



COMMERCIAL BEVERAGE & JUICE PROCESSING EQUIPMENT SUPPLIER | EST. 2011

# COMMERCIAL SUGARCANE JUICER SJ SERIES

Official Technical Parameters Matrix (2023.08.24 Revision)



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**PRODUCT CATALOG & FULL SPECIFICATION MATRIX**

Zhengzhou Newin Machinery Co., Ltd.

# 1. Executive Summary & Core Advantages

**Newin Machinery SJ Series Sugarcane Juicers** are engineered for maximum juice extraction yield, hygiene compliance, and reliable continuous operation. Built with 304 food-grade stainless steel rollers, enclosed gearboxes, and multi-stage filtration, the SJ series ensures high pressing efficiency with juice yields exceeding 80% in a single pass.

## Key Technical Features

- Solid Extrusion System:** Heavy-duty stainless steel press rollers deliver strong compression forces for complete juice extraction.
- Versatile Power Options:** Full series coverage including Manual, DC Battery, AC Electric Direct-Drive, Gasoline Engine, and Industrial Heavy-Duty Models.
- Automatic Fiber Separation:** Integrated fine stainless steel filter plate yields pure, clear juice with automatic bagasse discharge.
- Hygienic SUS304 Construction:** Full stainless body with waterproof motor enclosure and removable juice tray for rapid cleaning.

## 2. Complete Product Line Specification Matrix

| MODEL     | CATEGORY           | VOLTAGE | POWER  | BATTERY SPECS  | REV. | INLET | RPM    | DIMENSIONS (L*W*H) | N.W.   | HANDLE | SWITCHING POWER  |
|-----------|--------------------|---------|--------|----------------|------|-------|--------|--------------------|--------|--------|------------------|
| SJ3FB17   | Battery Model      | DC24V   | 480W   | DC24V 13.1*2AH | N    | 62mm  | 20 Rpm | 32*34*50 CM        | 47 kg  | Y      | N                |
| SJ3FM17   | Dual Power Model   | DC24V   | 480W   | DC24V 13.1*2AH | N    | 62mm  | 20 Rpm | 32*34*50 CM        | 49 kg  | Y      | Split DC24V 800W |
| SJ3FE17   | Electric Model     | AC220V  | 750W   | N              | Y    | 62mm  | 25 Rpm | 32*34*74 CM        | 55 kg  | Y      | N                |
| SJ3FT17D  | Silent Tabletop    | AC220V  | 800W   | N              | Y    | 62mm  | 15 Rpm | 32*34*56 CM        | 48 kg  | Y      | N                |
| SJ3FO17   | Manual Tabletop    | —       | —      | —              | —    | 62mm  | —      | 34*42*37 (H) CM    | 35 kg  | —      | —                |
| SJ4FE23   | Top Feed 4-Roller  | AC220V  | 750W   | —              | Y    | 62mm  | 20 Rpm | 32*40*75 CM        | 60 kg  | Y      | N                |
| SJ3F0.5T  | 0.5-Ton Industrial | AC220V  | 1.5 KW | —              | Y    | —     | 25 Rpm | 56*35*78 CM        | 95 kg  | N      | —                |
| SJ3F1T    | 1-Ton Industrial   | AC380V  | 2.2 KW | —              | Y    | —     | 25 Rpm | 82*40*60 CM        | 163 kg | N      | —                |
| SJ3F2T    | 2-Ton Industrial   | AC380V  | 3.7 KW | —              | Y    | —     | 25 Rpm | 90*60*65 CM        | 235 kg | N      | —                |
| SJ3F04T   | 4-Ton Industrial   | AC380V  | 7.5 KW | —              | Y    | —     | 30 Rpm | 170*79*87.5 CM     | 700 kg | N      | N                |
| SJ3FO17EN | Gasoline Model     | —       | 7 HPEN | —              | N    | 62mm  | 30 Rpm | 71*44*88 (H) CM    | 70 kg  | N      | N                |
| SJ3FB20   | Battery Model      | DC24V   | 480W   | DC24V 13.1*2AH | N    | 62mm  | 20 Rpm | 32*34*50 CM        | 47 kg  | Y      | N                |

| MODEL    | CATEGORY        | VOLTAGE | POWER | BATTERY SPECS     | REV. | INLET | RPM    | DIMENSIONS (L*W*H) | N.W.  | HANDLE | SWITCHING POWER |
|----------|-----------------|---------|-------|-------------------|------|-------|--------|--------------------|-------|--------|-----------------|
| SJ3FB20P | Battery Modell  | DC24V   | 480W  | DC24V<br>13.1*2AH | N    | 62mm  | 20 Rpm | 32*34*74 CM        | 55 kg | Y      | N               |
| SJ3FE20  | Electric Model  | AC220V  | 750W  | N                 | Y    | 62mm  | 25 Rpm | 32*34*74 CM        | 55 kg | Y      | N               |
| SJ3FT20D | Silent Tabletop | AC220V  | 800W  | N                 | Y    | 62mm  | 15 Rpm | 32*34*56 CM        | 48 kg | Y      | N               |
| SJ3FE20L | Electric Model  | AC220V  | 750W  | N                 | Y    | 62mm  | 25 Rpm | 32*34*74 CM        | 55 kg | Y      | N               |

### 3. Detailed Specifications by Model

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#### Model SJ3FB17 — Battery Powered Sugarcane Juicer



- **Voltage / Power:** DC24V | 480W | **Battery:** DC24V 13.1\*2AH
- **Performance:** 20 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: N
- **Body Dimensions & Weight:** 32\*34\*50 CM | N.W.: 47 kg
- **Additional Features:** Handle: Y | Switching Power: N

#### Model SJ3FM17 — Dual Power Sugarcane Juicer



- **Voltage / Power:** DC24V | 480W | **Battery:** DC24V 13.1\*2AH
- **Performance:** 20 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: N
- **Body Dimensions & Weight:** 32\*34\*50 CM | N.W.: 49 kg
- **Additional Features:** Handle: Y | **Switching Power:** Split DC24V 800W

#### Model SJ3FE17 — Electric Sugarcane Juicer



- **Voltage / Power:** AC220V | 750W | **Battery:** N
- **Performance:** 25 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: Y
- **Body Dimensions & Weight:** 32\*34\*74 CM | N.W.: 55 kg
- **Additional Features:** Handle: Y | Switching Power: N

### Model SJ3FT17D — Silent Tabletop Sugarcane Juicer



- **Voltage / Power:** AC220V | 800W | Battery: N
- **Performance:** 15 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: Y
- **Body Dimensions & Weight:** 32\*34\*56 CM | N.W.: 48 kg
- **Additional Features:** Handle: Y | Switching Power: N

### Model SJ3FO17 — Portable Manual Tabletop Sugarcane Juicer



- **Operation:** Manual Hand-Crank | 62mm Inlet Diameter
- **Body Dimensions & Weight:** 34\*42\*37 (H) CM | N.W.: 35 kg

### Model SJ4FE23 — Top Feed 4-Roller Sugarcane Juicer



- **Voltage / Power:** AC220V | 750W | Reverse Function: Y
- **Performance:** 20 Rpm Roller Speed | 62mm Inlet Diameter
- **Body Dimensions & Weight:** 32\*40\*75 CM | N.W.: 60 kg
- **Additional Features:** Handle: Y | Switching Power: N

### Model SJ3F0.5T — 0.5-Ton Industrial Sugarcane Juicer



- **Voltage / Power:** AC220V | 1.5 KW | Reverse Function: Y
- **Performance:** 25 Rpm Roller Speed
- **Body Dimensions & Weight:** 56\*35\*78 CM | N.W.: 95 kg
- **Additional Features:** Handle: N

### Model SJ3F1T — 1-Ton Industrial Sugarcane Juicer



- **Voltage / Power:** 380V (3-Phase) | 2.2 KW | Reverse Function: Y
- **Performance:** 25 Rpm Roller Speed
- **Body Dimensions & Weight:** 82\*40\*60 CM | N.W.: 163 kg
- **Additional Features:** Handle: N

### Model SJ3F2T — 2-Ton Industrial Sugarcane Juicer



- **Voltage / Power:** 380V (3-Phase) | 3.7 KW | Reverse Function: Y
- **Performance:** 25 Rpm Roller Speed
- **Body Dimensions & Weight:** 90\*60\*65 CM | N.W.: 235 kg
- **Additional Features:** Handle: N

## Model SJ3F04T — 4-Ton Heavy Industrial Sugarcane Extractor



- **Voltage / Power:** 380V (3-Phase) | 7.5 KW | Reverse Function: Y
- **Performance:** 30 Rpm Roller Speed
- **Body Dimensions & Weight:** 170\*79\*87.5 CM | N.W.: 700 kg
- **Additional Features:** Handle: N | Switching Power: N

## Model SJ3FO17EN — Gasoline Engine Sugarcane Juicer



- **Engine Power:** 7 HPEN (Gasoline Engine) | Reverse Function: N
- **Performance:** 30 Rpm Roller Speed | 62mm Inlet Diameter
- **Body Dimensions & Weight:** 71\*44\*88 (H) CM | N.W.: 70 kg
- **Additional Features:** Handle: N | Switching Power: N

## Model SJ3FB20 — Countertop Sugarcane Juicer



- **Voltage / Power:** DC24V | 480W | **Battery:** DC24V 13.1\*2AH
- **Performance:** 20 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: N
- **Body Dimensions & Weight:** 32\*34\*50 CM | N.W.: 47 kg
- **Additional Features:** Handle: Y | Switching Power: N

### Model SJ3FB20P — Vertical Sugarcane Juicer



- **Voltage / Power:** DC24V | 480W | **Battery:** DC24V 13.1\*2AH
- **Performance:** 20 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: N
- **Body Dimensions & Weight:** 32\*34\*74 CM | N.W.: 55 kg
- **Additional Features:** Handle: Y | Switching Power: N

### Model SJ3FE20 — Vertical Sugarcane Juicer



- **Voltage / Power:** AC220V | 750W | Battery: N
- **Performance:** 25 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: Y
- **Body Dimensions & Weight:** 32\*34\*74 CM | N.W.: 55 kg
- **Additional Features:** Handle: Y | Switching Power: N

### Model SJ3FT20D — Countertop Sugarcane Juicer



- **Voltage / Power:** AC220V | 800W | Battery: N
- **Performance:** 15 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: Y
- **Body Dimensions & Weight:** 32\*34\*56 CM | N.W.: 48 kg
- **Additional Features:** Handle: Y | Switching Power: N

## Model SJ3FE20L — Lever-style Sugarcane Juicer



- **Voltage / Power:** AC220V | 750W | Battery: N
- **Performance:** 25 Rpm Roller Speed | 62mm Inlet Diameter | Reverse Function: Y
- **Body Dimensions & Weight:** 32\*34\*74 CM | N.W.: 55 kg
- **Additional Features:** Handle: Y | Switching Power: N

## 4. Factory Contact & Commercial Support

Contact our sales engineering team for factory wholesale pricing, custom power voltage options, or technical consultations:

**Company:** Zhengzhou Newin Machinery Co., Ltd.

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