



B E I B U

BEIBU MACHINERY

Focus on agricultural equipment

Provide professional machines

河北邳埠机械设备科技有限公司

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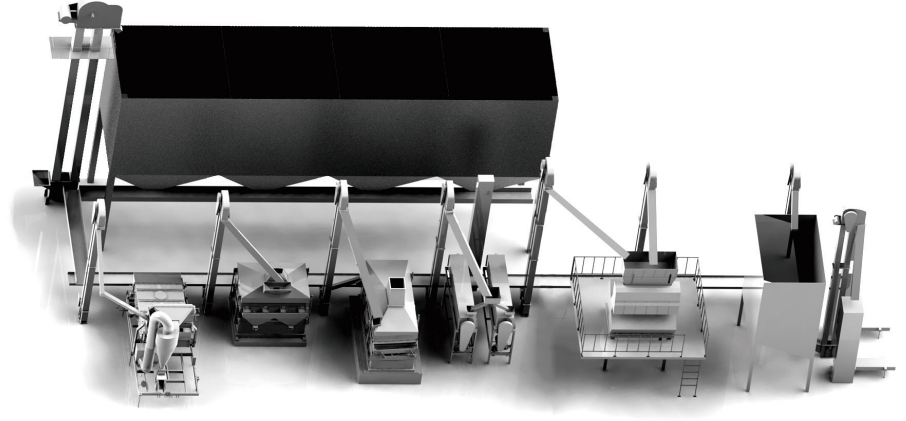
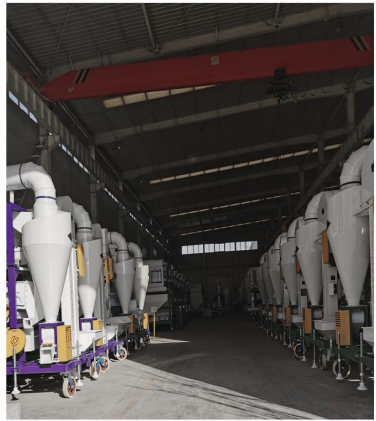
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We, Hebei Beibu Machinery Technology Co., LTD, which is the supplier for grain cleaning machine and the peanut processing machine line, also we can offer other agricultural machines solution professionally.

Our company located in Changan Zone, Shijiazhuang City, Hebei Province, China

We had been in the grain cleaning machine field for more than 8 years, with the professional work, we had been exported the grain cleaning machines to lots countries like Ethiopia, Sudan, Nigeria, Benin, Vietnam etc.





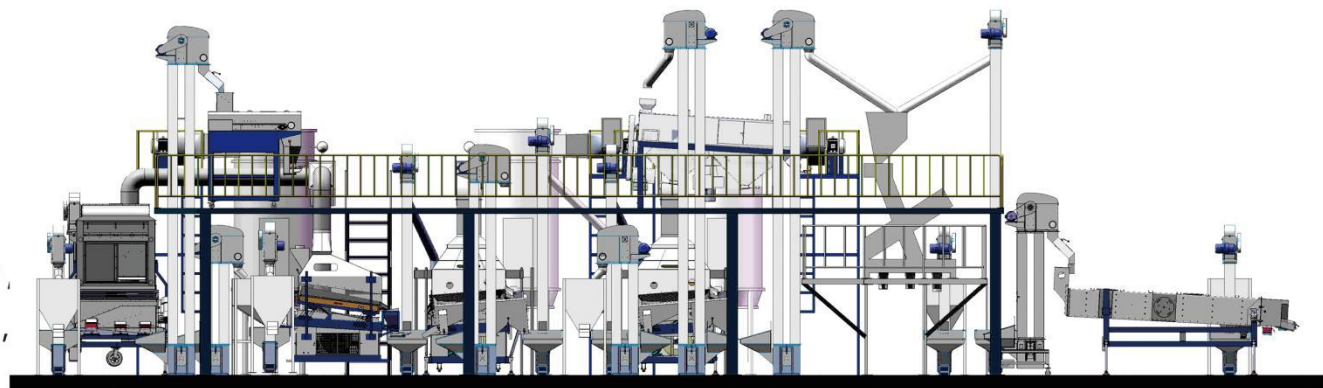
sesame cleaning line

pulses cleaning plant

beans cleaning and sorting line

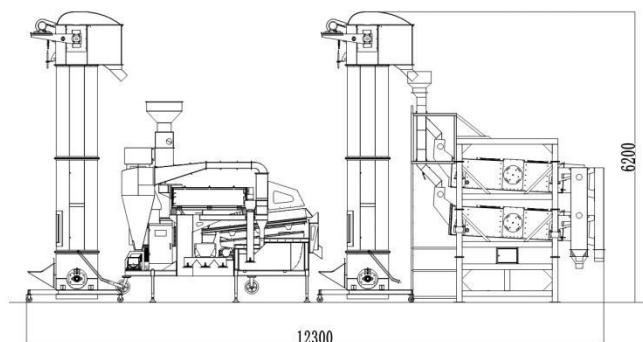
Designed according to customer needs

pre-cleaning machine , de-stoner , magnetic separator ,
gravy separator , vibration grader , polishing machine ,
color sorter , Auto packing machine .





Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
PLC Automatic cleaner with gravity table & Vibration grader	Z310 & 5XFJ-40D	12.3X3.3X6.2	9500	43.4	30

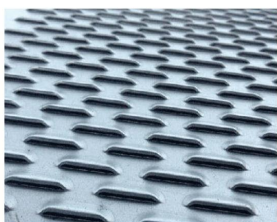


Working Principle

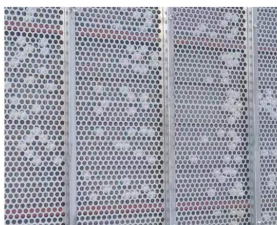
- The raw grain go to machine by elevator,first go through the vertical air screen which will remove the dust and light impurities ;
- Then the grain will go to the vibration box which got two layers can remove the big and small impurities;
- The grain go through another air screen , remove the lighg impurites again.
- After that the grain will go to the gravity table which can remove the small sticks, lighted,moldy and insected grain;
- Finally it will go to the Vibration grader . to separate the big and small impurities again or separate the seeds to different sizes.



This is a classic combination machine.
It includes two machines. 5XFZ-25S air screen cleaner with gravity table and 5XFJ-10C vibration grader. These two machines have three functions: air separation, screening, and specific gravity selection, which can remove most of the impurities in seeds and grains.
And it is easy to install and set up. It is widely used in sesame, peanuts, beans, rapeseed, sorghum and other processing industries in Africa, America and Asia.

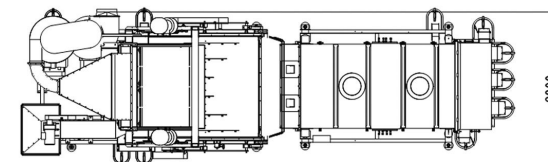
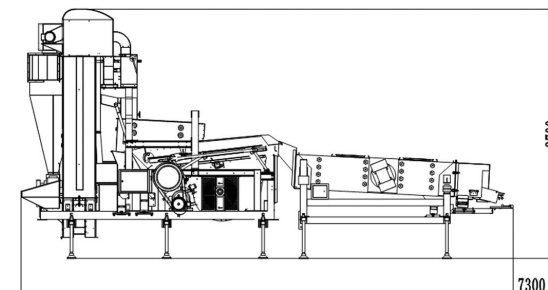


Gravity table use the fish scale net
The wind can pass through but the material will not fall



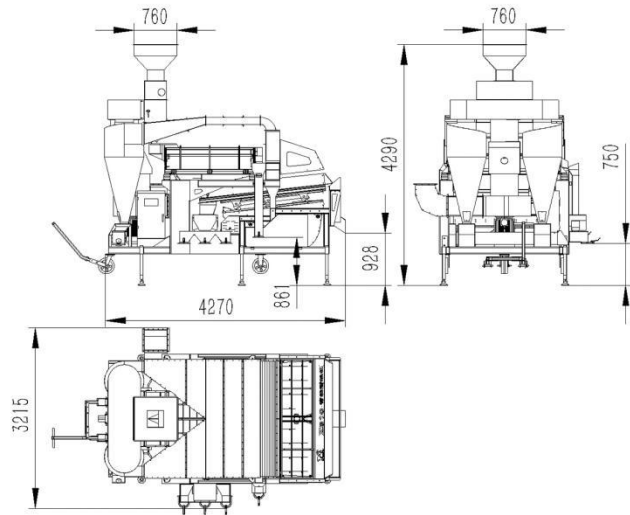
Vibration grader use the perforated mesh and rubber balls
Can effectively avoid mesh clogging

Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
Air screen cleaner with gravity table & Vibration grader	5XFZ-25S & 5XFJ-10C	7.3X2.3X3.7	3100	14.3	7-8





Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
PLC Automatic cleaner with gravity table	Z310	4.3X3.3X4.3	5500	36	30



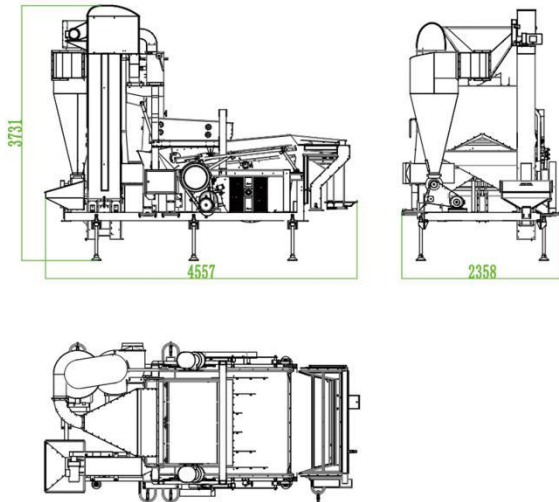
Working Principle

- The raw grain go to machine by elevator,first go through the vertical air screen which will remove the dust and light impurities ;
- Then the grain will go to the vibration box which got two layers can remove the big and small impurities;
- The grain go through another air screen , remove the lighg impurites again.
- After that the grain will go to the gravity table which can remove the small sticks, lighted,moldy and insected grain;





Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
Air Screen Cleaner With Gravity Table	5XFZ-25SC	4.6X2.4X3.7	2100	12.8	8



Working Principle

- The raw grain go to machine by elevator,first go through the vertical air screen cleaner which will remove the dust and light impurities ;
- Then the grain will go to the small vibration box which got two layers can remove the big and small impurities;
- After that the grain will go to the gravity table which can remove the small sticks, lighted,moldy and insected grain;
- Finally it will go to the half back sieves which can remove the big and small impurities again.





Working Principle

- The raw seeds go to the main machine by elevator, first go through the air screen part which can remove the dust and light impurities;
- Then the seeds will go to the vibration grader which will remove the larger and smaller impurities than seeds by the different hole size in the four layer sieves; Or separate the seeds to different sizes .

Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
Air Screen Cleaner	5XFS-7.5C	5.1X2.1X3.4	1700	10.1	5
Air Screen Cleaner	5XFS-10C	5.4X2.3X3.4	1800	10.5	8

The air screen cleaner is widely used for cleaning all kinds of seeds .

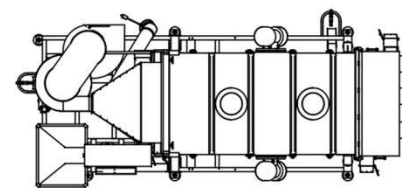
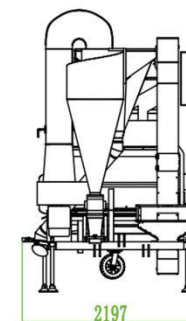
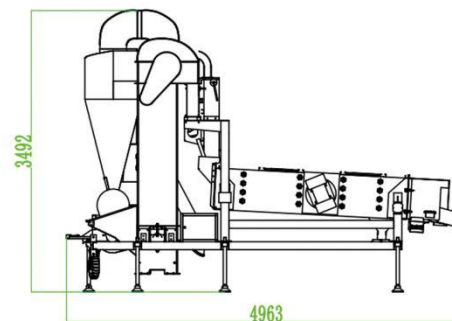
This machine Have been used for long time . By changing the sieves inside , it can clean all kinds of seeds . And now , it is widely used as the first machine in the processing line .

Good stability .The long history proves that this machine is very stable.

Removable. Easy to install and quick to put into use.

Simple to operate. Any employee can easily learn the operation method.

Wide applicability. Buy changing the sieves inside , it can clean all kinds of seeds .





Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
Double Air Screen Cleaner	5XFS-7.5BC	5.1X2.7X3.5	2300	9.9	3

The Double air screen cleaner is widely used for cleaning light materials such as sesame.

Simple structure. Low failure rate.

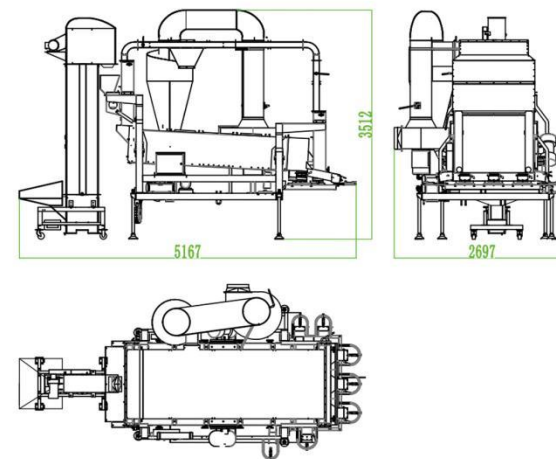
Removable. Easy to install and quick to put into use.

Simple to operate. Any employee can easily learn the operation method.

Double air screen. Makes it easier to remove light impurities in the material to ensure the high purity of the finished product.

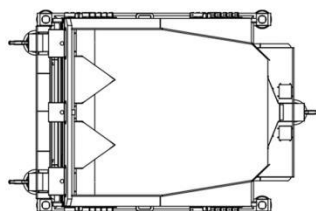
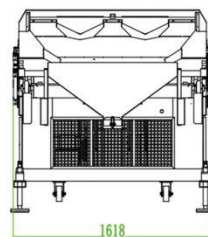
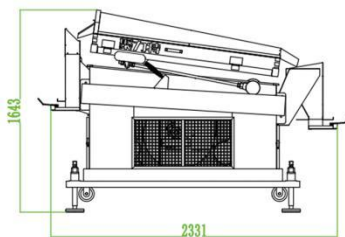
Working Principle

- The raw sesame went to the main machine by elevator,first go through the from air screen part which can remove the dust and light impurities;
- Then the sesame will go to the vibration grader which will remove the larger and smaller impurities than sesame by the different hole size in the four layer sieves;
- At the same time,the sesame will go to the back air screen part for the second time light impurities removing,which improve the purity of the final sesame.





Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
De-stoner	5QS-5	2.5X1.6X1.6	700	6.25	5
De-stoner	5QS-10	2.5X2.3X1.6	900	8.5	8



Working Principle

- Blowing type De-stoner will remove the stones and other heavy impurities;
- The raw material will deliver to the De-stoner by elevator,then the material will evenly scattered on the De-stoner table,with the fan motor under the table blow up the wind and the vibration of machine,the stones and other heavy impurities will climb up and the material will go down to the final product outlet.

Blow-type de-stoner is widely used in the de-stone work of seeds, grains and pulses, and have a really good performance in the market. De-stoner normally used after cleaning machines to improve the purity of the finished product.

Large output. The blow-type de-stoner can realize the processing of large capacity.

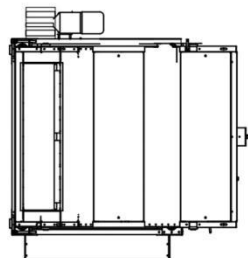
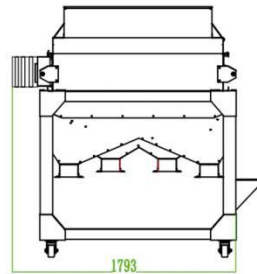
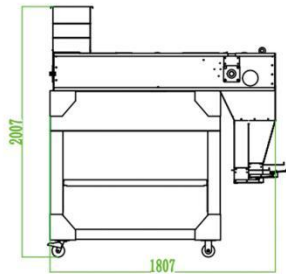
Beech wood gravity table. have better mechanical properties and ensure the quality of use.

304 stainless steel screen. Make it more durable. And the specially designed screen has better stone removal effect.





Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
Magnetic separator	5CX-5	1.8X1.8X2	800	0.75	5
Magnetic separator	5CX-10	2X1.8X2.5	1400	1.5	10



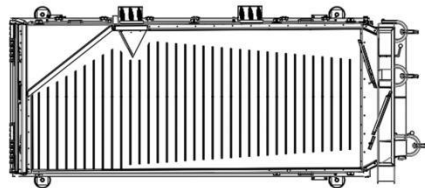
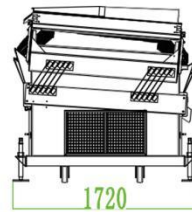
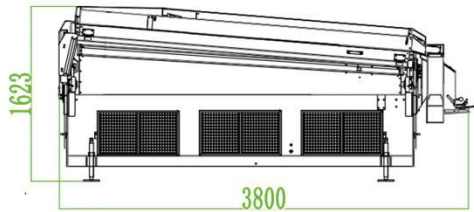
Working Principle

•5CX-5 Magnetic Separator is used to separate metals or clods from grains or seeds, the raw material will deliver to the magnetic separator by elevator, grains mixed with metals or clods go through a closed strong magnetic field with appropriate speed. Due to the different attraction strength of the magnetic field, metal, soil and clods will be separate from the grain.





Name	Model	Size (m)	Weight (kg)	Power (KW)	Capacity (t/h)
Gravity separator	5XZ-5	3.8x1.7x1.7	1600	13.2	5
Gravity separator	5XZ-8	3.8x2x1.8	1700	14.3	8
Gravity separator	5XZ-15	4.6x2.3x2.2	3500	28.25	15



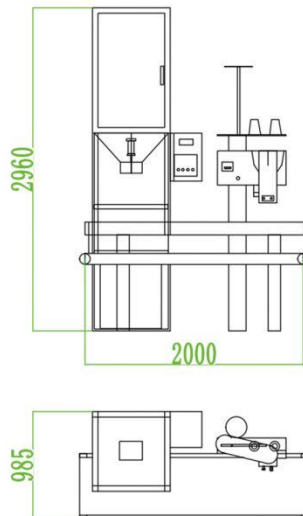
Working Principle

- Blowing type Gravity Separator will separate the moldy,blighted,and insected grain from the good grain.
- The raw material will deliver to the gravity separator by elevator,then the material will evenly scattered on the gravity separator table,with the fan motor under the table blow up the wind and the vibration of machine,and the differentangle of the gravity table, the moldy,blighted, and insected grain will go to the down side and the good grain will go to the higher side and getting out, the middle part will be the mixed area,the mixed part will go to the slope elevator for the recycling.





Name	Model	Size (m)	packing range (kg)	Division value (g)	packing speed (bags/h)
Packing machine	DSC-100	2X1X3	30-80	20	≥260



FEATURES

New controller with high precision, working stable, can display the total weight, number of package, easy to operation.

The adaptive software, having the function of automatic control parameters setting, automatic drop revising, over-weight warning and auto-diagnosis.

Wide packing range, high precision, it can match well with conveyor and sewing machine.

Products using imported sensor, pneumatic actuator, easy maintenance and non-pollution.

The main material body is carbon steel, with painted plastic. And material contact part is stainless iron, corrosion resistance, long service life.

Communication interface can be offered if need, realization of data communication with PC.

RANGE OF APPLICATION

It is suitable for the high speed quantitative packaging of granules in food, grains, dodder, fertilizer sugar making and chemical industry, etc





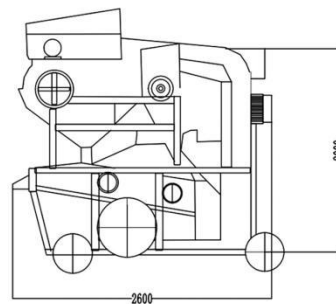
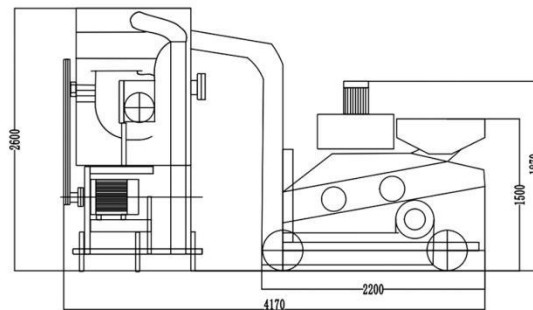
Machine running principle:

Peanut will be feeding by people. The peanut goes through the de-stoner . The stone will be removed there . Then the peanut is taken to the sieves ,cause the friction of rotor and fence,the peanut kernel and shell will be separate and the peanut kernel and the peanut shell will drop through the fence ,pass by the air tube and wind will blow most of the peanut shell out of the machine ; then the peanut kernel and some of the small peanut still with shell will go to the gravity table ,the peanut kernel will go to the upside then go to the final outlet,the small peanut with shell will go to the downside and go out to the elevator for the second shelling.

Advantages:

- 1.small and convenient
- 2.Light weight which is easy to move
- 3.Simple installation
- 4.High capacity
- 5.Low cost
- 6.Good shelling result

No.	Model	Size (m)		Weight(kg)	Power (KW)	Capacity (t/h)
		shelling machine	de-stoner			
1	LY-7000	2.1x1.3x2.3	2x1.1x1.9	900	21	1
2	LY-10000	2.3x1.5x2.5	2.1x1.2x1.9	1350	31	2
3	LY-20000	2.5x1.6x2.5	2.2x1.2x1.9	1700	41	3



We ,Hebei Beibu Import and Export Trade Company, had been supply the sesame paste and peanut butter making machines to the clients all over the world in many years with the good feedback.We can offer the appropriate designing based on your requirements high quality product and good service.

Roasting machine:The machine use the temperature controller to control the temperature in the oven to do the baking for the peanut and sesame.Highly automatically , low noise , no pollution,and high capacity.

Conveyor belt : Use for the collecting of the after baking material,and deliver the material to the cooling belt.Stainless steel ,clean and durable.

Cooling Belt : Mainly including two functions:the conveyor belt and fan motor cooling ,which can cooling the material quickly.Cooling fast and low noise.

Peeling Machine : Remove the red surface of the peanut kernel by the friction sticks in the machine.Compact model and running stable and high peeling rate.

Picking belt: After the peeling machine,pick the un-peeling peanut manually.

Grinding machine: Grinding peanut or sesame to paste,the grinding accuracy can be adjusted. Stainless steel,simple structure and easy to maintain.

Cooling tank: For the stock and cooling of grinding peanut.Stainless steel,Clean and hygienic, strong and sturdy.

Mixing tank: For mixing salt and sugar etc. to the peanut paste.Mixing evenly.

Filling machine : Can filling it in the set capacity by pneumatic control.The Filling volume can be adjusted.High purity,easy to handle.

Name	Roasting machine
Size (m)	6.8×2.4×1.4
Capacity (kg/h)	500
Working temperature	190°C
Power source	Electricity, coal, natural gas

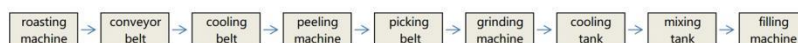
Name	conveyor belt
Size (m)	7.5X0.8x1.7
Capacity (kg/h)	500
Power(KW)	0.75

Name	cooling belt
Size (m)	4X0.8x2.2
Capacity (kg/h)	500
Power(KW)	2.2

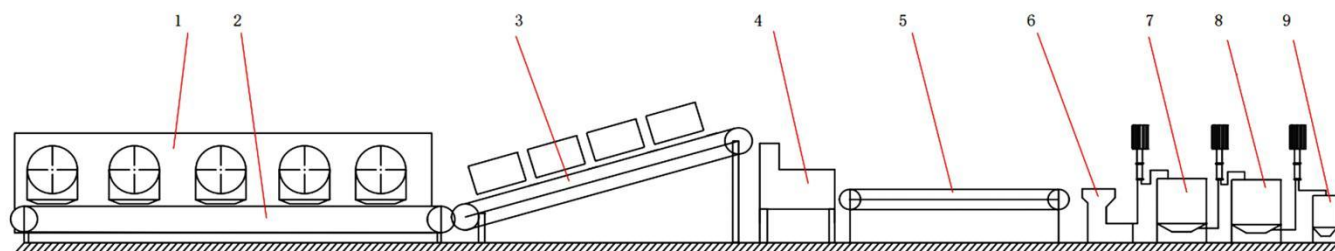
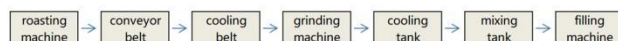
Name	peeling machine
Size (m)	1x0.4x1
Capacity (kg/h)	500
Power(KW)	1.5

Name	picking belt
Size (m)	3x0.8x2
Capacity (kg/h)	500
Power(KW)	0.75

peanut butter processing line



sesame tahini processing line



1. roasting machine 2. conveyor belt 3. cooling belt 4. peeling machine 5. picking belt 6. grinding machine 7. cooling tank 8. mixing tank 9. filling machine

Name	grinding machine
Size (m)	0.8x0.55x0.7
Capacity (kg/h)	500
Power(KW)	18.5



Name	Cooling tank
Size (m)	φ 1.3X0.8
Capacity (kg)	500
Power(KW)	0



Name	Mixing tank
Size (m)	φ 1.3X1.2
Capacity (kg)	500
Power(KW)	1.5



Name	Filling machine
Size (m)	1x0.8x0.7
Capacity (kg/h)	500
Power(KW)	1.1

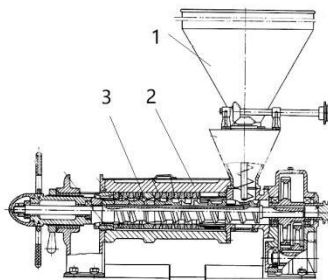


Name	Paste pump
Lift(m)	60
Capacity (m³/h)	5
Power(KW)	2.2





Automatic screw oil press								
Model	Size(mm)	Weight(kg)	Voltage(V)	Power(KW)				Capacity(kg/h)
				Oil press motor	Feeding motor	Oil filter motor	Vacuum pump	
125	1900x1500x2600	1200	380	15	1.1	1.5	1.1	100-175
150	2250x1800x2600	2000	380	22	1.1	2.2	2.2	250-350
160	2400x1860x2600	2200	380	30	1.1	2.2	2.2	300-400
218	3200x2000x2600	2800	380	45	1.1	3	3	500-750



1. feeding hopper 2.pressed cage 3. press screw

The machines with high automation with the development of more than 20 years. Adopt automatic temperature control pressing and high pressure vacuum filtration system which is the most advanced technology in the world. This equipment has integrated squeezing and adopts dual temperature control technology, which can set the corresponding squeezing chamber temperature according to different oil crops, which improve the oil yield. At the same time, the constant temperature control of the extracted crude oil is beneficial to the purification treatment of the crude oil.

The oil pressing equipment squeezes cleanly at the same time, saving labor and time, high oil output rate, low matching power, high quality and pure, and one machine for multiple purposes. It can process various unfair oil crops such as sesame, oil sunflower, peanut, rapeseed, soybean, flax and so on. The integration of oil extraction and oil refining makes the oil clear and non-foaming, non-black oil, and original flavor. This is a revolutionary breakthrough for small and medium oil presses.

Advantages:

1. have stable quality, low failure rate;
2. good after-sales service, complete accessories;
3. simple operation, automatic feeding. and automatic temperature control;

The above advantages make our equipment the first choice for all small and medium oil mills.

