### Product Brochure





# ZHENGZHOU FURUI MACHINERY CO., LTD

Add: Industrial Zone, Zhou Village, MUYE District, Henan Province

Web: https://furuimachinery.com/ Mobile/WhatsApp: +86 193 3712 3736



DEWATERING/JUICING/BEATING
SOLID-LIQUID SEPARATING
VIBRATING SCREEN/FILTER

# INTRIDUCTION

Zhengzhou Furui Machinery Co., Ltd. it is located in the North Industrial Zone of Zhengzhou. The factory covers an area of 40,000 square meters. It is a professional research and development, manufacturing and sales: press machine, dehydrator machine, juicer, solid-liquid separator, filter, crusher machine manufacturer. Focus on the research of fruit and vegetable juice production line technology, the dehydration and harmless treatment technology of fruit and vegetable waste, the dehydration, fermentation and decomposition technology of kitchen waste, the environmental dehydration and recovery of waste residue and the solid-liquid separation technology.

The company has been engaged in this field for 20 years, has accumulated rich manufacturing experience, strong technical force, has a professional design team, production team, and after-sales installation team, has a safe and modern processing machine tools and testing equipment. The company with excellent quality and perfect pre - sales and after-sales service, has won strong support and praise from domestic and foreign corporate customers.

Zhengzhou Furui Machinery Co.,Ltd. has passed the ISO9001 quality certification system and CE EU certification. Not only occupy the domestic market, but also exported to Southeast Asia, Europe, Africa, America and other countries.

We adhere to the principle of quality first, reputation first; customer first, service first business tenet, actively promote the development direction of product serialization, specialization and diversification, continuously improve the comprehensive competitiveness of the company, and provide customers at home and abroad The highest quality technical support and technical services.













# FURUI MECHANICAL

实用新型专利证书

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PATENTED TECHNOLOGY IN

QUALITY ASSURANCE

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# Double screw dewatering machine

#### Product introduction

The double screw dewatering machine can be moved by wheels, double screw structure, continuous and slow extruder. It has the characteristics of low speed and high pressure. The speed is 12RPM after double deceleration of reducer and gearbox. The material contact parts are made of high quality acid and alkali resistant stainless steel. The front and rear sections of the screw are extruded in the positive and negative directions to form a "twisted towel" work effect. Through the mesh to increased to press to achieve the solid-liquid separation effect. The humidity of residue discharge can be controlled and adjusted according to the requirements.

### Application

- 1. Suitable for juice extraction of various vegetables and fruits containing fiber.
- 2. It is suitable for dewatering treatment and reduction treatment of all kinds of fruit and vegetable garbage and market garbage.
- 3. It is suitable for dewatering, deoiling and harmless treatment of all kinds of domestic garbage, kitchen garbage and food waste.
- 4. It is suitable for extrusion dewatering of various wastes, such as wine dregs and grass dregs.

Mod	del	TZ-0. 5	TZ-1. 5	TZ-3	TZ-5	TZ-10	TZ-15
Input c	apacity	0. 2-0. 5t/h	1-1.5t/h	2-3t/h	3-5t/h	8-10t/h	12-15t/h
	Diameter	180mm	260mm	350mm	420mm	500mm	600mm
Sending	Screw pitch	100mm	150mm	200mm	210mm	280mm	280mm
	Speed	5-15r/min	5-15r/min	5-15r/min	5-15r/min	5-15r/min	5-15r/min
Press	Diameter	180mm	260mm	350mm	420mm	500mm	600mm
screw	Speed	5-15r/min	5-15r/min	5-15r/min	5-15r/min	5-15r/min	5-15r/min
Hydraulic	Pressure			C	≤6Mpa	≤6Mpa	≤6Mpa
pump	Power	Spring control	Spring control	Spring control	1. 1kw	1. 1kw	1. 1kw
Motor	power	3KW	5. 5KW	7. 5KW	11KW	18. 5KW	22KW
Diameter	of mesh	190mm	270mm	360mm	430mm	510mm	610mm
Size	(mm)	1800*550*920	2200*800*1200	3100*900*1300	3580*1000*1470	4200*1100*1650	4700*1100*1650
Wei	ght	450KG	900KG	1300KG	2600KG	3050KG	4300KG





# Single screw dewatering machine

### Product introduction

The single screw type dewatering machine is single screw structure, continuous slow extruder, the speed is 12RPM. High quality acid and alkali resistant stainless steel material is used for raw material contact part.

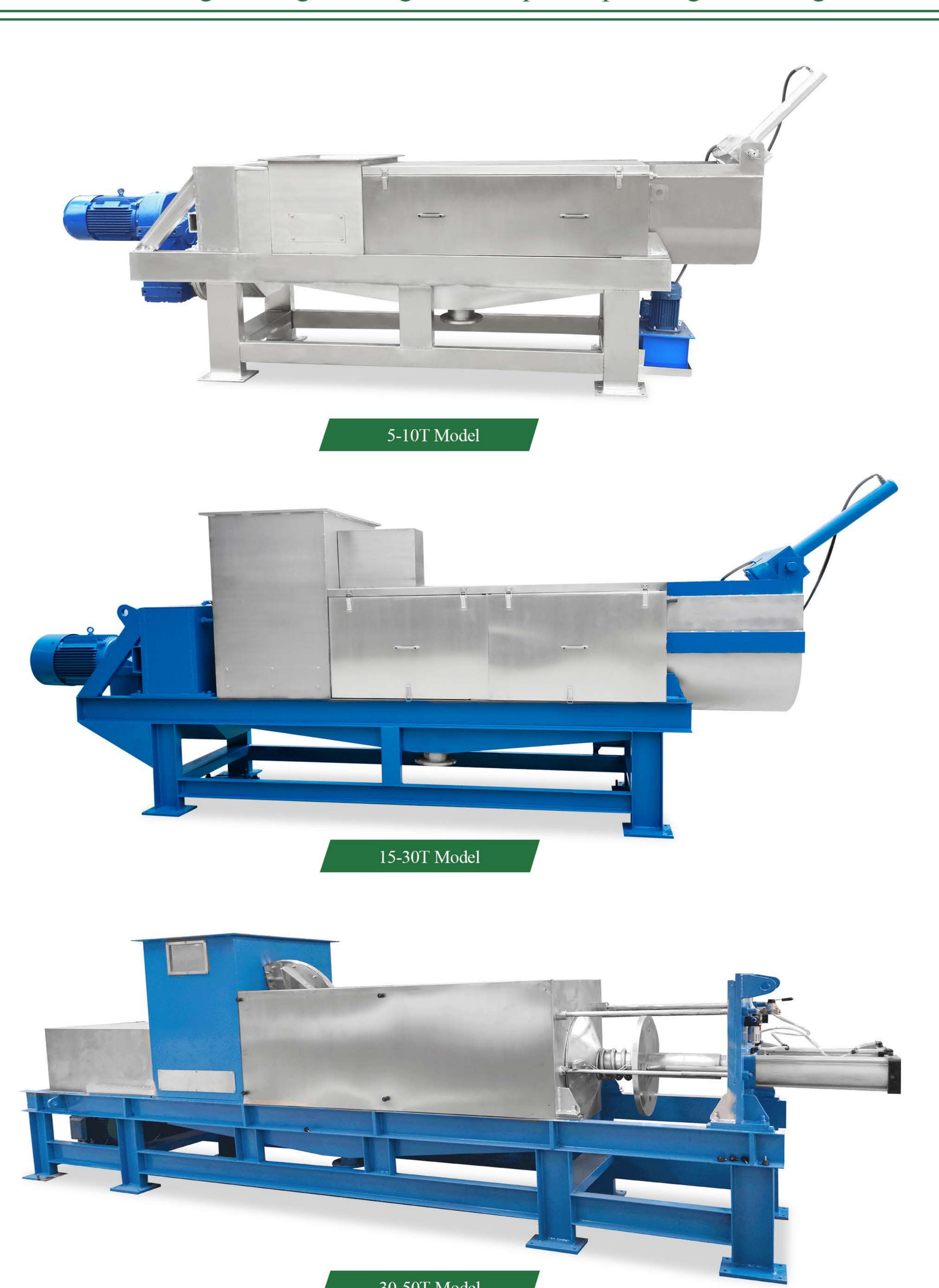
The machine realizes the separation of juice and solid by pressurized feeding, screw extrusion, screen barrel extrusion and hydraulic blocking device at the material outlet.

The pressure of the hydraulic system is provided by the gear type oil pump, The size of the outlet is controlled by the piston rod. The humidity of the residue can be controlled and adjusted according to the requirements.

### Application

- 1. The single screw structure has the advantages of slow speed, high output, high pressure and high dewatering efficiency.
- 2. It is suitable for juice extraction of various vegetables and fruits containing fiber.
- 3. It is suitable for dewatering and reduction volume of fruit and vegetable waste, market garbage and domestic garbage.
- 4. It is suitable for extrusion dehydration of various wastes, waste residue and chemical raw materials.

Model	DY-5	DY-10	DY-15	DY-20	DY-30	DY-50
Input capacity	3-5t/h	8-10t/h	12-15t/h	17-20t/h	25-30t/h	40-50t/h
Power	15kw	18. 5kw	22kw	30kw	45kw	55kw
Diameter of screw	420mm	500mm	600mm	630mm	700mm	870mm
Diameter of mesh	430mm	520mm	620mm	650mm	720mm	900
Speed	5-12r/min	5-12r/min	5-12r/min	5-12r/min	5-12r/min	5-12r/min
Hydraulic power	1. 5kw	1. 5kw	1. 5kw	1. 5kw	2. 2kw	4kw
Size (mm)	4550*960*1500	5050*1100*1550	5600*1200*1650	5800*1300*1750	6500*1450*1950	7200*1530*2450
Weight	2700kg	3500kg	4300kg	5300kg	6500kg	9500kg





### Crushing dewatering machine

### Product introduction

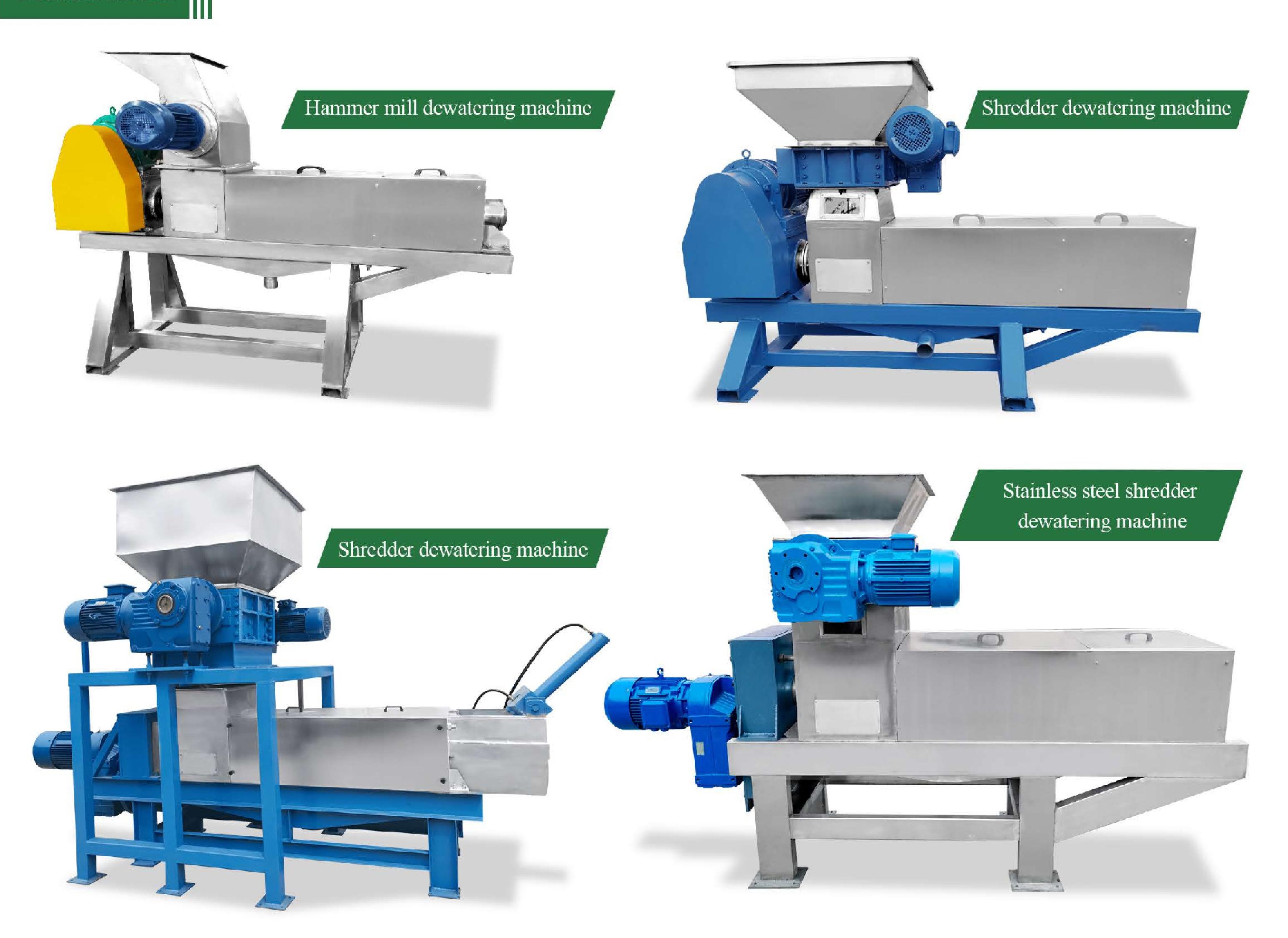
The crushing dewatering machine is designed on the common dewatering machine, to add extra crushing device. After crushing, Raw material can enter the screw press for squeezing and dewatering directly, automatically finish the functions of crushing, squeezing, dewatering and slagging.

dewatering machine with hammer mill is suitable for all kinds of fruits and vegetables, such as apples, pears, potatoes, and radishes.

dewatering machine with double shaft shredder is suitable for various leaf vegetables and complex raw material, such as fruit and vegetables garbage, kitchen food waste and household garbage.

According to customers' different raw materials, we can recommend different configurations on dewatering machine to help customers solve problems. Crushing dewatering machine is an effective machine to increase dewatering rates and volume reduction.

#### Product mobel



# Fully enclosed dewatering machine

### Product introduction

On the basis of the dewatering machine, full enclosed dewatering added stainless steel environmental protection cover. The machine for picking, crushing, extrusion dewatering process area, to achieve integrated operation and closed management, to ensure that the working environment is clean and hygienic. This not only saves labor, but also plays a role in environmental protection.

It is mainly used for extrusion dehydration and reduction treatment of domestic waste, kitchen waste and waste residue. In the process of work, the environmental pollution caused by waste materials should be isolated, and the contact between workers and wastes should be isolated. It is a safe and pollution-free new equipment.

#### Product mobel



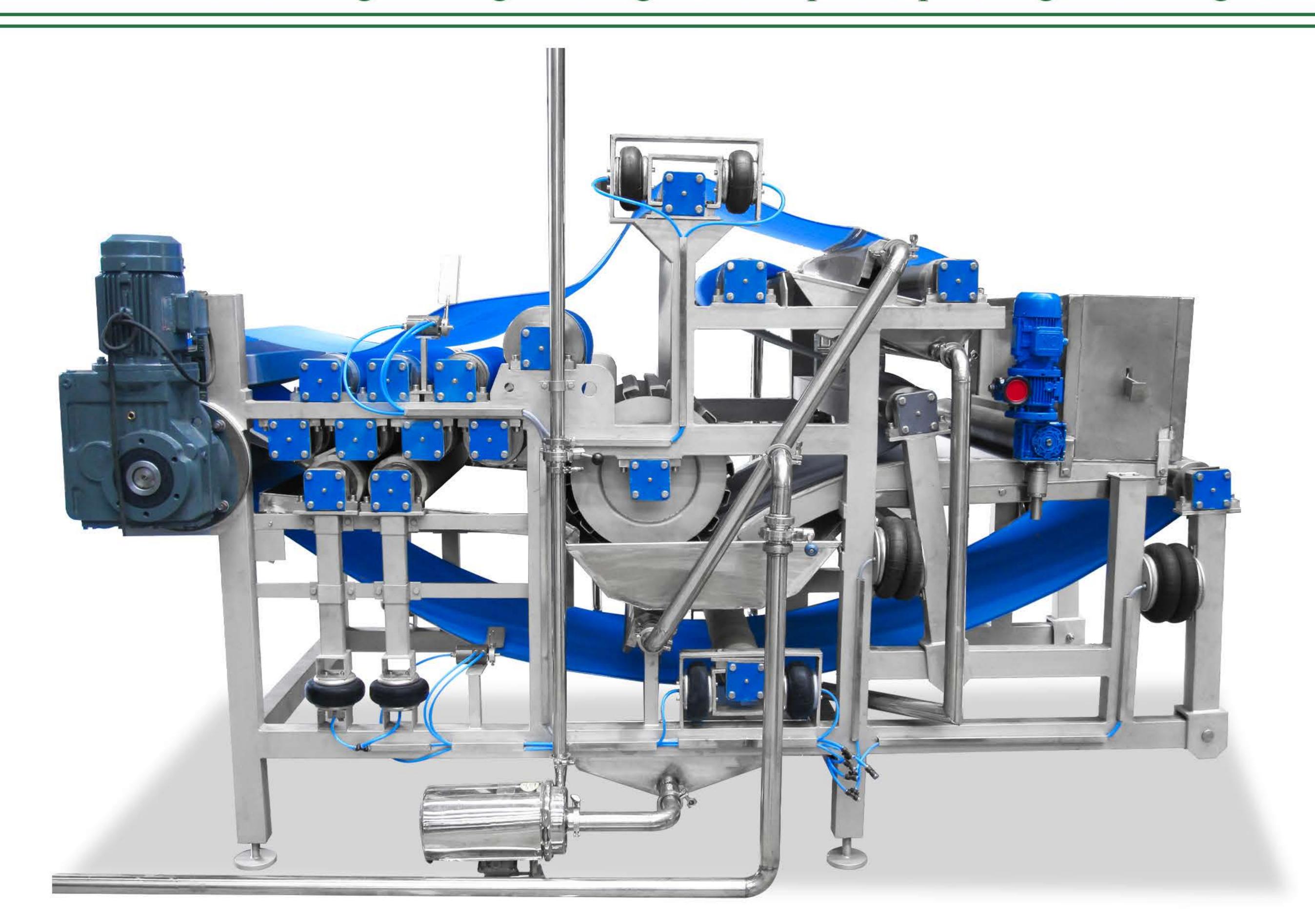


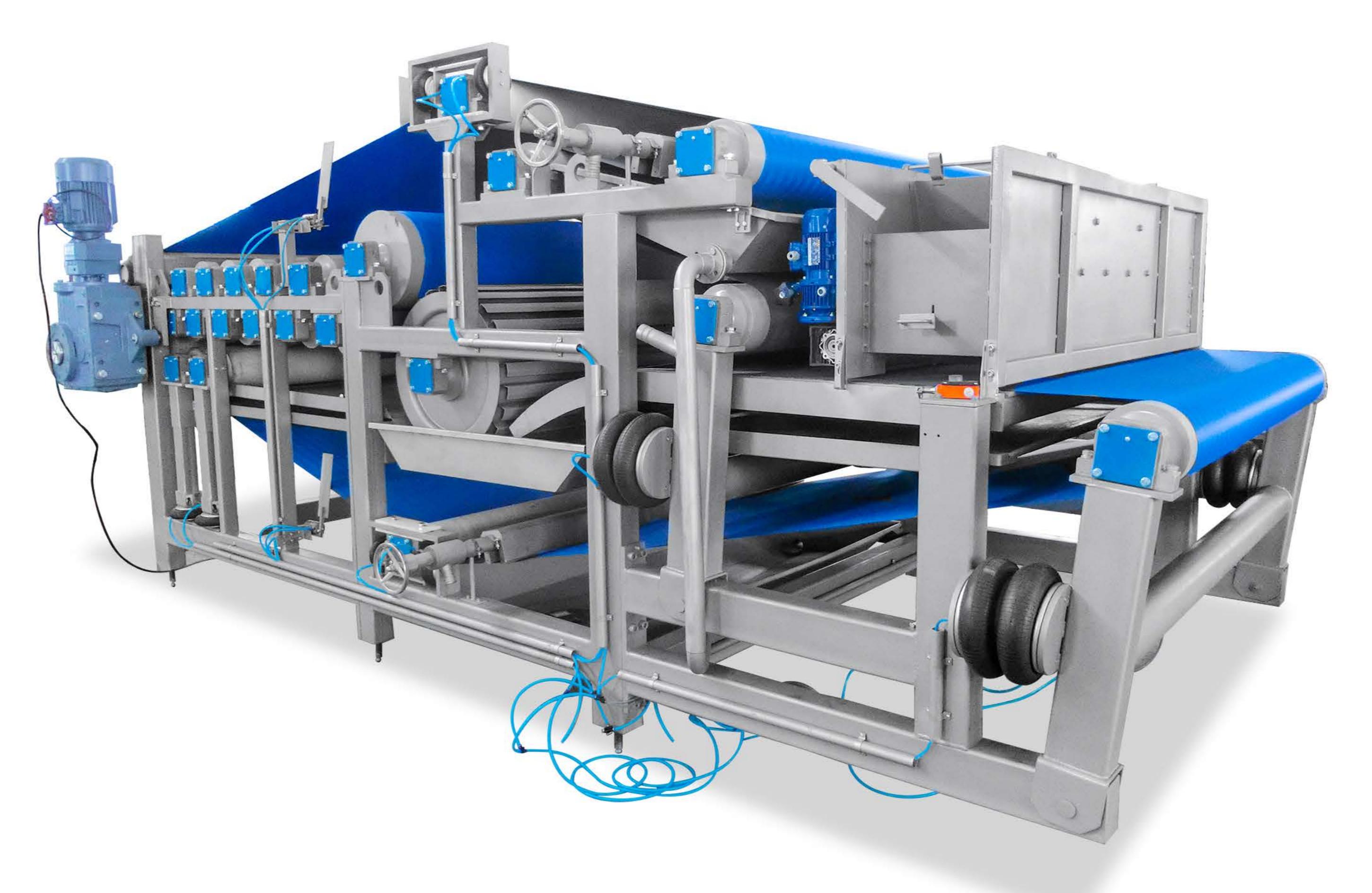
# Belt juice press machine

#### Product introduction

The DYJ series belt squeezer has a wide range of applications. It is an efficient extraction equipment. It is a key equipment related to the juice yield in the production of fruit juice and vegetable juice. It can be widely used in the juice extraction industry of berries, pome and various vegetables. The equipment adopts multi-stage folding roller pressurization and multi-stage pneumatic roller pressurization, which has large pressing force and high juice yield. At the same time, it also has the characteristics of high energy-saving automation, automatic feeding and discharging, continuous work, strong versatility, sufficient filter pressure, low water content in the filter cake, and convenient operation and maintenance. It is a juice extraction equipment with high juice yield. The use of such a juice extraction equipment can increase the juice yield of juice by 20-30%, and the juice yield can be as high as 70-80% (depending on the raw material), which can greatly reduce the production cost and improve the economic efficiency of the enterprise. This equipment can also be used for filter press dehydration of some slag, powder and slurry objects in market of food, chemical, environmental protection, light industry and other industries.

		-		4
Model	DYJ-3	DYJ-5	DYJ-10	DYJ-20
Input capacity	3T/h	5T/h	10 T/h	20 T/h
Transmission speed	0-9r/min	0-9r/min	0-9r/min	0-9r/min
Belt speed		0-0.	1m/s	
Main power	2. 2kW	3 kW	4 kW	5. 5 kW
Flush pump power	4kW	11 kW	15 kW	15×2 kW
Flush pump flow	10m <sup>3</sup> /h	14 m <sup>3</sup> /h	16 m <sup>3</sup> /h	16×2 m <sup>3</sup> /h
Flush pump head	120m	165 m	189 m	189×2 m
Backflow pump power	2. 2 kW	2. 2 kW	2. 2 kW	3 kW
Backflow pump flow	10m <sup>3</sup> /h	14 m <sup>3</sup> /h	16 m <sup>3</sup> /h	32 m <sup>3</sup> /h
Backflow pump head	20m	20 m	20 m	20 m
Cloth roller power	0. 18 kW	0. 18 kW	0. 37 kW	0. 37 kW
Inlet height	1900mm	1900 mm	1920 mm	1920 mm
Dimension (mm)	3090×1620×2000	4000×2000×2500	4850×2680×2570	5310×3470×2570
Belt size (mm)	9100×800	12040×1200	14320×1750	17300×2500







### Double shaft shredder

#### Product introduction

The double-shaft shredder is also called the shearing crusher. Through the squeezing, shearing and tearing between the two sets of blades, the material is shredded and the size of the material is reduced. It is effective for the early crushing and reduction of materials. This machine is composed of a motor, a reducer, a main shaft and a blade. Through the reducer, the high speed of the motor is reduced to the low speed for crushing. It has the characteristics of low speed, high power, low noise and low dust.

The dual-shaft shredder is mainly used for shredding wood, market garbage, household garbage, industrial garbage, kitchen garbage, plastic garbage, organic garbage and other materials.

Our double-shaft shredder is equipped with different cutter structures and different drive systems according to the actual requirements of customers. According to the customer's different material equipment tool thickness and the number of teeth.

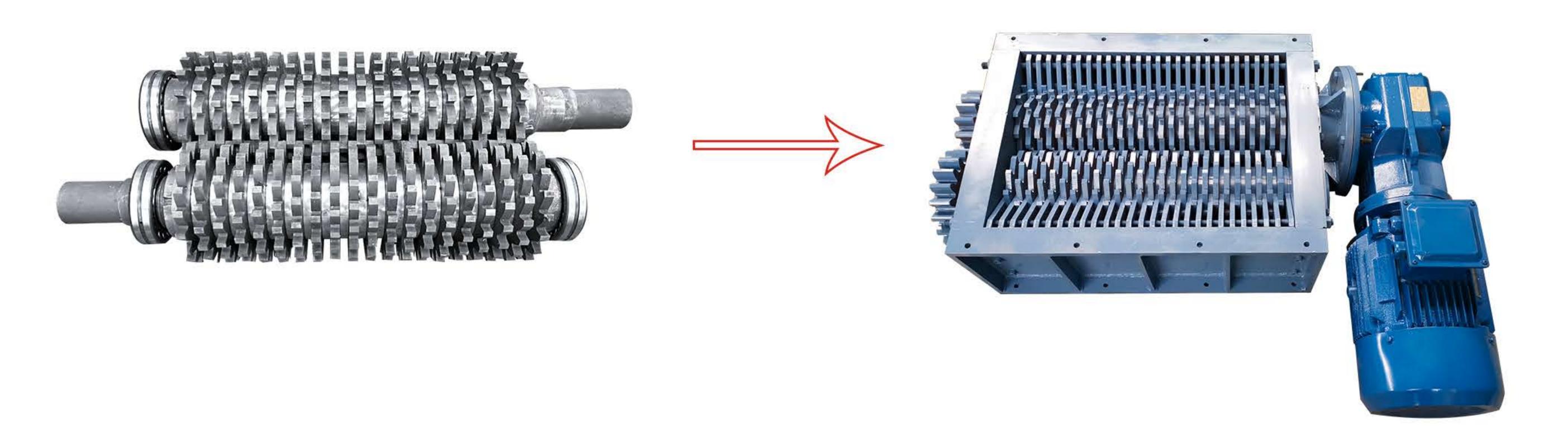
The blade material of this machine is 9CrSi, and other materials are carbon steel.

If you need to use it on food processing, you can customize the contact part to be made of 304 stainless steel, and the blade is made of special stainless steel.

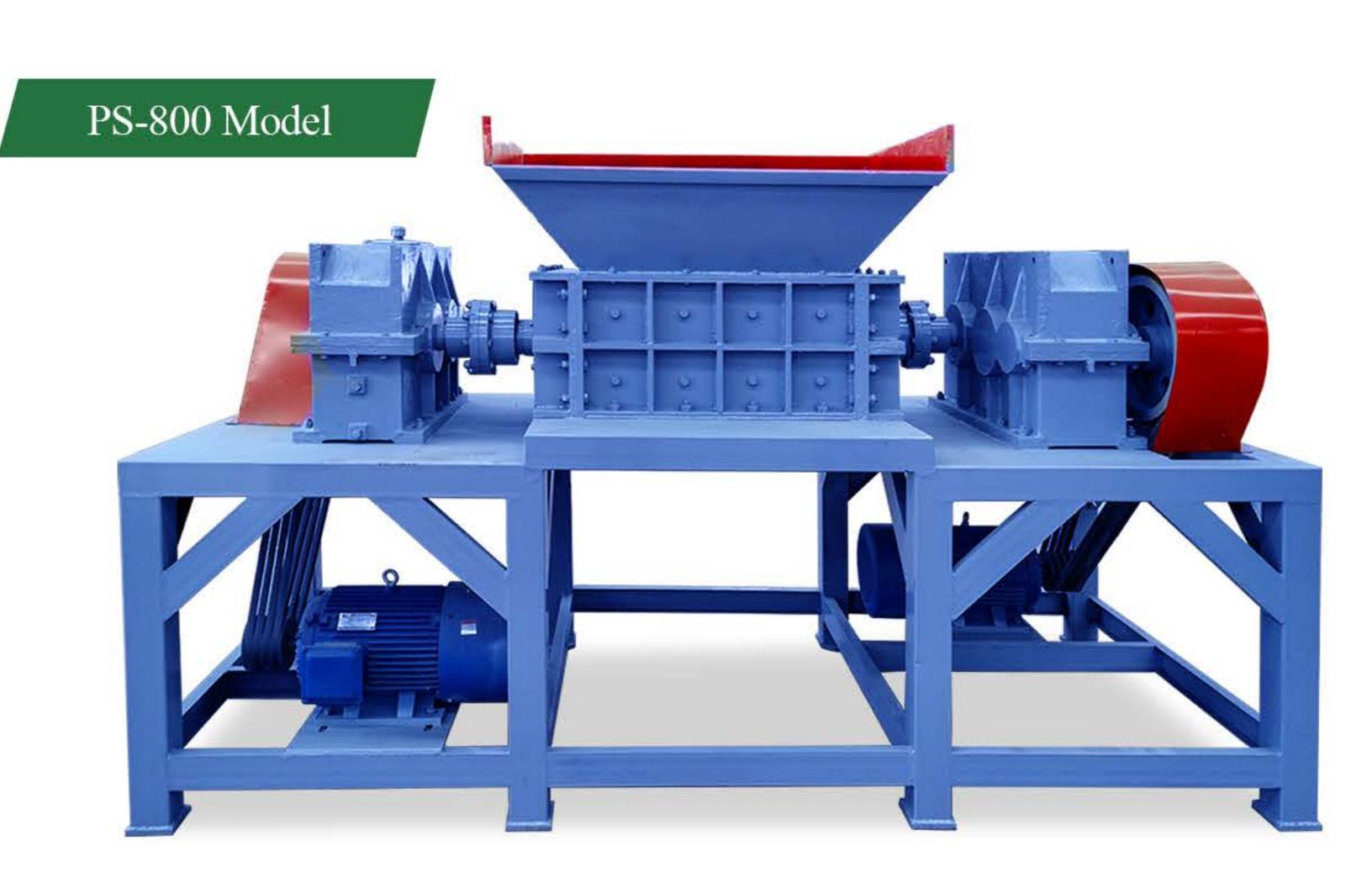
The small size double shaft shredder can be assembled with the press into an integrated shredding and pressing machine to reduce the area occupied.

A conveyor needs to be configured between the large-size twin-shaft shredder and the press to complete the material transfer.

Model	PS-1. 5	PS-3	PS-5	PS-800	PS-1000	PS-1200
Production	1-2t/h	2-4t/h	4-6t/h	6-10t/h	8-12t/h	10-15t/h
Diameter	160mm	160mm	260mm	320mm	350mm	400mm
Power	4kw	5kw	15kw	18. 5kw*2	30kw*2	45*2
Thickness	14mm	14. 5mm	16mm	20mm	25mm	30mm
Blade number	22	27	42	40	40	40
Speed	20-25r/min	20-25r/min	20-25r/min	20-25r/min	20-25r/min	20-25r/min
Crushing chamber size	300*330mm	400*330mm	700*500mm	800*700mm	1000*800mm	1200*900mm
Shape size	1000*470*250	1160*550*450	1360*850*500	3800*1300*1850	4200*1400*1950	4400*1600*2100
Weight	350kg	550kg	1600kg	3500kg	4500kg	5800kg











### Fruit and vegetable Crusher

#### Product specification

PS type and CPJ type stainless steel crushers are both hammer crushers, suitable for crushing fruits and vegetables, such as: apples, pears, tomatoes, kiwi, carrots, papaya, potatoes.

The PS type crusher is used for the crushing of small-yield fruits and vegetables and is a supporting equipment for the juicer. The crushing particle size is 5~8mm.

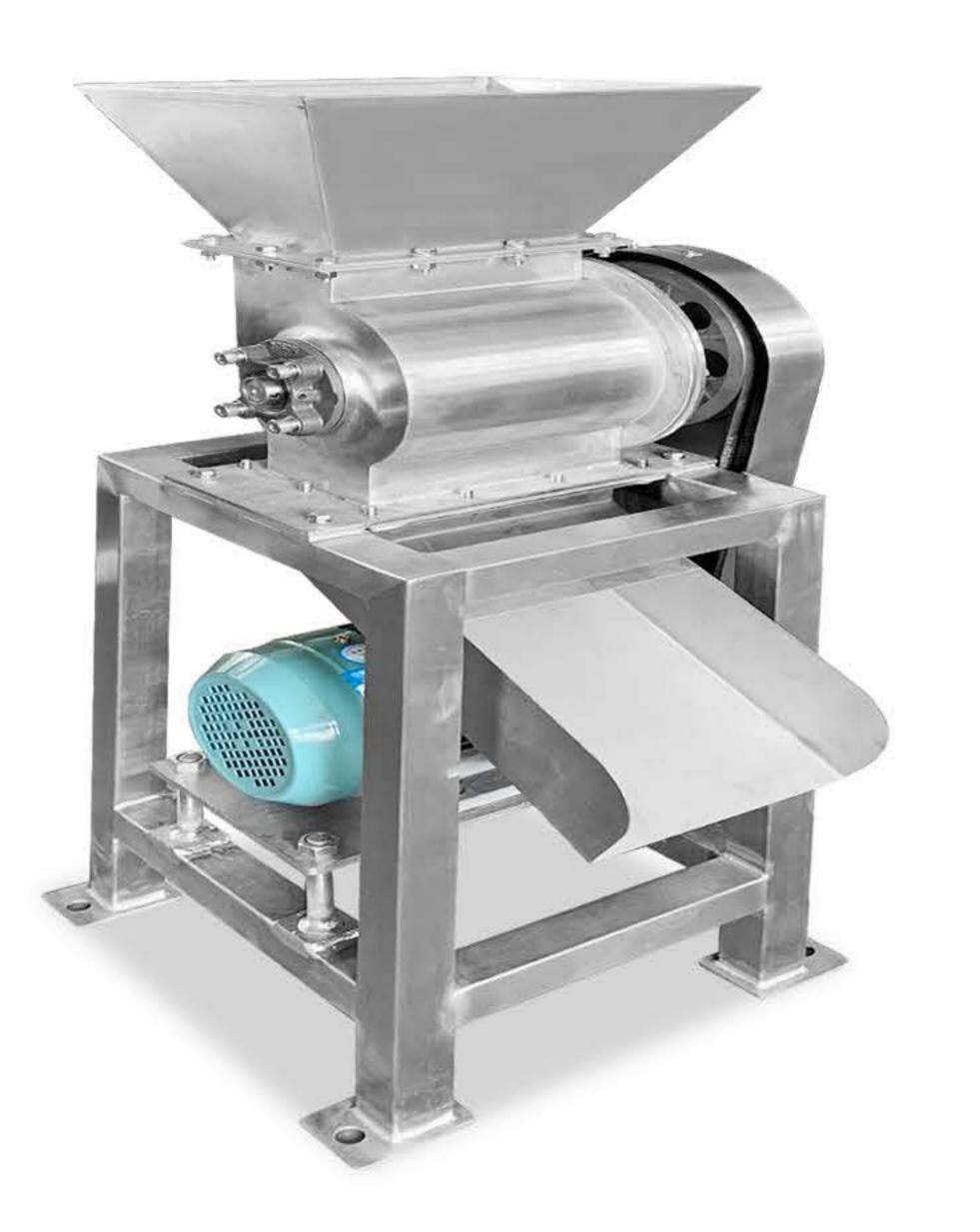
The machine is mainly composed of feeding hopper, crushing parts, bracket, discharging hopper, transmission parts, etc. The parts contacting materials are made of stainless steel. When working, the flying knife rotates around its axis in the fixed bottom knife gap, so that the fruits and vegetables are broken.

The small crusher can be directly installed at the feed port of the juicer to form an integrated crushing and squeezing machine to reduce the area occupied.

The CPJ type crusher is used for the crushing of large-volume fruits and vegetables. The fineness of crushing depends on the aperture of the screen and the number of hammers. It belongs to a large-scale crusher, which has the advantages of novel and compact structure, energy saving and high efficiency, large production capacity and wide application range. It is an indispensable equipment for the crushing of the juicer production line.

The machine is driven by a motor to rotate the rotor at high speed in the crushing cavity. The material is fed into the machine from the upper feeding port, and is crushed by the impact, impact, shearing and grinding action of the high-speed moving hammer. In the lower part of the rotor, there is a sieve plate, and the particles smaller than the sieve hole size in the crushed material are discharged through the sieve plate, and the coarse particles larger than the sieve hole size remain on the sieve plate and continue to be hit and ground by the hammer, and finally pass through the sieve plate Exhaust from the machine. The adjustment of the discharging particle size is achieved by replacing the sieve plates of different specifications. The gap between the rotor and the sieve plate can be adjusted by an adjustment mechanism as required.

Model	PS-1	PS-3	CPJ-5	CPJ-10	CPJ-20
Capacity	0.5-1t/h	2-3t/h	3-5t/h	7-10t/h	15-20t/h
Power	0. 55kw	1. 5kw	11kw	15kw	22kw
Weight	150kg	260kg	650kg	9500kg	1200kg
Diemension (mm)	450*430*1000	650*500*1160	1200*800*1500	1400*1000*1900	1500*1200*2200







PS - 3 Model



CPJ - 5 Model



CPJ- 10 Model



# Grape stem removing machine

#### Product introduction

Grape stem removing machine consists of stem remover, crusher and screw pump. The grape stem separation, grape stem removal, grape crushing, fruit pulp transportation and other working processes are the pre-processing equipment for grape juice extraction and wine fermentation.

- 1. The screw feed is evenly fed, the stem is removed first and then crush grape, and the crushed grape is transported by screw pump.
- 2. Stem removal shaft and stem removal rotary screen are stepless speed regulation. The diameter of rotary screen can be customized according to the grape variety and fruit size of customers, and the processing of various grape varieties should be applied.
- 3. The crushing device is high elastic food grade rubber roller, which has no damage to grape core. The gap between the two rollers can be adjusted between 4-15mm, and the hard block will stop automatically when it exceeds 15mm. The crushing device and the stemming machine are connected together, so the cleaning is convenient.
- 4. In addition to the transmission part, the whole machine is made of 304 stainless steel with independent electric control cabinet.
- 5. This machine is also suitable for pre-processing of seabuckthorn juice.

### Product specification

Model	JCP-1	JCP-5	JCP-10	JCP-20	JCP-50
Capacity	1-2t/h	5-7t/h	7-15t/h	15-25t/h	30-50t/h
Output pump outlet size	50mm	75mm	100mm	100mm	125mm
Crush power	0. 55kw	0. 75kw	1. 1kw	1. 1	3
Main power	0. 75kw	1. 5kw	2. 2kw	4	7. 5
Pump power	3kw	3kw	5. 5kw	7. 5	15
Weight	400kg	780kg	950kg	1300kg	2200kg
Dimension (mm)	1600*500*1400	1850*630*1450	2300*950*1600	2750*970*1850	3500*1450*2200





#### JCP- 5 Model



JCP-15 Model









# Screw type juice making machine

#### Product introduction

LZ type screw juice making machine is suitable for press juice from crushed apple, pineapple, ginger, carrot, pear, tomato, spinach, coconut meat and other vegetables.

hopper and extruded by the screw, forming the maximum pressure at the conical outlet. The squeezed juice flows into the juice collecting container at the bottom through the filter screen, and the waste residue is discharged through the annular gap formed between the screw and the conical part. The pressure device at the outlet can be adjusted manually to change the extrusion pressure

PZJ type juice machine is designed on LZ type juice machine, to add a crusher device, form crushing and pressing combined juicer machine, automatically finish the functions of crushing, juicing and slagging.

QZJ type kernel removed juice machine is mainly used for stone fruits, whole machine include kernel remove part and juicing part, automatically finish the functions of remove kernel, juicing and slagging, wildly used for waxberry, cherry, peach, apricot etc.

- 1. Screw push extrusion, adjustable diameter of filter screen, suitable for juicing of various fruits and vegetables.
- 2. Except the transmission parts, the rest are made of food grade stainless steel.

	LZ Screw juicer					
Model	Capacity	Power	Screw Dia	Screw length	Speed	Dimension
LZ-0. 5	0.5t/h	1. 1kw	120mm	530mm	410r/min	910*385*810mm
LZ-1. 5	1.5t/h	4kw	174mm	772mm	410r/min	1300*500*1330mm
LZ-2. 5	2.5t/h	11kw	250mm	860mm	410r/min	1480*740*1780mm
			PLZ Screw	juicer with crusher		
Model	Capacity	Power	Screw Dia	Screw length	Speed	Dimension
PZJ-0. 5	0.5t/h	2. 05kw	120mm	530mm	410r/min	910*500*1250mm
PZJ-1. 5	1.5t/h	5. 1kw	174mm	772mm	410r/min	1300*650*1380mm
PZJ-2. 5	2.5t/h	12. 5kw	250mm	860mm	410r/min	1500*740*2000mm
			QZJ Core ren	moval screw juicer		
Model	Capacity	Power	Screw Dia	Screw length	Speed	Dimension
QZJ-0. 5	0.5t/h	3kw	120mm	530mm	410r/min	930*930*1590mm
QZJ-1.5	1.5t/h	8kw	174mm	772mm	410r/min	1350*1300*1850mm
QZJ-2. 5	2. 5t/h	16. 5kw	250mm	860mm	410r/min	1550*1500*2050mm



Screw type juice machine



Crush type juice machine



Kernel remove type juice machine



Cleaning and crushing juice combined machine



# Fruit vegetable beating machine

#### Product introduction

The beating machine is driven by an electric motor through a belt to make the scraper on the equipment rotate at a high speed. When the crushed fruit enters the machine through the feeding hopper, the material moves between the scraper and the screen in a spiral track, and is wiped by centrifugal force. The pulp and juice pass through the mesh to enter the next process, and the skin and seeds are discharged from the slag outlet.

DJ1 beating machine is suitable for multiple fresh berry fruits and vegetables. For example: tomato, kiwi fruit, strawberry, apple, orange, hawthorn, grape, mulberry, peach, apricot, etc., as well as pre boiled and softened fruit, to produce fruit pulp, and to separate the core, seed and peel. It is the processing equipment for making fruit juice and jam.

DJ2 beating machine on the basis of DJ1 beating machine, adding a second beating, can play a fully automatic separation of pulp, nut, and peel separation.

MDJ2 beating machine, suitable for mango, peach, apricot kernel remove and beating.

- 1. Beating machine has single, double, three, crushing functions. The fruit pulp and slag are separated automatically.
- 2. Adjusting the angle of scraper and changing the screen size can change the beating speed and achieve satisfactory results for different fruits and vegetables.
  - 3. Except the transmission parts, the rest are made of food grade stainless steel.
- 4. beating machine and juice machine can be matched to form a kernel remove juice machine.

Model	Type	Power	Capacity	Pulp speed	Dimension
DJ1-0. 12		1. 5kw	0. 12t/h	≤860r/min	820*450*950mm
DJ1-2. 5		4kw	2. 5t/h	≤860r/min	1450*770*1523mm
DJ1-3. 5	Single channel pulp machine	5. 5kw	3. 5t/h	≤860r/min	1550*770*1530mm
DJ1-5		11kw	5t/h	≤860r/min	1750*1000*1700mm
DJ2-0. 24		3kw	0. 24t/h	≤860r/min	820*1000*1350mm
DJ2-4	Double channel pulp machine	7. 5kw	4t/h	≤860r/min	1370*1370*1800mm
DJ2-7. 5		11kw	7. 5t/h	≤860r/min	1935*2275*1700mm
DJ3-7. 5	Triple channel pulp machine	18. 5kw	7. 5t/h	≤860r/min	1935*2275*1700mm
MDJ2-4		7. 5kw	4t/h (mango1.8t)	≤860r/min	1370*1370*1800mm
MDJ2-5	Core removal pulp machine	15kw	5t/h (mango3t)	≤860r/min	1650*1370*2000mm



Single channel pulp machine





Core removal pulp machine



Crush beating machine



### Roller type juicer

### Product introduction

The Roller type juicer is suitable for juicing of kumquat, tangerine, orange, lemon, grapefruit, pomegranate and other fruits. The fruit does not need to be peeled or graded, and the juice is directly squeezed, and the peel and juice are automatically separated during squeezing.

Different press rollers are also suitable for passion fruit special pulping equipment, to discharge the pulp with seeds from the juice outlet, and the peel and pulp are separated.

The machine is mainly composed of three stainless steel press rollers, two knife rollers, one feeding roller, feed inlet, juice outlet, frame and transmission part. When working, pour the material into the hopper. The material first passes through the middle of the two knife rollers, and is pressed into the knife roller through the feeding roller to be cut. After being cut, it is further squeezed by three press rollers. the peel is discharged from the outlet, and the juice and fruit pulp are discharged from the juice hopper to achieve the effect of juicing.

The whole machine is made of food-grade stainless steel except the transmission part, and the blade is made of 400C steel.

Processed orange/lemon					
Model	DGJ-1.5	DGJ-3			
Power	2. 2kw	3kw			
Capacity	1-1.5t/h	2-3t/h			
Fruit size	10-110mm	10-110mm			
Machine size	1250*800*1450mm	1250*1200*1450mm			
Weight	350kg	550kg			
	Processed passion fruit				
Model	DGQJ-0.8	DGQJ-1.6			
Power	1.5kw	3kw			
Capacity	0.5-0.8t/h	1-1.6t/h			
Machine size	1250*800*1450mm	1250*1200*1450mm			
Weight	350kg	550kg			









DGJ-1.5/DGQJ-0.8





### Juice seed remove machine

#### Product introduction

Passion fruit (passion fruit) juicer, passion fruit (passion fruit seed remove machine), tomato, watermelon, chilli seed remove machine.

- 1. This machine is a special juicing equipment for passion fruit and passion flower. While squeezing out fruit juice, the pulp and seeds are separated. Get pure juice, peels, and seeds. Therefore, this equipment is not only a passion fruit (passion flower) juicer, but also a passion fruit (passion flower) peeling machine and seed remove machine.
- 2. The machine is mainly composed of feeding hopper, crusher, separation cylinder, seed separator cylinder, transmission system, frame, etc. When working, the material is firstly crushed by the crusher, then enters the separation cylinder to separate the peel, the pulp and seeds enter the seed separation cylinder, and then the seeds and juice are separated, so as to achieve the separation effect of pulp, peel and seeds.

The machine is made of food grade stainless steel except for the transmission parts.

After changing the internal structure of the machine, it can be used for the ripe tomato, watermelon and pepper seed removing. The material enters from the hopper and is first crushed by the crusher. The crushed material enters the separation cylinder, the pulp and seeds are separated, and the seeds and some juice enter the seed separation cylinder from the separation cylinder, and the seed separation cylinder passes through the high-speed rotating scraper. Separate the tomato seeds.

### Product specification

### Passion fruit juicer(Seed extractor)

Model	BXG-1	
Power	2. 2kw	
Capacity	0.8-1t/h	
Dimension (mm)	1900*850*2260	
Weight	650kg	

### Tomato seed extractor

Model	QZJ-1. 2
Power	2. 2kw
Capacity	0.5-1.2t/h
Extracting rate	≥97%
Broken rate	≤2%
Dimension (mm)	1900*850*2260
Weight	650kg



Passion fruit juicer(Seed extractor)



Passion fruit juicer(Seed extractor)



Tomato seed extractor





### Coconut flesh grinder

#### Product introduction

Coconut flesh grinder is suitable for grinding large size coconut into powder shape coconut flesh. It is a special equipment for producing coconut flesh.

The machine is composed of feeding hopper, feeding guide strip, cutter teeth, grinding disc, spindle, bearing seat, discharge hopper, belt disc, motor, frame and other parts. During operation, the motor drives through the belt to make the grinding disc of the equipment rotate at a high speed. There are several toothed cutter teeth on the grinding disc. The material enters the machine cavity through the feed hopper, and the contact with the cutter teeth can be ground fine, and discharged from the discharge hopper.In order to prevent the material from contacting with the cutter teeth under the action of centrifugal force of the grinding disc, the feeding hopper is specially designed to be conical, and the feeding guide strip is added on the inner wall to make the material fully in contact with the cutter teeth to achieve the best grinding effect.

The machine and the basic parts of materials are made of stainless steel. The cutter teeth are made of 1CR13 material with high hardness, toughness and good corrosion resistance. They are hardened and durable.

### Product specification





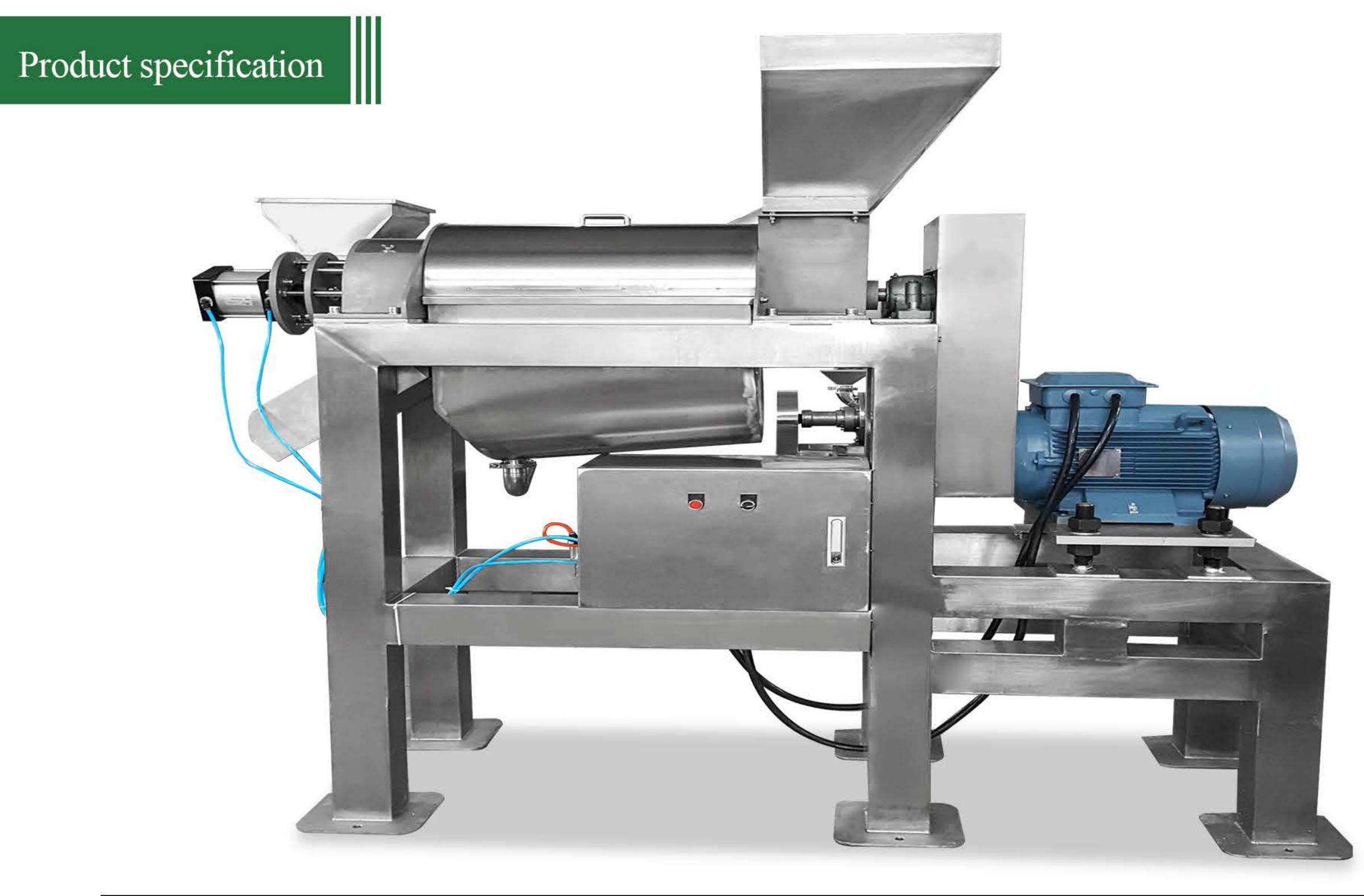
Model	YRM-400	YRM-600
Power	5. 5kw	11kw
Capacity	1.5-2t/h	2-3t/h
Grinding disc diameter	400mm	600mm
Dimension (mm)	1000*940*1250	1500*1400*1860
weight	450kg	850kg

### Coconut milk juice extractor

### Product introduction

Coconut milk juice extractor is mainly used for crushed coconut milk squeezing and dewatering, compared with the traditional LZ series spiral juice extractor, it has the advantages of large jield and high juice yield, especially suitable for grinding coconut milk, powdered chemical raw materials and other materials squeezing and dewatering. This machine is widely used in food, chemical, pharmaceutical and other industries.

The equipment is mainly composed of feeding hopper, front support seat, screw, screen, juice container, rear support, pneumatic compaction device, slag discharge tank and other parts. At work, the material enters the spiral juicer through the feed hopper, and the bottom diameter along the outlet direction of the material is gradually increased by the spiral while the pitch is gradually reduced. When the material is pushed by the spiral, the volume of the spiral cavity is reduced, forming the squeezing of the material. When raw materials are added to the hopper and pressed under the advance of the screw, the pressed juice flows into the juice container at the bottom through the screen, while the slag are discharged through the annular void formed between the screw and the tapered part of the pressure regulating head, and the pressure and juice rate are controlled by the cylinder.



Model	YRZ-1	YRZ-3	YRZ-5	YRZ-10
Power	3kw	11kw	22kw	30kw
Capacity	0.5t/h	1.5t/h	3t/h	5t/h
Dimension (mm)	1400*385*810mm	2200*720*1360mm	2320*900*1780mm	2320*1100*2000mm
Weight	450kg	850kg	1550kg	2300kg



# Fruit & Vegetable Peellng Machine

#### Product introduction

This machine is used for peeling fruits and vegetables, with high peel removal rate, and good adaptability to the shape of fruits. It can complete the six actions of peeling, cutting the end, poke the nucleus, cutting pieces, separating and protecting the color, "one machine reaches six machines". It can also peel 20 kinds of fruits and vegetables including kiwi, pear, persimmon, orange, lemon, kohlrabi, mango, avocado, grapefruit and guava. It can automatically find the height and thickness of the fruit, so it has a good adaptability to the irregular shape of the fruit.

The cutter automatically tracks the changes in the shape of the fruit, so the fruit loss is low. The main material of the whole machine frame is high-quality304 stainless steel, and the whole machine computer control, PLC and other electronic components adopt Japanese Omron. Manufacturing has obtained the EU CE certification. When working, click on the touch screen, set the parameters, put the color protection liquid in the slot of the machine, and then put the fruits and vegetables into the fruit holder, the machine can automatically peel, cut ends, poke the core, cut the petals, separate and protect the color. Each mouth comes out of the pulp, peel, two ends of the peel, and the core. It is an essential equipment for fruit and vegetable processing.

The small fruit peeling machine mainly processes small fruits such as apples, mangos, citrus, pears, apples, taro, kiwi, etc. The peeling height can be adjusted automatically. After the latest improvement of the machine, mangoes can be pitted at the same time, and the peeling height can reach 15cm.

The big fruit peeling machine mainly processes big fruits such as grapefruit, pumpkin, big taro, pineapple, jackfruit, winter melon, watermelon, cantaloupe, etc. The peeling height can be adjusted automatically.

### Small fruit peeling machine

Model	6GXD-13 peeler	
Capacity	1000 pcs/h	
Power	0. 6kw	
Voltage	220v/50hz	
Peeling thickness	1-6mm	
Fruit Diameter	40-100mm	
Height of fruit	40-120mm	
Weight	380kg	

### Big fruit peeling machine

Model	6GXD-6 peeler	
Capacity	300-500 pcs/h	
Power	0. 8kw	
Voltage	220v/50hz可定制	
Peeling thickness	1.5-10mm	
Fruit Diameter	80-250mm	
Height of fruit	160-350mm	
Weight	170kg	
Diemension	1500*750*1900mm	





# Fruit & vegetable washing machine

#### Product introduction

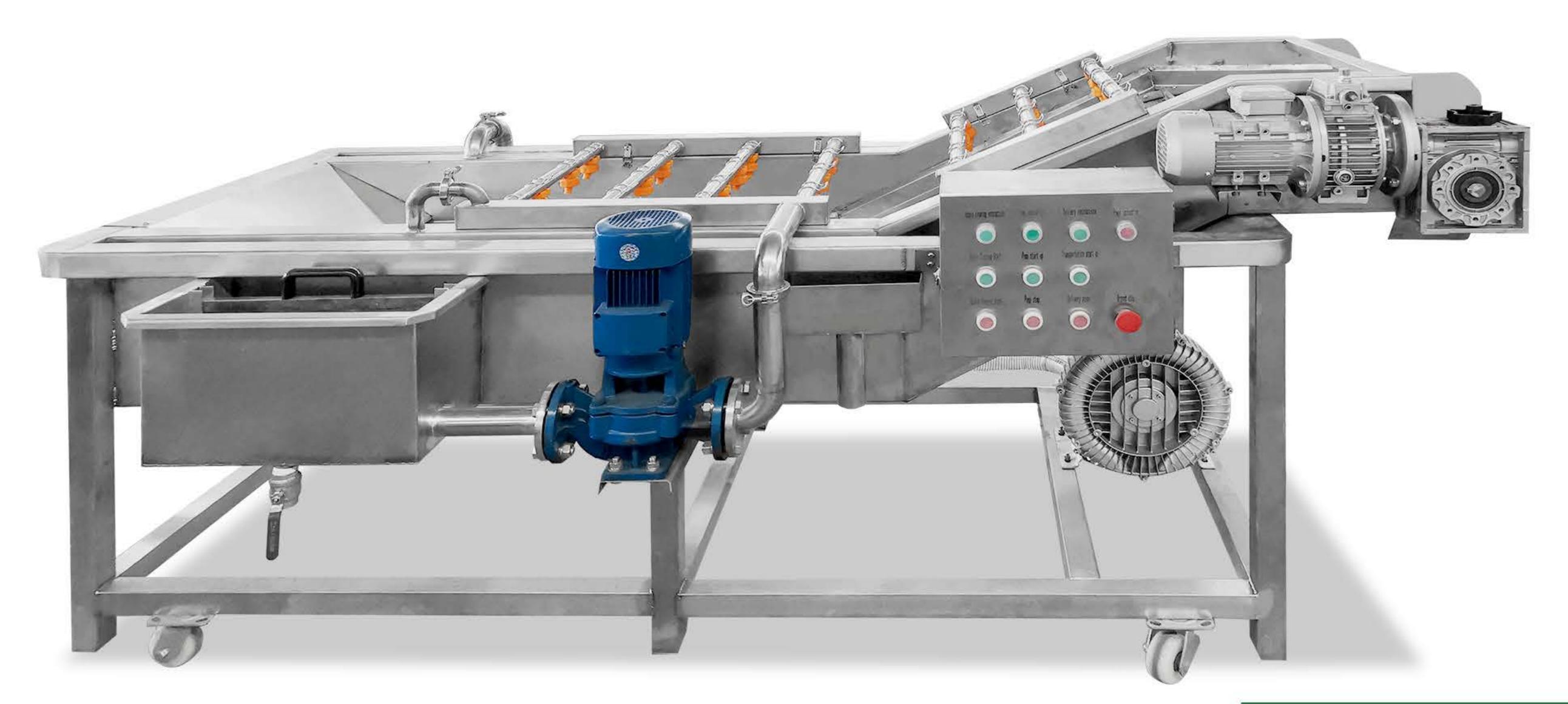
The washing machine is suitable for the raw materials such as the fruits, vegetables, herbs and etc.

- 1. The bubble washing machine is equipped with a bubble voice device. There is a high-pressure spray water pipe on the top, which can make the raw material roll up and down with the water rolling during the washing process. By the powerful rushing of the high-pressure water on the top, every part of the raw material can be cleaned. The raw material to be cleaned comes out to the outlet with the mesh belt moving and enter to the next step automatically during the cleaning process. It saves the working time and improves production efficiency.
- 2. Brush washing machine is suitable for round fruits and vegetables. The raw material will be cleaned in 360 ° rotation between the rotating brush rollers. The raw material is pushed forward by the rotation of the brush. There is a spray water pipe installed on it, which can clean the dirt and dust on the raw material. Brush washing machine can be divided into cylinder and wave types.
- 3. Drum washing machine is suitable for carrots, sweet potatoes, potatoes, radishes, apples, pears, etc. The raw materials enter into the drum evenly, it can be turned over constantly with the help of the rotation of the drum. The material fricts mutually with the roller brush and the raw material also fricts mutually by itself, the high pressure spray water pipe clean the raw material at the same time.

The washing machine is a new type of fruit & vegetable washing equipment developed by our company. The machine is made of food grade 304 stainless steel. It meets the national food health and safety requirements. It can be customized according to customer's need and requirements.

#### Product specification

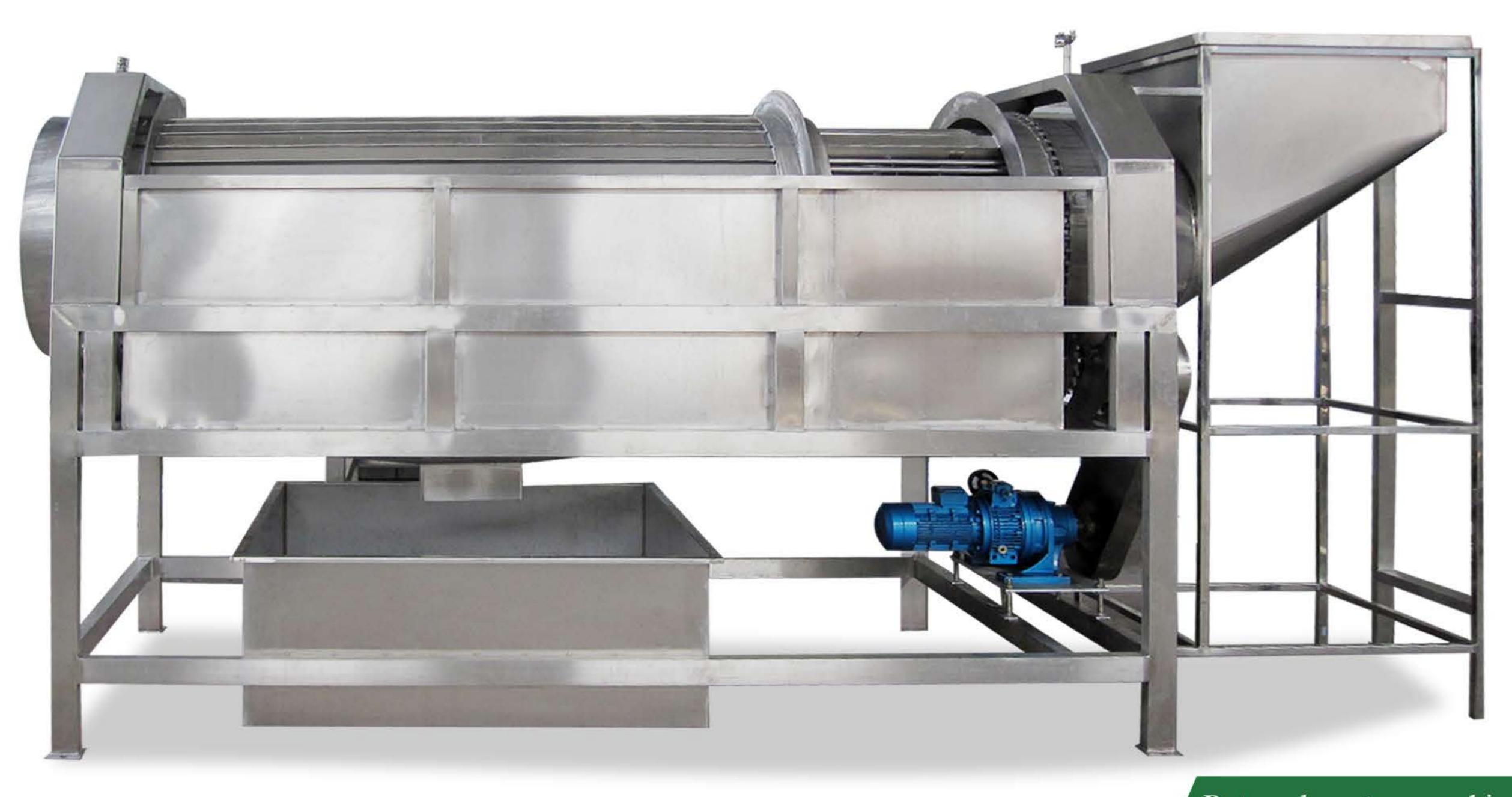
Model	Power	Capacity	Weight	Dimension (mm)
QPX3000	3. 75kw	500kg/h	180kg	2000*1400*1300
QPX4000	4. 1kw	800kg/h	400kg	4000*1400*1300
QPX5000	5. 1kw	1500kg/h	600kg	5000*1400*1300
QPX6000	5. 5kw	2000kg/h	850kg	6000*1400*1300
Model	Power	Capacity	Weight	Dimension (mm)
MSX1000	1. 1kw	1000kg/h	260kg	1600*850*800
MSX1500	2. 2kw	1500kg/h	350kg	2100*850*800
MSX2000	3kw	2000kg/h	420kg	2600*850*800
Model	Power	Capacity	Weight	Dimension (mm)
GTX-5	2. 2kw	5t/h	1550kg	3000*1000*1800
GTX-5	2. 2kw	5t/h	1550kg	3000*1000*1800



bubble type washing machine



brush washing machine





### Solid Liquid Separator

#### Product introduction

Screw press solid liquid separator: suitable for raw materials with liquid ratio larger than solid ratio, mainly for pulp of paper mill, wine residue of winery, and waste water of animal husbandry industry. Components are: body, screen, extrusion auger, deceleration motor, unloading device, cutting conveying pump. When the cutting conveying pump delivers the mixture liquid to the solid liquid separator through the pipeline, the separator starts, And the squeeze auger gradually pushes the mixed liquid to the front of the body. And at the same time continuously increases the pressure at the front, forces the water in the material to extrude the screen and flow out of the drain pipe. The work of the solid liquid separator is continuous, the material is continuously pumped into the equipment, and the pressure of the leading edge increases constantly. When the pressure reaches a certain degree, the discharge port is pushed open to squeeze out the solid, so as to achieve the purpose of squeezing and dewatering. The humidity of the solid after extrusion is about 60%. Discharge speed and water content can be adjusted by adjusting the pressure device of the main engine.

- 1. Spiral extrusion type solid liquid separator is small in size, low in speed, simple in operation, high in efficiency, and does not need to add any flocculant.
- 2. The screw and the screen are made of stainless steel, in which the screw is a fully welded screw and the screw head is a special wear-resistant material.

Inclined sieve type solid - liquid separator: suitable for raw materials with much liquid and solid ratio less than 20%. The first stage filtration is carried out through tilting screen, and then secondary dehydration is carried out through screw and screen pressure to achieve the solid-liquid separation effect.

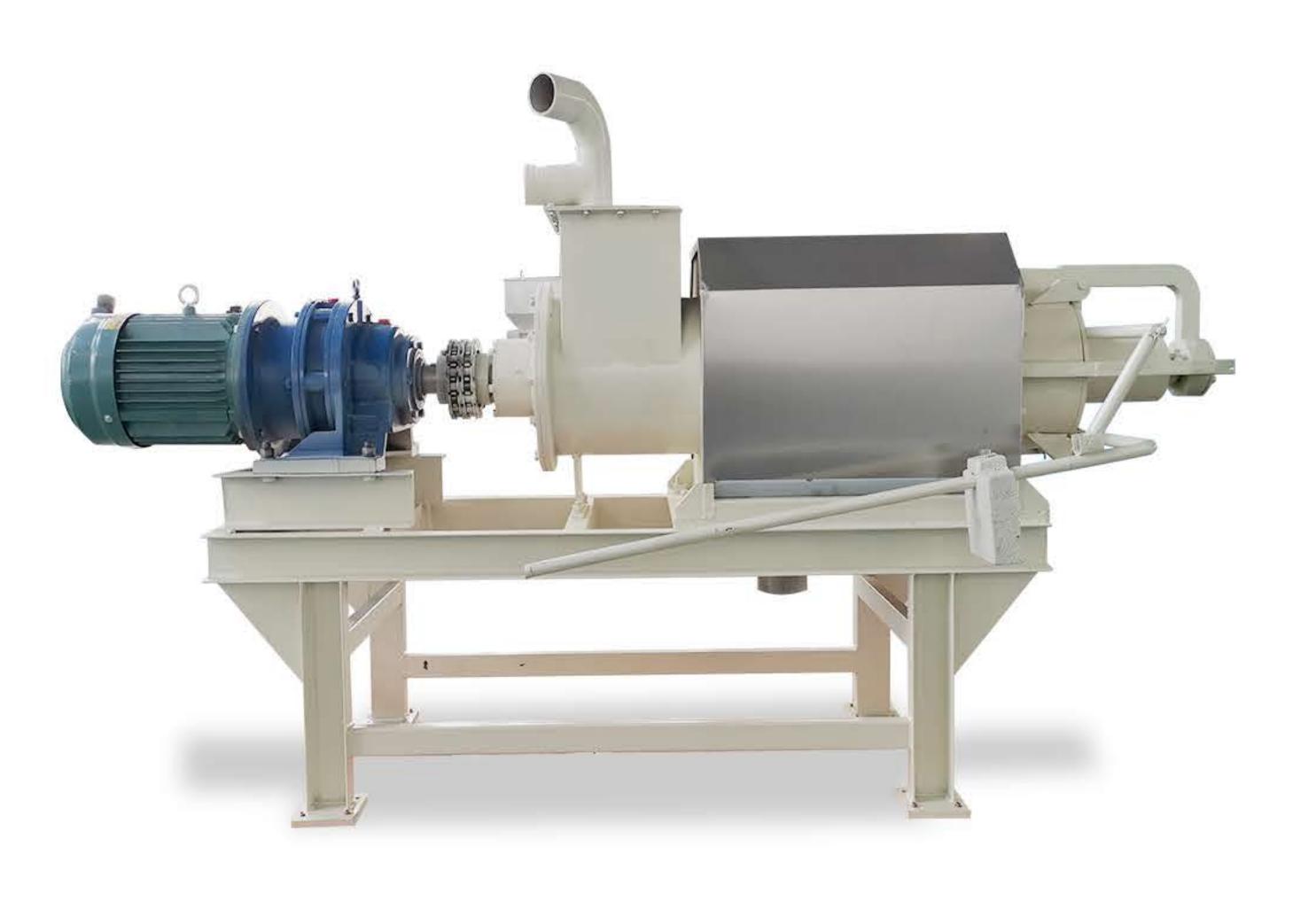
Model	TZ180	TZ200	TZ280	TZ1200
Voltage	380V	380V	380V	380V
Power	4+3kw	4+3kw	5. 5+3kw	3+3KW
Machine size (mm)	2000*600*1300	2200*610*1350	2400*800*1300	2600*1200*1600
Machine Weight	340kg	510kg	680kg	480kg
Cpacity	5-6m³/h	8-10m³/h	12-15m³/h	35-40m³/h
Inside screen diameter	180mm	200mm	280mm	260mm
Inlet diameter	76mm	76mm	76mm	76mm
Diameter of overflow port	76mm	76mm	76mm	760mm
Drain pipe diameter	110mm	110mm	110mm	160mm



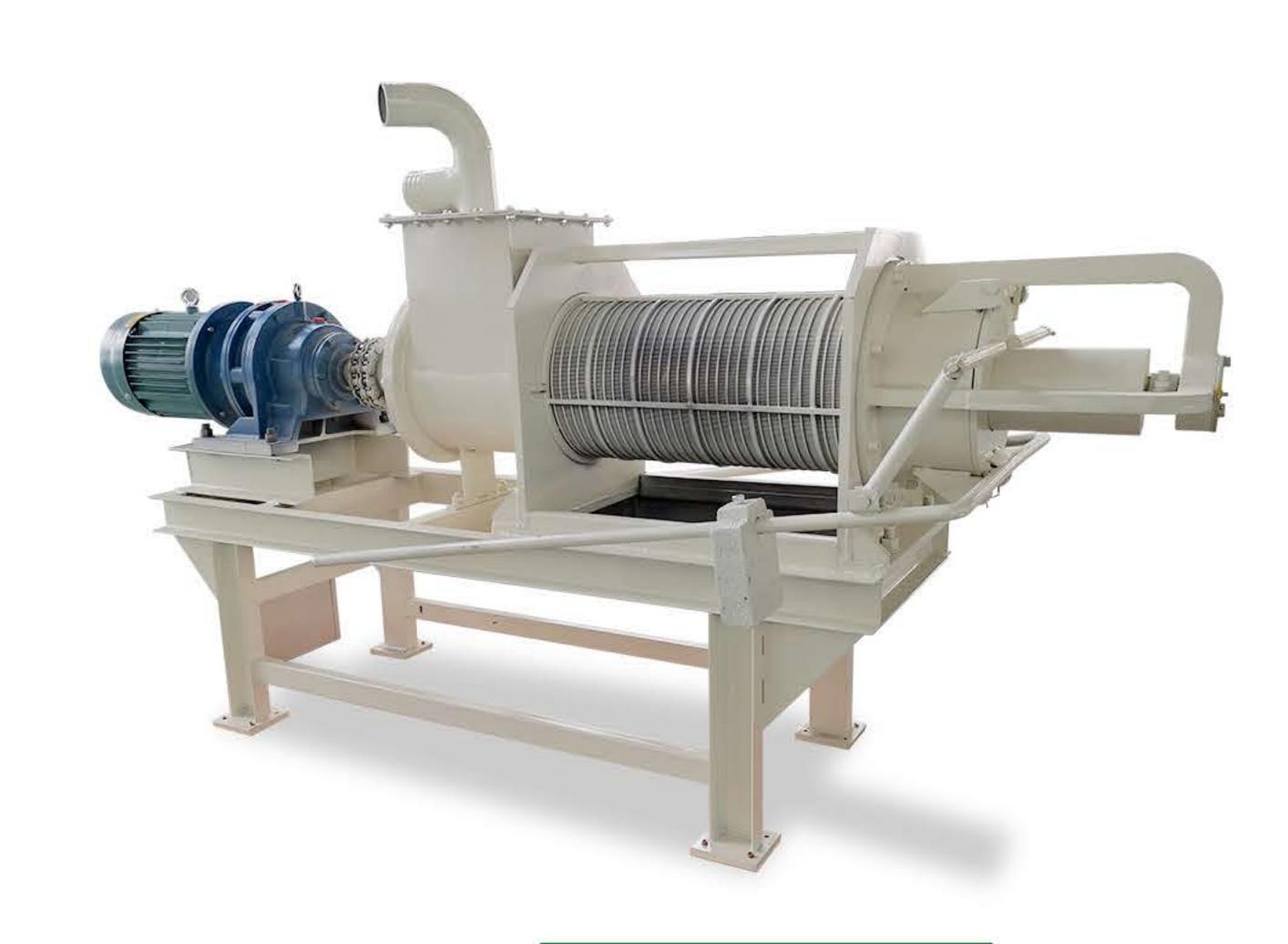




TZ180 Model



TZ200-TZ280 Model



TZ200-TZ280 Model



TZ1200 Model



TZ1200 Model



# Project case











# Customer site









