



User Manual

Self Serve Pineapple Coring Machine



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PLEASE READ THIS USER MANUAL CAREFULLY AND FOLLOW INSTRUCTIONS BEFORE USE.

Performing activities on the Piñabar is allowed only by personnel who is:

1. Authorized based on education or experience.
2. Capable of performing the activity independently and safely.
3. Under the supervision of someone who is familiar with the activities and who has provided instructions.

TABLE OF CONTENTS

START-UP	1
STARTING POINT.....	1
PINEAPPLE CYCLE.....	2
WASTE BIN.....	3
CLEANING INSTRUCTIONS	3-4
SERVICE & MAINTENANCE	5
WARRANTY	5
SOLVING ERRORS	5
SPARE PARTS.....	6
TECHNICAL DATA	8

This User Manual has been prepared in accordance with legislation, as established in the machine guideline 2006/42/CE. This User Manual describes the operation and maintenance of the Piñabar. Regarding subjects not addressed in this manual or subjects that are not clear, please contact Juicernet directly. This User Manual should be stored in an accessible location for all who work with the Piñabar.

DISCLAIMER: The data and recommendations in this User Manual are based on the latest information before print. Information in this User Manual is subject to change without notice and does not represent a commitment on the part of the manufacturer or Juicernet.

Juicernet has made every effort to ensure that this User Manual is accurate; Juicernet disclaims liability for any inaccuracies or omissions that may have occurred. If you find information in this manual that is incorrect, misleading, or incomplete, we would appreciate your comments and suggestions. Juicernet disclaims liability for damage that has occurred due to the use of this manual and/or the use of the Piñabar.

PIÑABAR OPERATION

The Piñabar is a machine for coring and spearing pineapples. A fully functional system for automatic peeling of a pineapple within a timeframe of 20 seconds. The feed and output of the pineapple is done manually, while the remaining operations are completely automatic.

START-UP

The main switch of the Piñabar is located behind the front door. **NOTE: Once servicing is completed, close the door and lock it with the provided key.**

- ▶ Turn the switch by pushing the red tab up.

STARTING POINT

After starting up, the machine needs to be in the starting point position. This is indicated by the green flashing light of the start button.

If the machine is not at its starting point the normal functions will not work properly; the operation system needs to know where the tongs are before a function can be selected.

Put the machine at the starting point:

- ▶ Press the start button. The green light start button will flash.
- ▶ After the machine is at the starting point, "Place Pineapple" will flash indicating machine is ready for use.

First the vertical axis (pressing-axis) is put in starting position. If, when pressing the start button, the press is not at the top the motor is started and will move the press up. Is the press already at the top then the turning axis will be put in the right position.

The turning axis makes a maximum of one turn, even if the switch on the In/Output is already operated. This is done to make sure the machine always gets the exact same position: the tongs are in the front.

When the machine has been turned off longer than 15 seconds, the machine requires a test run before it's ready for use again. Never place a pineapple or bucket in the machine when performing a test run.

PINEAPPLE CYCLE

When all the conditions are met (starting position, empty waste bin, no running pineapple cycle) the lights flash "Place Pineapple" to indicate that a pineapple can be placed. "Place Bucket" will follow indicating a bucket needs to be placed at the bottom of the machine.

- ▶ Place pineapple and close the door
"Place Pineapple" light burns continuously

- ▶ Place bucket
"Place Bucket" light burns continuously

- ▶ Press the start button. (*Pineapple door is locked and machine starts operation.*)
Pineapple door is locked and machine begins operation. "Start" light burns continuously

- ▶ End of cycle as pineapple drops into the bucket
"Take Bucket" light flashes repeatedly

- ▶ Machine ready for next cycle
"Place Pineapple" light flashes repeatedly

When the pineapple and bucket are in place (the lights burn continuously). The start button will begin to flash green. If the bucket is removed before pressing the start button, the "Place Bucket" light will flash again. Place the bucket again.

Make sure the sliding door is closed properly and then press the start button. The sliding door will be locked and the cycle will start, the start button light now burns continuously.

If, after pressing the start button, the bucket is removed the light will burn continuously, the program will run until the moment the fruit is above the output valve. Place a bucket.

The pineapple turns through the machine. As soon as the pineapple sensor doesn't see the pineapple (in the beginning of the movement) the "Place Pineapple" light is turned off.

During the rotation to the press position, the top and bottom of the pineapple is cut, resulting in a pineapple with the proper height.

The turning axis stops at the "pressing axis" in the back of the machine. Now the presser moves down and the pineapple is pushed through the rosette blade. The skin of the pineapple is cut loose and falls into the waste bin. The core is also cut and pushed out.

If no bucket is present at the output station, the program stops. Place a bucket, the machine will continue and the "Place Bucket" light flashes continuously.

If the pineapple holder is at the output position, the pineapple will fall into the bucket and the cycle is finished.

The light "Take Bucket" will start flashing to indicate that the bucket can be removed. If this is completed the "Take Bucket" and "Start" lights are turned off. The "Place Pineapple" light will start flashing indicating the machine is ready for the next cycle.

WASTE BIN

After every cycle, the cut pineapple is registered by adding 1 to the counter. This is also the indicator for the number of skins in the waste bin (not visible in the display). If the maximum number of skins has been reached (standard set to 15) the orange light will start to flash. No pineapple can be cut at this time. The waste bin needs to be emptied. By opening the door, the count is automatically reset.



- ▶ Waste bin full. start button light flashes orange.
- ▶ Open the machine door.
- ▶ Remove the waste bin from the machine.
- ▶ Empty the waste bin.
- ▶ Place the waste bin back into the machine.
- ▶ Close the machine door. Orange light is off. "Place Pineapple" light flashes.

ATTENTION: THE WASTE BIN IS NOT CHECKED ON CONTENTS. IN CASE OF OPENING THE DOOR BUT NOT EMPTYING THE WASTE BIN, THE WASTE BIN COULD BECOME TOO FULL.

CLEANING INSTRUCTIONS

A trained operator is able to clean the Piñabar in approximately 15 minutes. Because of food safety and functional reasons, we recommend cleaning the machine once per day, at the end of each operational day.

- ▶ Open the door (See the manual in the door)

Please watch our online cleaning instruction video at: <https://youtu.be/mVWSjCIHqtU>
Or search Youtube for Piñabar cleaning instructions at the Dutch Food Technology channel.

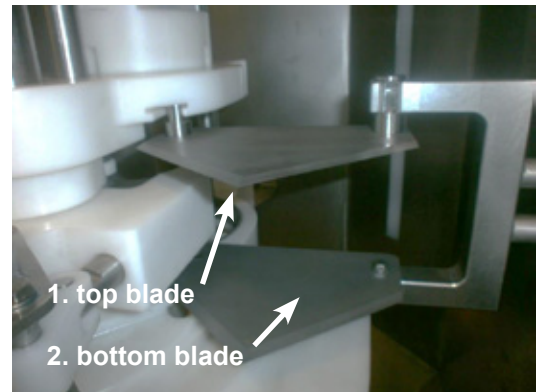
- ▶ Remove the removable parts from the machine (steps 1–7) as indicated below.

1. Turn the top blade counter-clockwise to remove.

**CAUTION: VERY SHARP BLADES!
CUT-SAFE GLOVES RECOMMENDED.**

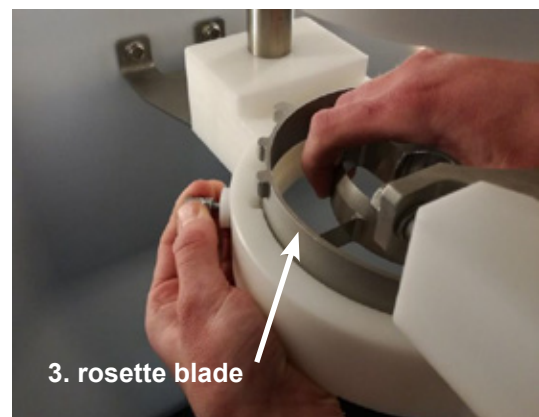
2. Turn the bottom blade counter-clockwise to remove.

**CAUTION: VERY SHARP BLADES!
CUT-SAFE GLOVES RECOMMENDED.**

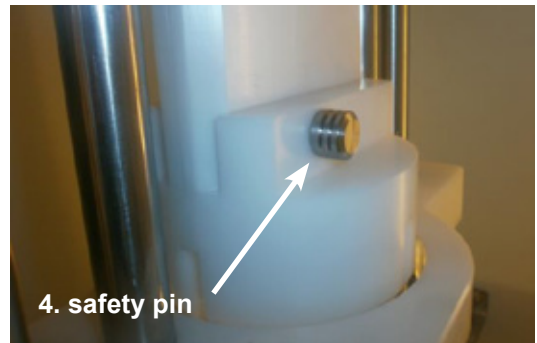


3. Remove the Rosette blade from the cutout in the connecting unit. Pay attention to positioning and sharp side up. Be sure to lift blade up, by pressing it from the bottom. Then remove it.

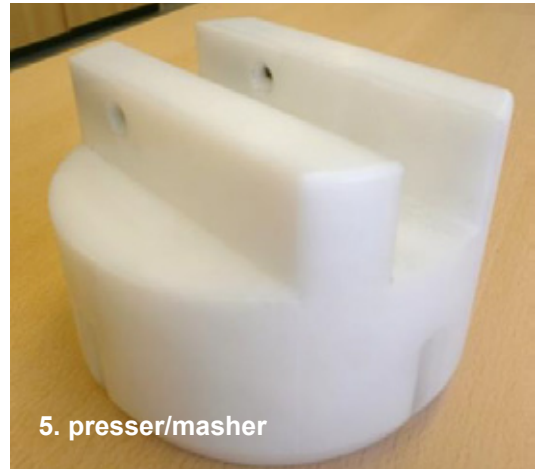
**CAUTION: VERY SHARP BLADES!
CUT-SAFE GLOVES RECOMMENDED.**



4. Remove the safety pin.



5. Remove the presser/masher from the machine.



6. Twist the pineapple cup/holder from the valve.



7. Remove the safety valves from the machine.



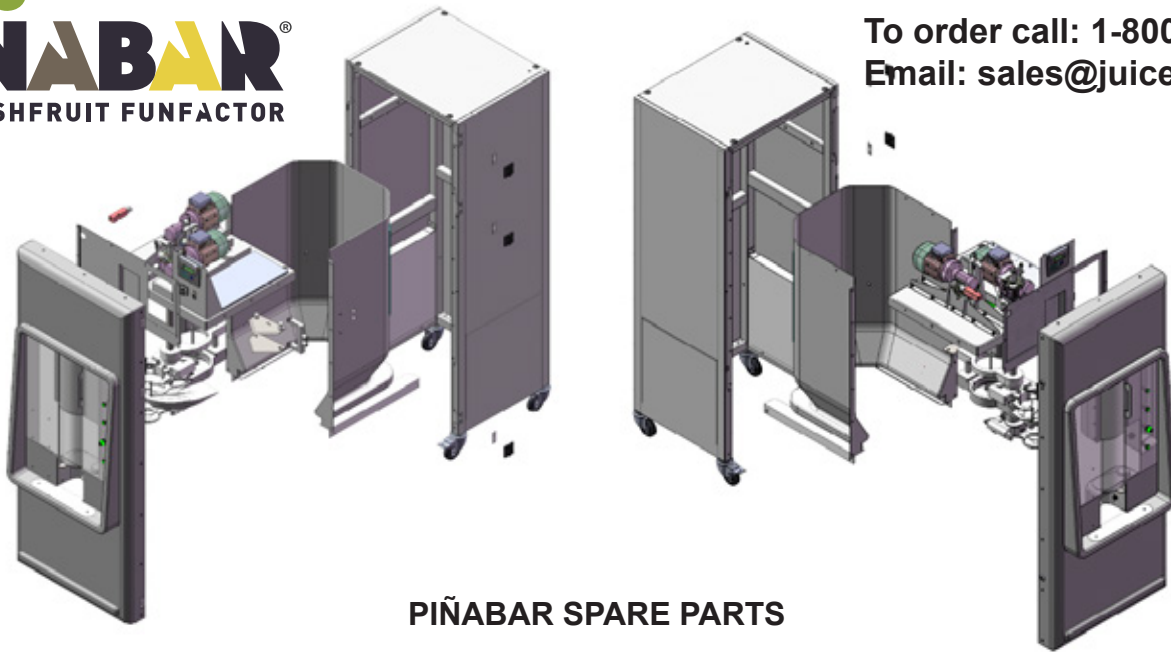
8. Empty the waste bin (see page 3).
9. Clean machine with warm water and soap.
10. Removable parts can also be placed in dishwasher except for the blades.
11. Now place the parts back into the machine in reverse order:
 - a. Place part 6 back into the machine. Make sure the two green dots are aligned over each other.
 - b. Place part 5, the presser/masher, into the machine and fix it with the safety pin (number 4) to the press unit.
 - c. Place part 3, the Rosette blade into the cutout of the connecting beam. Pay attention to positioning and sharp side up.
 - d. Place part 2, the bottom blade into the machine. Place it in the cutout of the connecting beam. When placed, press the blade to lock it in correctly.
 - c. Place part 1, the top blade into the machine. Place it in the cutout of the connecting beam. When placed, press the blade to lock it in correctly. The top blade is marked with an inscription "mes boven".

In case of intermediate cleaning (not at the end of the day) the machine can be switched on with the main switch. Close the door and position the machine back to its starting position as indicated on page 1.

SOLVING ERRORS

In case of an error, the red lights will flash, indicating machine is not in the starting position.

- ▶ Open the door.
- ▶ Remove pineapple from machine.
- ▶ Turn main switch to "OFF" and wait a minimum of 10 seconds.
- ▶ Turn main switch to "ON".
- ▶ The machine is reset and will return to the starting position.



PIÑABAR SPARE PARTS

DESCRIPTION	SIZE	PART NUMBER	DESCRIPTION	SIZE	PART NUMBER
Safety Valve.....		74333312-01-016		T6S	74333312-01-306
Ring Safety Valves		74333312-08-031		T7	74333312-01-301
Pineapple Cup/Holder	T5	74333312-01-916		T7S	74333312-01-304
	T5S	74333312-01-918		T8	74333312-01-300
	T6	74333312-01-914		T8S	74333312-01-309
	T6S	74333312-01-919		T9	74333312-01-301
	T7	74333312-01-913		T9S	74333312-01-311
	T7S	74333312-01-907	Blade Set.....	T5	74333312-01-100
	T8	74333312-01-915		T5S	74333312-01-104
	T8S	74333312-01-925		T6	74333312-01-101
	T9	74333312-01-926		T6S	74333312-01-105
	T9S	74333312-01-927		T7	74333312-01-102
Presser	T5	74333312-01-023		T7S	74333312-01-106
	T5S	74333312-01-042		T8	74333312-01-103
	T6	74333312-01-013		T8S	74333312-01-107
	T6S	74333312-01-038		T9	74333312-01-108
	T7	74333312-01-007		T9S	74333312-01-109
	T7S	74333312-01-021	Cup Sensor.....		74333312-07-019
	T8	74333312-01-002	Pineapple Sensor		74333312-07-016
	T8S	74333312-01-046	Fall-out Unit		74333312-01-960
	T9	74333312-01-055	Main Key.....		N/A
	T9S	74333312-01-056	Waste Bin		74333312-07-002
Presser Safety Pin.....		74333312-02-016	Dolly for Waste Bin		101-204-00-001
Top Blade.....	T5+T5S	74333312-01-324	Cup Stand.....		8719326017327
	T6+T6S	74333312-01-326	Sensor Motion Motor		74333312-07-001
	T7+T7S	74333312-01-327	Swivel Caster.....		N/A
	T8+T8S	74333312-01-328	Caster		N/A
	T9+T9S	74333312-01-329	Main Switch		N/A
Bottom Blade		74333312-01-325	Electric Switch		N/A
Rosette Blade	T5	74333312-01-303	Front Door (complete)		74333312-01-011
	T5S	74333312-01-307	Drain Grill.....		74333312-05-018 + 74333312-05-024
	T6	74333312-01-302	PLC Unit		74333312-07-025
			Frequency Controller.....		N/A

TECHNICAL DATA

PRODUCT SPECIFICATIONS:

Dimensions: 76"H x 29"W x 32"D

Weight: 725 lbs.

Color: Fully customizable

Blades: Available for pineapple types 5-9; always use the correct blade set for each size.

Waste container capacity: 40 lbs. of peel (25 pineapples)

Capacity: 5/min

Cleaning: We recommend cleaning once per day.

Waste container and user manual included with each machine.

ELECTRICAL SPECIFICATIONS:

120V, 60Hz single phase 20 AMP

Service on a dedicated circuit.

Power: 350 watts

Sound level: < 70 dB

SHIPPING SPECIFICATIONS:

Height: 85 in.

Width: 48 in.

Depth: 48 in.

Weight: 750 lbs.

PINEAPPLE CONTAINER SPECIFICATIONS:

Diameter top: 4.6 in.

Diameter bottom: 3.6 in.

Height: 4.9 in.

Pineapple sizes 5 and 6 = 1000 ml container

Pineapple sizes 7 and 8 = 850/870 ml container

WARRANTY:

1 year parts and 90 days labor

CERTIFICATIONS:

