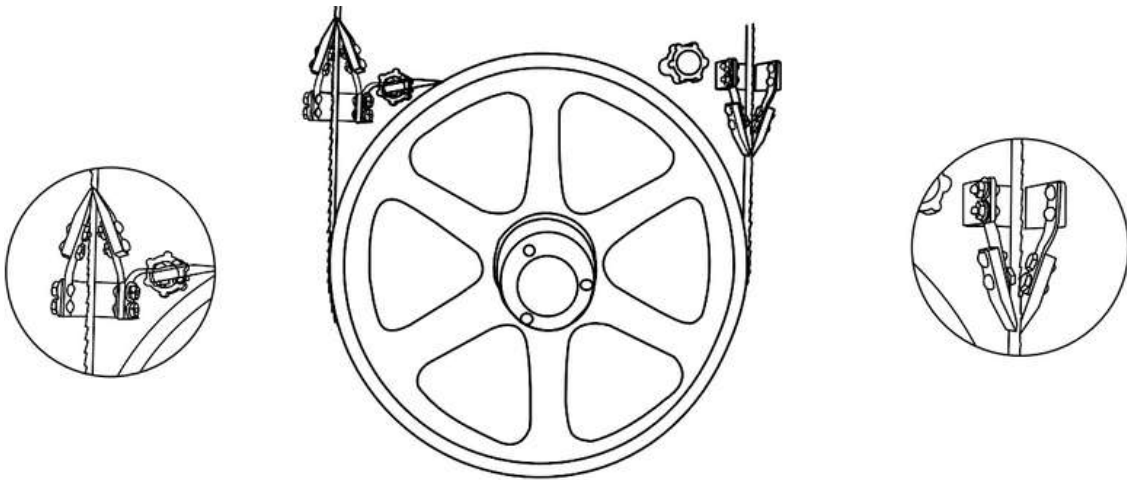


It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

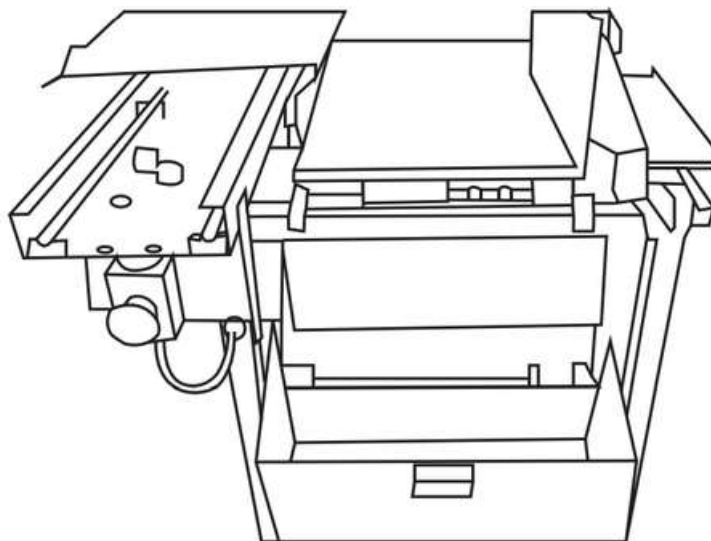
### **Cleaners and waste pan**

The lower pulley comes with cleaners that prevent the residue generated from cuts from remaining in the band saw blade and transferring to the pulley. This avoids the band saw blade from sliding off from the pulleys or jumping off.

Make sure the cleaners touch the pulleys and the band saw blade to allow a high quality performance. Replace the cleaner in case of damage or worn out.



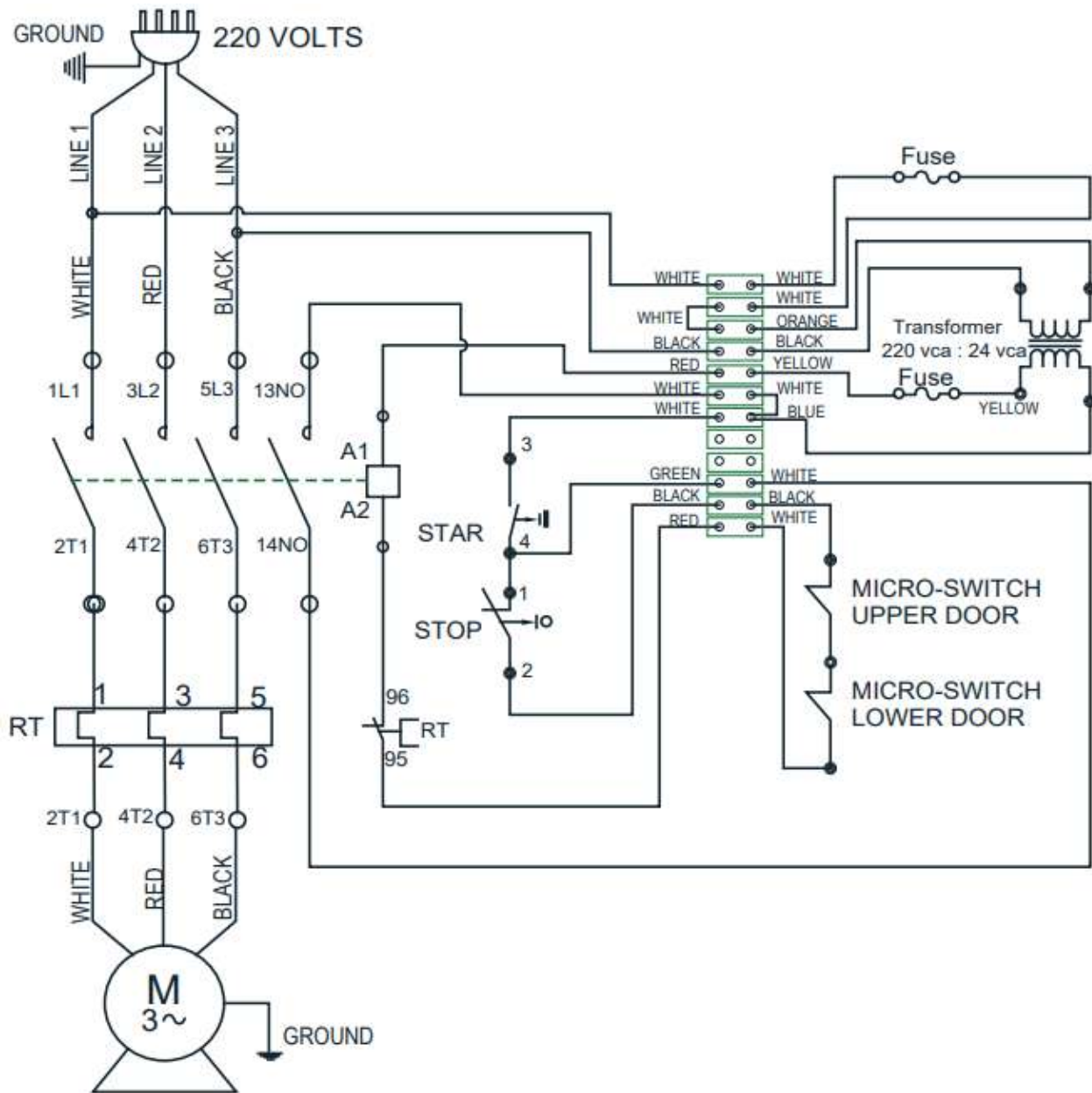
The waste pan is placed in the lower part of the Cutting Band Saw Machine. To remove, simply pull the tray out and lift it. This way you can quickly and easily clean the residues generated from the cuts.





It is extremely important that you and/or the equipment operator carefully read the contents of this operation, maintenance and service manual

## Electric diagram



## **LIMITED WARRANTY (1) YEAR WARRANTY**

Meat Gear warrants this product against defects in materials or workmanship for a period of one year from the date of original purchase.

Should any manufacturing defect be discovered within one year from date of purchase, you must deliver the entire product to the MEAT GEAR dealer that sold it or to a MEAT GEAR service center in its original packaging or in packaging affording an equal degree of protection, along with proof of purchase. MEAT GEAR will at its option, repair or replace or an exchange basis with an equal or equivalent unit. The defective unit, without charge for parts and labor. The transportation and insurance charges to and from the MEAT GEAR service center are not included in this warranty.

## **WHAT THIS WARRANTY DOES NOT COVER**

This warranty covers only normal consumer use in Canada and the United States. This warranty does not cover worn parts, which die to the nature of the machine, have a limited usable life, and have to be replaced on a use and wear basis, nor:

- A) Damage caused by disasters such as fire, flood, lightning, improper electrical current.
- B) Improper or inadequate installation.
- C) Improper or inadequate maintenance.
- D) Unauthorized modification or misuse.
- E) Damage caused by service other than by an authorized MEAT GEAR service center.

## **LIMITATIONS OF WARRANTY**

NEITHER MEAT GEAR OR ANY THIRD PARTY SUPPLIERS MAKES ANY OTHER WARRANTY OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WITH RESPECT TO MEAT GEAR PRODUCTS. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND UNLESS STATED HEREIN, ANY STATEMENTS OR REPRESENTATIONS MADE BY OTHER PERSON OR FIRM ARE VOID. THE DURATION OF ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON YOUR MEAT GEAR PRODUCT SHALL BE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY SET FORTH ABOVE, EXCEPT AS PROVIDED IN THIS WRITTEN WARRANTY NEITHER MEAT GEAR NOR TIS AFFILIATES SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, RESULTING FROM THE USE OR INABILITY TO USE THE MEAT GEAR PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY OR ANY OTHER LEGAL THEORY.

Some states do not allow limitations on how long an implied warranty lasts and some states do not allow the exclusion or limitation or incidental or consequential damages, so the above limitation and exclusion may not apply to you. . This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## **HOW TO OBTAIN WARRANTY AND SERVICE**

- 1.- Refer to the trouble shooting guide in your owners manual. This list might solve your problem.
- 2.- Call the MEAT GEAR dealer that sold the product within 30 days after you find a problem in the product.
- 3.- Call our technical support team at 832-917-1547 where they can help you with any question you need.
- 4.- If you have to ship a MEAT GEAR service center be sure to obtain a Service order number from the MEAT GEAR service center at +1 (800) 824-1644 / (832) 917-1547.
- 5.- Arrange for the delivery of the product to the authorized MEAT GEAR service center. Products shipped to the service station must be insured and safely and securely packaged, preferably in the original carton, and a letter explaining the defect and also a copy of the bill of sale or other proof of purchase must be enclosed.
- 6.- Make sure to include inside the package a complete description of the defect or trouble with the unit and complete name, address, and more phone numbers of who to contact for more questions and who to ship to.
- 7.- And also make sure to clearly write outside of the package the service order number and the full address for the MEAT GEAR service center.

**Contact**  
MEAT GEAR  
www.meatgear.mx  
+1 (800) 824-1644 / (832) 675-9699 / 832-917-1547  
sales@meatgear.mx



A detailed line drawing of a meat processing machine, likely a slicer or grinder, shown in a three-quarter perspective. The machine features a large horizontal cutting or grinding block, a motor housing at the bottom, and various adjustment mechanisms. The drawing is rendered in a light gray color against a white background. The text 'Meat Gear' is overlaid on the machine's body.

# Meat Gear

Find more technical information at  
[www.meatgear.mx](http://www.meatgear.mx)