

Product Name : COMMERCIAL JUICER-60K CRUSHER CERTIFIED  
Model No : ANGELCM-060KCA



## User's guide of Angel Commercial Juicer

- Please read the instructions carefully to use the product properly and protect against any risk.
- Please keep the user's guide where it is easily accessible.

Angel Juicer Synonymous with  
A Health Guardian  
We will be your reliable  
partner for success.



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Caution may be classified into 'danger', 'warning', 'caution'.

## Precautions of Safety



Danger



Warning



Caution



Do not plug the power cord or operate the switch with wet hands.  
It may cause fire or electric shock.



Avoid contact with the inner part of control box or motor.  
It may cause electric shock or damage to the product.



Do not put the main body (motor, control box) in water or any other liquid.  
Be careful not to let liquid or other foreign materials into the switch.



Make certain that the power cord is plugged into the outlet correctly.  
It may cause electric shock or damage to the product.



**NOT FOR USE BY CHILDREN!** Keep out of the reach of children.  
It may cause injury or damage should children touch inadvertently or tip over.



Do not let the juicer idle for over 5 seconds.  
It may cause damage to the product(Twin gear).



Do not use the product should power cord or cable be damaged or outlet get loose.  
It may cause fire, electric shock, injury.



Do not use with the unauthorized modification or disassembly.  
It may cause fire, electric shock, damage.



Do not put fingers into feeding chute.  
It may cause injury or accident.



Do not let any foreign materials, e.g. metal and stone, into feeding chute.  
It may cause a fatal error or damage to the product.



Take caution not to let necktie, long necklace and scarf get into the running machine.  
It may cause injury, accident or damage to the product.



Caution may be classified into 'danger', 'warning', 'caution'.



## Precautions of Safety



Danger



Warning



Caution



When putting ingredients into feeding chute, do not use any objects(chopstick, spoon, hard object, etc.) other than wooden stick.

It may cause injury or damage.



Place the product on secured, flat surface.

It may cause injury or accident, damage.



Do not apply too much force or heat to the product.

It may cause electric shock, destruction, fire.



Stop operation immediately should the unit produce unusual sound, overheating, smoke and contact customer service you purchased from.

It may cause electric shock, destruction, fire.



Never move the main body or disassemble or mount the parts while the juicer is in operation.

It may cause injury or failure. Make sure the product is stopped and power cord is unplugged in the first place.



Unplug from outlet when not in use.

It may cause injury, electric shock or fire.



Do not implement any misbehavior by bending forcibly, tying or placing power cord near hot materials.

The destruction of power cord may cause fire, electric shock.



Avoid direct sunlight and high humidity while storing the product.

It may cause injury or damage.



Switch to OFF position after each use and be sure the motor stops completely before disassembling and assembling.

It may cause injury.



Be sure to install the grounding cable.

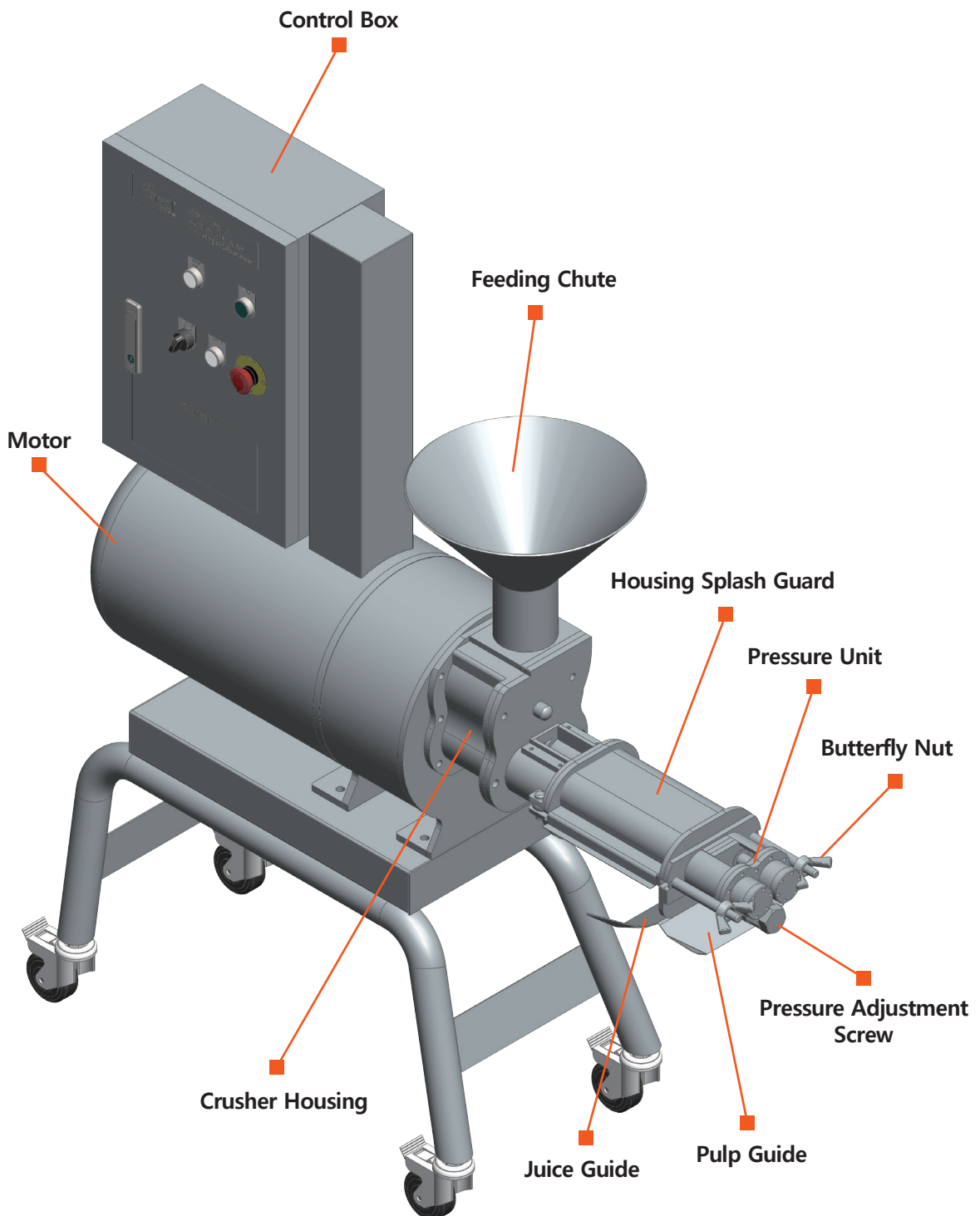
It will prevent electrical shock by inducing the current into ground in case of short circuit.



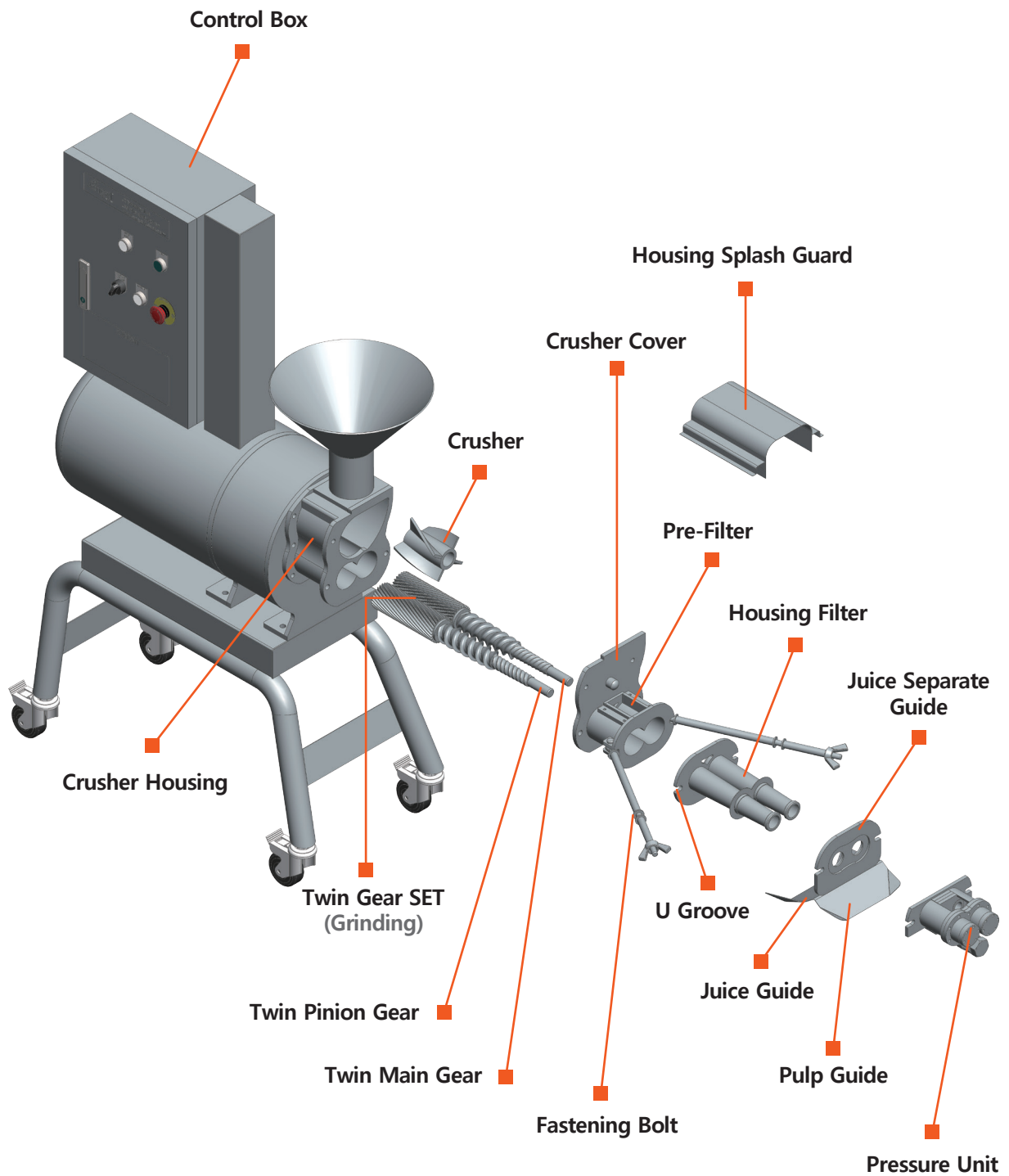
Do not heat or boil any parts.

It may cause injury or damage.

## Name of Parts



## Feature(Disassembly)



## How to assemble

Please read instructions thoroughly before assembling the product.

※ Be sure to turn control switch to STOP position before assembling the product.

- 1 Put crusher into the hole correctly.
- 2 Assemble crusher cover by tightening bolt.
- 3 Slide the twin main gear slowly into the right hole and push the gear fully for assembling until it reaches spline gear groove by turning the twin main gear to the left and right.
- 4 Assemble twin pinion gear into the left housing hole.
- 5 Check up/down position of housing(the first hole facing upward) for assembling.
- 6 Assemble juice separate guide into housing filter ring correctly.
- 7 Assemble pressure unit.  
Tip) Should pressure adjustment screw be tightened too much, take caution as it may not be assembled with juice separate guide.
- 8 Insert fastening bolt into U groove correctly and tighten butterfly nut.  
Tip) Then hold and lift up pressure unit and tighten butterfly nut.
- 9 Assemble housing splash guard.

## How to use

Please read instructions thoroughly before using the product.

- 1 Prepare ingredients for juice extraction by cleaning and cutting them in advance.
- 2 Plug in the power cord and check if grounding cable is connected properly.
- 3 Turn a breaker operating handle to ON position.
- 4 Turn a control switch to ON position.
- 5 Press START button and operate the product to put ingredients immediately.  
※ Caution) Do not idling-run for over 5 seconds.
- 6 Slice the ingredients of bulbous plants at proper size to put into feeding chute and push with wooden stick.  
※ Caution) Make certain to use wooden stick supplied by our company and do not use metal bar, spoon, chopstick, knife, etc.

Tip) Stem or leaf vegetable will get into twin gear once it is put in. Should the quantity of ingredient put in be excessive than that of ejection, the machine stops automatically. Then, START the machine after activating REVERSE for a short while.

Tip) Should housing filter hole be clogged at the time of continuous juice extraction, capability of juice extraction is reduced and it causes damage to the product, so replace it with a spare part for operating again.

Tip) Finish putting in ingredient and STOP after doing idling-run for 1 to 2 minutes.

## How to disassemble

Please read instructions thoroughly before disassembling the product.

- 1 After finishing juice extraction, do the idling-run for 1 to 2 minutes and press STOP button then switch OFF control switch for safety.
- 2 Take out housing splash guard.
- 3 Unscrew butterfly nut at each side of pressure unit and turn fastening bolt back to the both side.
- 4 Take out pressure unit by pulling forward.
- 5 Take out juice separate guide by pulling forward.
- 6 Take out housing filter by pulling forward.  

Tip ) Should housing filter is not pulled out, rotate twin gear for 2 to 3 seconds and housing filter will be pushed out by turning ON control switch and pressing START. Then press STOP button immediately and turn OFF control switch for safety and take out housing filter completely.
- 7 Take out twin gear by pulling forward one by one.  

※ Caution) Twin gear may be heavy and take caution to avoid falling down when taking it out.
- 8 Take out crusher cover by loosening bolts.
- 9 Take out crusher by pulling forward.



## Cleaning

Please read instructions thoroughly before cleaning the product.

※ Be sure to clean it every time you use Angel Juicer.

- 1 Spray water with hose into feeding chute and housing filter and clean with brush.
- 2 Clean inside and outside of crusher housing using brush and cleaning knife. You can separate crusher housing from the machine and wash it if needed.
- 3 Lay twin gear on wooden or plastic plate to clean with brush.  
Tip ) Should it be laid down on rugged surface, the gear get damaged and may cause trouble in extracting juice.
- 4 Spray water into housing filter with high-pressure sprayer or clean in running water with brush after cleaning pulp in the housing filter with knife.  
※ Caution) Clean thoroughly housing filter hole and check if there is any clog by looking it through light. Should housing filter hole be clogged excessively, capability of juice extraction is reduced and it causes destruction of housing filter.
- 5 Spray water and clean the pressure unit.  
※ Caution) Do not put into water or boil for long. It may cause damage to bearing of rotational shaft.
- 6 Dry each part completely not to get water spot after cleaning.

※ Do not let water contact with motor and control box area for cleaning.  
Wipe it out by using a soft cloth.

## ● Please check before requesting for repair service

Please check before requesting for repair service.

Contact customer service you purchased from for A/S and other inquiries.

Please check model number, serial number and other necessary informations for requesting service or spare parts.

### **Q** Machine does not operate.

- A**
- Check if the power cord has been plugged in correctly.
  - Check if the product has been assembled in sequence of assembling method.  
(Refer to p.7)

### **Q** Machine stops while it is under normal operation.

- A**
- Check if there are too many ingredients put in at once.
  - Put in ingredients slowly.
  - Try the reverse button for a while then try operating again by pressing START.  
(Refer to p.8)

### **Q** Extracting housing is damaged.

- A**
- Extracting housing has to be washed right after using.
  - Clogged extracting housing blocks water of ingredients to come out and causes excessive pressure, which leads to damage of extracting housing.
  - Extracting housing is one of wearing parts which you have to re-purchase and it cannot be exchanged or repaired when damaged due to careless washing or clogged extracting housing.

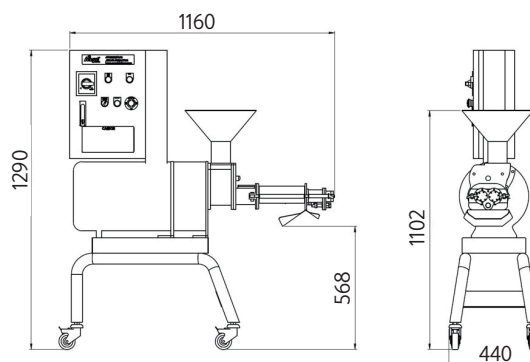
※ Contact customer service you purchased from if the methods above don't solve problems.



## Specifications



Angel Commercial Juicer is suitable for businesses, e.g. hotel kitchen, college food laboratory, fruit juice store, healthy juice store.



Model	ANGELCM-060KCA	
Type	Crusher/Twin gear multi-layer extraction	
Product size	W1160 x D440 x H1290(mm)	
Weight	135 kg	
Length of twin gear	173 mm	
Length of screw	246 mm	
Feeding chute size	upper : 252mm / lower : 70mm	
Main material	Stainless steel 304 (18-8)	
Motor	Single phase 750W	
Rated Voltage	220~230V 50Hz	220~230V 60Hz
Motor capacity	1 HP	1 HP
Motor RPM	1450	1740
Reduction gear Ratio	1/20	1/20
Twin gear RPM	72	85
Operating method	Button type	
Juice extraction	60Kg put in once/hr(on the basis of carrot)	
Juice extraction rate	fruit : about 80~90% vegetable : 70~80% in accordance with ingredient type and season (water content)	

※ Please refer to the description attached on the product itself since the specification above could vary depending on models.

“Designed for the best Hygiene and Durability  
thanks to the Know-How accumulated for  
the last 30 years”

[ALL 304 18-8 stainless]



## Features of Angel Juicer for business use

### Extraction Rate

85% Grinding and extraction Rate, minimize nutrition loss, cost saving.

### Durable

Highly hardened stainless gears, durable filters and sturdy stainless steel exterior design

### Convenient

Super easy to clean and maintain

### Economical efficiency


Minimized loss of fruit and vegetable, special motor use, energy saving and its durability.

### Hygienic

Super easy to disassemble and clean for using stainless Twin Gear squeezing filters.

## The angel commercial juicer extraction rate

※ Experiment done with Mini (Hotel Use) 20K and corresponding model from other company based on 10 hours of work.

	Method	Input Rate	Extraction Rate	Total Number of Packets	Revenue (1USD/Package)
	Extract▶Pack	20Kg of grapes per hour	91~93%	178ea	\$178
Other Juicers	Chop and Grind with Mixer ▶Put in bags ▶Squeeze with Centrifugal or ▶Pack	20Kg of grapes per hour	50~57%	104ea	\$104

You can make more profit with the angel juicer in comparison with other juicers under same condition.

$$\$178 - \$104 = \$74$$



The money you can save in a day(10hours)(\$74 X 10hours)

1 Day : \$740

**MONTH : \$22,200**

<https://angeljuicer.store>