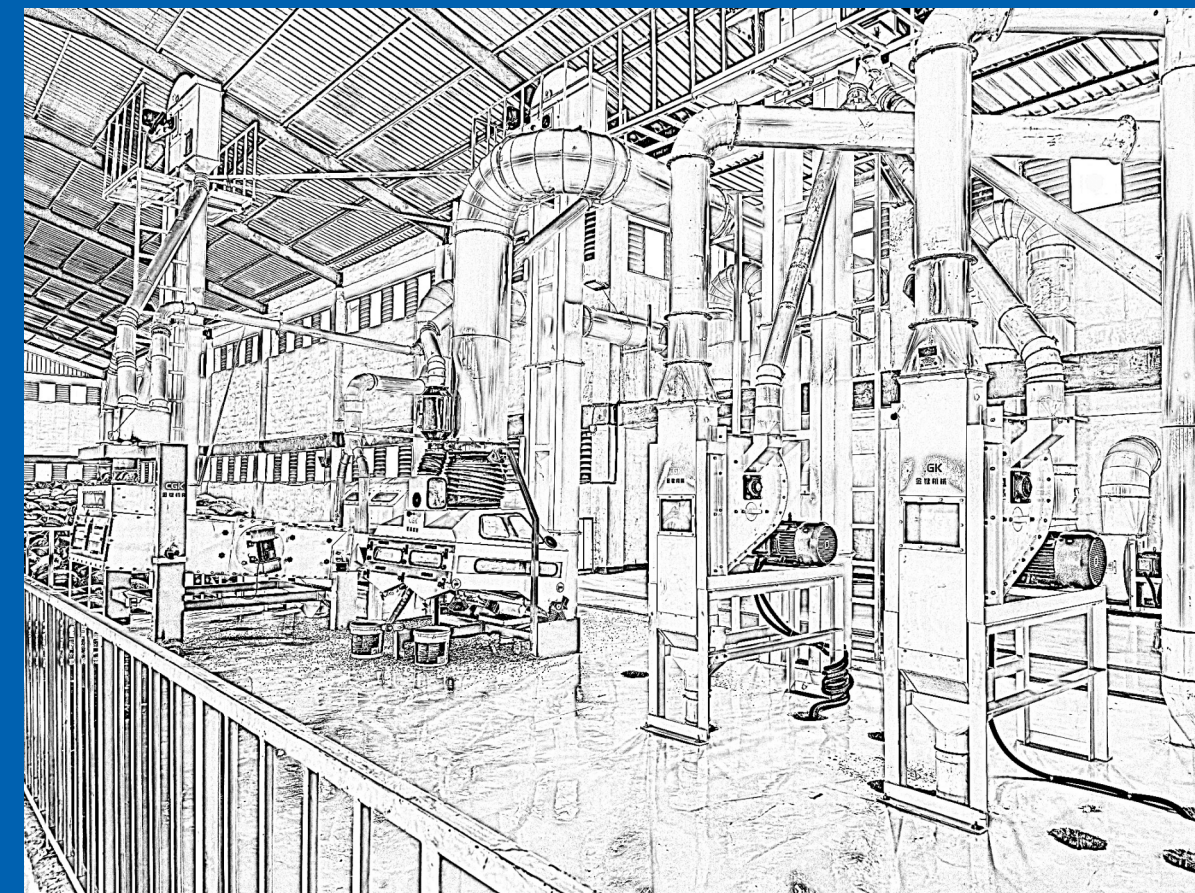
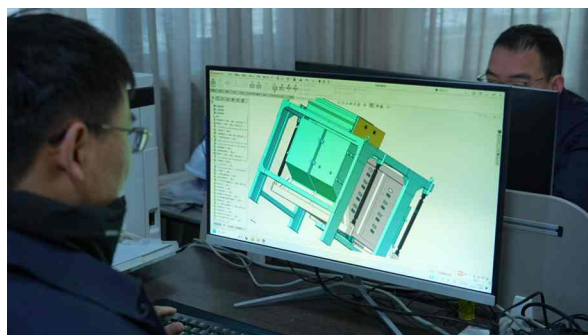




GREEN COFFEE PROCESSING FOR BOTH WASHED AND SUNDRY





With meticulous pre-sales communication, efficient and quality production process, and localized installation and after-sales guarantee, CGK Machinery Co.,Ltd. continues to move forward to Ethiopia and other East African regions. Since 2016, it has built more than 25 green coffee processing lines in Ethiopia, providing escort for leading exporters.

VIBRATION SEPARATOR

Functions:

The high-efficiency vibration separator is a high-end product designed on our company's 4.0 platform.

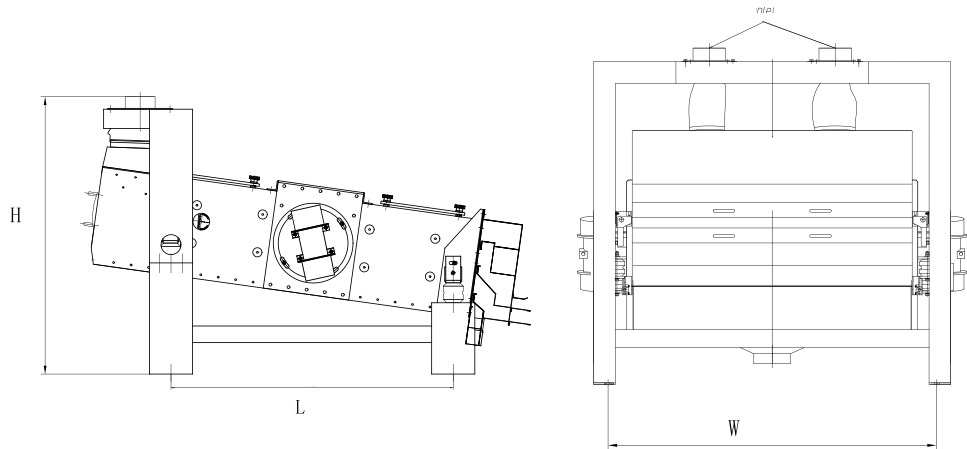
It is mainly used for cleaning purpose in grain and oil industry and raw materials storage filed, and can also be used for grading granular materials in pharmaceutical, chemical and other industries.



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Advantages :

1. Compact and sturdy structure, exquisite and beautiful appearance.
2. The stroke, throwing angle and screen surface inclination angle are all adjustable.
3. High grading efficiency, high output, low energy consumption and environment friendly.
4. Optional 2-4 layers of screens can be used for cleaning and grading
5. An optional air suction device at the inlet can effectively reduce dust and light



SPECIFICATION:

Model	Capacity	Max. Capacity	Power	Dimension(L×W×H)mm
TQLZ 100×200	<12	72	0.37*2	2382*1896*1838
TQLZ 150×200	<16	90	0.75*2	2382*2196*1838
TQLZ150×280	<18	105	0.75*2	3150*2196*2036
TQLZ 200×200	<20	120	1.1*2	2382*2696*1838
TQLZ 200×300	<28	150	1.5*2	3150*2696*2036

AIR RECYLING ASPIRATOR

Functions:

The TFXH series air recycling separator is an energy-saving air separation and dust removal equipment that uses its own fan to remove light impurities and dust from grain.

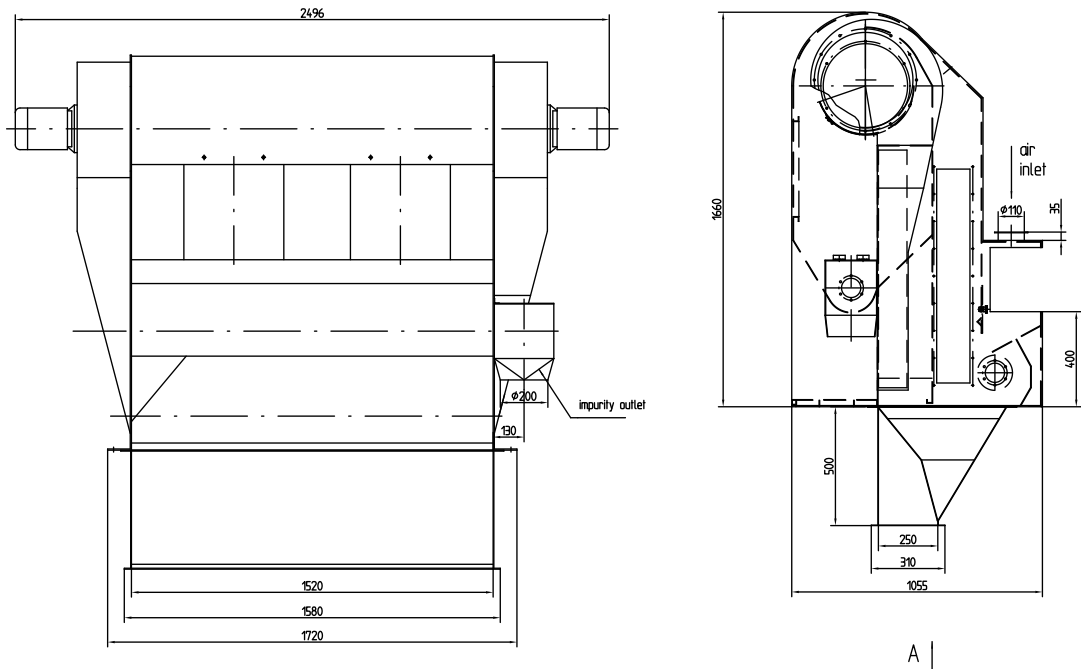
This machine is mainly used for material dust removal and light impurity removal in the warehousing industry and grain processing enterprises.



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Advantages :

- 1.Adopt double screw conveying and axial pressure door to avoid wind and discharge mechanism to prevent machine jamming and air leakage.
2. The unique feeding mechanism ensures uniform feeding without clogging.
3. Large size dust-reducing chamber enhances the dust-reducing effect.
4. Optional composite air suction inlets or superimposed vertical air suction ducts can be installed to increase the dust removal and impurity removal effect.



SPECIFICATION:

Model	Capacity T/H		Power (kw)	Weight (kg)	Dimension (LxWxH MM)
	Cleaning	Pre cleaning			
TFXH 80	12	50	2.25	490	1266*1000*1680
TFXH 100	16	65	2.25	560	1466*1000*1680
TFXH 150	24	100	3.75	710	2346*1000*1680
TFXH 200	32	130	5.15	990	2866*1000*1680
TFXH 250	40	160	5.15	1160	3266*1000*1680

DESTONER

Functions:

The TQS series destoner is a high-end product designed on our company's 3.0 platform. It separates mixed materials according to the specific gravity of granular bulk materials and the air suspension speed. Remove heavy impurities from materials, such as stones, mud, metal, etc.

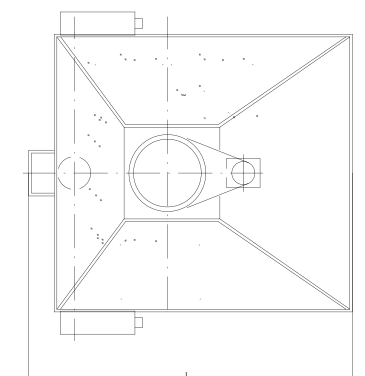
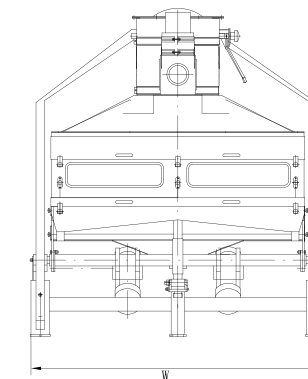
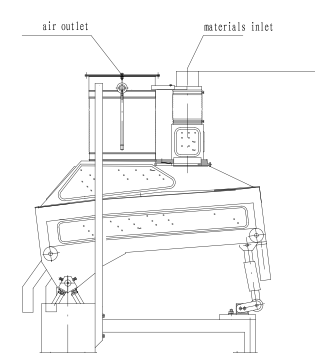
It is mainly used in the grain and oil processing and raw seeds storage industries, and often used after cleaning equipment



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Advantages :

1. Compact and sturdy structure, exquisite and beautiful appearance.
2. The stroke, throwing angle and screen surface inclination angle are all adjustable.
3. High grading and stone removal efficiency and high output.
4. Low consumption, clean and environmentally friendly.
5. Simple maintenance and easy replacement of wearing parts.
6. Double-layer screen surface with double stone removal function.
7. Optional circulating air stone removal machine can save space and reduce energy consumption.



SPECIFICATION:

Model	Screen size /cm	Dimension (LxWxH ,mm)	Power (kw)	Capacity (T/H)	Air volume m ³ /H
TQSF63	63	1450*876*1800	0.25*2	5-7	4500
TQSF80	80	1450*1046*1800	0.25*2	7-9	6000
TQSF100	100	1500*1246*1900	0.25*2	9-11	8000
TQSF125	125	1500*1496*1920	0.25*2	11-16	10200
TQSF150	150	1500*1746*1800	0.25*2	12-18	12000
TQSF180	180	1500*2046*1800	0.37*2	14-22	14000

COFFEE HULLER

Functions:

This equipment is mainly used for hulling washed coffee,After the coffee beans enter the chamber, under the rubbing and friction of the beating plate and the sieve plate, The skin is took off from the coffee kernels, passes through the sieve holes and enters the air suction duct, and the skin and kernels are separated through negative pressure suction.



Mainly used in green coffee processing industries.



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Advantages :

- 1. The one-time hulling rate is more than 90%.
- 2. The equipment rotates at low speed and the broken product rate is low.
- 3. The gap between the beating plate and the sieve plate is adjustable to handle different types of coffee beans.
- 5. Alloy rubbing plate and alloy screen plate, no need to replace when processing 8000 tons.

SPECIFICATION:

Model	Capacity(t/h)	Power(kW)	Air volume(m³/h)	Dimension(L*W*H)
CTPD-2	1.5-2	11	3000	1700*500*2150
CTPD-4	3-4	22	6000	1750*1500*2150

COFFEE POLISHER

Functions:

The hulled coffee enter the polishing chamber under the action of a propeller, and are rubbed by iron rollers and sieve plates to remove the paper skin and obtain bright coffee beans.

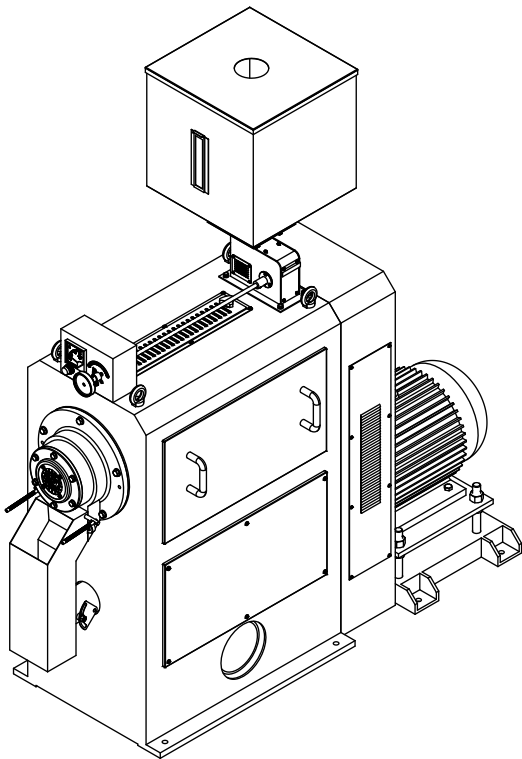
Mainly used in green coffee bean processing plants.



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Advantages :

- 1. The extended polishing roller has a larger polishing area and better polishing effect.
- 2. Optional atomized water can make the surface of coffee beans brighter.
- 3.While removing the silver skin, it does not generate heat and does not damage the coffee .



SPECIFICATION:

Item	CPGT-2500	CPGT-25*2
Capacity(t/h)	2-2.5	4-5
Air Volume(m³/h)	2500	5000
Power(kw)	22	22*2
Weight(kg)	500	950
Dimensions(mm)	1280X510X1110	1400X950X1200

VIBRATION GRADER

Functions:

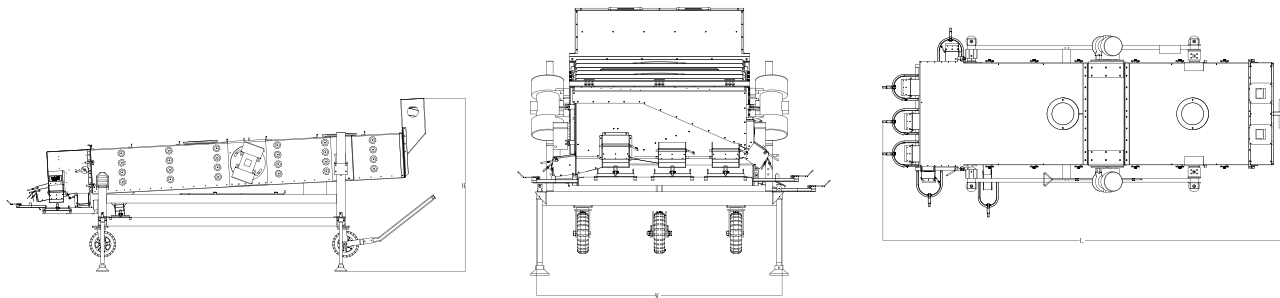
Through the vibration of the high-frequency vibration motor, the material moves up and down, the screen surface becomes tilted, and the material vibrates forward to achieve fine classification with different screen holes.

Mainly used for fine grading of coffee, soybeans, broad beans, peas, mung beans, kidney beans and other legume crops.



Advantages :

1. Self-designed 2 and 3 layer flaps, when there is no need to separate large grains, just press the handle;
2. Optional upper and lower screen boxes are connected in series or parallel to double the screening range and double the screen area to achieve ultra-fine classification. Save space at the same time;
3. Optional three-layer and four-layer screens are available to meet different material grading needs;
4. The specially designed feeding and materials spreading- up structure ensures uniform distribution of materials on each layer of screen surface;
5. The inlet and outlet adopts a hinge-turning structure, making it easy and quick to replace the screen; impurities .



SPECIFICATION:

Model	Screen size (mm)	Power (kw)	Capacity (T/H)	Weight (Kg)	Dimension (LxWxH mm)
TFJZ-5	1250*2400	1.5	7.5	1040	3500*2050*1880
TFJZ-5L	1250*3600	1.5	7.5	1360	4630*2050*2050
TFJZ-10	1500*2400	1.5	10	1160	3500*2300*1880
TFJZ-10*2	1500*2400	3	15-20	2800	4363*2375*4399
TFJZ-10*3	1500*2400	4.5	20-30	4200	4387*2549*5435

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GRAVITY SEPARATOR

Functions:

The working principle of the blowing type (positivepressure) gravity separator is that the material produces specific gravity segregation under the dual effects of aerodynamic force and vibration friction.By adjusting technical parameters such as wind pressure and vibration frequency,materials with a larger specific gravity sink to the bottom and move upwards by the friction generated by the vibrating screen surface. Materials with a smaller specific gravity are suspended on the surface and flow to lower areas by the air flow. In order to achieve the purpose of separation according to specific gravity.

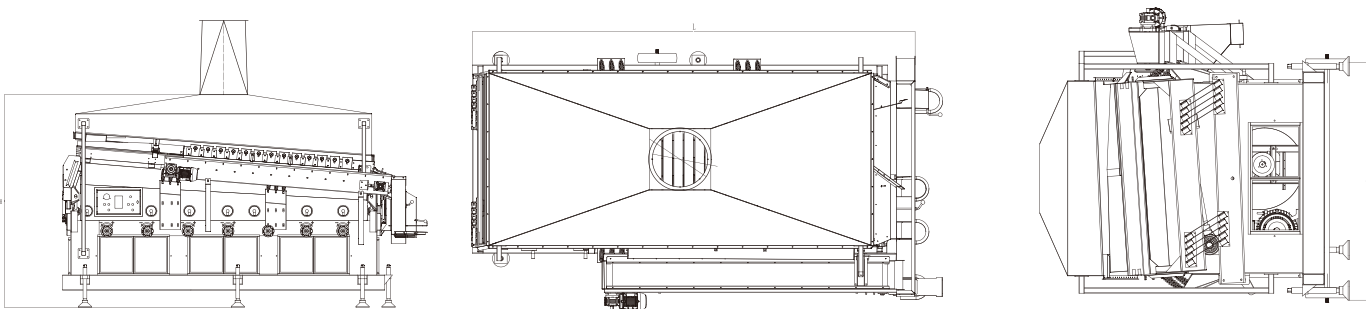
This machine can effectively remove light impurities such as immature seeds, bud seeds, insect-eaten grains, moldy grains, and smut grains in the material. It is suitable for the selective processing of wheat, corn, rice, various beans and various oil crops.



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Advantages :

1. Large output: the table is widened and lengthened, and equipped with a side grain conveyor belt, with a maximum capacity of 15 tons per hour;
2. High precision: The table vibration and air uniformity structure are strictly designed, and fine distribution at the outlet, which greatly improves the screening accuracy;
3. Stable and reliable: imported laser equipment is used to cut sheet metal parts and profile parts, and the whole machine is bolted to reduce welding deformation, accuracy and stability is improved .
4. High configuration: the countertop is made of aluminum alloy profiles to avoid cracking and deformation, and the cross-section is independently designed to be more strong but light in weight; The use of 304 stainless steel braided mesh on the countertop greatly improves the service life;
- 5.Easy to operate: Equipped with an air pressure gauge and position display, and using a rotary air adjustment handle, which is more convenient to operate than before; using a downward air inlet form, eliminating the need to clean the air inlet;
6. Convenient maintenance:The operators can quickly flip the table and centralized oil injection structure outside the bearing is adopted.Maintenance is more convenient.



SPECIFICATION:

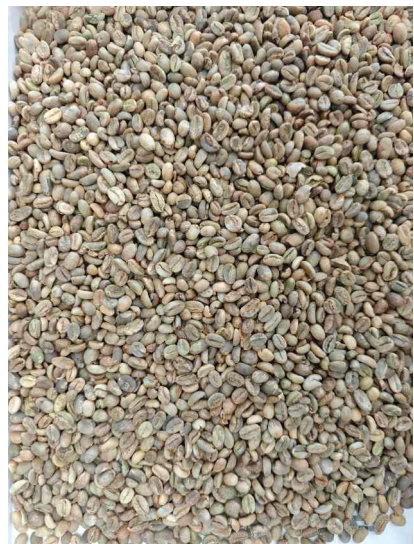
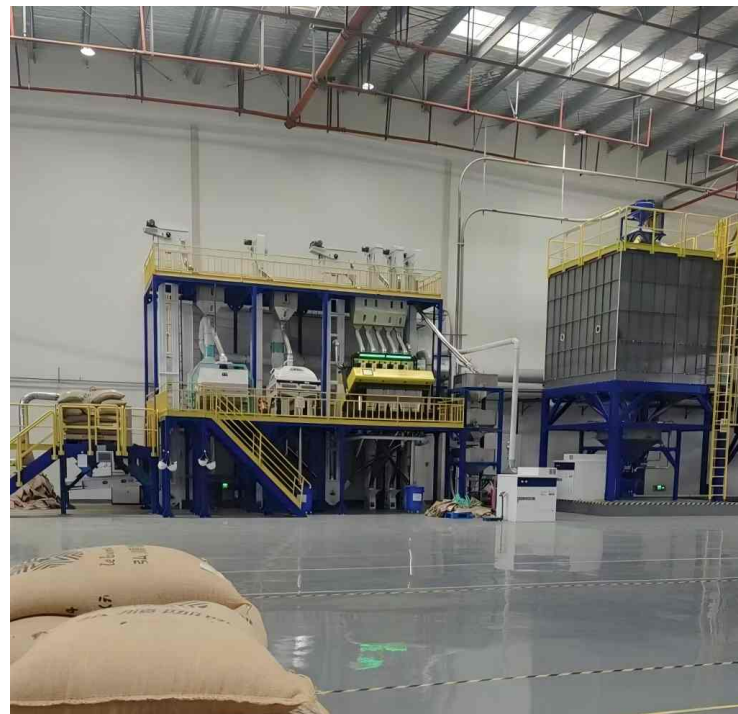
Model	Screen size (mm)	Power(kw)	Capcity(T/H)	Weight(kg)	Dimension (LxWxH, mm)
TJXB-6	1380*3150	13.2	5	1550	3870*1720*1700
TJXB-8	1380*3150	13.95	8	1680	3890*2000*1730
TJXB-15	4410*1750	24.95	15	3500	5235*2380*1900

COLOR SORTER

Functions:

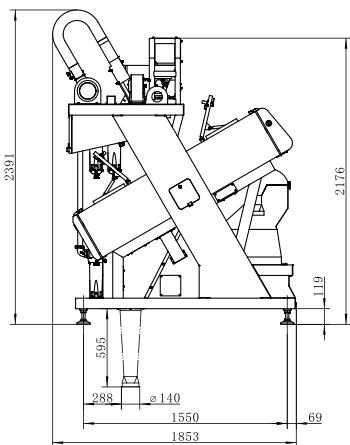
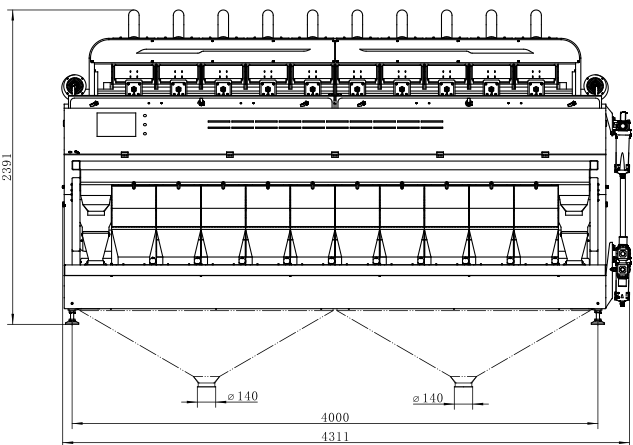
Using optical principles, the material is imaged and transmitted to the intelligent analysis system to identify materials of different colors, and the heterochromatic particles are blown out through high-pressure air.

Mainly used in grain, feed, chemical industry, mining, food and other industries.



Advantages :

1. Significantly improve the removal efficiency of mycotoxins, allergens and foreign matter;
2. Accurately identify and eliminate subtle differences in material color, shape, size, and texture to meet different material characteristics, impurities, and quality requirements;
3. The special feeding unit can still maintain a smooth and even soft landing of materials in large-volume and high-speed sorting scenarios;
4. Independent dust intelligent processing system ensures continuous and stable sorting performance under complex working conditions;
5. Equipped with a cloud control system, the processing production line becomes intelligent and unmanned;



SPECIFICATION:

model	Power consumption (Kw)	power supply(V/Hz)	Dimension L*W*H (mm)	Weight (Kg)	Capacity/input (T/h)	Accuracy (%)	Bring out ratio
H5	2.6(impurity content 10%)	220V/50Hz	2550*1760*2135	1400	3-15	≥99.99	>100:1
H7	3.5(impurity content 10%)	220V/50Hz	3230*1760*2135	1810	5-21	≥99.99	>100:1
H8	3.9(impurity content 10%)	220V/50Hz	3570*1760*2135	2030	2030	≥99.99	>100:1
H10	5(impurity content 10%)	220V/50Hz	4150*1760*2135	2900	7-30	≥99.99	>100:1
H12	5.9(impurity content 10%)	220V/50Hz	4830*1760*2135	3400	7-30	≥99.99	>100:1
H12	6.9(impurity content 10%)	220V/50HZ	4830*1760*2135	3400	7-30	≥99.99	>100:1

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HAND PICKING BELT

Functions:

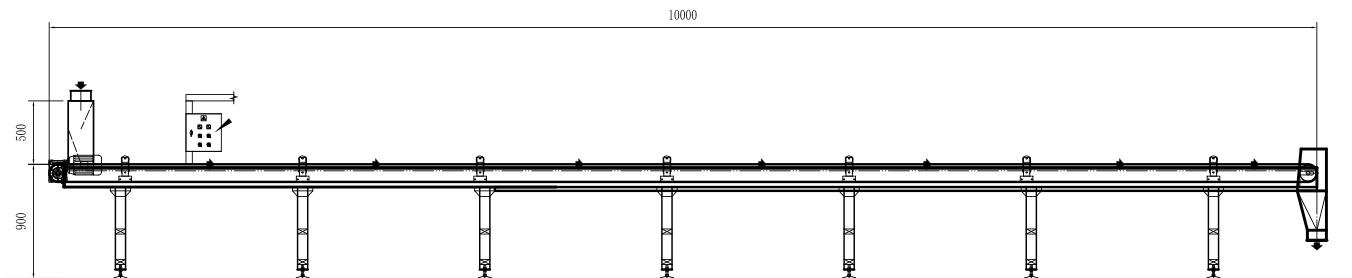
The hand picking belt is an intermittent sorting equipment with transportant and manual sorting. The materials are evenly spread on the belt to facilitate manual sorting, and then transported to the next section after sorting.

Hand picking belts are widely used in coffee , beans, food and other industries.



Advantages :

- 1. Width and length can be customized according to needs;
- 2. The feeding adopts a multi-stage leveling device to spread the materials evenly on the belt for easy sorting;
- 3. Automatic setting of feeding time and sorting time;



SPECIFICATION:

Item	TSSD400	TSSD700	TSSD900
Capacity(t/h)	5-10	10-15	15-20
Power(kw)	1.1	1.5-2.2	2.2-4
Belt size(mm)	400	700	900



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PACKING MACHINE:

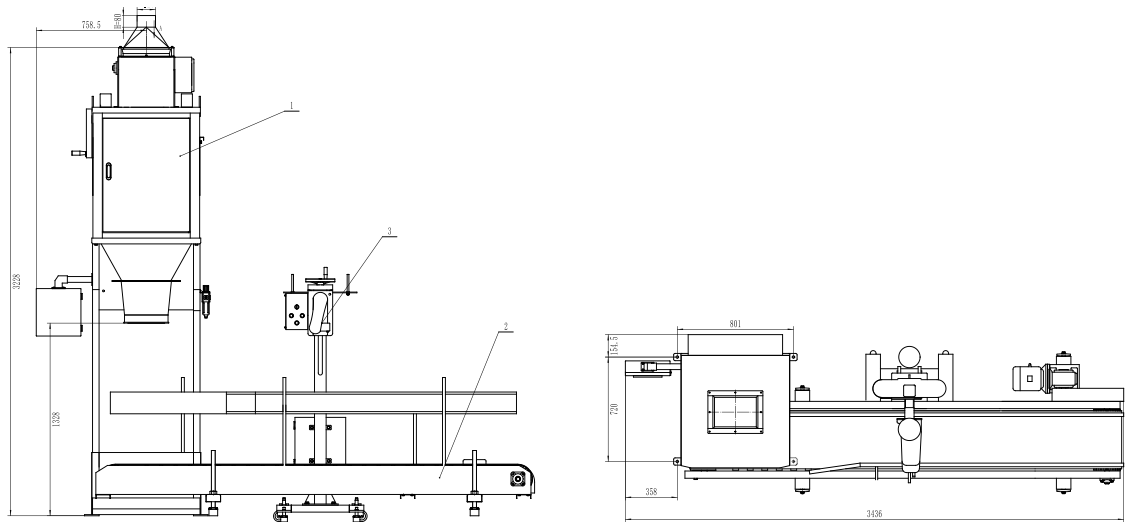
Functions:

Automatic quantitative packaging of rice, seeds, feed, cereal grains and other granule materials.



Advantages :

- 1. Weighing instrument + PLC dual-core control technology, using a three-sensor structure.
- 2. Digital intelligent automatic lifting conveyor, the conveyor can quickly switch to the appropriate position according to different packaging, and can remember the lifting height of different types.
- 3. Easy to turn, rotating column, multi-functional sealing method. For different packaging and different sealing forms, a sewing machine and a heat sealing machine that can be switched by rotation are designed, allowing users to experience a convenient and easy-to-use experience.



SPECIFICATION:

Model	DCS-25FA	DCS-25FA	DCS-100FA
Packing range	(5-25)kg	(5-25)kg	(30-70)kg
Packing speed	(200-560)bag/hour	(200-560)bag/hour	(200-400)bag/hour
Graduation value(g)	5	5	5
Weighing error	±0.1%FS	±0.1%FS	±0.1%FS
Power supply, power consumption	4N-AC380V 50Hz 1.1KW	4N-AC380V 50Hz 1.1KW	4N-AC380V 50Hz 1.3KW
Air source, air consumption	0.4-0.5MPa 1m³/h	0.4-0.5MPa 1m³/h	0.4-0.5MPa 1m³/h
The temperature of the environment	(0~40)°C	(0~40)°C	(0~40)°C
The moisture of the environment	Not exceeding 90%RH at 40°C, Allow greater humidity at low temperatures	Not exceeding 90%RH at 40°C, Allow greater humidity at low temperatures	Not exceeding 90%RH at 40°C, Allow greater humidity at low temperatures
Dimension(mm)(LxWxH)	2847x1026x2731	2847x1026x2731	2970x1036x2931

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MAGNETIC SORTER

Functions:

It is used to separate the metal impurity in the raw material,thus widely used in the grain and feed industries.

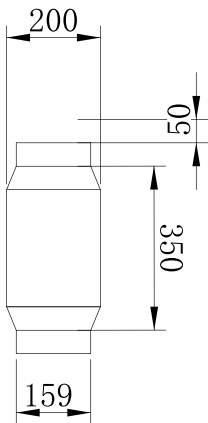
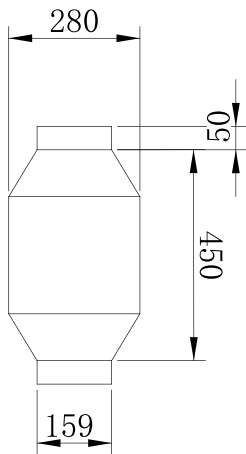
Magnet core is adopted rare earth permanentmagnet materials,magnetic strength canachieve 200~380mT.The casing of this machine is welded withstainless steel,the magnet has proper outlineand with high magnetic strength,here itscharacter is simple structure,easymanufacture and high de-iron performance.



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Advantages :

- 1 Mild or stainless steel.
- 2 Simple structure.
- 3 High iron separation performance.
- 4 Maximum separation.
- 5 Dust tight enclosed unit.
- 6 Easy maintenance and cleaning.



SPECIFICATION:

Type	TCXT-12	TCXT-15	TCXT-20	TCXT-25	TCXT-30	TCXT-60
Capacity						
Powder r=0.5	5	10	20	35	45	160
Granular r=0.75	8	15	30	50	70	250
Weight(kg)	15	50	65	100	150	270
Magnetic induction intensity	≥200mT(2500Gs)					
Efficiency(%)	≥99%					



Bulk loading machine:

Use high pressure air to blow bulk coffee into the container. It takes about 50 minutes to fill a 20-foot container. Save time and effort, low noise. Can be moved to any place for work. The delivery pipeline can be disassembled and assembled together when needed. Save space.

Belt conveyor:

Specially designed for coffee export in sacks. The belt width is suitable for the size of the sacks. The belt has an anti-slip design. It prevents the sacks from falling back during upward transportation. Only a small number of workers are needed to complete the loading of the container. Save time and effort.



Diesel generator:

Customers who are troubled by frequent power outages can choose this equipment. We can provide generator sets that are match for the power consumption of the production line. We can provide diesel engines and generators of world famous brands or made in China. Customers can make requests so that we can purchase and ship them together.



Transformer:

Single transformer or substation can be provided. Customers need to provide parameters and drawings from EEU. Supplier will manufacture according to this and ship with other goods.



Weighing bridge:

Whether it is raw grain or finished product for export, it can be weighed on this equipment. The size of the equipment is 3x18 meters, and the weighing range is 100 tons. Customers need to reserve a good position. Also consider the turning radius of the normal truck or container truck.



Portable sewing machine/ Digital scale:

When there is a power outage, the following equipment can be used for temporary weighing and packaging.



SUCCESS CASES:



CUSTOMER (Arranged by the year the production line was built)	PLANT CAPACITY	PLANT LOCATION
SMS PLC	2 SETS 5TPH	Haile garment
G.H.T.Y TRADING PLC	1 SET 5TPH	GELAN
ORCHID BUSINESS GROUP PLC	1 SETS 5TPH	SHIROMEDA
BERHE HAGOS	1 SETS 10TPH	KALITY
DAREMA TRADING PLC	1 SET 5TPH	KOYE FECHE
TROPICAL COFFEE	1 SET 5TPH	KALITY
HORTU COFFEE	1 SET 5TPH	ALEM GENA
GREEN GOLD PLC	1 SET 5TPH	KALITY
COFFEE NET PLC	1 SET 10-12TPH	DUKEM
NEW FLOWER TRADING PLC	1 SET 10TPH	GELAN
AMG COFFEE EXPORTER	1 SET 10TPH	GELAN
ROMEL GENERAL TRADING PLC	1 SET 10TPH	GELAN
MAF BUSINESS GROUP	1 SET 10TPH	KALITY
GLORY TRADING PLC	1 SET 10TPH	KALITY
FAHEM COFFEE	3 SETS 5TPH	ADDIS ,JIMMA
VELOX TRADING PLC	1 SET 5TPH	ALEM GENA
BKT TRADING PLC	1 SET 10TPH	KALITY
Azmera Mesfin T/haimanot	1 SET 10TPH	ALEM GENA
SOAL COFFEE	1 SET 10TPH	KALITY

WORKING FLOW

1. Local agent go to check the warehouse building firstly. to know the length, width and height of it. make a rough plan on site, explain the location of the production line to the customer, and inform the customer of precautions.



3. A quotation together with a detailed list will be presented to the buyer so that the customer can review the specific scope of supply and give feedback to see if there is a need to add or delete equipment.



5. After the buyer receives the goods, the specific installation time is agreed. We have a mature local installation team. We have installed more than 20 projects. We have greatly utilized the advantage of language barrier-free communication. We have received unanimous praise from customers. The installation time is generally 50 days. The specific cost needs to be discussed with the local team and settled in local currency.



2. After collecting enough data from the site, A rough design will be made by manufacturer. We will place the equipment on the customer's plant drawing. then waiting for customers' confirmation. If the customer gives us suggestions, we will make further revisions.



4. The two parties finalize the final price and sign the contract. The buyer pays a certain amount of deposit, and the seller starts the specific design. After receiving the customer's LC, production can be carried out directly, and it usually takes 40 days to deliver. (The reason for collecting a deposit is that design work also takes time. We want to complete the design work before the LC is issued. In this way, the production time will be greatly shortened.)



6. After-sales service: We provide a 2-year warranty after installation. During the warranty period, all accessories will be replaced and repaired free of charge. Installation is not the end of sales. Service is endless. If a problem occurs during the operation of the equipment and cannot be solved, you can call the local team. They will come to solve the problem within 2 days.