



MAIN FEATURES

Flexible and efficient heat source

Multiple heat supply is available. To minimize the environment burden, this machine adopts the technology of low temperature fully drying, and the technology of maximum heat even blend, circular drying temp is around 40-60C)

To minimize the broken rate, ensure the products in good condition tempering for a long time. Thus, production costs will also be reduced at most.

Easy to operate with high degree of automation.

A full touch screen(HMI)with excellent clear display is adopted. and there are automatic and manual modes for customers to choose.

The machine is with the multi-point safety interlock device.



SK nylon bucket



NSK bearing



CRF HT blower



Siemens motor



TECHNICAL SPECIFICATION

Model	5H-10	5H-12	5H-15	5H-20	5H-25	5H-30	
Capacity (T)	5 ~ 10	5 ~ 10	5 ~ 15	7 ~ 20	10 ~ 25	10 ~ 30	
Power (KW)	8.5	8.5	9.2	13.15	20.35	20.35	
Air intake (m ² / h)	10000~ 14000	10000 ~ 14000	10000 ~14000	12500 ~ 14000	20000 ~ 25000	20000~ 25000	
Dimension (L*W*H)mm	underneath packing auger	2175x3590x10435	2175x3590x11045	2175x3590x12265	3525x4440x12500	3525x4440x13500	3525x4440x14720
	call off underneath packing auger	3045x3095x11530	3045x3095x12140	3045x3095x13360	4215x4440x13560	4215x4440x14560	4215x4440x15780
Net Weight (T)	2.3	2.5	3.0	4.0	4.5	5.0	
Energy consumption (W kal/h)	13~15	13~15	13~15	20~25	20~25	30~35	
feeding time(min)	50~60	50~60	50~65	50~65	50~65	50~70	
discharging time(min)	50~65	50~65	50~70	50~70	50~70	50~75	
percent of moisture removed (%/h)	0.5~1	0.5~1	0.5~1	0.5~1	0.5~1	0.5~1	
Fuel	husk;straw;wood;peanut stalk;corn cob(stalk) and other waste biomass						
	Coal,diesel,kerosene,natural gas,steam,etc						
Safety Device	Thermal relay,Air pressure switch, Full quality alarm,Timer ON/OFF, Control fuse,Overload protection device,Temperature sensor,Abnormal overheating						



GKF delivery blower



SS auger



tempering layer
SPCC1 2-1 5mm



SS hopper



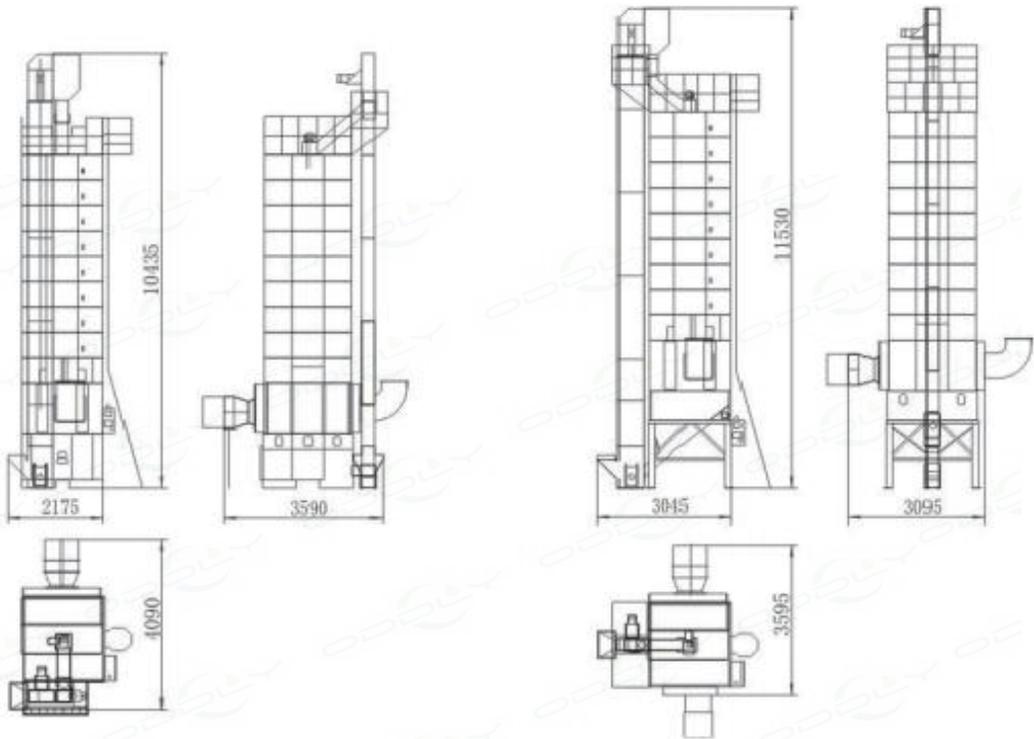
KT-DSY moisture



Siemens PLC electrical system



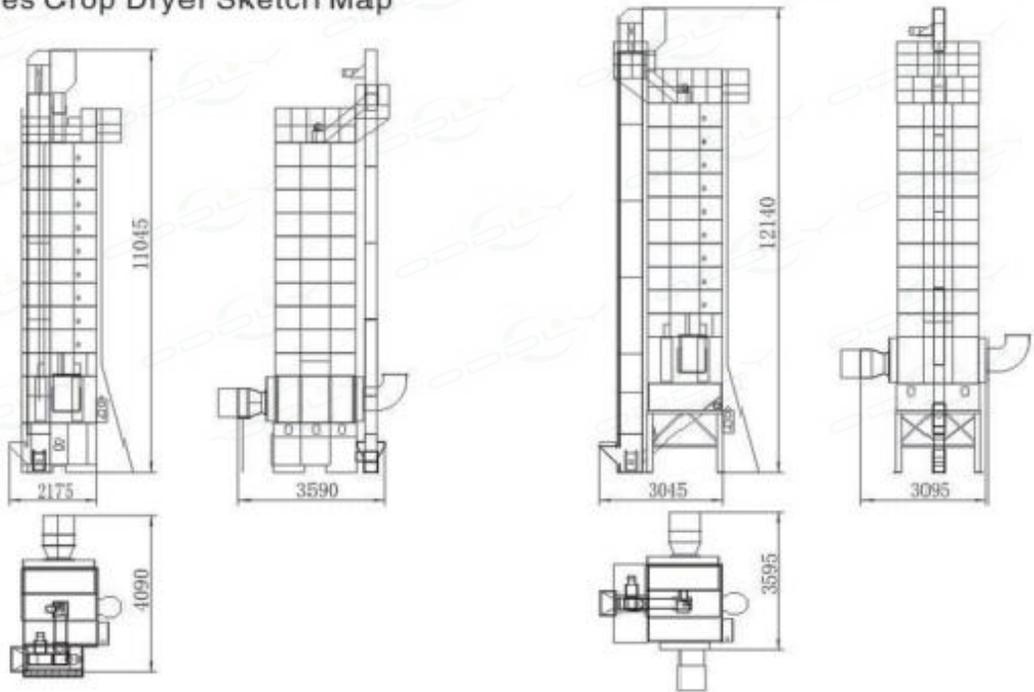
1、5H-10 Series Crop Dryer Sketch Map



5H-10 Crop Dryer(underneath packing auger)

5H-10 Crop Dryer(call off underneath packing auger)

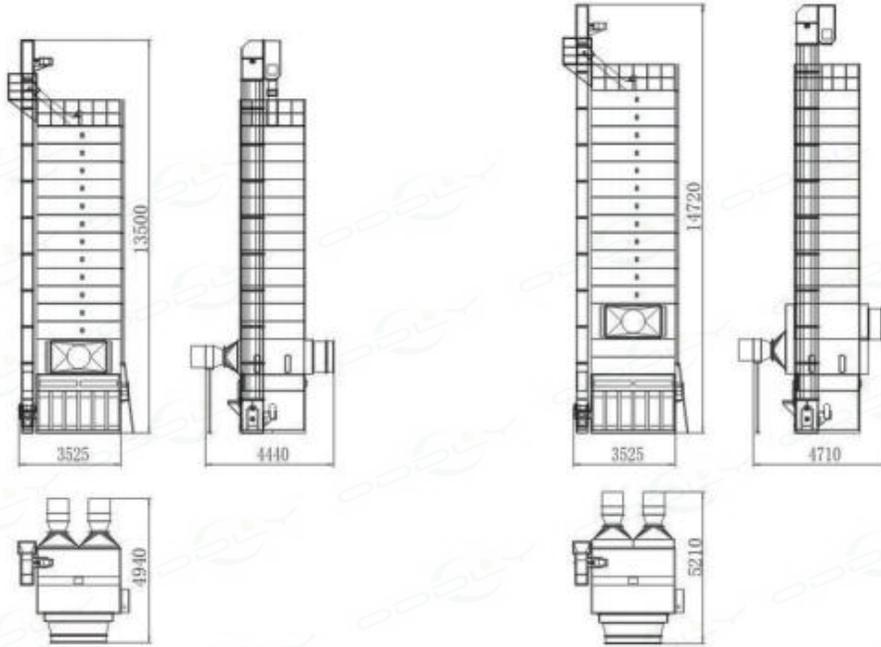
2、5H-12 Series Crop Dryer Sketch Map



5H-12 Crop Dryer(underneath packing auger)

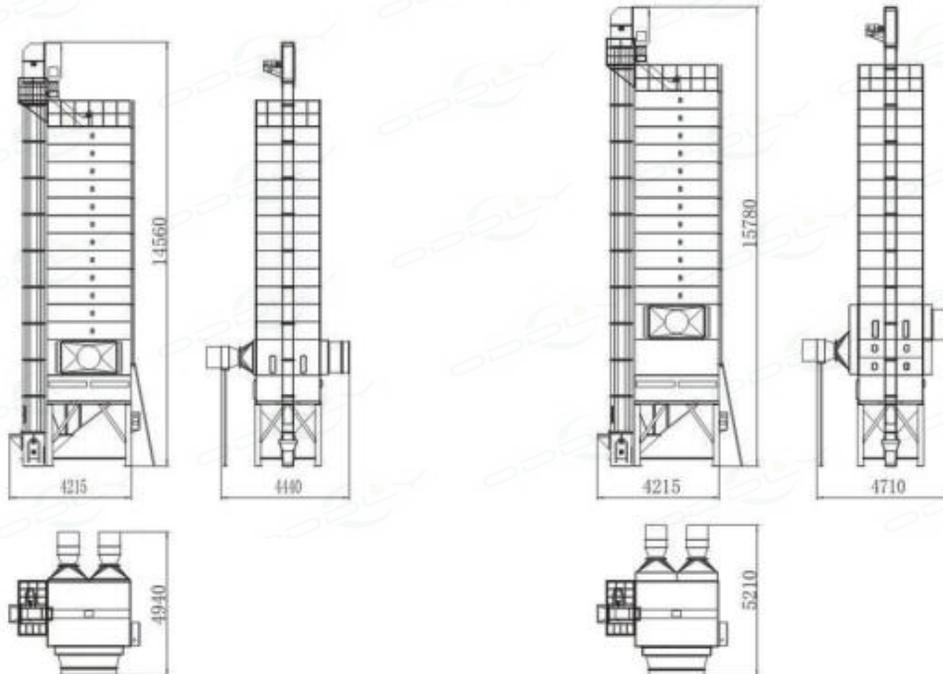
5H-12 Crop Dryer(call off underneath packing auger)

4. 5H-25 Series Crop Dryer Sketch Map



5H-25 Crop Dryer(underneath packing auger)

5H-25 Efficient Crop Dryer(underneath packing auger)

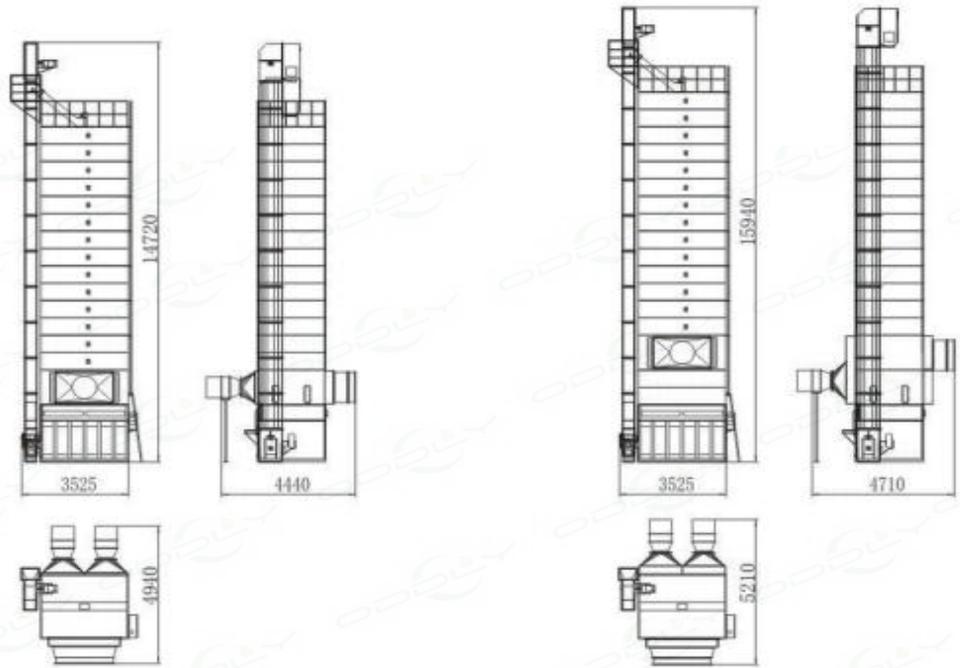


5H-25 Crop Dryer(call off underneath packing auger)

5H-25 Efficient Crop Dryer(call off underneath packing auger)

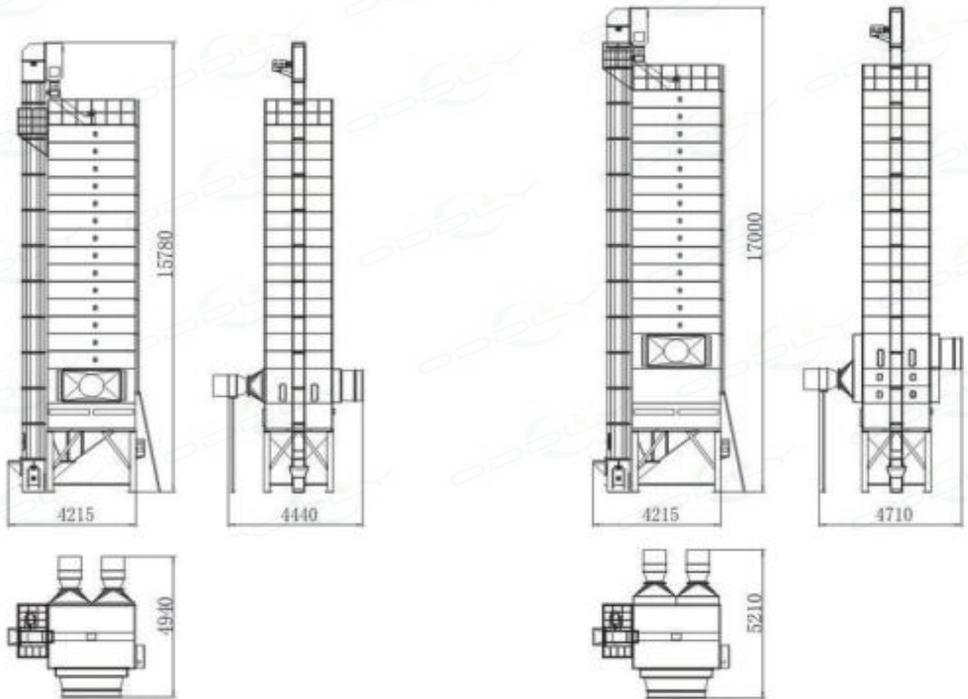


5、5H-30 Series Crop Dryer Sketch Map



5H-30 Crop Dryer(underneath packing auger)

5H-30 Efficient Crop Dryer(underneath packing auger)



5H-30 Crop Dryer(call off underneath packing auger)

5H-30 Efficient Crop Dryer(call off underneath packing auger)

SUCTION TYPE GRAVITY DSTONER

Main Features:

- ◆ Unique selection chamber to separate stones from grain, especially effective for brown rice.
- ◆ Unique sieve structure to save power.
- ◆ Negative pressure air suction to prevent dust from escaping the machine.



Technical Specification

Model	Capacity	Power	Air volume	Weight	Inner resistance	Dimension
TQXS85B	3.5-4.5t/h	0.75KW	3200-3400m ³ /H	340kg	50mmH ₂ O	1520x1050x2200mm
TQXS100B	5-6.5t/h	0.75KW	3800-4100m ³ /H	380kg	50mmH ₂ O	1520x1190x2200mm
TQXS125A	7-8.5t/h	1.1KW	4800-5200m ³ /H	400kg	50mmH ₂ O	1520x1375x2065mm
TQXS168	10-12t/h	1.5KW	7500-7800m ³ /H	510kg	50mmH ₂ O	1550x1380x2370mm

SUCTION TYPE VIBRATING DESTONER

Main Features:



The machine uses dual vibration motor as the vibration source, so the amplitude of vibration can be adjustable, the structural design is more reasonable; No dust outside, sturdy and durable, which is easy to disassemble, maintain and clean.

The exterior design uses a new industrial design concept, unique and featured structure and suction hood structure, making its air volume more economical and the effect of stone remover more reliable.

The inclination angle of destoner plate is within the range of 10-14 degrees, which is adjustable, and able to remove the side stones from different kinds of raw grains.

Intelligent control system: Advanced LCD intelligent touch screen is taken as the control interface: Automatic power on when incoming material, automatic power off when halting material.

Technical Specification

Model	Capacity	Power	Air volume	Weight	Dimension
TQZS125	7-9t/h	0.75KW	4800-5200m ³ /H	400kg	1840x1600x2300mm
TQZS170	10-13t/h	0.75KW	9000-10800m ³ /H	850kg	2100x1950x2500mm
TQZS200	13-15t/h	1.1KW	11000-12600m ³ /H	890kg	2450x1920x2500mm





Main Features

- ◆ Automatic controls the motion sequence of equipments to realize tightening rollers when paddy feeding and loosening it when no feeding, it is convenience in operation.
- ◆ Lineal control of tightening pressure between rolls with barometer, digital regulated display of feeding volume, it is easy and simple in adjustment.
- ◆ Use so vibration feeding, loog feeding chute enable, can get big capacity, low broken, high efficiency.
- ◆ Use synchronous belt transmission and no gear box, low noise and none oil leak, be good for rice cleanness.
- ◆ Firstly witnesses doublesupported prop structure with smooth transmission and stable performance
- ◆ Rubber roll's opening and closing stable.

Technical Specification

Model	Capacity (t/h)		Power	Air volume	Rubber roller size (O*L)mm	Weight (kg)
	Medium /long grain	Short grain				
MLGP25C	3--5	5--6	7.5KW	3400-3700m ³ /min	254x254	900kg
MLGP36B	5--7	6--9	11KW	4000-4500m ³ /min	225x356	1000kg
MLGP51B	6--9	8--11	15KW	6800-7400m ³ /min	254x508	1300kg





Main Features

Intelligent control: adopting the Siemens LOGO automatic control system

High efficiency and environmental protection: adopt double tooth synchronous belt drive The long shed plate is adopted to accelerate the rectification, with high peeling rate and low roughness.

No oil leakage and low noise.

Two machine head symmetrical arrangement, noval structure, small area.

Technical Specification

Model	Capacity (t/h)		Power (KW)	Air volume (m ³ /min)	Rubber roller size (O*L)mm	Weight (kg)
	Medium /long grain	Short grain				
MLGP25C+MK XF25	3--5	5--6	7.5+4+0.37	800-1200	254x254	1550
MLGP25C*2	7--10	9--12	2*7.5	5500-6000	254x254	1900
MLGP36B*2	10--14	12--16	2*11	6000-6500	225x356	2000
MLGP51B*2	12--18	16--22	2*15	7000-8000	254x508	2600

Equipped with optimized stainless steel convex sieve, good separation effect, durable and less chaff accumulated.

Automatically start up when the material comes and stop when there is no material. Intelligent touch screen control system can also be upgraded;

Equipped with speed regulation device, strong adaptability, slow start and stable mechanical properties. The bearing rotation structure adopted by the Type B has been awarded the national invention patent, and the separation effect is excellent.



Type B is equipped with energy-saving power system, which saves energy significantly.

Model	Capacity Indica rice	Capacity Japonica rice	Power	Weight	Dimension
MGZC60X16X2	4.5-5.5t/h	5.5-6.5t/h	4KW	1350kg	1980x1780x2100mm
MGZC60X20X2	6.0-8t/h	7.0-9.0t/h	4KW	1450kg	1980x1780x2250mm
MGZC60BX20X2	9-10t/h	10-12t/h	5.5K	2050kg	2420x2130x2500mm
MGZC80BX20X2	10-12t/h	12-15t/h	7.5K	2850kg	2800x2130x2400mm



Higher position of sieve plate to reduce clogging.

Enforced transmission system design makes better mechanism performance.

Unique speed adjustment and feeding diving division devices enhance stability

Technical Specification

Model	Output of brown rice	Power	Weight	Dimension
MGZC100x8B	2.2-2.8t/h	Y100L-6-1.5KW	550kg	1700x1350x1550mm
MGZC100x12C	3.3-4.2t/h	Y100L-6-1.5KW	700kg	1700x1350x1700mm
MGZC100x14CB	3.8-5t/h	Y100L-6-1.5KW	850kg	1700x1350x1550mm
MGZC100x16C	4.5-5.5t/h	Y110L-6-1.5KW	950kg	1700x1350x1820mm



Main Feature

Screw feeding system,white uniformity and broken less. Wringer auxiliary feeding,feed stable, not affected by volatility air volume.

Vertical milling and whitening chamber to distribute evenly friction and abrasion.

Strong aspiration to enable lower rice temperature and higher power efficiency.

According to customer's production technological effect, feed port and discharge port can be exchanged. Intelligent matching: a. Touch screen control;b.Flow automatic adjustment;c.Auto anti-block control.



Model	Output	Power			Size	Weight
MNLS3000	2-3.5t/h	37KW	Feed roller motor:1.5KW	Air fan motor:2.2KW	1430x1390x1920mm	1310kg
MNLS6500A	5-8t/h	37-55KW	Feed roller motor:1.5KW	Air fan motor:2.2KW	1560x1470x2250mm	1610kg
MNLS9000A	9-12t/h	75-90KW	Feed roller motor:3.0KW	Feed roller motor:2.2KW	2000x1600x2300mm	2780kg

Main Feature

- ◆Applying rice milling technology with big and high speed of air flow,it makes big capacity, low rice temperature and less broken rice.
- ◆Even husking and strong productive capacity.
- ◆Imported components, durable in use.
- ◆Current and negative pressure indication,easy to operate.
- ◆Wear parts made wit advanced manufacturing technology, long service life.



Model	Output	Power	Size	Weight
MNML40	4-6t/h	37-45KW	1450x1150x2080mm	1500kg
MNML46	6-8t/h	55KW	1620x1180x2180mm	1700kg
MNML51	8-10t/h	55KW	2100x1350x2400mm	2100kg





Main Feature

- ◆ The combined whiteners can reduce elevators for the structure of the downward entering and upward existing. Screw can ensure the truster to largely promote the output.
 - ◆ Spraying and suction combining is efficient to prevent the bran chaff.
 - ◆ High output, less broken; Fine milling process with water device have polishing efficiency.
 - ◆ Brand name components configuration, durability, safety and reliability.
 - ◆ Configuration of beside machine switch, Intelligent adjust indicator and depression meter indicator.
- According to the predetermined limit on the main motor, electricly control the entering screw is on or off, avoid the milling machine room jam to protect the main motor..

Technical Specification

Model	Output	Power		Air volume	Size	Weight
MNLT21	4-6t/h	37-45KW	Feed roller motor:1.5KW Air fan motor:2.2KW	40m ³ /min	1430x1390x1920mm	1310kg
MNLT26B	7-10t/h	45-55KW	Feed roller motor:1.5KW Air fan motor:2.2KW	50m ³ /min	1560x1470x2150mm	1770kg
MNLT28A	9-12t/h	55-75KW	Feed roller motor:1.5KW Air fan motor:2.2KW	50m ³ /min	1560x1470x2250mm	1850kg
MNLT30	10-14t/h	75-90KW	Feed roller motor:3.0KW Air fan motor:2.2KW	50m ³ /min	1880x1590x2330mm	2280kg



Horizontal Air Blowing Single Roller Rice Whitener

Main Feature

- ◆ Long roll milling, rice be more smooth and shining, whole rice rate is higher.
- ◆ Versatile to process long rice or round rice.
- ◆ Using the outer fan medium voltage convulsions, additional air from the spindle two ends and feeding port, low temperature, less broken rice and chaff rate is low.



Model	Capacity	Power	Air volume	Inner resistance	Weight	Dimension
MNWS18F	2-3.5t/h	18.5-22KW	1500-2000m ³ /H	200mmH ₂ O	700kg	2000x690x1860mm
MNWS21.5F	3-6t/h	30-37KW	2000m ³ /H	200mmH ₂ O	1000kg	2050x700x1930mm
MNWS30D	4.5-8.5t/h	37-55KW	2500-3000m ³ /H	200mmH ₂ O	1200kg	2380x770x2170mm

Air Blowing Double Roller Rice Whitener

Main Feature

- ◆ Product features , Long roll milling, rice be more smooth and shining.
- ◆ Long roll milling, rice be more smooth and shining , whole rice rate is higher.
- ◆ Parallel roller design, separate bran collectors and independent airflow adjustments, which facilitates stable and flow in both milling chambers.
- ◆ Using the outer fan medium voltage convulsions, additional air from the spindle two ends and feeding port, low temperature, less broken rice and chaff rate is low.
- ◆ Rice exiting adopts drip graded plate and rice bran second separated device, can effectively cool and purification of rice.



Model	Capacity	Power	Air volume	Inner resistance	Dimension	Weight (kg)
MNWS18Fx2	2x2-3t/h	2x18.5-22KW	2000-3000m ³ /H	200mmH ₂ O	2070x1050x2000mm	1150
MNWS21.5Fx2	2x3-4t/h	2x30-37KW	3000-4000m ³ /H	200mmH ₂ O	2070x1100x2000mm	1250
MNWS30Fx2	2x5-6t/h	2x30-45KW	4000-5000m ³ /H	200mmH ₂ O	2250x1250x2160mm	1680



Main Features

Super long polishing roll polishing to make the rice surface even more smooth and smooth, crystal clear, hand feeling slippery, rice fresh.

The multi-point high pressure air is sprayed with water to promote the formation of bright gelatin layer on the rice surface and prolong the shelf life of rice.

Equipped with an automatic thermostatic spray water device, it can handle different climates.

Equipped with intelligent operating system, the target current can be set according to the output, automatic startup, automatic shutdown, automatic control of water and easy operation.

The electric appliances are built in, and all wires, cables and water pipes are used in the dark line, which is more beautiful, less electric control cabinet, and the cost of labor is also saved.

Using the mobile water tank, it is more suitable for northeast winter use.

Adopt the company special electronic negative pressure watch, the display is more direct, also more accurate.

Adopt quick change pulley drive, undamaged bearing, easy to maintain. Low noise, small area, convenient installation.

It is painted to make it look more beautiful and durable.

Technical Specification

Model	Output	Power		Air volume	Water	Size	Weight
MPHG19C*2	4-7t/h	55-75KW	Air fan motor: 15KW	3500-4000m ³ /min	0.25-0.3Mpa	2030x150x2270mm	1760kg
MPHG22C*2	6-10t/h	75KW	Air fan motor: 18.5KW	4000-4500m ³ /min	0.25-0.3Mpa	2370x1820x2040mm	2500kg
MPHG158*2	6-9t/h	2*45-55KW	Air fan motor: 18.5KW	4000-5000m ³ /min	0.25-0.3Mpa	2520x1350x2110mm	31000kg
MPHG188S*2	9-14t/h	2*55-75KW	Air fan motor: 18.5KW	4000-4500m ³ /min	0.25-0.3Mpa	2830x1660x2300mm	3550kg
OY-G7B	4-8t/h	2*37-45KW	Air fan motor: 15KW	3500-4000m ³ /min	0.25-0.3Mpa	2250x1180x2180mm	2350kg
OY-G12A	6-10t/h	2*45-55KW	Air fan motor: 18.5KW	4000-5000m ³ /min	0.25-0.3Mpa	2300x1180x2180mm	2850kg

Product Application

MJP Series machines are used to grade rice into different levels for rice processing through the rotating on the sieves. rice is automatically graded into different rates, according to the shapes of rice.



These machines are greatly commended in market for its tight structure, stable function, easy operating and more over, the front panel can be taken off so that it is very convenient for cleaning. The production of special head rice is greatly increased because of the adoption of new technology.

Features

The machine will Separates rice into different levels according to its size of granules.

The advantage of this kind of machine are :

- 1, Easy to clean the bran inside the macine
- 2, Smooth running ,high efficiency, simple to operation and maintain.
- 3, Double grading the whole rice ,improved the whole rice sorting rate.

Technical Specification

Model	Weight(kg)	Size(mm)	Capacity(kg/h)	Power (kw)
MMJP63*3	415	1462x740x1280	800-1250	0.75
MMJP80*3	520	1600x1000x1315	1500-2000	1.1
MMJP100*3	615	1690x1090x1386	2500-3300	1.1
MMJP100*4	650	1690x1087x1420	2500-3500	1.1
MMJP112*3	660	1690x1208x1386	3500-4200	1.1
MMJP112*4	680	1690x1208x1420	3500-4500	1.1
MMJP125*3	700	1690x1458x1386	4500-5000	1.5
MMJP125*4	725	1690x1457x1420	4500-5200	1.5

Main Features

Used for selection of the broken rice.

Flexible adjustments according to yield and selection requirements.

Free control of head rice rate.

Protecting the surface of rice.



Technical Specification

Model	Capacity	Power	Weight	Dimension
MJXT42X1	0.8-0.8t/h	0.75KW	350kg	2760x600x1260mm
MJXT42BLX2	1.4-2.0t/h	0.75KW*2	660kg	2760x600x1440mm
MJXT42BLX3	2.6-3.0t/h	0.75KW*3	940kg	2780x600x2480mm
MJXT42CLX2	1.6-2.5t/h	0.75KW*3	940kg	3080x600x2620mm
MJXT71BLX2	4-5t/h	2.2KW*2	1600kg	3760x960x2710mm
MJXT71CLX2	3-3.5t/h	2.2KW*2	1600kg	4350x960x2390mm
MJXT71X1	2-2.5t/h	2.2KW	900kg	3740x960x1350mm

Belt conveyor



Main Features

- ◆ Suitable for all kinds of streamlined production of bulk and package's logistics transportation with good stable performance, safe dependability and easy operation.
- ◆ Transportation capability is strong, transportation distance is far the simple structure and easy maintenance, low energy consumption, and low cost of usage.
- ◆ It is convenient to operate procedure control and automation, and also can go and down transportation.

Model	TDTG40	TDTG50	TDTG65
Output rice(T/H)	20-30	30-35	40-60
Power KW	≤8m, 1.1kw 8-12m, 1.5kw 12-20m, 2.2kw	≤6m, 1.1kw 6-10m, 1.5kw 10-15m, 2.2kw 15-20m, 3kw 20-30m, 4kw	≤10m, 2.2kw 10-15m, 3kw 15-20m, 4kw 20-30m, 5.5kw



Main Feature

- ◆ Low speed elevation to avoid broken
- ◆ Autotightening bucket belts.
- ◆ Convenient cleaning of base.

Model	SEC-6S	SEC-7S	SEC-8S	SEC-10S	SEC-12S
Output rice(T/H)	6--8	9--12	12--18	27--35	40--50
Power KW	1.1-1.5	1.5-2.2	2.2-3	4--11	4--11



Ultra low speed elevator

Model	TDTG20/15 A	TDTG20/13 double	TDTG26/18D	TDTG30/23	TDTG30/26
Diameter (mm)	Φ200	Φ200	Φ260	Φ300	Φ400
Output Paddy (t/h)	4.5-5.5	10--12	9--11	15-18	18--42
Linear Velocity (m/s)	1.34	1.37	1.5	2.05	2.7
Max Lifting height(m)	15	15	17	20	25
Power(KW)	1.1-1.5	1.1-1.5	2.2	3--4	4-7.5



TDTG Low speed elevator

Model	Head diameter (mm)	Output(t/h)	Linear velocity (m/s)	Max lifting height (m)
TDTG 80/56	800	200(paddy) 300(wheat)	1.8-3.3	50
TDTG 40/28	400	40-50(paddy)	2.7	25
TDTG50/33	500	50-60(paddy)	2.5	35
TDTG 60/47	600	60-80(paddy)	2.5 (dry grain) 2.1(wei grain)	45



Output Bucket Elevator

Range of Application

It is suitable for the quantitative packaging of granules in food, grain, fodder, sugar making and chemical industry, etc.

Features

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



Optional functions:

Automatic printing hot codes, automatic sewing, automatic thread trimming, etc.

Technical Parameter

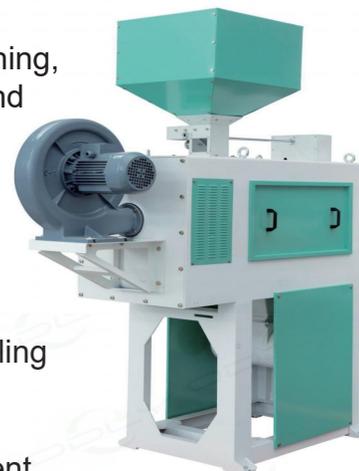
Model	ODA-1	ODA-5	ODA-25	ODA-50	ODA-100
Packing Range (kg)	0.2-1	1.0-5	2.5-25	5-50	10-100
Packing Error (% F.S)	0.2	0.2	0.1	0.1	0.1
Division Value (g)	2g	5g	10g	20g	20g
Packing Speed (bag/h)	300-500	300-500	300-420	≥300	≥300
Power and Air Supply	AC 220V 50HZ 0.4-0.8MPa				
Machine Dimension(mm)	1725x620x710	1890x620x710	2450x650x715	2650x650x715	2960x730x755
Actuator	Pneumatics				
Packing Error (% F.S)	x(0.2)		x(0.1)		



Main Features :

- 1.No need to debug, you can use after power-on, without any special experience.
- 2.Easy to operate,one-click to choose the sorting modes, such as normal rice, japonica rice, glutinous rice, black rice and red rice.
- 3.The quality is controllable, you can adjust the sorting accuracy freely to meet the needs of differentiated processing and the sorting performance is up to 99.99%.
- 4.It can do second sorting,low consumption and carryover ratio is more than 30:1,the income is guaranteed.
- 5.The output is flexible, and it can process 1.0-2.0 tons per hour, which can meet the needs of various processing easily.
- 6.Intelligent ejectors and ultra-low air consumption to achieve low carryover ratio.
- 7.Intelligent self-inspection, dust removal and anti-breakage, automatic dust cleaning and automatic adjustment of signals and lights to maintain the best color sorting state.
8. Warranty is 3 years.

The NW series rice milling machine is mainly used for brown rice polishing, for the process of opening and polishing rice in the rice milling plant, and also for the process of polishing rice in small sets of combined rice milling equipment. It is the ideal equipment for modern rice processing plants.



Main Feature

Finished rice with good shape and less bran dust due to the strong pulling action of its own fan

High output, less broken rice.

Unique break bar to do adjustment and make operation more convenient

Model	Output capacity (kg/h)	Power (KW)	Rotating Speed (r/min)	Voltage	Dimension (LxWxH)mm
NW15B	800-1300	18.5-22	1400	380V 50HZ 3PH	1090*580*1420
NW15F	1000-1500	18.5-22	1400	380V 50HZ 3PH	1150*600*1600
NW18F	2000-3000	22-30	1290	380V 50HZ 3PH	1250*650*1680
NW25F	3500-4500	37-45	1290	380V 50HZ 3PH	1350*750*1800



The NT128 Iron Roller Rice Whitener Machine has following advantages: low energy consumption, high output, less broken rice and bright white rice.

Main Feature

High output, white and clean rice

Low rice temperature and low broken rice rate

Better for steamed and boiled rice.

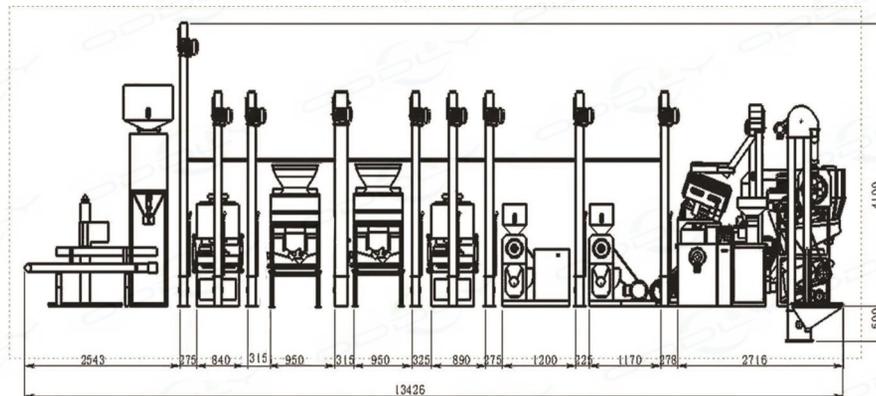
Model	Output capacity (kg/h)	Power (KW)	Rotating Speed (r/min)	Voltage	Dimension (LxWxH)mm
NT128	800-1300	15-18.5	900	380V 50HZ 3PH	1050*710*1430



Complete Production Line 15T/day



Complete Production Line 25T/day



Introduction

Rice output capacity for this production line is 15-25 Tons per day, which is suitable for rural cooperatives and medium sized rice processing enterprises.

Features

- It is easy for customers to install and operate the complete set of equipment.
- One person can finish the operation.
- It can be installed without any special requirement in the workshop. The production line can be customized according to different requirement.

Power Range

40-100 KW (it needs to be confirmed by the specific configuration.)





