



## **MODEL SC-3 NSF SUGAR CANE JUICER OPERATOR MANUAL**



**JUICERNET BY MULLIGAN ASSOCIATES, INC.**

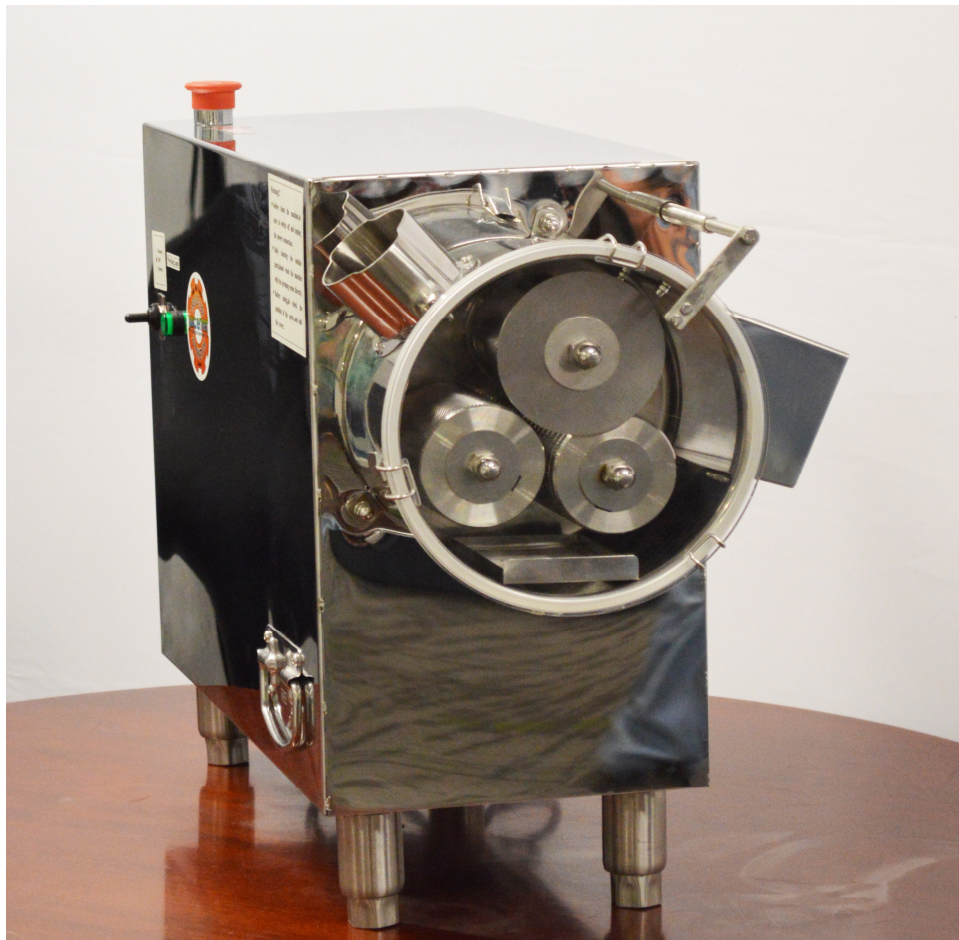
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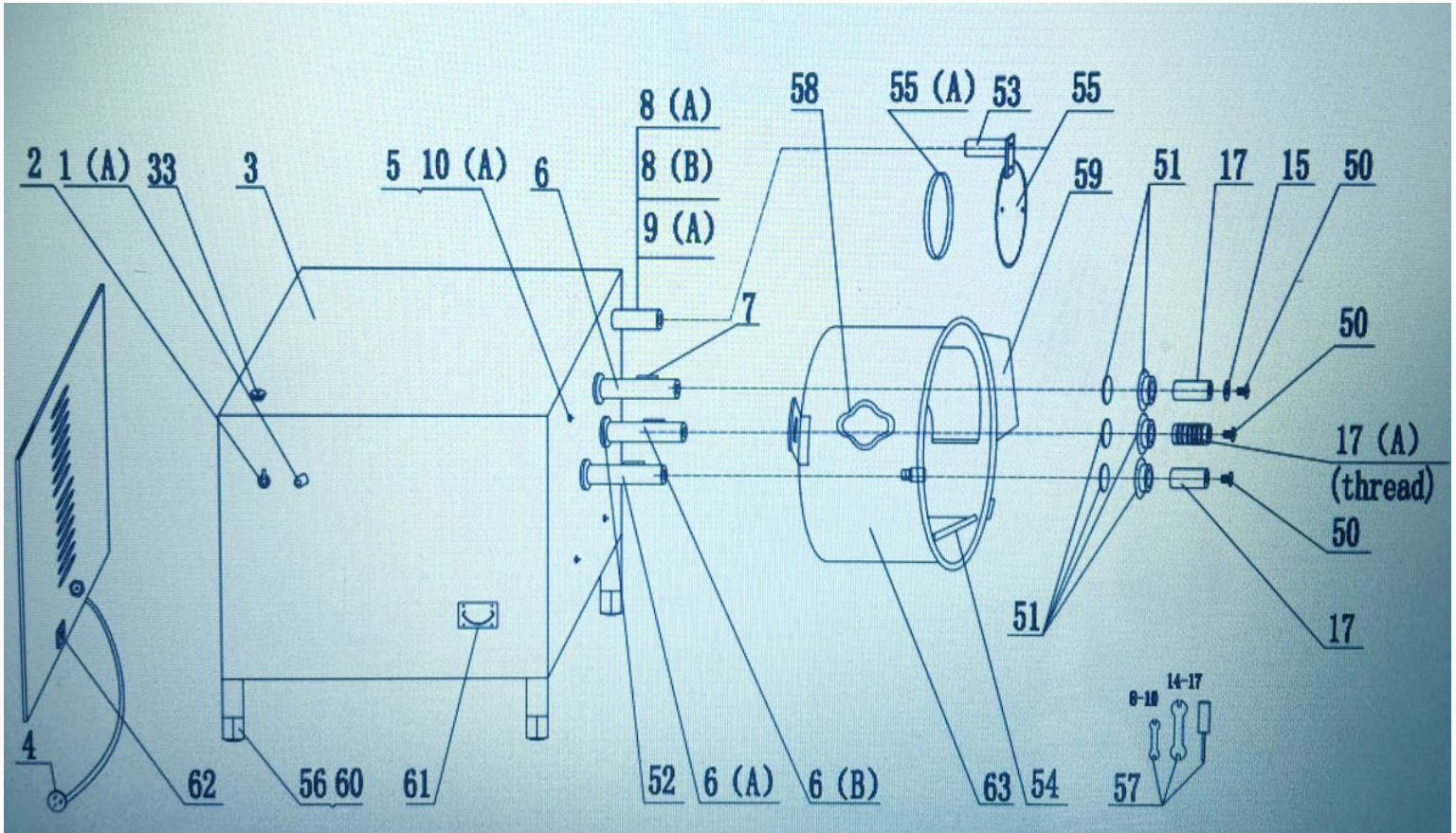
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## 1. Introduction

The Model SC-3 sugar cane juicer is unlike the traditional commercial juicer. It is highly efficient and easy to clean because of the removable rollers and juice cabinet. This machine is ideal for Juice Bars, Restaurants, Hotels, Supermarkets, Health Clubs, etc.



## 2. Diagram of Main Parts



### Description of Main Parts

Part No.	Description	Part No.	Description
SC-1 (A)	Power Light (infix type)	SC-9	Safety Switch (110v)
SC-2 (L)	Power Switch (On/Off, 25 amp)	SC-10 (A)	Screw (cap nut M6)
SC-3	Top Body of Machine	SC-15	Washer for Roller
SC-4	Plug (USA type / 110v)	SC-17	Roller (Threaded Roller #SC-17A)
SC-5	Cabin Screw	SC-33	Emergency On/Off Switch (110v)
SC-6	Roller Shaft (up/motor)	SC-50	Roller Screw
SC-6 (A)	Roller Shaft (left side)	SC-51	Seal and Cover
SC-6 (B)	Roller Shaft (right side)	SC-52	Small Nylon Spacer
SC-7	Key of Shaft (10x50)	SC-53	Safety Switch Rod

Part No.	Description	Part No.	Description
SC-8 (A)	Safety Switch Stick (shorter M12)	SC-54	Filter
SC-8 (B)	Safety Switch Stick (shorter M5)	SC-55	Lexan Door
SC-55 (A)	Silicone Seal for Cabin	SC-60	100mm Legs
SC-56	Adjust Legs (750-105mm)	SC-61	Handles
SC-57	New Tool (8-10#, 14-17# wrenches and straight screwdriver)	SC-62	Circuit Breaker (10 amp)
SC-58	Entry Chute	SC-63	Juice Cabin
SC-59	Exit Chute		

### 3. Features

- Roller (17) and juice cabinet (63) is easy to remove for cleaning
- NSF Certified
- Cover of cabinet (55) is stainless steel.
- Stainless steel exterior finish and rollers, easy cleaning and fine appearance.
- Sugarcane juice and residue automatically divide, getting high efficiency.
- All gear driven, quiet and long life.
- Forward-reverse switch (2); overload switch (62).
- Safety switch (9A), emergency switch (33)

### 4. Main Technical Data

Type/name	Model SC-3 Sugarcane juicer
Net/gross:	198 / 223 lbs
Power	10 amp
Size (w*l*h)	13" x 27" x 21"
Supply	110V/60hz /1/2 hp
Crate dimensions (w*l*h)	16" x 32" x 27"
Efficiency	15 rpm
Sugarcane diameter	Smaller than 2 1/4"

## 5. Operating Steps

- Preparations
  - Place the machine on the table/counter after it is taken out of the box. Make sure that no parts are missing. Connect the power plug (4) into a standard 15amp electrical outlet, (make sure the connected outlet is grounded), then turn on the power switch (2) into forward position. Run the machine without load and make sure it sounds smooth and there are no obstructions.  
**IMPORTANT: Emergency switch must be in the on position for the juicer to operate**
  - For best results cut the sugarcane into shorter pieces, 18-20 inches long, with an angle for easy feeding into the machine. The diameter should be smaller than 2 ¼ inches.
  - Check the position of the filter (18) and container to collect juice.
  - Before using you must clean the parts. Do not use any strong acid detergents to clean the cover of cabinet (55/55A). Do not directly spray or soak the outside of the machine in water. It is best to wipe down with a damp cloth. **The juicer is NOT hoseable.**
- Juicing Steps
  - Turn on the forward switch (2) and let the machine run without load for 30 seconds. Then feed the short pieces of sugarcane into the roller. **WARNING!!!** It is dangerous to get your hand or fingers too close or inside of the intake feed chute. After squeezing juice, be sure to remove and clean all of the juicing parts. Always make sure to turn off the machine and disconnect the power cord before cleaning or trouble-shooting.

## 6. Troubleshooting

<b>Problem</b>	<b>Possible Cause</b>	<b>Troubleshooting</b>
Work lamp (1) is lighted, but machine is not working.	<ol style="list-style-type: none"> <li>1. Cover of cabinet (55) is not in the correct position.</li> <li>2. Safety switch (9A) is wrong.</li> <li>3. Power switch (2) is bad.</li> </ol>	<ol style="list-style-type: none"> <li>1. Insert the cover of cabinet (12) to correct position.</li> <li>2. Change the safety switch (9).</li> <li>3. Change the power switch (2).</li> <li>4. Change the switch (33)</li> <li>5. Check emergency switch and make sure it is on</li> </ol>
Work lamp (1) does not light, and machine is not working.	<ol style="list-style-type: none"> <li>1. Check the power to machine is correct.</li> <li>2. Check the circuit breaker to see if it is ok.</li> <li>3. Power switch (62) and power lamp (1A) is bad.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check power cord is plugged in.</li> <li>2. Change the power switch (10A) and power lamp (1A).</li> </ol>
No juice is coming out	<ol style="list-style-type: none"> <li>1. Check the position of the power switch (2).</li> <li>2. Sugarcane is dry.</li> <li>3. Bearing and Seal needs replacing</li> </ol>	<ol style="list-style-type: none"> <li>1. Put the switch in forward position.</li> <li>2. Wash and change the type of sugarcane.</li> <li>3. Change the bearing.</li> </ol>
Broken bits in juice	<ol style="list-style-type: none"> <li>1. The position of the filter (54) is not good.</li> <li>2. Roller needs to be cleaned.</li> </ol>	<ol style="list-style-type: none"> <li>1. Change the filter (54).</li> <li>2. Clean the roller (17).</li> </ol>
Turbid juice	<ol style="list-style-type: none"> <li>1. Sugarcane is not fresh.</li> <li>2. Sugarcane is not washed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Change the sugarcane</li> <li>2. Wash the sugarcane carefully.</li> </ol>
Little juice	<ol style="list-style-type: none"> <li>1. Bearing is wrong.</li> </ol>	<ol style="list-style-type: none"> <li>1. Change the bearing or gear box.</li> </ol>
Loud Noise	<ol style="list-style-type: none"> <li>1. No oil in the gear box of motor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Add oil or change the motor.</li> </ol>

