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# SANTOS®



## Centrifugal Juicer # 50 "Santos Juicer"

- Easily extracts the maximum quantity of pure juice and vitamins from most fruits and vegetables
- Ideal for juice bars and health food stores

### Large capacity juicer

- Up to 25 gallons (100 liters) of apple juice per hour
- Can juice a whole apple or tomato or several carrots in a few seconds
- Saves time : no need to cut fruits or vegetables into smaller pieces (extra wide feeding chute : 3" / 79.5mm)
- Continuous pulp ejection into a large polyethylene container

### Easy to use and clean

- Nothing to screw or unscrew
- Easy and safe locking and unlocking system with a simple and attractive handle in front of the cover
- Easy assembly and disassembly of the three main removable parts : cover, filter-basket and bowl

### Heavy duty commercial motor

- Asynchronous, powerful (800W), very quiet

### Safety Features

- Original locking arms and instant braking system when opened

### Durable and attractive design

- Made of sturdy and food safe quality materials : stainless steel (bowl, filter-basket), black polyethylene (pusher, pulp container), polycarbonate (cover), black rubber (seals)

### Compact size

- Portable and easy to move

**MADE IN FRANCE**  
Internationally patented

## Introducing the Santos Juicer

### Polyethylene pusher

To extract the maximum of juice, simply press the food pusher down

### Extra wide feeding chute

Diameter : 3" (79.5mm)  
 Can juice a whole apple, tomato, cucumber or several big carrots at once in a few seconds  
 No need to cut fruits or vegetables into small pieces before juicing  
 Amazing high output - up to 25 gallons (100 liters) of apple juice per hour (2/5<sup>th</sup> gallon / 1.5 liters per minute)  
 Citrus fruits (oranges, grapefruits, lemons, limes...) and all fruits and vegetables with hard skins (melons, mangoes, kiwis...) must be peeled before placing in the juicer  
 All fruits with pits, seeds or stones (peaches, apricots, plums, tropical fruits...) must be pitted before juicing

### Stainless steel bowl and spout

High output spout  
 Height of the spout : 8" (200 mm)  
 Allows for use of high glasses or containers

### Basket driving system

Patented Auto Locking System (ALS)  
 Filter-basket will latch into position immediately when placed on top  
 No need to screw or unscrew

### Locking / unlocking system

Easily movable plastic handle  
 With this original safety design, juicer will not operate unless handle is properly locked on the cover  
 Instant braking of the filter-basket permits safe opening

### Aluminum base

Black painted or chromed  
 Includes the original instant friction braking system

### Protective rubber base

### Non-skid rubber feet

### Polycarbonate cover

Cover is well fitted to the bowl by the locking system (handle and arms)  
 Extra wide feeding chute  
 The shape of the cover has been precision designed for perfect continuous pulp ejection into the plastic container  
 Easy to clean : smooth surfaces and no food retention zones (NSF approved)

### Stainless steel blade (grating disc)

Cuts and processes food  
 A special small central knife cuts food which may be introduced to the center of the blade into very fine particles for better centrifugation (efficiency)

### Stainless steel filter-basket

Made of micro mesh, (0.02" / 0.5mm holes)  
 Separates at high speed the pure juice from the pulp  
 Removable polycarbonate base  
 Filter-basket must be handled with care and cleaned carefully with a nylon brush

### Polyethylene pulp container

The shape is adapted to fit to the back of the juicer  
 Capacity is 2 gallons (7.5 liters)  
 A plastic grocery bag can be put inside to minimize cleaning

### Rubber bowl sustainer (seal)

Easy to clean  
 Reduces vibrations

### Motor block

Stainless steel frame  
 Asynchronous motor  
 Powerful (800 W) but very silent

### On / off switch





## Using the Santos Juicer

### If you serve fresh juice, you need this machine !

- Juice bars, health food stores, hotels, bars, restaurants, cafeterias, ice cream stores, institutions (hospitals), and even..... at home
- You will like the compact size and attractive design of this juicer, its powerful yet quiet motor, and its quality construction (stainless steel, aluminium, heavy-duty plastic, rubber)

### You will appreciate the original features of the Santos Juicer

- Juicer can perform continuous production or glass by glass production



#### Extra wide feeding chute

- Diameter : 3" (79.5mm)  
Can juice a whole apple, tomato, peeled orange or several big carrots at once in a few seconds

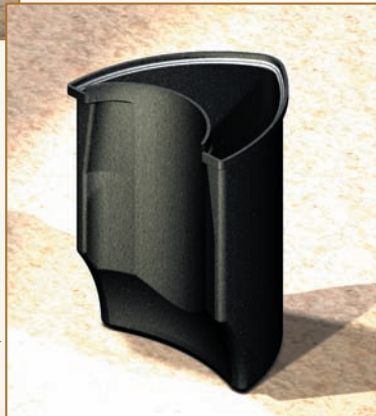


#### Stainless steel filter-basket

- Easy to remove and to put in position without any tool (ALS : Auto Locking System)

#### Continuous pulp ejection

- Ejects pulp into a large polyethylene container



#### Original locking system

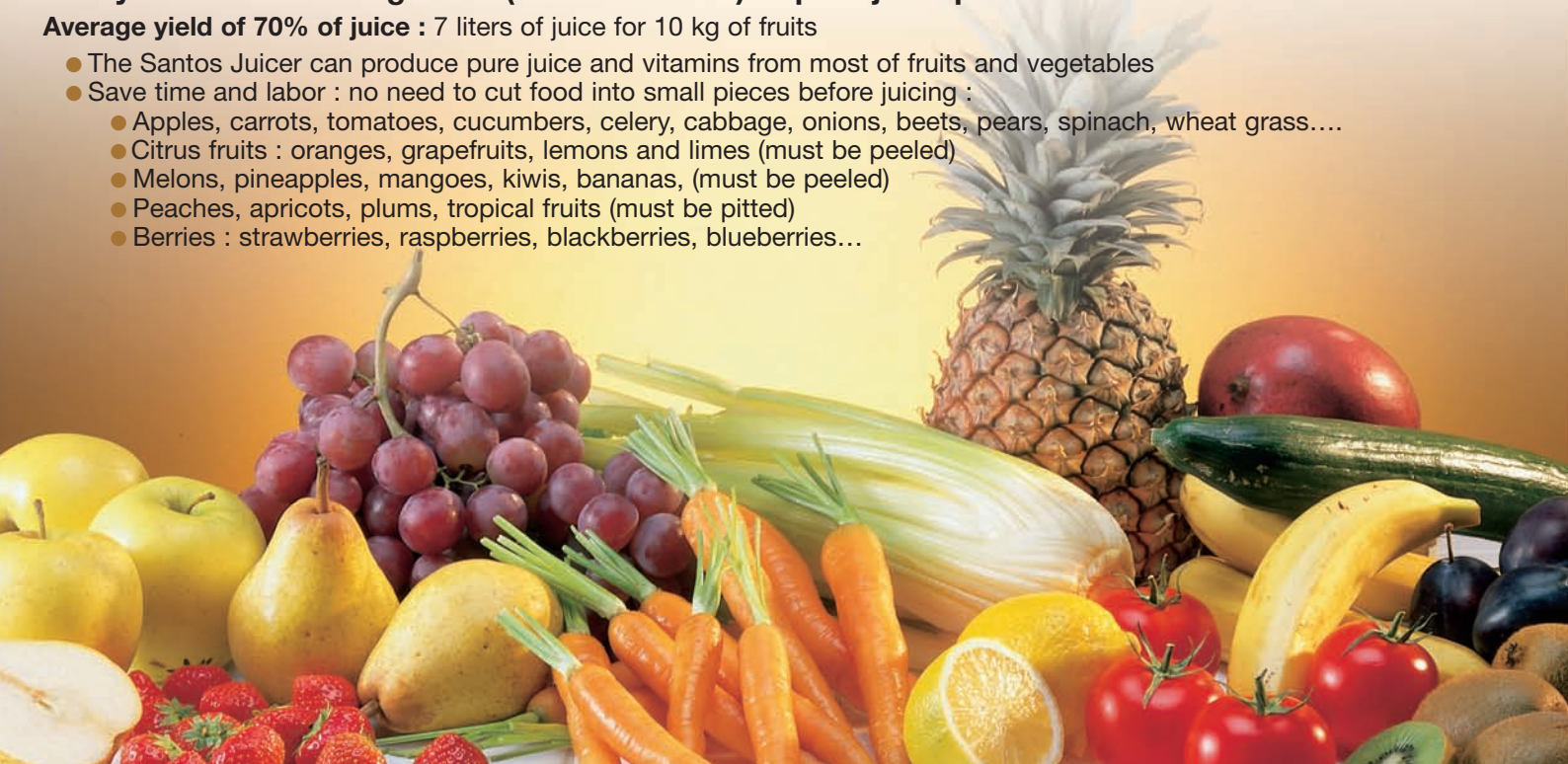
- Unique locking arms and instant breaking system when opening



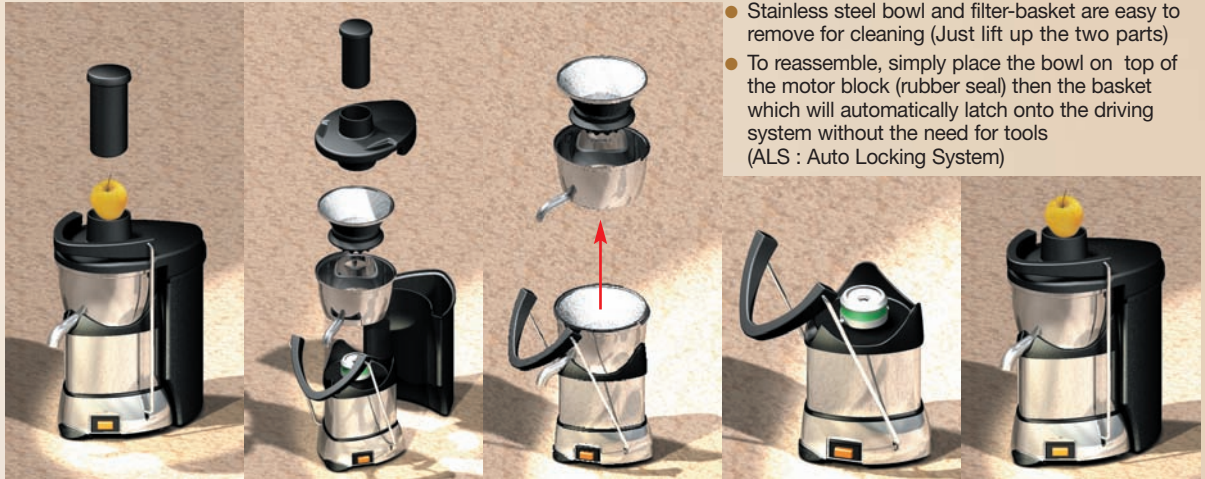
### Easily extract 10 to 25 gallons (40 to 100 liters) of pure juice per hour

Average yield of 70% of juice : 7 liters of juice for 10 kg of fruits

- The Santos Juicer can produce pure juice and vitamins from most of fruits and vegetables
- Save time and labor : no need to cut food into small pieces before juicing :
  - Apples, carrots, tomatoes, cucumbers, celery, cabbage, onions, beets, pears, spinach, wheat grass....
  - Citrus fruits : oranges, grapefruits, lemons and limes (must be peeled)
  - Melons, pineapples, mangoes, kiwis, bananas, (must be peeled)
  - Peaches, apricots, plums, tropical fruits (must be pitted)
  - Berries : strawberries, raspberries, blackberries, blueberries...



## Assembly / disassembly

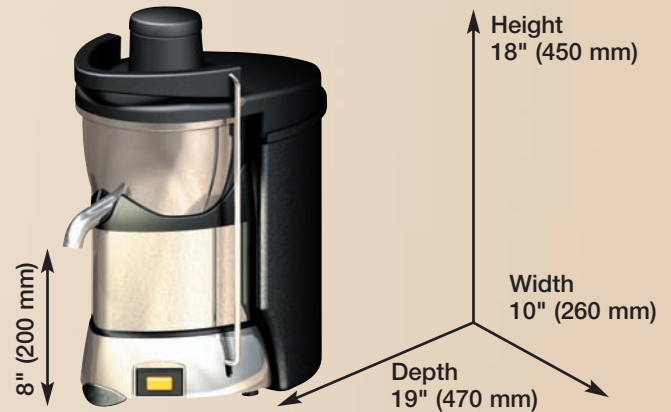


- Stainless steel bowl and filter-basket are easy to remove for cleaning (Just lift up the two parts)
- To reassemble, simply place the bowl on top of the motor block (rubber seal) then the basket which will automatically latch onto the driving system without the need for tools (ALS : Auto Locking System)

	Juicer in use	Juicer disassembled View of all removable parts	Juicer open Without cover Stainless steel bowl and basket are easy to remove	Juicer open Without bowl and basket	Juicer ready to use
Locking system Plastic handle 2 S/S arms	Locked In position Vertical	Unlocked Bent down Bent down	Unlocked Bent down Bent down	Unlocked Bent down Bent down	Locked In position Vertical
<b>SAFETY</b> Power switch Motor Friction brake	On On Off	Off Off On	Off Off On	Off Off On	On / Off On/ Off Off

## Technical specifications

<b>Motor</b>		
<b>Single phase</b>	100-120V - 50/60 Hz- 800 W 220-240V - 50/60 Hz- 600 W	
<b>Speed</b>	3300 RPM (60 Hz) 3000 RPM (50 Hz)	
<b>Weight</b>	<b>Net weight</b>	35 lbs (16 Kg)
	<b>Packed</b>	38 lbs (17 Kg)
<b>Dimensions</b>	<b>Juicer</b>	<b>Packed (box)</b>
Height	18" (450 mm)	20" (500 mm)
width	10" (260 mm)	12" (300 mm)
Depth	19" (470 mm)	21" (510 mm)
Height of the spout	8" (200 mm)	
Shipping cube	2.9 cubic feet (0.08m <sup>3</sup> )	



## Safety - Standards - Hygiene

This Juicer has been designed to comply with the most stringent international safety and hygiene regulations in conformity with the standards, especially :

- Machinery directive 98/37/EC
- Electromagnetic compatibility 89/336/EEC
- Electrical equipment designed for use within certain voltage limits "low voltage" 73/23/ECC
- Harmonized European standards EN 292-1 et 2--- EN 60204-1 : 1998

### Mechanical safety

- A friction brake immediately stops the basket when opening

### Electrical safety

- On / Off interlock switch detects overloading and no voltage
- All mechanical parts are ground connected
- All equipment is perfectly controlled after assembly (special electrical testing bay)

- CE European standards

- GS (Germany) controlled by LNE laboratory
- UL (USA) and cUL (Canada)
- NSF (USA)

### Thermal safety

- Motor protected by internal thermal detector.
- Motor is thermal disconnected from the body of the juicer to protect user against heat

### Acoustic safety

The asynchronous motor with direct driving is particularly silent

### Hygiene

All removable parts (with the exception of the base) can be put in a dishwasher or easily cleaned with hot soapy water

