



MAKSIWA[®]

F.160

MANUAL SLITTER

INSTRUCTION MANUAL



ATTENTION: READ THIS MANUAL BEFORE USING YOUR PRODUCT.

INSTRUCTION MANUAL

Important information you should know:

- The images in this manual are illustrative and are meant to demonstrate the correct operation of your product, there may be small changes in relation to the images.

Important Safety Instructions



WARNING: When working with machines, always follow the safety precautions to reduce the risks and injury, including the following:

READ ALL INSTRUCTIONS



CAUTION: WHEN DOING MAINTENANCE, REPLACE ONLY WITH IDENTICAL PARTS. Repair or replace damaged parts.

SAFETY INSTRUCTIONS FOR ALL EQUIPMENTS

- **Keep a clean work surface.** Cluttered areas and work surfaces are invite accidents.
- **Do not use the Slitter in hazardous environments.** Do not use in damp or wet locations or exposed to rain. Keep well-lit work area.
- **Keep children away.** Visitors should be kept safe distance from work area.
- **Make the workplace childproof** making use of padlocks, master keys or removing the ignition key.
- **Do not force tool.** It will perform the job better and safer for the intended use.
- **Use appropriate equipment.** Do not wear loose clothing, chains, rings, bracelets or other accessories that could become caught in moving parts.
- **It is recommended** wearing shoes with non-slip soles. Use protection for the hair in order to hold them.
- **Always wear safety glasses.**
- **Do not overreach on the equipment.** Maintain balance and feet in comfortable position at all times.
- **Keep all tools in order.** Keep tools sharp and clean for better and safer performance. Follow the instructions for lubricating and changing accessories.
- **Never step on the machine.** May occur serious accident if the machine is dented or if parts are accidentally touched.

- **Check for damaged parts.** Before continuing the use of Slitter, a guard or other part that is damaged should be examined carefully to determine its proper operation and perform its function properly. Check the alignment of moving parts, breakage of parts, mounting and any other condition that may affect its operation. Any part that is damaged should be repaired or replaced immediately.
- **Make sure** that the knobs and screws are properly tightened and safe before starting any operation.
- **Keep** hands away from moving or sharp parts.
- **Do not operate** without some parts of the machine.
- **Do not put your hands** less than 4in from the shaft.
- **Do not use** lubricants or cleaners (particularly sprays and aerosols) in the painting parts or plastic pieces. This material is sensitive to certain chemicals.

Do not operate the machine unless the guards are in their proper places.

Familiarization

Put the machine on a smooth and flat surface. Check the pictures and watch the descriptions to familiarize yourself with its components. The next section will deal with the necessary adjustments for the proper functioning of the machine. You should know these parts and will need to know where they are.

Especifications

Max. Width	160 mm (6 ¼")
Max, Thickness	1,0 mm
Feeder	Manual
Net Weight	16 Kg (35 pounds)

Transport and Installation

For packaging purposes, the machine is not fully assembled. If you notice any damage caused by transportation, while you open the package, notify your supplier immediately. Do not operate the machine.

Dispose the packaging in a friendly way with the environment.



The Slitter is designed to operate indoors and should be placed on a firm, stable and level surface.

CAUTION: To prevent the equipment from moving and causing lack of precision, ensure that the base where it is supported is not uneven.

UNPACKING AND ASSEMBLY

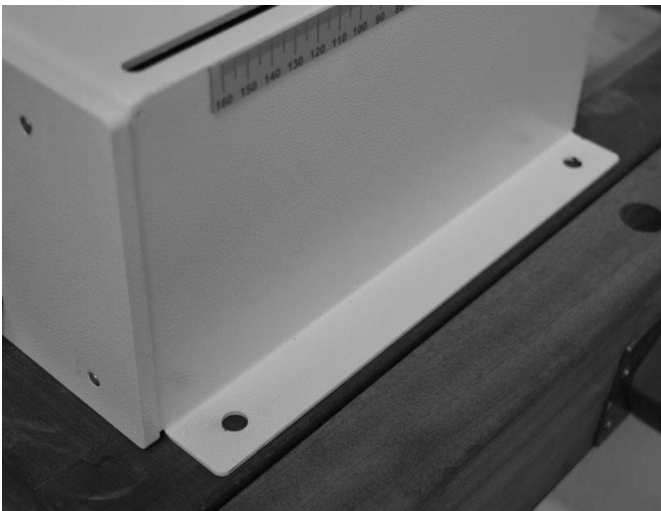
UNPACKING

Due to modern mass production techniques, it is unlikely that Slitter F.160 MAKSIWA is faulty or have parts missing. If you find anything wrong, do not use the equipment until the parts are replaced or the fault is corrected.

1. You will receive your machine packed.
2. Remove the machine from the packed with all the parts and accessories that go with it. For ease assembly, place it on a bench.
3. Put the handle on indicate position using a key 10 to the bolt and key 8 to lock the spindle, as shown below:



4. If necessary, fix the equipment on bench using screws or clamps:



ADJUSTMENTS AND OPERATIONS

1. GUIDE

Adjust the guide according with width that you desire. Remember to adjust the both sides of the guide with exactly same measure. See below:



2. MATERIALS

The Slitter F.160 MAKSIWA is designed to meet the needs of the woodworker to cut narrow strips to his Edgebander machine. Because that, this equipment work with materials like **PVC, ABS, paper, wood, Formica®** and others low density materials and with maximum thickness of 1,0 mm. **Do not use to cut metal.**

3. OPERATIONS

The operations made by the Slitter F.160 MAKSIWA, as well as any other machine, can pose risks to the operator if the instructions in this section are not taken into account.

These instructions are written with the understanding that the operator has the knowledge and skills necessary to operate this machine. If at any time you feel difficulty performing any operation, stop using the machine.

The machine must operate with all the protections and security systems that comes standard.

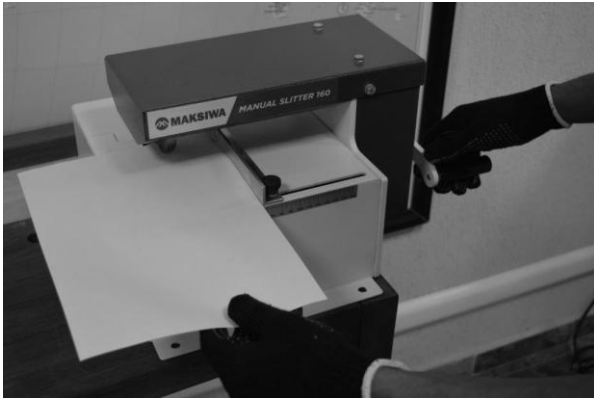
Above all, your safety must come first.



CAUTION. Crushing and cutting risk. Do not bring your hands within 10cm (4") cutter discs.

Do not wear loose clothing when operating this equipment.

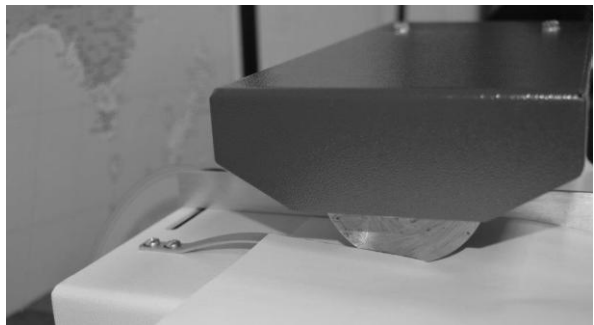
1. Insert the material to be cut so that the handle stay in your right side:



2. Hold the material, keeping always against to the guide, as shown below:



3. With the material against to the guide and the cutter discs, move the handle cutting the material:



See the other side:



4. Keep the material against to the guide and turning the handle until complete the piece.

MAINTENANCE

GENERAL

Periodic maintenance on your Slitter F.160 MAKSIWA will ensure optimum performance. Make it a habit to inspect your Slitter every time you use it.

This section covers the service adjustments or common procedures that may need to be made during the life of your equipment.

Verify if the following conditions for repair or replacement are needed:

- Loosen screws.
- Gears damaged.
- Cutter discs damaged.
- Any other condition that could adversely affect the safe operation of the equipment.

CLEANING

Clean your Slitter F.160 is relatively easy. Use a vacuum cleaner to remove the tape remains, and dusting with a dry cloth.

Periodically it is important to do all the cleaning of the equipment. Clean the guides, the axes and the cutter discs carefully.

LUBRIFICATION

Once all bearings are shielded and have permanent lubrication, just leave them like this until it is need to be replaced. Do not lubricate them. For the other items on this equipment, an occasional application of micro-oil to electric machine is needed in the moving parts, like axis and gears.

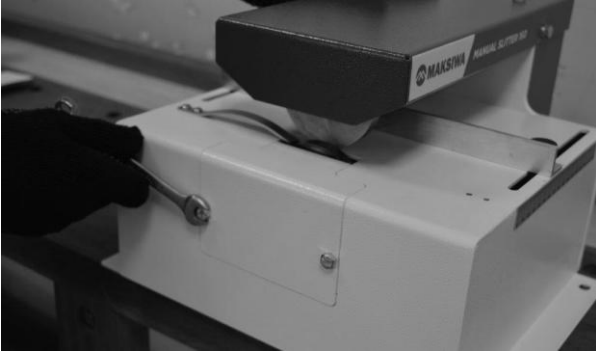
Before lubricating, try cleaning the areas to be lubricated, eliminating the accumulation of dirt.

CUTTER DISCS

If the discs loses its sharpness, you can turn it using the other face of the discs to make the cut. Remembering that this disc does not allow sharp. If necessary, with the wastage of the both faces of each disc, replace with new parts, by contacting the Maksiwa Service.

To remove or change the face of the discs, follow this steps:

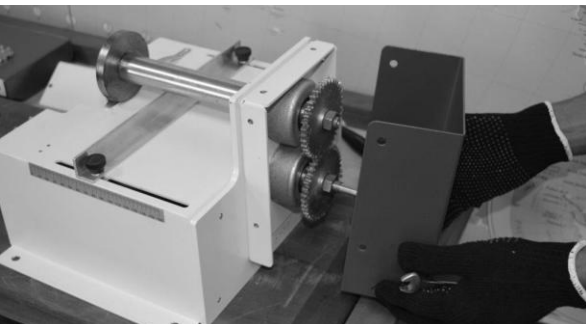
1. Remove the table cover using 10 key. See below:



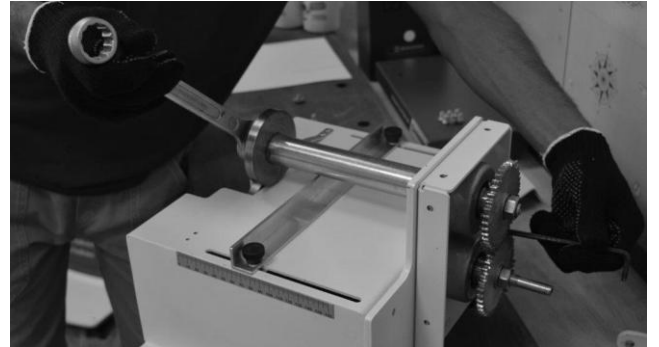
2. Using the 10 key, remove the drive shaft cover. See figures below:



3. Also remove the gear cover:

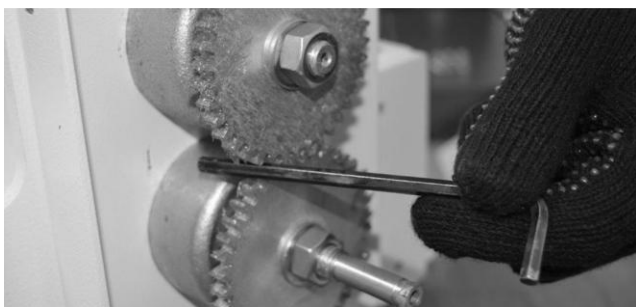


4. With the help of a other key or a any wood piece, block the gears on the right side avoiding turn and loose the upper disc with 24 key. See figures below:



5. To loose the under disc, folow the same way, now blocking the gear on the left side. Se figures below:





6. Reverse the face of the cutter discs or change it. After this, retighten all the bolts and replace all the covers.

MAINTENANCE SCHEDULE

Daily:

- Aspirate all dust on top and around the equipment.
- Clean the guide, table and cutter discs.

Weekly:

- Clean dust accumulation inside the equipment.
- Check for wear or damage of the moving parts.
- Check wear cutter discs

ASSISTÊNCIA TÉCNICA

WARRANTY TERM

The MAKSIWA assures the owner of his equipment, identified by the date of issue of the purchase invoice, a warranty of one (1) year, as follows:

1. The warranty period begins on the date of the commercial invoice.
2. Within the warranty period, the hand labor and the components replaced by manufacturing defect will be provided for free as long as duly proved by Maksiwa Service.
3. Third-party manufacturing equipment that makes up the MAKSIWA equipment (such as motors, electrical equipment, belts etc.) are subject to the terms and conditions of warranty of their respective manufacturers.
4. In case of exchange for the warranty, please return the defective part for the manufacturer urgently.

5. Costs and risks of transport will be by the machine owner.

6. Equipment installation expenses and workplace adaptations are due to the machine owner.

7. When you notice any defect or malfunction when receiving the equipment, get in touch immediately with the manufacturer or resale. Do not turn it on.

8. Not included in this warranty technical visits aimed at cleaning or adjustments caused by wear, resulting from normal use of the equipment.

9. The warranty does not cover problems caused by mistreatment, carelessness, misuse or inappropriate use of the functions designed for this equipment in this manual, as well as poorly executed operations by untrained operators to operate it.

10. The MAKSIWA is not responsible for lost productivity, direct or indirect damages caused to the owner of the equipment or to third parties, or any other expense, including lost profits.

11. Even under warranty, you may lose its validity as follows:

- a) Application of non-original components;
- b) Alteration of its original features;
- c) Lack of proper maintenance;
- d) Improper use of the equipment;
- e) Change in equipment or electronic connections;
- f) Damage caused by mechanical shock or exposure to unsuitable conditions (humidity, salt spray, corrosive agents, etc.);
- g) Damage caused by bad weather (floods, flooding, lightning, power outages etc.).

For your safety, trust the repairs, maintenance and adjustments (including inspection and replacement) for technical assistance recommended by MAKSIWA, always use genuine spare parts and accessories, reassembling to its original SLITTER F.160 the same way.

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