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Ningbo Harvester Food Machinery Co.,ltd

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Professional Food Machine Supplier and Exporter
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青菜漂烫加工成套生产线
Green Vegetable Blanching Processing Production Line





翻身上料机
Reversible loading machine



鼓泡清洗机
Bubbling cleaning machine



毛刷清洗机
Brush cleaning machine



漂烫机
Blowing machine



冷却机
Cooler



切割机
Cutting machine



涡流清洗沥水机
Eddy current cleaning drainer



离心脱水
Centrifugation







豆类罐头加工成套生产线
Canned Bean Processing Production Line





上罐平台
Upper tank platform



磁性洗罐机
Magnetic can washing machine



颗粒灌装机
Particle filling machine



加汤机
Soup adding machine



真空封口机
Vacuum sealing machine



装笼
Caging



高温杀菌锅
High temperature sterilization pot



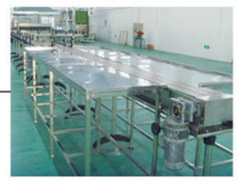
卸笼
Unloading cage



吹干
Blow dry



喷码
Coding



包装
Package





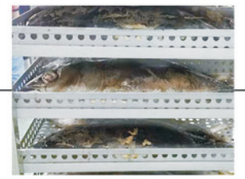


金枪鱼罐头加工成套生产线
Canned Tuna Processing Production Line






解冻
Unfreezing


蒸煮车
Cooking car


蒸煮箱
Cooking box


冷却
Cooling


真空封口机
Vacuum sealing machine


加汁机
Brine dispenser


称重加料输送
Weighing and charging delivery


剔除红肉流水线
Tuna fish eliminating pipeline


实罐洗罐机
Real tank washing machine





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鱼罐头加工成套生产线
Canned Fish Processing Production Line






切头切尾机
Head and tail cutting machine


去内脏输送机
Intestine discarding conveyor


盐水清洗机
Brine cleaning machine


清洗机
Washing machine


加汤机
Soup adding machine


翻转沥水机
Reversible waterlogging machine


蒸煮排气机
Cooking and evacuating machine


装罐称重输送机
Canning weighing conveyor


真空封口机
Vacuum sealing machine


高压杀菌锅
High pressure sterilization pot


吹干机
Blow dryer





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鼓泡清洗机
Blister Washer

产品性能特点

- 本机适用于番茄、草莓、苹果、芒果等蔬菜的清洗；
- 独特鼓泡式冲浪设计，配合 30KAP 高压风机，使物料在清洗的同时不断翻滚，保证物料彻底清洗，同时将物料损伤率降到最低；
- 旋转可调式溢流口，侧面与后部安装多个清洗手孔，便于箱体清洗；
- 采用国外进口防腐轴承，双面密封；
- 不锈钢支架，食品级硬质塑料或不锈钢刮板，符合食品卫生标准；
- 可以与提升机，输送管道等设备组成果蔬加工流水线；

Product performance characteristics

- This machine is suitable for cleaning tomatoes, strawberries, apples, mangoes and other vegetables.
- Unique bubbling surfing design, combined with 30Kap high-pressure fan, makes the material roll continuously while cleaning, ensures the material thorough cleaning, and reduces the material damage rate to the lowest level.
- Rotary adjustable overflow outlet, side and rear mounted with a number of cleaning hand holes, easy to clean the box;
- It adopts imported anticorrosive bearings with double-sided seals.
- Stainless steel bracket, food grade rigid plastic or stainless steel scraper, in line with food hygiene standards;
- It can compose fruit and vegetable processing pipeline with hoist, pipeline and other equipment.



主要规格及技术参数
Main specifications and technical parameters

型号 Model	产能（T/H) capacity	功率（KW) power	外形尺寸（MM) Outline size
ZG-GP-750	1 ~ 3	4.4	4000×750×1800
ZG-GP-1000	3 ~ 5	5.2	5000×1000×1800
ZG-GP-1200	8 ~ 10	6	6000×1200×1800
ZG-GP-1400	13 ~ 15	8.5	7000×1400×1800

高压喷淋清洗机
High Pressure Sprinkler Cleaner

产品介绍

- 高压喷淋清洗机适合于各个行业领域，他具有操作简单、故障少、清洗效果统一。被广泛应用于农副产品清洗。
- 该设备由输送带、喷淋管道、循环水箱等组成、由输送链板带动物料经过高压喷淋段对物料进行冲洗、冲洗后的水源由下方接水板统一回过滤后通过循环水泵循环利用。喷淋段做有护罩防止水雾飘溢。
- 高压喷淋清洗机可根据物料实际情况进行定制，分别有毛刷高压喷淋清洗机、网带高压喷淋清洗机、链板式高压喷淋清洗机等。

Product introduction

- High pressure sprinkler cleaning machine is suitable for various industries. It has simple operation, few faults, and uniform cleaning effect. It is widely used in the cleaning of agricultural and sideline products.
- The equipment consists of a conveyor belt, a sprinkler pipe, a circulation water tank, etc.. The material is driven by a conveyor chain plate and washed through a high-pressure sprinkler section. The washed water source is uniformly filtered back from the lower water plate and recycled through a circulation pump. The spray section has a protective cover to prevent water mist from overflowing.
- The high pressure sprinkler cleaning machine can be customized according to the actual situation of the material. There are hair brush high pressure sprinkler cleaning machine, net high pressure sprinkler cleaning machine, chain plate high pressure sprinkler cleaning machine and so on.



主要规格及技术参数
Main specifications and technical parameters

型号 Model	产能 (T/H) Capacity	功率 (KW) Power	外形尺寸 (MM) Outline size
ZG-GYQL-1000	0.8 ~ 1.5	4.05	3000×1000×1000

翻斗式清洗机
Flybucket Cleaning Machine

产品介绍

- 翻斗式清洗机是一款多用型设备，他集合了清洗、浸泡、预煮等功能于一体。运用范围更广泛，正真实现了一机多用。他可根据不同的生产需求和物料进行调整，适用于：干香菇、梅干菜、木耳等浸泡清洗，萝卜丝、笋丝、胡萝卜、土豆、等丁、片、块预煮，红豆、绿豆、鹰嘴豆、玉米粒等物料的清洗、浸泡、预煮等功能。也可以根据客户需求增加其他功能，或设计成多斗式连续式生产线。

Product introduction

- The bucket type cleaning machine is a multipurpose device. He integrates functions such as cleaning, soaking, and precooking. The scope of application is more extensive, and it is true that one machine is used more than one machine. He can adjust according to different production needs and materials, applicable to: dried mushrooms, Meigancai, fungus, etc. soaked cleaning, radish, bamboo shoots, carrots, potatoes, etc., slices, blocks precooked, Red beans, mung beans, chickpeas, corn grains and other materials cleaning, soaking, pre-cooking and other functions. Other features can also be added according to customer needs, or designed as a multi-bucket continuous production line.



主要规格及技术参数
Main specifications and technical parameters

型号 Model	产能 (T/H) Capacity	功率 (KW) Power	外形尺寸 (MM) Outline size
ZG-FDQX	0.3 ~ 0.8	4.0	2350×1300×1350

涡流清洗机组
Eddy Current Cleaning Unit

产品介绍

- 涡流洗菜机真正融合了目前业界两大清洗方式：气泡清洗式 + 旋流式洗菜机的优点。在传统旋流式清洗的基础上，* 加入气泡清洗设计，缸底布置高压注气管，用于消除传统漩流式洗菜机在清洗未经切割蔬菜清洗时产生的抱团现象，高压气泡能够有效分离成团的蔬菜，解决纯漩流式洗菜机只能清洗切割后物料的尴尬弊端。排气管更配备有泄压阀，以适应清洗不同物料时调整气泡强度。

Product introduction

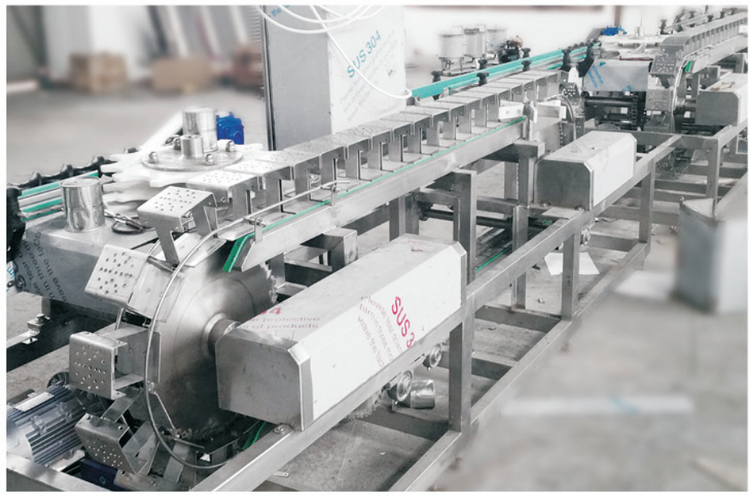
- The vortex washing machine really integrates the current two major cleaning methods in the industry: the advantages of bubble cleaning + swirling washing machine. On the basis of traditional swirling cleaning, * the bubble cleaning design was added, and a high-pressure injection trachea was arranged on the bottom of the cylinder to eliminate the cluster phenomenon generated by the traditional swirling wash machine during cleaning of uncut vegetables. High-pressure bubbles can be effectively separated into groups. Vegetables, Solve the embarrassing disadvantage that pure swirling washing machine can only clean the cut material. The exhaust pipe is also equipped with a pressure relief valve to adjust the bubble strength when cleaning different materials.

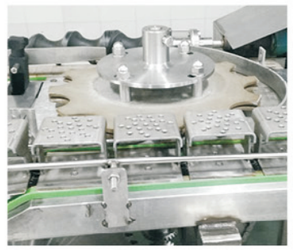


主要规格及技术参数
Main specifications and technical parameters

型号 Model	产能 (T/H) Capacity	功率 (KW) Power	外形尺寸 (MM) Outline size
ZG-WLQX-1000	1 ~ 1.5	循环水泵：1.5KW×2 台	3800×1200×1200
		鼓泡风机：3.0KW、380V	
		振动电机：0.06KW×2 台	
		滚筒电机：0.37KW	

鱼肉罐头沥干机
Canned Fish Draining Machine







概 述

本机可将排气床蒸煮后的罐头进行倒立空水沥干。利用蒸气排气床脱气蒸煮时会在罐内产生一定蒸气积水及罐头内容物会产生部分残液。罐头倒水沥干机的作用就是将罐头在线连续式进行倒立空水流干，便于罐头连线不间断生产。

Outline

The machine can drain the cans boiled in the exhaust bed by inverted water control. When steam exhaust bed is used for degassing cooking, a certain amount of steam accumulated water and some residual liquids will be produced in the tank. The function of the canned backwater drainage machine is to control the water flow on-line and continuously, so as to facilitate the uninterrupted production of canned products.

技术参数

- 内置不锈钢排水装置；
- 配置不锈钢节水箱；
- 外预留不锈钢排水接口；
- 主体机架不锈钢结构；
- 采用多孔皮带便于空水流干；
- 采用磁铁吸罐自动连续进出；
- 配三菱（MITSUBISHI）变速器调速；
- 机体尺寸：L8000×W1000×H1200MM

Technical parameter

- Built-in stainless steel drainage device;
- Equipped with stainless steel water-saving tank;
- Stainless steel drainage interface is reserved outside.
- Stainless steel structure of main frame;
- Porous belt is used to facilitate air-water drying.
- The magnet suction tank is used to automatically and continuously enter and exit.
- Mitsubishi (MITSUBISHI) transmission speed regulation;
- Body size: L8000×W1000×H1200mm

真空脱气机组
Vacuum Degassing Unit

产品性能特点

- 本机主要用于牛奶，果汁等脱出异味及氧气，广泛应用于牛奶、饮料等行业。主要由脱气室，冷凝器、真空泵等几部分组成；
- 可去除料液中的空气（氧气），抑制褐变，防止物料被氧化，导致品质降低，去除附着于料液中悬散微粒气体，保持良好外观；防止灌装和高温杀菌时起泡影响杀菌，并减少对容器内壁的腐蚀；
- 整体机架采用优质 304 或 316 不锈钢材质，符合食品卫生标准；
- 设备安装方便，全自动运行，安全可靠，易于维修保养；

Product performance characteristics

- This machine is mainly used for removing odor and oxygen from milk, juice, etc. It is widely used in milk, beverage and other industries. It mainly consists of degassing chamber, condenser and vacuum pump.
- It can remove the air (oxygen) in the liquid, inhibit the browning, prevent the oxidation of the material, reduce the quality, remove the suspended particulate gas adhering to the liquid, maintain a good appearance, prevent foaming during filling and sterilization at high temperature from affecting sterilization, and reduce the corrosion to the inner wall of the container.
- The whole frame is made of 304 or 316 stainless steel, which meets the food hygiene standard.
- The equipment is easy to install, fully automatic operation, safe and reliable, and easy to maintain.



主要规格及技术参数
Main specifications and technical parameters

型号 Model	产能（T/H）capacity	真空度 (MPa) Vacuum degree	外形尺寸（MM）Outline size
ZG-TQ-1300	0.5 ~ 1	0.064-0.087	1450×1300×2800
ZG-TQ-1400	1 ~ 3	0.064-0.087	1650×1400×2800
ZG-TQ-1600	3 ~ 5	0.064-0.087	1800×1600×2800
ZG-TQ-1800	8 ~ 10	0.064-0.087	2200×1800×3200

罐头热力排气床 / 常压杀菌机
Canned Thermal Exhaust Bed/Atmospheric Sterilization Machine

概 述

使用热力排气床使未封口或预封后的罐头在排气箱内经一定温度和时间的加热，使罐中心温度达到 90~100℃左右，立刻密封，利用饱和蒸汽压及内容物体体积随温度的变化形成罐头内部真空。

Outline

A thermal exhaust bed is used to heat the unclosed or pre-sealed cans in the exhaust box at a certain temperature and time, so that the central temperature of the cans reaches about 90-100 degrees C, and the cans are sealed immediately. The internal vacuum of the cans is formed by the variation of saturated vapor pressure and volume of the contents with temperature.



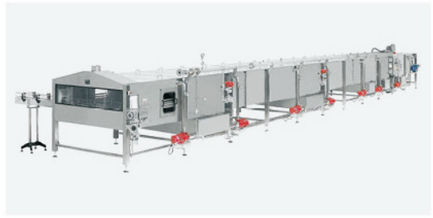
技术参数

- 生产能力：300~500 罐 / 分钟
- 适用罐盖：各种马口铁罐、铝罐、玻璃瓶、塑料瓶等；
- 适用罐径：直径 50~270MM
- 适用罐高：1.5KW
- 外形尺寸（长 × 宽 × 高）：7000×1200×1500MM
- 重量：2500KG

Technical parameter

- Production capacity: 300-500 cans/min
- Applicable cans cover: various tin cans, aluminum cans, glass bottles, plastic bottles, etc.
- Applicable tank diameter: 50-270 mm in diameter
- Suitable tank height: 1.5Kw
- Outward Size (Length *Width *Height): 7000 *1200 *1500mm
- Weight: 2500Kg

连续式喷淋杀菌机
Continuous Spray Sterilizer



产品性能特点

- 广泛应用于各种瓶装、易拉罐装果汁饮料、玻璃瓶装调味品等产品的杀菌冷却；
- 连续式喷淋杀菌机是吸收、消化国外先进技术的基础上设计而成，可根据用户提出的杀菌条件及产量要求进行设计；
- 采用循环温水预热，循环热水杀菌、循环温水预冷、再用冷却水喷淋冷却、四段处理形式；
- 具有杀菌温度自动控制，杀菌时间无极可调等优点；

Product performance characteristics

- It is widely used in sterilization and cooling of various bottled, canned fruit juice drinks, glass bottled condiments and other products.
- Continuous spray sterilizer is designed on the basis of absorbing and digesting foreign advanced technology. It can be designed according to the sterilization conditions and production requirements put forward by users.
- Circulating warm water preheating, sterilization of circulating hot water, pre-cooling of circulating warm water, spraying cooling of cooling water and four-stage treatment are adopted.
- The utility model has the advantages of automatic sterilization temperature control and infinitely adjustable sterilization time.

主要规格及技术参数
Main specifications and technical parameters

型号 Model	ZG-PLS-1000	ZG-PLS-2000	ZG-PLS-3000	ZG-PLS-5000
最高杀菌温度 Maximum sterilization temperature（℃）	96	96	96	96
杀菌输送带宽度 Bactericidal Conveyor Band Width（mm）	1500	1800	2000	2500
输送带线速度 Conveyor line speed（mm/min）	110-553	110-553	110-553	110-553
加热蒸汽压力 Heating steam pressure（MPa）	0.4	0.4	0.4	0.4
杀菌段长度 Length of sterilization section（mm）	3000	4000	6000	8000
预冷段长度 Length of precooling section（mm）	1200	1600	1800	2200
冷却段长度 Length of cooling section（mm）	3000	4000	5000	6000
加热循环水量 Heating circulation water volume（m³）	21	25	35	50
功率 power（kw）	9.6	10.6	13.6	16.5
设备外形尺寸 Equipment dimensions（mm）	10000×1800×1600	12000×2000×1600	14000×2200×1600	17500×2800×1600

水浴式杀菌机
Water-bath type Sterilizer



产品性能特点

- 本机主要应用于 PE/PPT 塑料袋、马口铁罐等成品包装的杀菌；
- 本机机架采用 SUS304 材料制作，主要部件由输送刮板、机体、管路系统、电控系统等组成，通过链条带动主轴转动，将物料输送到指定位置，可变频控制转速，任意调整杀菌时间；

Product performance characteristics

- This machine is mainly used for sterilization of PE/PPT plastic bags, tin cans and other finished products.
- The frame is made of SUS304 material. The main components are conveyor scraper, airframe, pipeline system, electronic control system, etc. The spindle is driven by chain to rotate, the material is conveyed to the designated position, the rotational speed is controlled by variable frequency, and the sterilization time is adjusted arbitrarily.

主要规格及技术参数
Main specifications and technical parameters

生产能力 Throughput	1-5T/H
杀菌温度 Sterilization temperature	<98° C It can be subject to order
杀菌时间 Sterilization time	10-35minute speed infinitive adjusting（速度无极可调）
冷却温度 Cooling temperature	38℃
冷却时间 Cooling time	10-25 minute speed infinitive adjusting（速度无极可调）
蒸汽压力 Steam pressure	0.4Mpa
链带速度 Chain velocity	0.17-10m/ minute speed infinitive adjusting（速度无极可调）
离心风机 Centrifugal fan	3kw
整机重量 Weight	About 6000kg
外形尺寸 Outline size	16000×2600×2000mm

空（瓶）罐卸垛机
Empty (Bottle) Tank Depalletizer





概 述

适用于各种空罐，空瓶自动卸垛上线使用，便于空罐，空瓶自动进入流水线进入后道洗罐灌装生产，通过 PLC 电脑编程自动控制整个卸罐流程动作，具有完善的多功能配置机构，取代人工卸罐方式及传统半自动卸罐设备，节省人力，大大提高生产效率。

Outline

It is suitable for all kinds of empty cans, empty bottles are automatically unloaded and used on the line, and it is convenient for empty cans. Empty bottles automatically enter the assembly line into the back wash tank filling production. Through PLC computer programming, the entire unloading process process is automatically controlled, and there is a complete multi-function configuration mechanism., Replace the manual unloading method and traditional semi-automatic unloading equipment, saving manpower and greatly improving production efficiency.

技术参数
Technical parameters

生产能力 Throughput	500 ~ 1200 罐 / 分钟 Cans / min.
适用罐盖 Applicable tank lid	各种马口铁罐、铝罐、玻璃瓶、塑料瓶等 Various tins, aluminium cans, glass bottles, plastic bottles, etc.
适用罐径 Applicable tank diameter	50mm ~ 153mm
适用罐高 Applicable tank height	50 ~ 270mm
电机功率 Motor power	7Kw
外形尺寸 Outline size	11000×3000×3500mm
重量约 Weight approximately	4200kg

设备功能配置

- 自动卸罐功能，电动叉车整跺放入即可；
- 罐跺自动提升机构；
- 自动推罐卸垛机构；
- 自动缓冲整列排灌网链；
- 自动叠空栈板机构；
- 空罐垛地链输送机；
- 空栈板地链输送机；
- 隔层纸板自动取出机构；
- 满罐自动停卸 / 无罐自动送罐；
- 满罐自动停机报警；
- 采用三菱（MITSUBISHI）PLC 可编程电脑自动控制器、施克（SICK）光电开关等著名品牌产品，设备稳定，性能优越；

Device function configuration

- Automatic unpiling function,put the whole in the electric folklift.
- Automatic lifting mechanism for tank stomp;
- Automatic pushing and unloading mechanism;
- Automatic buffer whole row drainage and irrigation network chain;
- Automatic stacking empty stack plate mechanism;
- Empty tank stacking ground chain conveyor;
- Hollow floor chain conveyor;
- Automatic removal mechanism of separator cardboard;
- Automatic stopping and unloading of full tank/automatic feeding without tank;
- Full tank automatic stop alarm;
- Mitsubishi (MITSUBISHI) PLC programmable computer automatic controller, SICK photoelectric switch and other famous brand products, stable equipment, superior performance;