

TECHNICAL SPECIFICATIONS OF PIO

1. Runs on 0.5 HP single phase electric motor which is inbuilt.
2. 3 Food-grade stainless steel 304 rollers.
3. Dimensions - Length 19" x Width 8" x Height 15".
4. Machine net weight - 41 Kg.
5. Full body & all contact parts made of stainless steel 304.
6. Power Consumption: Very economical, USD 1 for 5000 glasses / For India Rs. 1 for 100 glasses of juice.

FEATURES OF PIO

1. Crushes 120 Kg sugarcane in 1 Hour giving 300 + Glasses of juice each of 200 ml.
2. Juice is extracted completely in single crushing. Second crushing not required.
3. Very compact, can be moved from one place to another easily.
4. Very efficient, sturdy and noiseless.
5. Very simple and easy to operate, even a child can easily operate it.
6. Runs on single phase, so can be used anywhere. (Where there is electric connection).
7. No open parts as in traditional sugarcane crushers. So, contamination from flies and dust is avoided.
8. No maintenance required except regular cleaning. Very easy to clean. Just pour 2 glasses of water at sugarcane inlet and machine is cleaned.

ACCESSORIES WITH THE MACHINE:

- SUGARCANE CUTTER
- SCRUB FOR CLEANING SUGARCANE STICKS
- BRUSH FOR CLEANING SUGARCANE ROLLERS
- 2 STRAINERS (SMALL & BIG) TO FILTER SUGARCANE JUICE



COMPARISON CHART

No.	PIO SUGARCANE JUICER	TRADITIONAL SUGARCANE JUICER
1.	HIGH-GRADE STAINLESS-STEEL BODY, SO NO RUSTING	LOW GRADE C.I. / MS MATERIAL, RUSTING IS POSSIBLE
2.	3 ROLLER EFFICIENT DESIGN	2 ROLLER IN-EFFICIENT DESIGN
3.	INBUILT MOTOR	MOTOR OUTSIDE
4.	CLOSED BODY	OPEN BODY
5.	100% OPERATIONAL SAFETY	RISKY FOR OPERATOR
6.	MINIMUM SPACE	MORE SPACE REQUIRED
7.	0.5 HP SINGLE PHASE MOTOR	2 HP MOTOR NEEDED
8.	SUPER HYEGENIC SO INSECTS CAN'T SIT ON MACHINE	INSECTS ARE FLYING ALL AROUND SO INHYGENIC
9.	ZERO MAINTENANCE	FREQUENT MAINTANANCE
10.	USER FRIENDLY	NOT USER FREINDLY
11.	REVERSE MECHANISM	NOT POSSIBLE
12.	3 ROLLERS BOTH SIDE SUPPORTED	SOMETIMES HANGING ROLLER ONE SIDE SUPPORTED
13.	65% JUICE EXTRACTION BY WEIGHT OF SUGARCANE BY SINGLE CRUSHING	UP TO 57% JUICE EXTRACTION BY WEIGHT AFTER 4~5 TIMES CRUSHING
14.	ONE TIME CRUSHING, TIME SAVING	TIME WASTING
15.	41 KG WEIGHT EASY TO CARRY WITH BOTH SIDE HANDLES FOR LIFTING	125 KG WEIGHT AND HANDLES NOT PROVIDED FOR LIFTING
16.	3 METERS LONG CABLE	CABLES NOT PROVIDED WITH MOTOR
17.	120 KG CRUSHING CAPACITY PER HOUR = SUGARCANE JUICE 300 GLASSES	80 KG CRUSHING CAPACITY PER HOUR = SUGARCANE JUICE 182 GLASSES
18.	PIO JUICER CAN BE CARRIED IN 2-WHEELER ALSO	IT CAN'T BE CARRIED EVEN IN 4-WHEELER CAR