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› PYY 800W Electric Sugarcane Juicer Machine (Model 3-Roller-L80) User Manual

PYY 3-Roller-L80

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For Models: 3-Roller-L80

1. INTRODUCTION

Thank you for choosing the PYY 800W Electric Sugarcane Juicer Machine. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your juicer. Please read these instructions thoroughly before initial use and retain them for future reference.

This machine is designed for extracting juice from sugarcane in both home and commercial settings, offering high output and durability.

2. SAFETY INSTRUCTIONS

To prevent injury or damage to the machine, always adhere to the following safety precautions:

- **Electrical Safety:** Ensure the power supply matches the machine's requirements (110 Volts). Do not operate with wet hands or in wet environments. Always unplug the machine before cleaning or maintenance.
- **Moving Parts:** Keep hands, hair, loose clothing, and utensils away from the feeding opening and rollers during operation.
- **Sugarcane Preparation:** Always sharpen one end of the sugarcane before feeding it into the machine to prevent jamming and ensure smooth operation.
- **Stability:** Place the machine on a stable, level surface. Utilize the locking wheels to secure its position during use.
- **Cleaning:** The machine is **not dishwasher safe**. Clean all parts that come into contact with food by hand only.
- **Ventilation:** Ensure adequate ventilation around the machine to prevent overheating of the motor.
- **Children and Unauthorized Users:** Keep children and untrained individuals away from the machine during operation.

3. PRODUCT OVERVIEW

3.1 Components Included

The following components are included with your PYY Sugarcane Juicer Machine:

- Sugarcane juice machine unit
- Peelers (2 units)
- Power cord
- Raw tape & Manual
- Filter cleaning brush

3.2 Key Features

- **Powerful Motor:** Equipped with an 800W copper motor, providing 28 RPM and a high output of up to 660 lbs/hr of sugarcane juice. Designed for continuous operation.
- **Efficient Extraction:** Triple-roller design ensures sugarcane is pressed twice, achieving up to 80% juice extraction efficiency.
- **Adjustable Rollers:** Roller spacing can be adjusted to accommodate different sugarcane sizes.
- **Reverse Function:** A reverse knob is included to prevent jamming during operation.
- **Durable Construction:** Thickened stainless steel body with 304 food-grade stainless steel juice box and filter, ensuring corrosion resistance and easy cleaning.
- **Mobility:** Features four caster wheels (two with locks) and two handles for easy movement and positioning.
- **Ventilation:** Integrated ventilation holes at the base promote effective cooling and motor stability.

3.3 Specifications

Specification	Value
Brand	PYY
Model	3-Roller-L80
Power	800 Watts
Voltage	110 Volts
Motor Speed	28 RPM
Output Capacity	660 lbs/hr
Material	Stainless Steel (304 food-grade for juice contact parts)
Product Dimensions (D x W x H)	16.14" x 13.18" x 28.34"
Feeding Diameter	60mm (2.36 inches)
Item Weight	114.64 Pounds (approx. 52 kg)
Controller Type	Button
Number of Speeds	1
Product Care	Hand Wash Only

SUPERB PRODUCTION

Strike Efficiently, Double the Production Capacity

660 LBS
JUICE / H



75%
Extraction Efficiency

400 mL Juice
per 500g sugarcane



Image: Product dimensions and included accessories such as peelers, cleaning brush, and waterproof tape.

4. SETUP

- 1. Unpacking:** Carefully remove the juicer and all accessories from the packaging. Inspect for any damage during transit.
- 2. Placement:** Position the machine on a sturdy, level, and dry surface. Ensure there is sufficient space around the machine for ventilation and operation.
- 3. Wheel Installation (if not pre-installed):** Attach the four castor wheels to the base of the machine. Lock the two wheels equipped with brakes to prevent movement during operation.
- 4. Initial Cleaning:** Before first use, clean all parts that will come into contact with sugarcane juice. Refer to the "Maintenance and Cleaning" section for detailed instructions.
- 5. Power Connection:** Connect the power cord to a grounded 110V electrical outlet.



Image: The juicer machine highlighting its universal wheels and handles for easy movement.

5. OPERATING INSTRUCTIONS

Follow these steps for efficient sugarcane juicing:

1. **Prepare Sugarcane:** Using the provided peelers, remove the outer skin of the sugarcane. Sharpen one end of each sugarcane stalk to facilitate feeding into the machine.
2. **Power On:** Ensure the juice collection tray is in place. Turn on the machine using the power button. The rollers will begin to rotate.
3. **Feed Sugarcane:** Carefully insert the sharpened end of the sugarcane into the feeding opening. The rollers will pull the sugarcane through, extracting the juice.
4. **Juice Collection:** The extracted juice will flow into the juice box and through the filter into your collection cup or container placed below the faucet.
5. **Reverse Function:** If sugarcane gets stuck, press the reverse button to temporarily reverse the roller direction, allowing you to remove the jammed stalk. Then, resume normal operation.
6. **Repeat:** Continue feeding sugarcane until the desired amount of juice is collected.
7. **Power Off:** Once finished, turn off the machine and unplug it from the power outlet.



Image: The juicer in action, demonstrating the feeding process and juice extraction.



Image: Visual guide illustrating the three-step process for extracting sugarcane juice, from preparation to collection.

6. MAINTENANCE AND CLEANING

Regular cleaning and maintenance are crucial for the longevity and hygienic operation of your juicer.

1. **Immediate Cleaning:** Clean the machine immediately after each use to prevent sugar residue from hardening.
2. **Disassembly for Cleaning:**
 - Ensure the machine is unplugged.
 - Unscrew the designated screws on the cover to open the top section, exposing the rollers and juice box.
3. **Washing Rollers and Juice Box:** Pour water into the loading port to rinse the rollers and drain dirty water. Use the provided filter cleaning brush to thoroughly clean any residue from the rollers, juice box, and filter.
4. **Exterior Cleaning:** Wipe the exterior of the machine with a damp cloth. Do not use abrasive cleaners or immerse the main unit in water.
5. **Reassembly:** Once all parts are clean and dry, reassemble the machine, ensuring all screws are securely fastened.

6. **Storage:** Store the machine in a dry, clean place when not in use.

Important: This machine is for hand wash only. Do not place any parts in a dishwasher.



Image: Features promoting food-grade safety, including the dregs filter and 304 stainless steel components.



Image: A visual guide detailing the four steps for deep cleaning the juicer, including opening the cover and brushing the rollers.

7. TROUBLESHOOTING

If you encounter issues with your PYY Sugarcane Juicer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not turn on	No power, loose connection, faulty switch	Check power cord connection and outlet. Ensure the power switch is in the 'ON' position. If issues persist, contact customer support.
Sugarcane jams in rollers	Sugarcane not sharpened, too thick, fed too quickly	Press the reverse button to clear the jam. Ensure sugarcane is properly sharpened and peeled. Feed sugarcane slowly and one stalk at a time. Adjust roller spacing if necessary.
Low juice extraction	Rollers not properly adjusted, sugarcane not fed correctly	Ensure roller spacing is appropriate for the sugarcane thickness. Feed sugarcane through the machine twice for maximum extraction.
Unusual noise or vibration	Loose components, foreign object, motor issue	Turn off and unplug the machine. Inspect for any loose parts or foreign objects. If the noise persists, discontinue use and contact customer support.
Juice leakage	Improper assembly, damaged seal	Check that all components, especially the juice box and faucet, are correctly assembled and tightened. Inspect seals for damage.

8. WARRANTY AND SUPPORT

Your PYY 800W Electric Sugarcane Juicer Machine comes with **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures professional technical support.

For warranty claims, technical assistance, or any questions regarding your product, please contact PYY customer service. Have your model number (3-Roller-L80) and purchase information ready when contacting support.

Contact Information: Please refer to the contact details provided on the product packaging or the official PYY website.