A low-angle, upward-looking photograph of several modern skyscrapers with glass facades and metal frameworks. The buildings are set against a bright blue sky with scattered white clouds. The sun is visible in the upper left, creating a lens flare effect. The perspective makes the buildings appear to converge towards the top of the frame.

2021

rice cracker production complete sets of equipment

Manufacturer:Sichuan Rongcheng Zhongke Machinery Equipment Co.,Ltd



COMPANY PROFILE

Sichuan Rongcheng Zhongke Machinery Equipment Co.,Ltd.predecessor company is chengdu rongcheng machinery equipment Co.,Ltd and which was founded in October,2010.Our company has developed technology exchanging and cooperation with some well-known enterprises which from domestic and foreign,we has established long term partner cooperation with many international companies.(Such as ORION in Korea,KAMEDA in Japan,ONE ONE in Vietnam etc.),Now many kinds of our Rice Cracker Production Lines are selling well all over the world(such as Puffed rice cracker production equipment,Deep fried rice cracker production equipment,Baby rice cracker production equipment,Thin crispy rice cracker production equipment, sticky rice cracker production equipment).

After years of stable development,our company already has professional R & D team,Manufacturing team,Foreign Trade team and After-sales team to make sure we can provide timely thoughtful and satisfying service to the customers.The company adheres to the business philosophy of customer first and continuous improvement.always adhere to market-based,quality for survival,service for development as the purpose. To solve customer worries.

Our factory is located in Chengdu Cross-Strait Science and Technology Industry Development Park,Wenjiang District,Chengdu City,Sichuan Province,China.with convenient transportation.Welcome every new and old customer come to our factory.











婴儿米饼
baby rice cracker



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Equipment Category

Part 1

Sweet /salty rice cracker production line

Part 2

Baby rice cracker production line

Part 3

Fired rice cracker production line

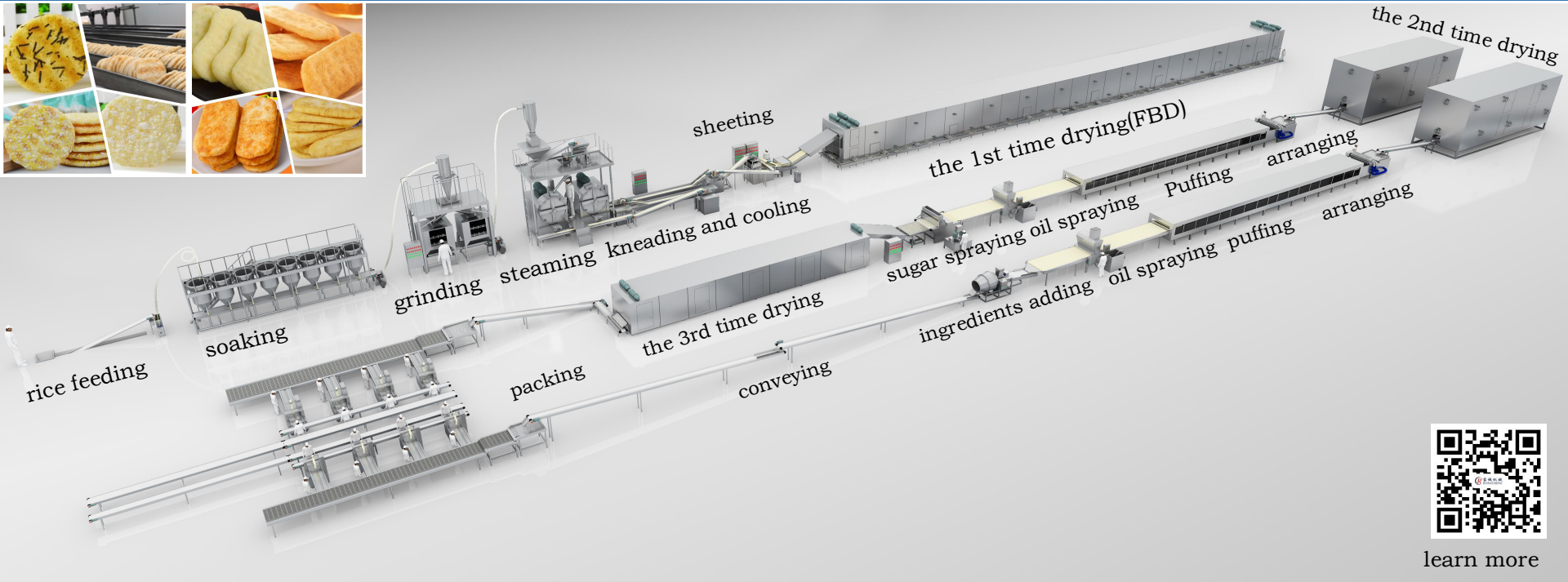
Part 4

Thin rice cracker production line

Part 5

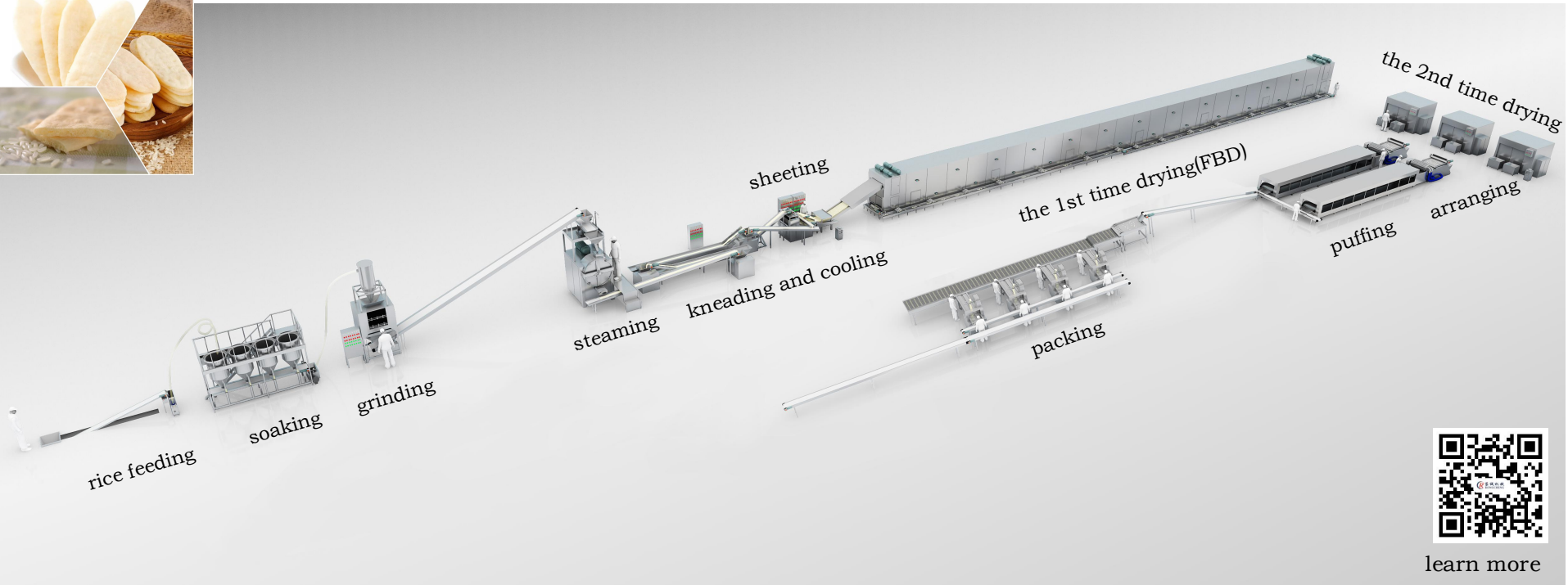
glutinous rice cracker production line

10T/24H Sweet /salty rice cracker production line



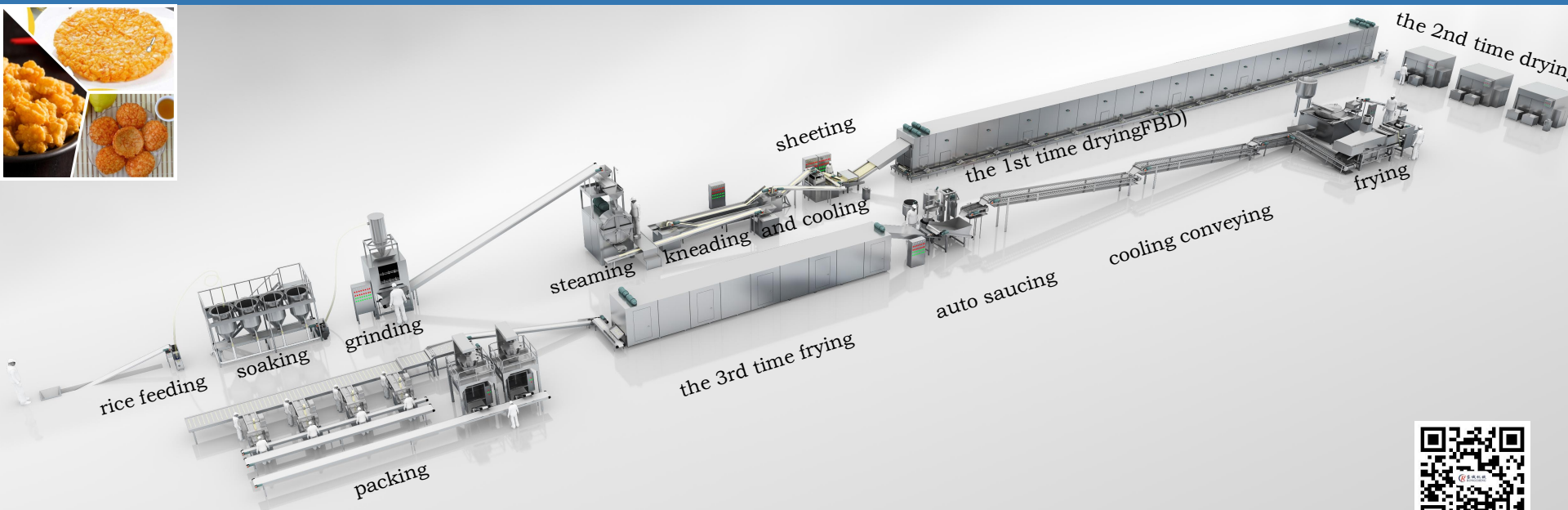
learn more

3T/24H Baby rice cracker production line



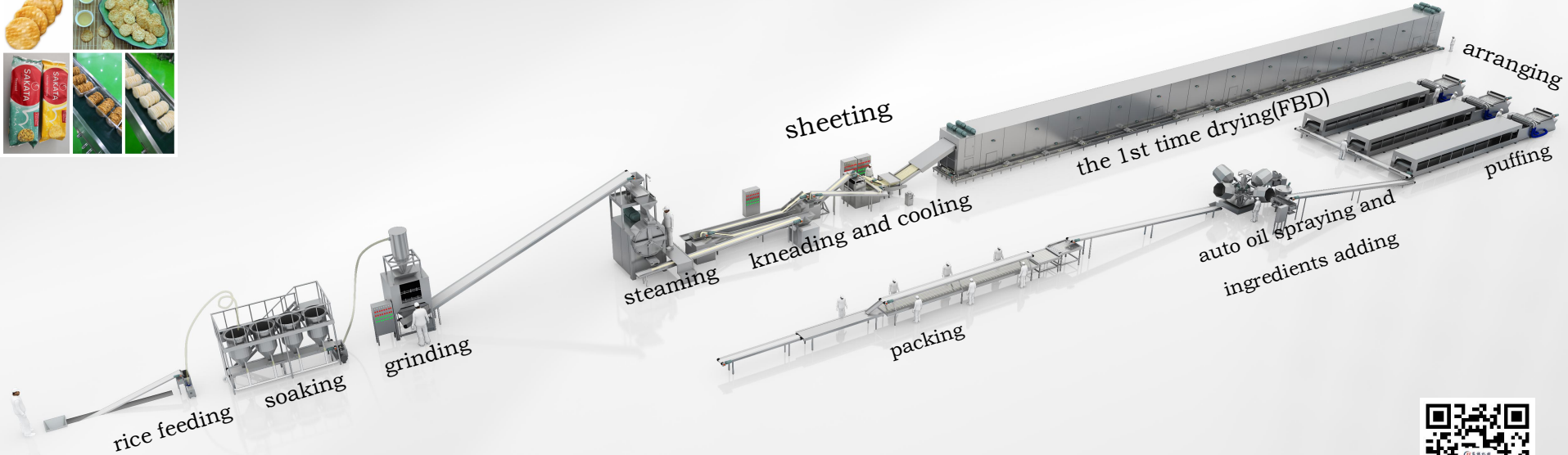
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5T/24H Fried rice cracker production line



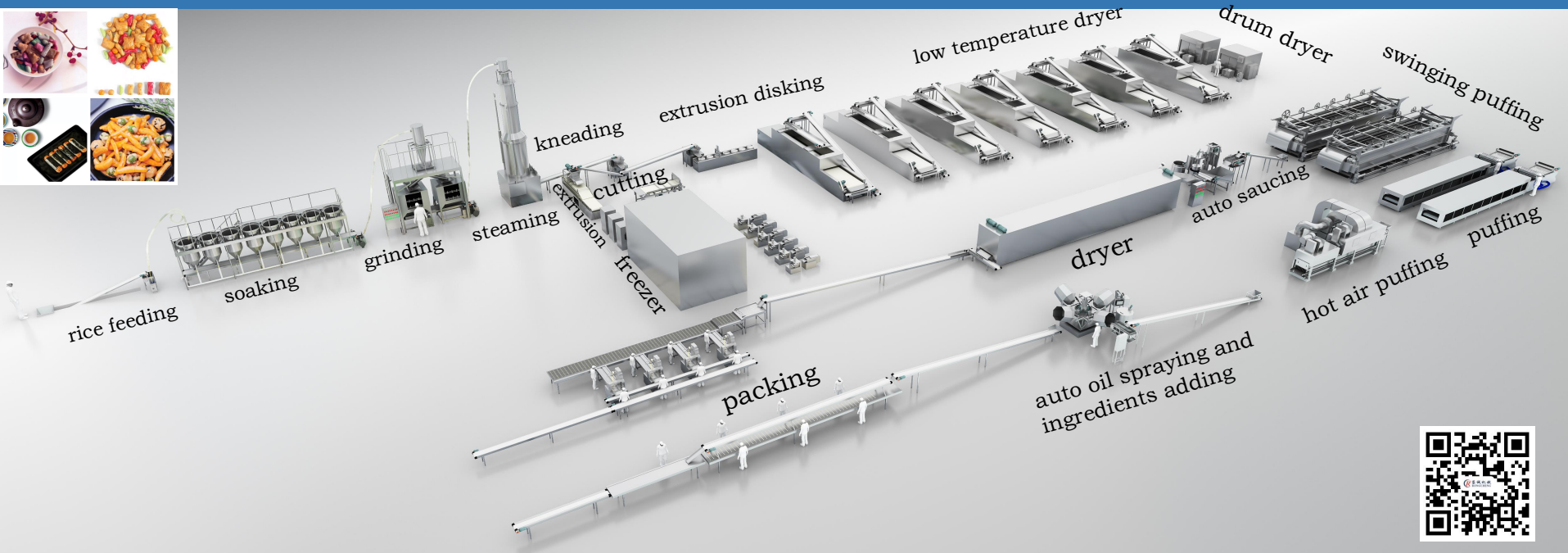
learn more

3T/24H Thin crispy rice cracker production line



learn more

10T/24H Glutinous rice cracker production line



learn more

Main equipment introduction:

1 Raw material pretreatment system:

system composition: it consists of operation platform, lifter, no-power conveyor, hopper, separated type vibrating screener, conveyor, backflush type rice washer.

Total power: 6.37KW.

Theoretical water consumption: 20³/H (actual water consumption is depend on the amount of production).

capacity: about 2000KG/H.

material: SUS304 (lifter and screener is made by carbon steel).

Main process introduction:

screen: It is mainly used to remove large foreign object and small foreign object in the rice through the two-layer screen of the separated type vibrating screener.

rice washing: It is mainly used to remove impurities, young rice (immature rice), bran, etc. mixed in the rice by a backflush type rice washer, and at the same time, remove the sugar and balinic acid which affect gelatinization, rice aroma, burnt color, etc.

main functions introduction :

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker, thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food Safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

1 raw material treatment system

01

operation platform

It is made of SUS304 stainless steel, with stairs and guardrails;

03

hopper

The whole machine material:SUS304; the feeding port adopts no-powered roller conveying to reduce the personnel works;the discharge switch adopts cylinder control and can be adjusted ;

05

lifter

Power: 3KW
The lifting height can be controlled freely; stainless steel columns are added on three sides of the lift to prevent the raw materials from dumping during the up and down operation;



02

screener

The whole machine material: SUS304;
Power: 0.8KW
It adopts two-layer screen control to remove foreign object in the rice effectively

04

backflush type rice washer

The whole machine material: SUS304
Power: 2.2KW;
The theoretical rice-water mixing volume is 20m³/H;
The conveying pipeline adopts SUS304 pipeline quick joint connection, and with an observation window.

06

control system:

Box material: SUS304,
Schneider Electric Components
The top of the box is designed with a slope, which is convenient for on-site visual management and cleaning.

Main equipment introduction:

2 Raw material soaking system:

System composition: it consists of operation platform, rice soaking bucket (with discharge valve, water in and out valve group), pneumatic transport device, conveyor, SUS304 water in and out tube, etc.

Total power: depends on the actual configuration and layout, the system adopts PLC automatic control (cabinet material: SUS304, French Schneider Electric components, Mitsubishi inverter; Mitsubishi PLC control system).

System theoretical water consumption: 1 bucket 2m^3 /period (The actual water consumption is dependent on the workshop environment and process requirements).

Capacity: 300-1000KG/1 bucket (it can be customized according to customer needs).

Material: SUS304.

The main processing introduction:

Soaking: make the rice soften after fully absorbing water, so as to meet the requirements of grinding and achieve the purpose of complete gelatinization during steaming.

The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker, thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

2 Soaking System

01

Platform

The whole machine material:sus304, with stairs and guardrails

03

conveyor

The whole machine material:sus304, power:0.37kw, 0.75kw(it can be elected according to the length of the conveyor and the load-bearing weight); V-shaped design of the conveying surface; Anti-running-deviation design; German Forbo PU belt.



bucket

02

The whole machine material:sus304, capacity:300-1000kg(can be customized)The bucket configuration quantity is matched the production line capacity; SUS304 drainage pipeSUS304 drainage pipe.

pneumatic transport device

04

The whole machine material:sus304, power:6.25kw 18000 Gauss strong magnetic rods are installed, and the transportation pipeline adopts SUS304 pipe quick-joint connection, and is equipped with observation windows and large-angle elbow connection to ensure smooth transportation. Install a silencer device to reduce noise.

3.Raw material grinding system:

System composition:it consist of operation platform,hopper,chevron feeding pipe,grinding machine,pneumatic transport device,conveyor.

Total power:depend on the actual configuration and layout, the system adopts PLC automatic control (cabinet material:SUS304, French Schneider Electric components, Mitsubishi inverter; Mitsubishi PLC control system)..

Capacity: single machine 250-500KG/H(it can be customized according to customer needs)

Material: SUS304(grinding machine rollers:Surface material alloy)

The main process introduction :

Grinding:the rice is rolled into powder through the extrusion of the grinding machine roller, and meet the gelatinization requirements of steaming.It is required that the size of the powder should be ground as evenly as possible in the production, and the puffed rice cracker with fine powder is better; on the contrary, the toughness of the coarse powder and rice dough is not good, and the puffed rice cracker is hard and tastes bad, ensure the particle size of the grinding powder is to maintain the stability of the product quality

The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker,baby rice cracker, fried rice cracker,thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food Safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

3.Grinding system

01

operation platform

the whole machine material:sus304;with stairs and guardrails

03

grinding machine

the whole machine material: SUS304; pressure roller material: surface alloy;nylon gear;pneumatic scraper; single machine capacity:200-250KG/H;grinding fineness: 4 rollers design; the number and type of configuration sets is matched according to the capacity of production line .



conveyor

The whole machine material: sus304, power:0.75KW;V-shaped design of the conveying surface; Anti-running-deviation design; German Forbo PU belt.

pneumatic transport device

The whole machine material:sus304, power:6.25kw
18000 Gauss strong magnetic rods are installed, and the transportation pipeline adopts SUS304 pipe quick-joint connection, and is equipped with observation windows and large-angle elbow connection to ensure smooth transportation. Install a muffler device to reduce noise.

PLCcontrol system

Cabinet material SUS304, Mitsubishi PLC control system and inverter, French Schneider Electric components;

02

04

05

4.Raw material and ingredients steaming system:

system composition:it is consist of operation platform,automatic electronic weighing feeding system,steamer,stirring feeding system,ingredients quantitative feeding system.

Total power:depend on the actual configuration and layout, the system adopts PLC automatic control (cabinet material:SUS304, French Schneider Electric components, Mitsubishi inverter; Mitsubishi PLC control system)..

Capacity: single steamer 60-120KG/pot(it can be customized according to customer needs).

Material: SUS304

The main process introduction:

Steaming:use steam for heating, gelatinization and mixing to make the raw and ingredients from raw to cooked,the main conditions for steaming are determined by the fineness of the flour, steaming time, steam pressure and the amount of water.the key of the quality control of steaming is the moisture value and gelatinization degree of the rice dough, and the taste has a certain rice flavor and elasticity.

The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker,thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food Safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

4.Raw material and ingredients steaming system

01

platform

platform(with ladder, guardrails);operation table ingredients table:the whole material: SUS304

03

steamer

the whole machine material:SUS304
power:16.5KW(60KG/pot t) ;18KW(80KG/pot),22.7 KW (120KG/pot);
equiped separation device for waste gas and waste rice dough;
with steam precision filter (filtration accuracy: 10 μ m); automatic quantitative water addition control.



steam precision filter

powder quantitative feeding system

02

Rice powder air-lock device, powder storage box, automatic electronic weighing and feeding system, discharge hopper and discharge pipe, etc.: the whole machine material SUS304

PLCcontrol system

04

Cabinet material SUS304, Mitsubishi PLC control system and inverter, French Schneider Electric components;

conveyor at the exit

05

Machine material SUS304
power: 0.75KW; German Forbo PE belt (adopting anti-running deviation design, high temperature resistance and anti-adhesion,with water tray below)

Rice powder, ingredients system before steaming

01 rice powder quantitative system

platform:the whole material is SUS304
power:0.37KW;
4-point electronic digital display scale;
automatic weighing start/stop

03 powder ingredients mixing and feeding

the whole machine material:SUS304
Dust-proof design;
after mixing, it will enter into steaming to ensure the product quality.



02 ingredients quantitative system

platform:the whole material is SUS304
power:0.37KW;
4-point electronic digital display scale;
automatic weighing start/stop
Mitsubishi PLC control system
(The system can record the production process which is easy to trace the production history).

Exclusively used for "Infant Standard" Baby Rice cracker production Line

Water, pear juice, microelements mixing and stirring system

01

mixing and stirring system

The whole machine is made of SUS304; the pipe quick-joint connection which is convenient for disassembly and cleaning. Double tank circulating feeding; mixing motor power: 3KW (1.5KW x 2); Mitsubishi PLC system control



quantitative feeding system

02

tube material: SUS304 stainless steel; pump power: 0.38KW; pipe quick-joint connection, easy to disassemble and clean. Automatic digital display; quantitative flow start /stop. Mitsubishi PLC system control

Exclusively used for "Infant Standard" Baby Rice cracker production Line

5. Rice dough kneading and cooling system:

System composition: it consists of kneader, water groove conveyor and control system.

Total power: depends on the actual configuration and layout.

Material: SUS304.

The main process introduction:

kneading: the particle size of the raw materials became soft and the rice dough became slippery, the stretchability and the taste became better after the first kneading. The amount of water on the surface increased, and the water adheres to the surface of the rice dough after the rice dough has passed through the cooling water, the water is uniformly mixed into the rice dough after the second or third kneading.

Cooling (water groove conveyor): cooling is to reduce the temperature of the product through water cooling, which is convenient for molding. Proper aging can be given, and rapid cooling can prevent excessive aging; The surface of uncooled rice dough is easy to be skinned. The key point of quality control of molding is the temperature of water.

The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker, thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

Rice dough kneading and cooling system

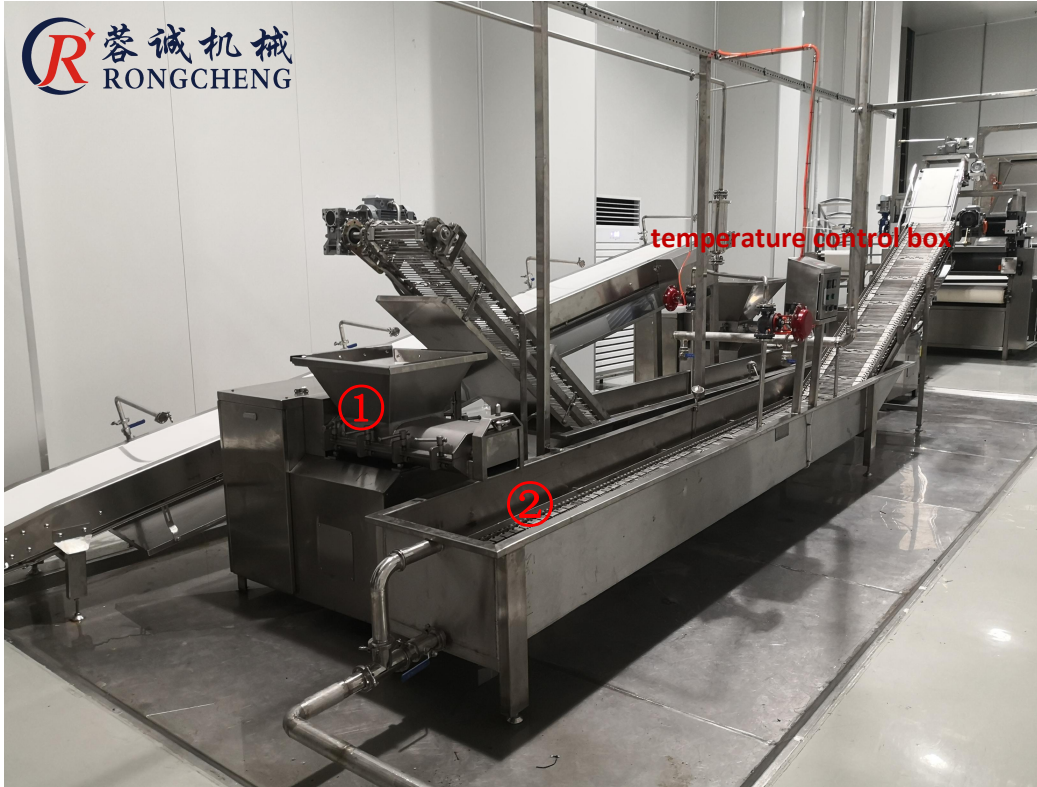
01

kneader

Machine material SUS304

Power: 7.5KW;

Function: Double screw extrusion; the hopper is equipped with a food-grade UPE board to effectively prevent the sticking of the rice dough at the same time, ; the speed is adjustable by frequency conversion control. Mitsubishi PLC system control.



cooling(water groove conveyor)

02

Material SUS304

Power: 3kw

System composition: it is consist of two water groove conveyors.

Function: the system is mainly used for cooling and aging of rice dough, using steam heating, installing steam precision filter (filtration precision: 10 μ m), and supporting Omron automatic temperature control system.

Conveying: controlled by Mitsubishi PLC system.

6. Rice dough sheeting system:

system composition: it consists of sheeter, conveyor for feeding, conveyor for recycle, control system.

Total power: depends on actual configuration and layout.

Capacity: according to the requirement of production line.

Material: frame material SUS304; sheeter roller surface material alloy (surface coated with Teflon), forming mold (food grade plastic).

The main process introduction:

sheeting: the rice dough is rolled by the roller of sheeter and cut into the required shape through the mold. After cooling, the temperature of the rice dough drops to about 50 °C. At this time, the rice dough is easy to form and not easy to be skinned, at the same time, it is necessary to control the thickness uniformity of the embryo to ensure the quality of the finished product; The key of quality control in sheeting is the weight, shape and temperature of the embryo.

The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker, thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

Main equipment introduction:

Rice dough sheeting system

01

reciprocating type conveyor

material:SUS304;sus304
bearing;Forbo
PUbelt;
power:1.12KW;

03

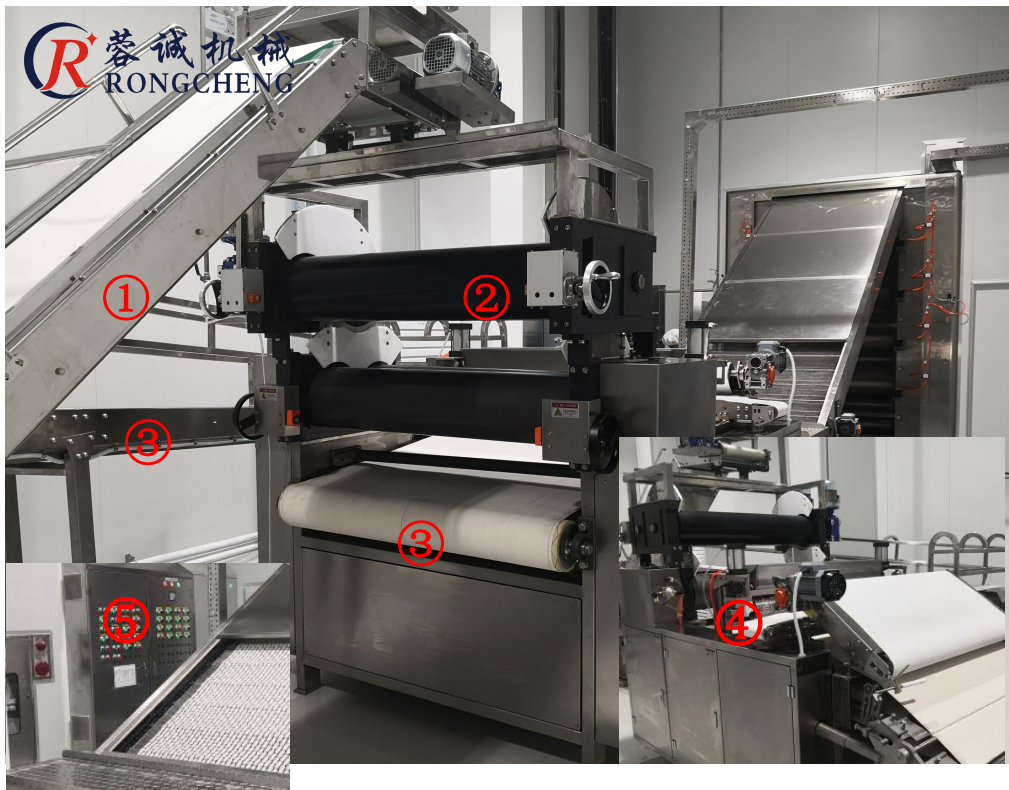
conveying belt

Configuration: the lower part of the sheeter is a canvas belt, and the lower part is equipped with a steam heating coil to prevent adhesion; the upper recovery and scrap recovery is the German Forbo brand PE belt.

05

PLC control system

Cabinet material SUS304, Mitsubishi PLC control system and inverter, French Schneider Electric components;



02

sheeting roller

double-layer design of the 4 pressure roller (makes the thickness of the rice embryo more uniform and the quality more stable); the pressure roller can be adjusted with a visual scale and digital display, which is convenient for operation; the material of the whole machine: high-carbon steel precision process, the surface is plated with Teflon, anti-adhesion ; Capacity design: 5T/24h, 10T/24h, 15T/24h, 20T/24h);

04

mould

Material: 304 stainless steel mold shaft food-grade plastic module; mold design is pneumatic lifting, it is more convenient and quick to replace the mold.

7.The 1st time drying system(FBD):

System composition:it is consist of the 1st time dryer (FBD),cooling conveyer(with fan),quantitative conveyor,control system.

Total power:depend on actual configuration and layout.

Capacity:according to the requirement of production line.

Material:frame is made of galvanized carbon steel;sus304net belt; The external insulation board is imported flame-retardant polyurethane single-sided SUS304 stainless steel board.

The main process introduction:

the 1st time drying(FBD):this is the process of removing the moisture from the embryo after sheeting, it is dried into semi-finished products for easy storage at the same time, the key point of drying includes temperature,moisture,humidity and the time.

The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker,thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food Safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

**material:**

main frame:galvanized carbon steel;

incline section:sus304;

net belt:sus304;

insulation board:imported flame-retardant polyurethane board.

(include:SUS304Stainless steel single side,double-sided and ordinary double-sided sprayed plastic board);

Transfer belt: canvas belt, endless belt machine joint.wire slot:sus304

functions:

Mitsubishi PLC automatic control system;

Automatic correction of the transfer canvas belt;

mesh belt with automatic cleaning brush at the incline section

From the 1st to 4th layer are equipped with a mesh belt anti-in movement acceleration flywheel speed-increasing device;

Snake-shaped coiled steam pipe, the temperature is more even

Front-middle-rear, upper-middle-lower temperature zone control chain broken alarm device;

Maintenance channels are designed on both sides,and equipped with a ladder, which is convenient for maintenance;

Cold embryo conveying installation fan (optional silent rail);

quantitative embryo collection;

8.The 2nd time drying system:

system composition:it is consist of the 2nd time dryer(full-automatic continuous drum type,automatic 8-rooms type),conveyor,control system.

Total power:Semi-automatic(8 rooms)power:2.95KW;full-automatic type(2 drums)power :13.6KW;full-automatic(3 drums)power:13.34KW;conveyor:1.5KW.

Capacity:according to the requirement of production line.

Material:frame is made of galvanized carbon steel;the drum is made of sus304; The external insulation board is imported flame-retardant polyurethane single-sided SUS304 stainless steel board.

The main process introduction:

the 2nd time drying:It is the process the embryos are dried again by steam heating for the second time after 1st time drying and humidity adjusting,make the moisture and temperature inside and outside of the embryo meet the requirements of puffing,the point of this progress includes moisture,temperature and humidity.

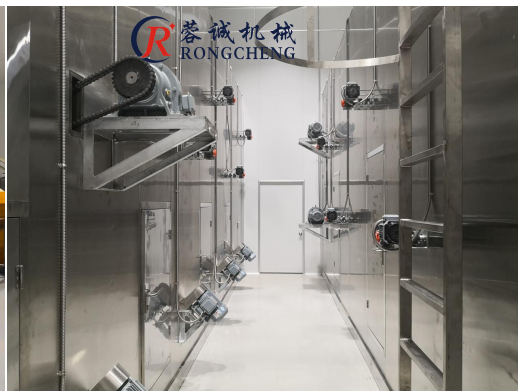
The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker,thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food Safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

The 2nd time drying system

full-automatic continuous drum type 2nd time dryer

01



frame:galvanized carbon steel.;
drum:SUS304;insulation board::imported flame-retardant polyurethane board.
(include:SUS304Stainless steel single side,double-sided and ordinary double-sided sprayed plastic board);
single machine capacity:250KG/H;Mitsubishi PLC control system;
it has the advantages of simple equipment control operation and stable and convenient process control; this equipment is suitable for ordinary rice crackers and senbei. It is not suitable for the production of fried small rice crackers and baby rice crackers (due to the process requirements of baby rice crackers , the special restrictions).

02

semi-automatic 8 rooms 2nd time dryer:

frame:galvanized carbon steel.;
drum:SUS304;insulation board:SUS304Stainless steel single side board.single room capacity:48kg.; Mitsubishi PLC control system, automatically stop the rooms on time and alarm; with steam humidification device. Suitable for the production of fried small rice cracker and baby rice cracker

9. Rice cracker embryo arranging system:

System composition: it consists of embryo arranging machine (double vibrator) conveyor for feeding, conveyor for recycle, control system.

Total power: embryo arranging machine (double vibrator) 9.32KW; conveyor for feeding: 0.75KW; conveyor for recycle: 0.37KW.

Capacity: according to the requirement of production line.

Material: support of vibrator adopts carbon steel, other parts made of SUS304

The main process introduction:

embryo arranging: the raw embryo are neatly placed in the cracker trough by the vibrator, which is convenient for the suction drum to place the embryos on the net of puffing machine.

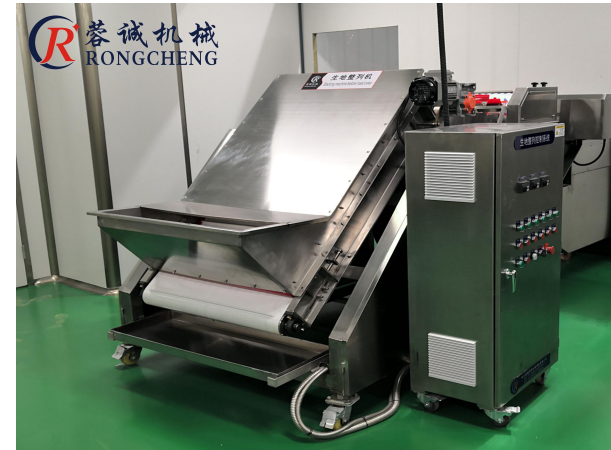
The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker, thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

embryo arranging machine

01

frame material:SUS304;support of vibrator:carbon steel,othe parts are made of SUS304,aluminum alloy large drum; food-grade silicone customized nozzle; optional embryo recycle conveyor; the latest design of electromagnetic vibration embryo machine, L-shaped skirt spacer elevator; double vibrator design(It can effectively remove rice cracker residues and broken embryos, and reduce the impact on the effect of embryo suction); embryo suction rate: the embryo suction rate of normal rice cracker can be reach above 95%, and the embryo suction rate of baby rice cracker can be reach above 92 %.



10.Puffing system:

System composition:it is consist of puffing machine(model120,model 180,model burn-marked) and control system.

Total power:depend on actual configuration and layout.

Capacity:according to the requirement of production line.

Material:frame is made of carbon steel;Surface is wrapped with sus201;A heat-insulating aluminum alloy glass sliding observation window is installed on the side.

The main process introduction:

Puffing:It is the process of turning the rice cracker embryo which after the second drying into a plain cracker with a larger puffing volume.it is the final result of all the previous steps. it is the process of reducing the moisture content of the embryo again, increasing the volume, and emitting moisture and coloring;the point of this steps is the pressure value of the gas and the puffing time

The main function:

The system can be used for the pretreatment process of raw rice production of sweet/salty rice cracker, baby rice cracker, fried rice cracker,thin rice cracker, and glutinous rice cracker. The system configuration complies with EU GMP certification and HACCP food Safety management system certification, GB10769 (cereal supplementary food for infants and young children) and other related food safety certification standards require production equipment.

Main equipment introduction:

Puffing system

01

12m general puffing machine

Material: frame carbon steel galvanized welding; surface 201 stainless steel wrapped; Japanese SHOEI brand burner; heat insulation aluminum alloy glass push-pull observation window; preheating section 5 ovens; expansion section 7 fire design; coloring section 3 ovens; visual dial gas flow regulation; high carbon steel 4 mesh mesh belt conveying. Single machine power: 1.5kw. (suitable for baby rice cracker)

Capacity: 2.5t/24h (conventional rice cracker series)
1.5t/24h (baby rice cracker)

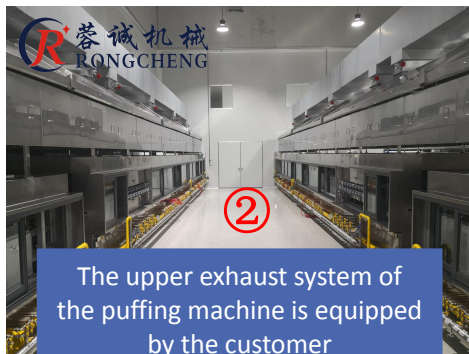
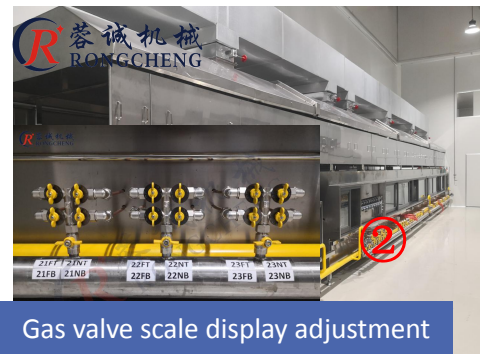
02

18m widened and lengthened puffing machine

Material: frame galvanized carbon steel welding; surface wrapped with sus201; Japanese SHOEI brand burner; heat insulation aluminum alloy glass push-pull observation window; preheating section 11 ovens; puffing section with nine fire design; coloring section with 4 ovens; visual dial gas flow regulation; high carbon steel 4 mesh mesh belt conveying. Single machine power: 3kw. (suitable for sweet and senbei)

Capacity: 5t / 24h;

Customizable:puffing machine for burn-marked rice cracker



The upper exhaust system of the puffing machine is equipped by the customer

Gas valve scale display adjustment

11.Oil showering and spraying system:

System composition:it is consist of the main body of oil showering/spraying machine,oil heating and stirring tank,control system.

Total power:4.54KW(oil showering machine)/12KW(oil spraying machine).

Capacity:single machine 5T/24H.

Material:the whole machine is made of SUS304.

The main process introduction:

oil showering/spraying:it is the process of the puffed rice cracker fully absorb oil through the oil showering/spraying, it is also a necessary process for general rice crackers and senbei, thereby increasing the oil and salt of the biscuits. makes the taste better!

The main functions introduction:

The equipment can be used in the oil spraying treatment process of sweet rice cracker and senbei. The system configuration meets the requirements of relevant food safety certification standards such as EU GMP certification and HACCP food safety management system certification for production equipment.

oil showering system



main body

material:the whole machine is made of SUS304; net belt conveyor; power:0.37KW;

oil heating stirring and supply system

material:he whole machine is made of SUS304;Double-layer heating and heat preservation design; oil supply and oil return circulation;heater power:3KW;

electrical control cabinet

cabinet material:SUS304,japaneses Mitsubishi inverter;French Schneider Electric Components;

01

02

03

oil spraying system

01 main body

material:the whole machine is made of SUS304;
conveying:sus304 net belt
SUS304 tray
All oil pipelines have no right-angle turning design and quick-joint connection;
power:9.08KW;



02 heating and stirring tank

material:the whole machine is made of SUS304
Steam pipeline heating design;
Design of automatic oil supply and oil return circulation system;
stirring power:3KW;

03 electrical control cabinet

cabinet material:SUS304,
japaneses Mitsubishi inverter;French Schneider Electric Components;

12. Automatic sugar spraying machine:

System composition: it consists of sugar melting pot, main body of sugar spraying machine, syrup stirring and supply system, PLC control system.

Total power: 1.87KW.

Capacity: single machine 5T/24H.

Material: the whole machine is made of SUS304.

The main process introduction:

sugar spraying: it is the process of adding sugar dots on the surface of the rice cracker after passing the oiled rice cracker through the automatic sugar spray system. it is also a special process for the sweet rice cake, thereby increasing the appearance and taste of the biscuits!

The main functions introduction:

This equipment can be used for all products that require surface spraying process. The system configuration meets the requirements of relevant food safety certification standards such as EU GMP certification, HACCP food safety management system certification and other related food safety certification standards for production equipment.

Main equipment introduction:

automatic sugar spraying machine

syrup stirring and supply system

02

material:the whole machine is made of SUS304;
syrup stirring tank equipped steam heating device , pressed air output;syrup supply pipe:hot water circulation insulation double-layer design; customized syrup anti-blocked nozzle;the size of sugar dots are adjustable; the nozzle part is designed to lift up and down.

PLC control system

Cabinet material SUS304, Mitsubishi PLC control system and inverter, French Schneider Electric components;

04

01

main body

material:the whole machine is made of SUS304;
conveying:German Forbo brand PE belt.
power:1.12KW (0.75KW、0.37KW)



03

sugar melting pot

material:the whole machine is made of SUS304;
double pot design;
stirring power:8KW;
with pneumatic diaphragm pump for sugar pumping;
gelatin bucket;

13.Ingredients adding and seasoning system

System composition:it is consist of ingredients adding machine,seasoning spiral drum,control system

Total power:1.12KW.

Capacity:single machine 5T/24H.

Material:the whole machine is made of SUS304.

The main process introduction:

ingredients adding,seasoning:it is the process of adding various flavors on the surface of the rice cracker after oil spraying through the ingredients adding and seasoning system, thereby increasing a variety of flavors!

The main functions introduction:

the equipment can be used for all products that require surface powder processing. The system configuration meets the requirements of relevant food safety certification standards such as EU GMP certification and HACCP food safety management system certification for production equipment.

Ingredients adding and seasoning system

01

ingredients adding machine

Material: SUS304

stainless steel;

Conveying: spiral

tube feeding or

electromagnetic

vibration feeding;

Power: 0.37KW

Electrical control:

SUS304 cabinet,

Schneider electrical

components;



02

spiral drum

Material: the whole machine is made of SUS304; the angle is adjustable!;

Power: 0.75KW;

electrical control:

SUS304 cabinet,

Schneider electrical

components;

Main equipment introduction:

14.the 3rd time drying system

System composition:it is consist of dryer,conveying system,control system.

Total:9.68KW.

Capacity:single machine 5T/24H.

Material:frame:galvanized carbon steel;**conveying belt:**SUS304;**the whole machine is made of** SUS304.**imported flame-retardant polyurethane single-side sus304 board.**

The main process introduction:

Drying:It is the process of removing the moisture after spraying sugar on the rice cracker or the rice cracker which sauced . After drying, the finished product enters the packaging room. The temperature, humidity, moisture value and time control during the drying process are the key control points.

The main functions introduction:

the equipment can be used for all products that require drying processing. The system configuration meets the requirements of relevant food safety certification standards such as EU GMP certification and HACCP food safety management system certification for production equipment.



5 layers dryer

frame is made of galvanized carbon steel;heating steam coil;sus304 net belt;incline section is made of sus304;imported flame-retardant polyurethane single-side sus304 board.hot air loop fan;with ladder; total power:9.68KW;
Mitsubishi PLC control system and inverter, French Schneider Electric components;

15. Arranging system for finished product

System composition: it consists of vibrator, arranging machine for finished product, control system.

Total power: 2.87KW.

Capacity: single machine 5T/24H.

Material: the whole machine is made of SUS304. PU belt.

The main process introduction:

Arranging: it is the process of arranging the finished product in a neat row. After the finished products are arranged neatly, they enter the packaging machine for convenient packaging.

The main functions introduction:

this equipment can be used for all round, square and oval products. The system configuration meets the requirements of relevant food safety certification standards such as EU GMP certification and HACCP food safety management system certification for production equipment.

Main equipment introduction:

01



material: stainless steel
is made of SUS304

conveying: vibrating feeding;

power: 0.25KW

electrical control

cabinet: SUS304

body, French Schneider

Electric components

Arranging system for finished product



arranging machine

02

material: the whole machine is made of SUS304

PU conveying belt;

it consists of short conveyor and long conveyor;

total power: 2.62KW;

electrical control

cabinet: SUS304 body, French

Schneider Electric components

Some business partner:



Some business partner:



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