



金豹机械

Canned Fish / Meat / Fruit / Vegetable Processing Lines



舟山市金豹机械有限公司
Zhoushan Golden Pard Machinery Co.,Ltd

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罐头行业专业设备生产厂家

Canned Food Industry Professional Equipment Manufacturer



企业介绍

COMPANY PROFILE

舟山市金豹机械有限公司成立于2017年6月，是一家专业从事食品罐头加工设备的生产厂家。主要致力于生产鱼罐头生产线、番茄酱生产线、玉米果蔬生产线、饮料罐装设备等。

公司始终秉持“诚信为本，质量优先，为客人提供一站式服务”的经营理念，以努力成为世界罐头行业优秀供应商为目标，凭借良好的信誉和优质的产品，获得了国内外客户的广泛认可。

本公司总部位于中国浙江舟山，坐落于长三角经济圈，临近上海和宁波，交通便利。热烈欢迎海内外朋友莅临考察与洽谈！

成套生产线系列：

- 鱼加工生产线
- 肉食品加工生产线
- 番茄酱加工生产线
- 水果蔬菜加工生产线
- 玉米颗粒罐头加工生产线
- 饮料罐装生产线
- 两片罐、三片罐空罐及易拉盖生产线等



Zhoushan Golden Pard Machinery Co., Ltd., is a young but keep growing canned food processing manufacturer, founded in June 2017, Zhoushan, China.

Our company is mainly engaged in filling machines, seaming machines and canned food processing lines.

We provide the following series :

- Canned Fish / Meat Processing Lines
(Canned Sardine, Tuna, Beef Processing Lines, etc.)
- Canned Fruit Processing Lines
(Canned Strawberry, Yellow peach, Apple Processing Lines, etc.)
- Canned Vegetables Processing Lines
(Canned Tomato paste, Sweet corn, mushroom Processing Lines, etc.)
- Filling and Seaming Machines
(Beverage, Milk Powder, Ketchup Filling and Seaming Machines, etc.)

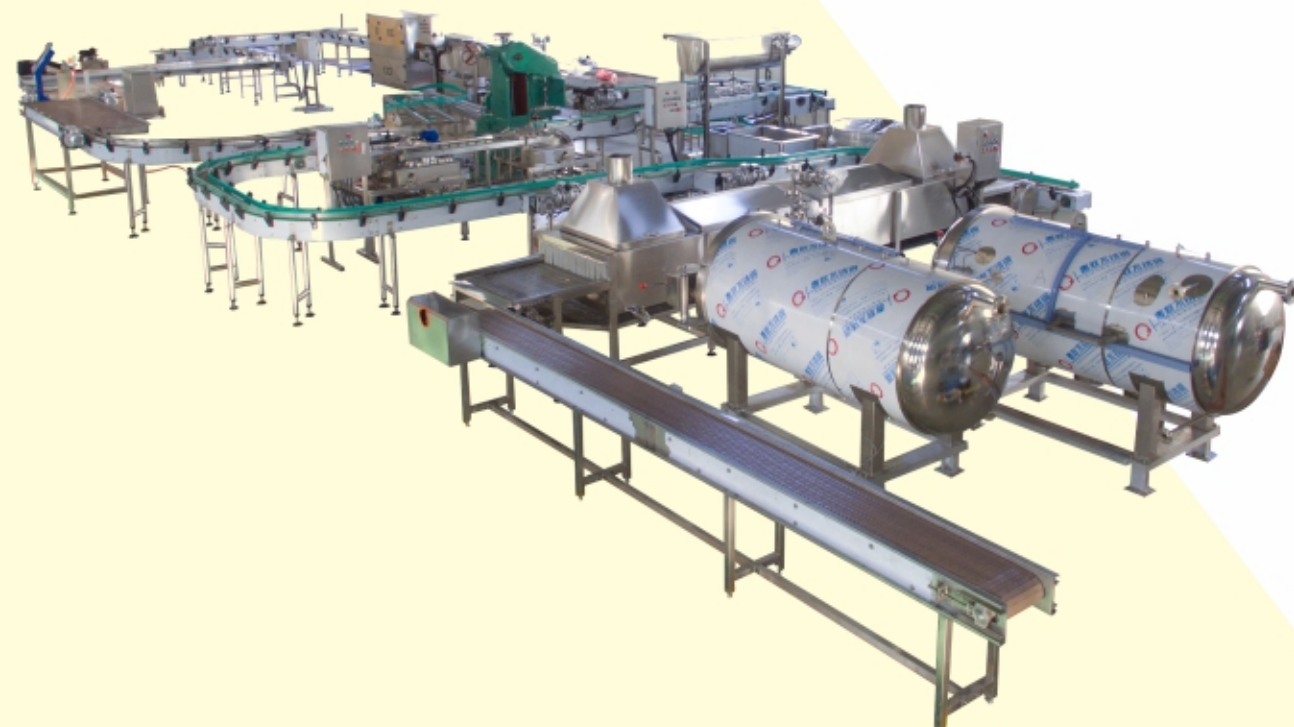
The processing lines include the equipments **from raw materials to finished canned products**, packing and warehousing. We also provide empty tin can and easy open end productions lines for customers.

We adhere to the ‘Quality First, Credit First, Customer First’ operating principles of market development. We survive on Quality, provide One-stop Solution (From empty tin can making, canned food processing, to finished canned food packing) to our customers..

Our company is located in Zhoushan, China, nearby Shanghai Pudong International Airport and Ningbo Lishe Airport, has convenient traffic conditions. Sincerely welcome friends from all over the world to visit and instruct us!

Canned Fish Processing Lines 鱼罐头加工生产线

Process



Fish / Meat Sausage Processing Lines

鱼/肉肠加工生产线



▲ Fish Killing Machine 杀鱼机

- 主要特征:
- 1.用于整线中的杀鱼
 - 2.功率:0.55Kw
 - 3.尺寸:1200x640x105mm

Main parameter:
1.It's used for cutting fish from complete line.
2.Power:0.55Kw
3.Dimension:1200x640x105mm



▲ Meat Collecting Machine 鱼肉采肉机

- 主要特征:
- 1.用于将鱼体中的鱼肉,鱼骨,鱼皮,鱼筋进行分离
 - 2.生产能力:950kg/h(原料)
 - 3.功率:3Kw
 - 4.重量:360kgs
 - 5.尺寸:1000x700x1380mm

Main parameter:
1.It is used to separate the fish, fish bone, fish skin, and fish ribs in the body
2.Production capacity: 950kg/h (raw material)
3.Power:3Kw
4.Weight:360kgs
5.Dimension:1000x700x1380mm



▲ Fish Meat Filter Machine 鱼肉精滤机

- 主要特征:
- 1.用于配套鱼肉采肉机,鱼肉过滤除杂质
 - 2.功率:2.2Kw
 - 3.重量:90kgs
 - 4.尺寸:1000x700x1380mm

Main parameter:
1.It is used for fish meat filtration and impurity removal.
2.Power: 2.2Kw
3.Weight: 90kgs
4.Dimension:1000x700x1380mm



▲ Filling Sausage Machine 灌肠机

- 主要特征:
- 1.用于肠类制品的灌制
 - 2.重量:260kgs
 - 3.料筒容积:30L
 - 4.功率:1.5Kw
 - 5.尺寸:1050X670X1680mm

Main parameter:
1.It is used for filling the intestinal products.
2.Weight: 260kgs
3.Barrel Volume:30L
4.Power: 1.5Kw
5.Dimension:1050x670x1680mm



▲ Chop Mixer 斩拌机

- 主要特征:
- 1.用于将鱼肉块、碎肉、脂肪等主要原料精细的斩切成肉馅或肉泥。
 - 2.生产能力:60~80kg/锅
 - 3.功率:13.98kw
 - 4.重量:1250kgs
 - 5.尺寸:1500x865x1400mm

Main parameter:
1.It is used to chop fish, minced meat, fat and other main raw materials finely into meat or mud.
2.Production capacity: 60~80kg/pot
3.Power:13.98KW
4.Weight:1250kgs
5.Dimension:1500x865x1400mm



▲ Sausage Bundling Machine 鱼肠扎线机

- 主要特征:
- 1.用于鱼肠衣、羊肠衣、蛋白肠衣等天然肠衣扎结作业
 - 2.生产能力:40~60节/分
 - 3.重量: 120kgs
 - 4.尺寸:1150x480x750mm

Main parameter:
1. It's used for natural casings bundling. Such as fish casing, sheep casing, protein casing.
2. Production capacity: 40~60 section/min
3. Weight: 120kgs
4. Dimension: 1150x480x750mm



▲ Mix Stuffing Machine 拌馅机

- 主要特征:
- 1.用于将鱼肉馅、辅助物料的搅拌混合。
 - 2.生产能力:100kg/次
 - 3.功率:1.5kw
 - 4.重量:150kgs
 - 5.尺寸:1300x510x1000mm

Main parameter:
1.It is used for mixing fish meat and auxiliary materials.
2.Production capacity: 100kg/time
3.Power:1.5Kw
4.Weight:150kgs
5.Dimension:1300x510x1000mm



▲ Fish/Meat Sausage Smoked Furnace 鱼肉肠烟熏炉

- 主要特征:
- 1.用于熟化和灭菌悬挂在烟熏炉箱内的鱼肉制品
 - 2.重量:1400kgs
 - 3.功率:3kw
 - 4.尺寸:1350x1510x2600mm

Main parameter:
1. It's used for curing and sterilizing offish/meat products by hanging in smoked furnace.
2. Weight: 1400kgs
3. Power: 3Kw
4. Dimension: 1350x1510x2600mm

Canned Tomato Paste Processing Lines

番茄酱罐头加工生产线

番茄一般被加工为番茄酱或者番茄汁，番茄酱生产线主要包括五个部分：新鲜番茄拣收，清洗和分拣系统；破碎打浆浓缩系统；杀菌系统；无菌灌装系统。新鲜番茄经过清洗、提升、分拣、破碎打浆、浓缩杀菌、无菌灌装、封罐、贴标打码后成为番茄酱罐头。

前处理：

新鲜番茄 >> 提升机 >> 鼓泡机 >> 挑选台 >>

破碎部分：

带螺旋推进的螺杆泵 >> 定刀破碎 >> 产品收集料斗 >> 管式预热器 >> 打浆机 >>

打浆机平台 >> 皮渣搅龙 >> 果汁收集罐 >> 电气-气动控制柜 >>

浓缩部分：

双效蒸发器 >> 电气控制柜 >> 螺杆输送 >> 成品酱 >> 螺杆输送 >>

浆料贮存 >> 套管杀菌 >> 无菌灌装 >> 封罐 >> 贴标打码 >>

打包入库 >>



Fresh tomato is generally processed into tomato paste or tomato juice.

Tomato paste processing line mainly includes 5 parts:

1. Fresh tomato reception,
2. Cleaning & sorting system;
3. Crushing beating concentration system;
4. Sterilization system;
5. Aseptic filling system.

To processing raw tomato to canned tomato paste, it should be passed on the following steps:

washing, promotion, sorting, crushing beating, concentrate sterilization, aseptic filling, sealing, labeling and code printing.

Pre-processing:

Fresh tomato >> Hoist machine >> Bubbling machine >> Sorting table >>

Crushing part:

Screw pump with screw propulsion >> Fixed blade crushing >> Product collection hopper >> Tube pre-heater >> Beating machine >>

Beater table >> Fruit pomace separator >> Juice collection tank >> Electric-pneumatic control cabinet >>

Concentration part:

Double-effect evaporator >> Electrical control cabinet >> Screw Conveying >> Finished pulp >> Screw conveying >>

Pulp storage >> Sterilization >> Aseptic filling >> Sealing >> Labeling & coding >>

Packaging storage >>



Canned Sweet Corn Processing Lines

玉米罐头加工生产线



新鲜玉米经加工成玉米颗粒罐头的生产线

The processing line is from fresh sweet corn to canned corn

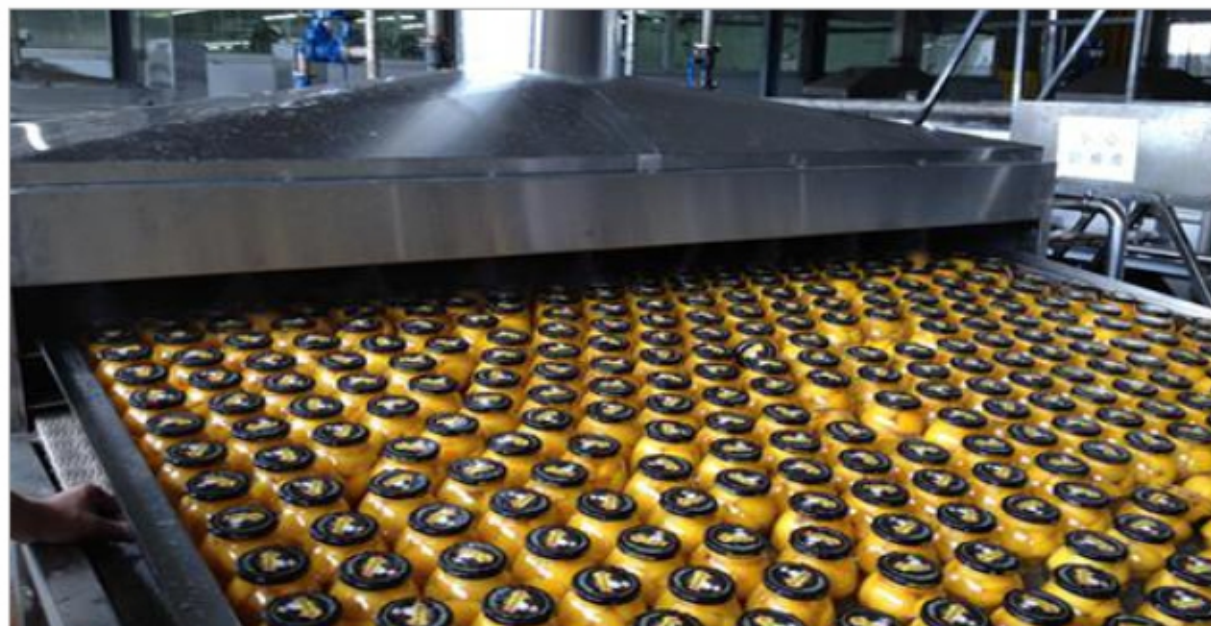


Canned Peach Processing Lines 桃子罐头生产线

工艺流程

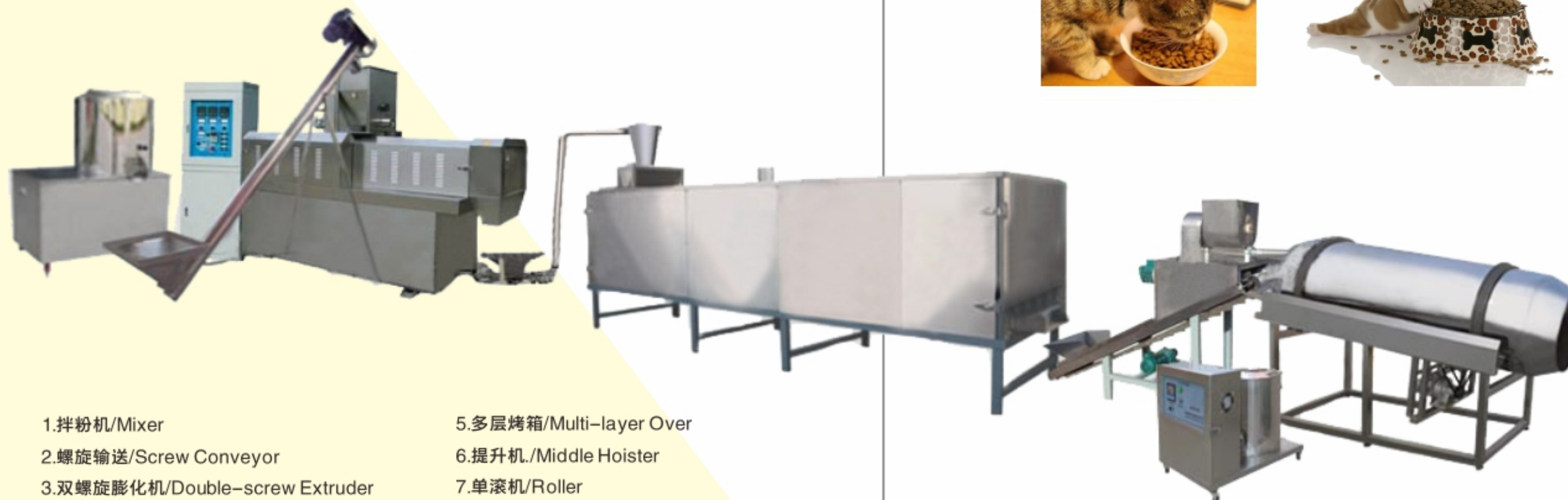


Process



Pet & Animal Food Processing Lines 宠物食品生产线

Process 工艺流程



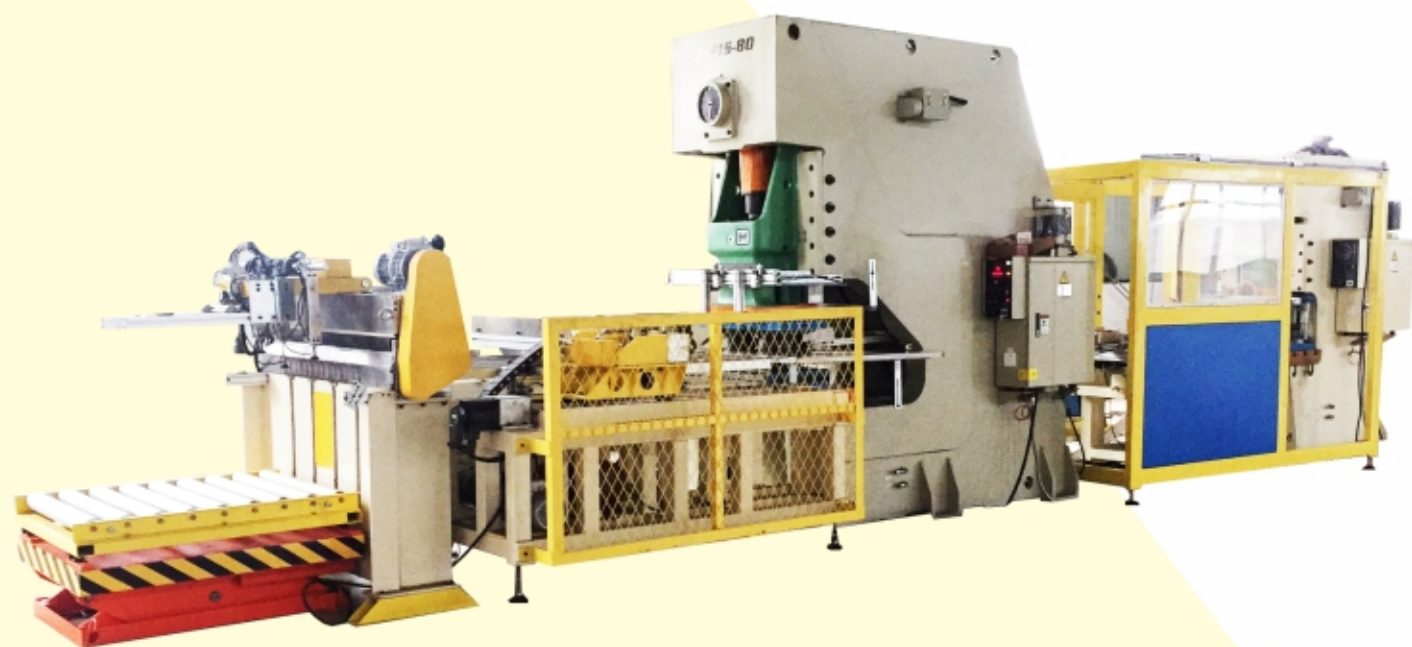
1. 拌粉机/Mixer
2. 螺旋输送/Screw Conveyor
3. 双螺旋膨化机/Double-screw Extruder
4. 提升机/Hoister

5. 多层烤箱/Multi-layer Oven
6. 提升机/Middle Hoister
7. 单滚机/Roller
8. 喷油机/Oil-sprayer



2-Piece Can Body Production Lines 2片罐生产线

Process 工艺流程



▲ Low-speed Production Line



The construction of the production lines will be different because of different can sizes. We will recommend the most suitable solution to satisfy customers' requirement.

Production Capacity For Reference: 60-250 cans/min.



▲ High-speed Production Line

Easy Open End Production Lines 易拉盖生产线



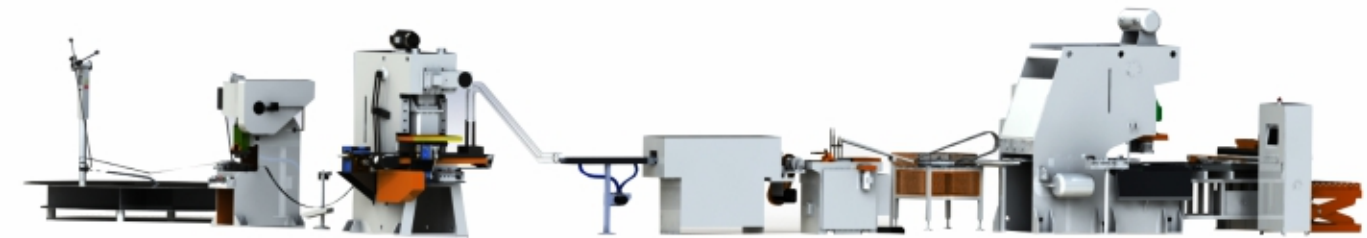
According to customers' requirements, we will use MINSTER, INGYU or any other satisfactory press to equip with multi-lane system for EOE's production.

The conversion system is consist of tab die, lane die, indexer, ends separator & related toolings, mechanical transmission system, oil & pneumatic system, tab material feeder, vacuum system, electric control system, etc.

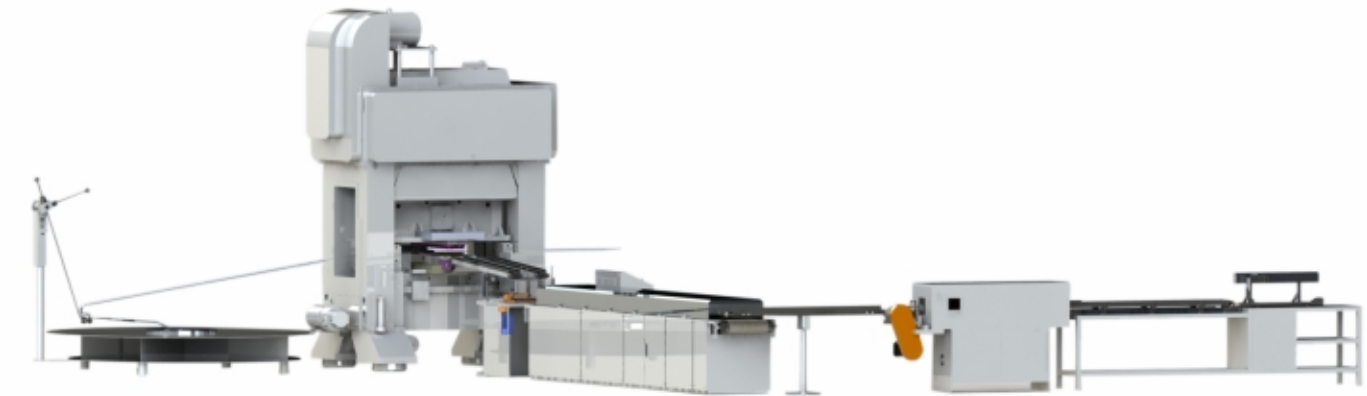
We will recommend the most suitable solution as per customers' needs.

Main Parameters For Reference

Nominal Force	80-125T
Slide Stroke	20-50mm
Strokes Per Minute	200-600spm
Number of Lane	1-4 lane
Main Power	30-50hp
Net Weight	17-30T



▲ Low-speed Production Line



▲ High-speed Production Line



▲ Conversion Press Recommendation

Twist-off / SKO Cap Production Lines

旋盖/胜利盖生产线

Sko Cap Process 胜利盖工艺流程



▲ Automatic Curling Machine



▲ Automatic Rubber Ring Plugging Machine

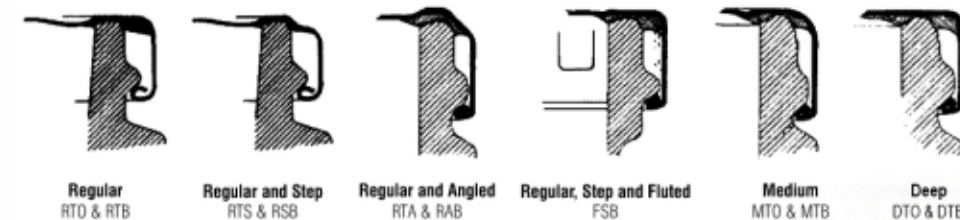
Twist-off Cap Process 旋盖工艺流程



▲ High-speed Twist-off Cap Production Line

Cap size	Dia max	Ht max	MTO	MTB	RTO	RTB	RTS	RSB	RTA	RAB	FSB	DTO	DTB
30	33.70	12.90	✓	✓									
38	41.90	9.90			✓	✓							
43	44.80	8.90			✓	✓							
48	50.00	8.90			✓	✓							
53	56.50	9.90					✓	✓					
58	60.50	9.90					✓	✓					
63	66.70	9.90			✓	✓	✓	✓	*	*			
66	69.70	9.90					✓	✓					
70	73.50	9.90					✓	✓			✓	*	*
77	79.90	9.90					✓	✓					
82	85.20	10.90					✓	✓			✓		

MTO - medium twist-off
 MTB - medium twist-off button
 RTO - regular twist-off
 RTB - regular twist-off button
 RTS - regular twist-off step
 RSB - regular twist-off step button
 RTA - regular twist-off angled
 RAB - regular angled button
 FSB - fluted regular step button
 DTO - deep twist-off
 DTB - deep twist-off button



Canned Fish Processing Equipment

鱼罐头生产设备



▲ Thawing & Lifting Machine
去冰池清洗机

Main Parameter:

It's used for fish thawing, surfing and lifting by spray water washing.
Separating connected frozen fish by pusher. Steam pipe available in washing device to unfreeze fish quickly.
Motor Power: 1.1Kw
Circulating Pump: 1.1Kw
Dial feeder motor: 0.55Kw
Mesh Belt Width: 800mm
Material: Stainless steel 304 (except motor, fan, circulating pump, rubber)
Dimension: 7500x1200x1400mm



▲ Fish-head Cutting Machine
切鱼头机

Main Parameter:

It's used for cutting fish head by high speed blade.
Material: Stainless steel 304 (except motor, belt).
Power: 1.1Kw, Stepless speed regulating
Dimension: 2000x700x1170mm (Conveyer: 600mm)



▲ Bubble Cleaning Machine
气泡清洗机

Main Parameter:

It's used for washing the fish by bubble.
It adopts bubbling, surfing and lifting to spray wash.
Motor Power: 1.1Kw
Fan Power: 2.2Kw
Circulating Pump Power: 1.1Kw
Material: Stainless steel 304 (except motor, fan, circulating pump, rubber)
Dimension: 4200x1200mm, Mesh Belt Width: 800mm



▲ Salt Soaking & Lifting Machine
盐浸清洗机

Main Parameter:

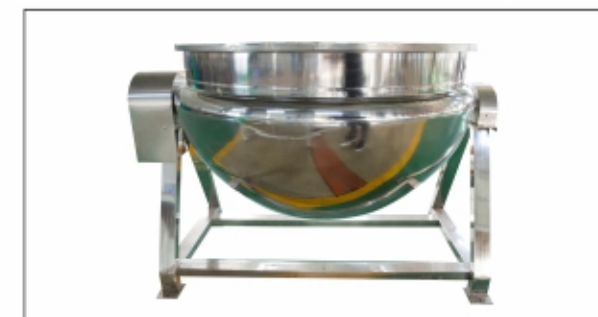
It's used for soaking fish in salt to increase the flavor and taste of fish.
Belt lifting adopts stainless steel scraping blade to transport and lift the fish.
Tank Board Thickness: 2.0mm
Voltage: 380V/50Hz
Power: 2.2Kw
Dimension: 6000x1400x1500mm



▲ Cooking Machine
蒸煮机

Main Parameter:

It's used for cooking canned fish by steam.
Material: Stainless steel 304 (except motor, mesh belt and bearing).
Power: 1.1Kw
Voltage: 380V, 50Hz
Dimension: 6000x1000x1500mm



▲ Layered Heating Pot
夹层锅

Main Parameter:

It's used for heating soup, meat etc.
Capacity: 300L
Material: Stainless steel 304
Interlayer passes steam. Steam Pressure: 0.35MPa
Accessories: safety valve, pressure gauge, steam trap valve
Dimension: Φ900x1000x1000mm

Canned Fish Processing Equipment

鱼罐头生产设备



▲ Automatic Vacuum Seaming Machine
自动真空封口机

Main Parameter:

It's used for filled cans sealing.
Production capacity: 80~100cans/min
Can Diameter: ϕ 52.3~105mm
Can Height: 39~133mm
Power: 2.2Kw
Weight: 2500kg
Dimension: 2010x1400x1900mm



▲ Vacuum Leak Detector
真空检测仪

Main Parameter:

It's used for filled cans leak detecting.
Can Diameter: ϕ 52-99mm
Can Height: H39-160mm
Speed: Max.400 cans/min, or, 40m/min
Air Pressure: 0.3~0.8Mpa
Dimension: 800x1120x1630mm



▲ Sterilizer
杀菌锅

Main Parameter:

Inner Diameter	1000~1300mm
Chamber Length(mm)	2400~3750mm
Total Dimension	4100~5650x4800mm~5400x2200~2400mm
Total Capacity	2.2x2~5.4x2m ³
Steam Consumption	240~650kgs
kg/batch total efficiency	28~43
Power	14~21Kw
Design Temperature	135°C
Working Temperature	125°C
Design Pressure	0.35MPa
Test Pressure	0.44Mpa
Compressed Air Tank	1.0~2.5m ³
Air Compressor	1/10~2.1/10
Storage Tank	5.0~11.0m ³
Boiler Displacement(T/H)	1.0~3.5

Canned Tomato Paste Processing Equipment

番茄酱罐头生产设备



▲ Scraper Elevator
刮板式提升机

Main Parameter:

It's used for lifting and conveying fresh fruits from flow channel to bubble washing machine.
Type: Rotation shaft type hoisting.
Production Capacity: 15 Tons/H
Power: 1.5Kw
Material: SUS304 stainless steel, Stainlesssteel traction chain, Carbon steel gear and shaft.



▲ Bubble Washing Machine
鼓泡机

Main Parameter:

It's used for tomato washing and deposition.
Production Capacity: 15 Tons/H
Power: 3Kw
Water Consumption: 40m³/H
Material: SUS304 stainless steel
Including: Roots blower, Blow-down valve, one automatic discharge door



▲ Sorting Platform
挑选台

Main Parameter:

It's used for fruits conveying, washing and for sorting out of level.
Production Capacity: 15 Tons/H
Power: 4Kw
Material: Supporting structure. Guardrail made by SUS304 stainless steel, AISI304 roller, Stainless steel chain, Carbon steel rack and spindle drive.
Roller conveyor is divided into two parts by a speed motor:
The 1st part: for lifting. Using to separate water and fruit, then spray washing fruits.
The 2nd part: for horizontal. Using to manual select fruit. It has operating platform on the side and supporting structure of step.



▲ Tubular Pre-heater
管式预热器

Main Parameter:

It's used for paste pre-heating. Paste flowing in the inner tube by the screw pump and heating by the steam in the jacket.
Production Capacity: 15 Tons/H.
Inlet Temperature: 25°C
Heating Temperature: 90°C
Power: 22Kw
Dry Steam Consumption: 1200kg/H, 4 Bar
Compressed Air Consumption: 12NI/min, 6 Bar



▲ Refiner
打浆机

Main Parameter:

It's used for beating the tomato cold broken products. Let the raw material separated into juice, seed and skin, etc.
Material: SUS 304 stainless steel, Cast iron supporting structure, Carbon steel
Production Capacity: 12 Tons/H.
Spiral Beater Sieve Hole: perf. Φ0,7mm
Power: 22Kw



▲ Evaporator (Double-effect)
蒸发器 (双效)

Main Parameter:

It's used for paste forced circulation in heat exchanger, for extracting concentrated product from evaporator I, and for producing & keeping vacuum system in evaporator.
Production Capacity (instant tomato): 180 Tons/24hs
Processing 5°Bx tomato juice: 7500kgs/h.
Power: 105Kw
6 bar saturated dry steam: 2900Kg/h
20°C water consumption: 200m³/h
6 bar compressed air consumption: 100NI/min.

Canned Tomato Paste Processing Equipment

番茄酱罐头生产设备



▲ Big Can Strong Sauce Filling Machine
大罐浓浆灌装机

Main Parameter:	
The number of filling head	1
Applicable can type	Adjustable
Filling volume	400-4500g (Freely adjustable)
Twice filling volume	9000g
Production capacity	18~25cans/min
Power	1.87kw
Weight	600kgs
Dimension	2000*1300*2200mm



▲ Automatic Strong Sauce Filling Machine
自动浓酱灌装机

Main Parameter:			
Model	GPF200-12	GPF400-24	GPF600-36
The Number of filling head	12	24	36
Can Height	39~160mm	39~160mm	39~160mm
Can Diameter	φ52~99mm	φ52~99mm	φ52~99mm
Filling Volume	70~850g	70~850g	70~450g
Production Capacity	80~200b/min	80~400b/min	80~600b/min
Power	4kw	5.5kw	7.5kw
Weight	1500kg	2800kg	4000kg
Dimension	1800*1500*1900mm	2200*1800*2100mm	2400*2000*2100mm

This machine is suitable for the quantitative filling of various sauces (such as ketchup, pepper sauce, fruit jam, etc. viscous materials), high concentrated pulps / granule beverages, and even pure liquid.

这台设备适用于灌装各类酱料(如番茄酱、辣椒酱、水果酱等粘稠物料),高浓度及含果肉或果粒的饮料,甚至纯液体的定量灌装。



▲ High-speed Strong Sauce Filling & Seaming Machine
高速浓酱灌装封灌机

Main Parameter:			
Model	GPF200-12 S4	GPF400-24 S6	GPF600-36 S8
The number of capping head	4	6	8
The number of filling head	12	24	36
Can Height	39~160mm	39~160mm	39~160mm
Can Diameter	φ52~99mm	φ52~99mm	φ52~73mm
Filling Volume	70~850g	70~850g	70~450g
Production capacity	80~200b/min	80~400b/min	80~600b/min
Power	5.5kw	7.5kw	11kw
Weight	4000kg	5800kg	6880kg

Canned Sweet Corn Processing Equipment 玉米罐头生产设备



▲ Cutting Handle Machine
切柄机



▲ Pre-cooking Machine
高温蒸汽枯萎机 (传动式)



▲ Vibrating Feeding Machine
振动喂料机



▲ Husking Machine
剥皮机



▲ Threshing Machine
脱粒机

Main Parameter:	
Production capacity	500kg corns/h
Corn applicable scope	Φ30~70mm
Length	≥90mm
Cut rate	≥99%
Speed of cutter plate	830r/min
Conveyor roller speed	313r/min
Power	1.5kw
Weight	500kg
Dimension(mm)	2010x1400x1900mm



▲ Granule Filling Machine
颗粒灌装机

Main Parameter:		
Model	GPF200-18K	GPF400-36K
The number of capping head	18	36
Can Diameter	φ52~99mm	φ52~99mm
Can Height	50~160mm	50~160mm
Production capacity	0~200b/min	0~400b/min
Power	2.2kw	3kw
Weight	1500kg	2000kg
Dimension(mm)	2000*1800*2000	2440*2000*2000

Canned Peach Processing Equipment 桃子罐头生产设备



▲ Peach Flap Grading Machine
桃瓣分级机



▲ Peach Stone Extractor
去核机



▲ Peach Splitting Machine
劈桃机



▲ Continuous Pre-cooking Machine
连续式预煮机



▲ Sterilizer
杀菌机

Filling & Seaming Equipments

灌装封罐设备



Main Parameter:		
Model	GPF170-12 S4A	GPF250-18 S4A
The number of capping head	4	4
The number of filling head	12	18
Production capacity	30~170cans/min	30~250cans/min
Can Diameter	φ52.5~99mm	φ52.5~99mm
Can Height	39~160mm	39~160mm
Power	5.5kw	5.5kw
Weight	3100kg	3800kg
Dimension	2850*1500*1900mm	3050*1750*1900mm

▲ (Non-carbonated Beverage) Filling & Seaming Machine
(不含气) 易拉罐灌装封罐机



Main Parameter:		
Model	GPF200-24 S4Q	GPF300-30 S6Q
The number of capping head	4	6
The number of filling head	24	30
Production capacity	60~200cans/min	60~300cans/min
Can Diameter	φ53~66mm	φ53~66mm
Can Height	122~160mm	122~160mm
Power	5.5kw	7.6kw
Weight	5300kg	8000kg
Dimension	3350*2150*2100mm	3488*2288*2168mm

▲ (Carbonated Beverage) Filling & Seaming Machine
(含气) 易拉罐灌装封罐机



▲ Powder Filling Machine
粉末灌装机

Main Parameter:	
Model	GPG1
Filling material	Milk powder
Applicable can type	#300-#502
Filling weight	900g (100-2000g)
Production capacity	≥ 50 cans/min.
Filling precision	≤ +/-2g
Power supply	380v 50hz 3.3kw
Compressed air	6kg/m2
Dimension	2650*1000*2300mm



▲ (Soft Solids) Filling Machine
(八宝粥) 颗粒灌装机

Main Parameter:				
Model	GPF170-12	GP250-18	GP400-24	GP600-32
The number of filling head	12	18	24	32
Production capacity	80~170cans/min	80~250cans/min	80~400cans/min	80~600cans/min
Can Diameter	φ52~99mm	φ52~99mm	φ52~99mm	φ52~99mm
Can Height	50~160mm	50~160mm	50~160mm	50~160mm
Power	2.2kw	2.2kw	2.2kw	3.0kw
Weight	1200kg	1400kg	1500kg	2000kg
Dimension	1800*1500*2000mm	2000*1800*2000mm	2400*2000*2000mm	2440*2000*2000mm

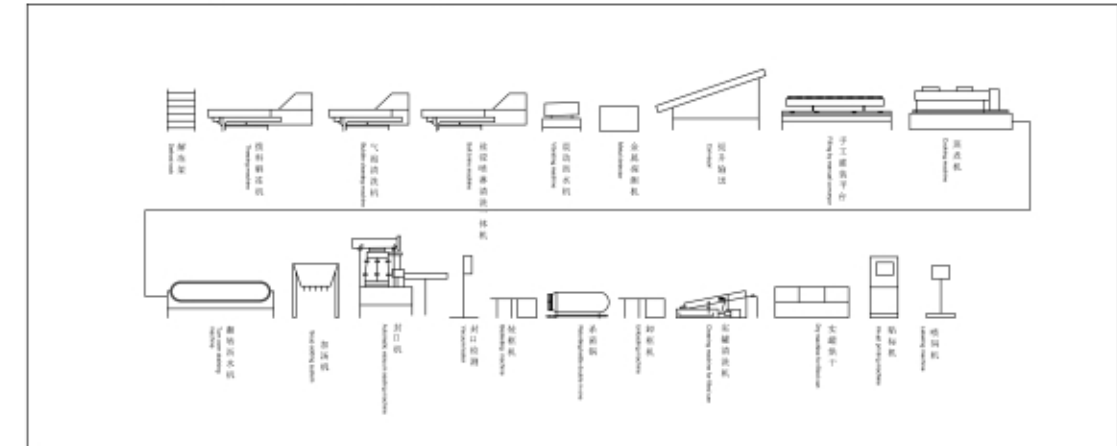


▲ Empty Pop Can Depalletizer
易拉罐空罐卸垛机

Main Parameter:			
Model	GPD300	GPD400	GPD600
Production capacity:	200~300cans/min	200~400cans/min	200~600cans/min
Size and height that can be depalletized:	2660mm	2660mm	2660mm
Applicable tray:	1100x1400mm	1100x1400mm	1100x1400mm
Voltage:	380V 50HZ	380V 50HZ	380V 50HZ
Power:	2.5Kw	2.5Kw	2.5Kw
Weight:	2500kgs	3000kgs	3500kgs
Dimension:	6200x3500x3500mm	7200x4500x3500mm	8200x4500x3500mm

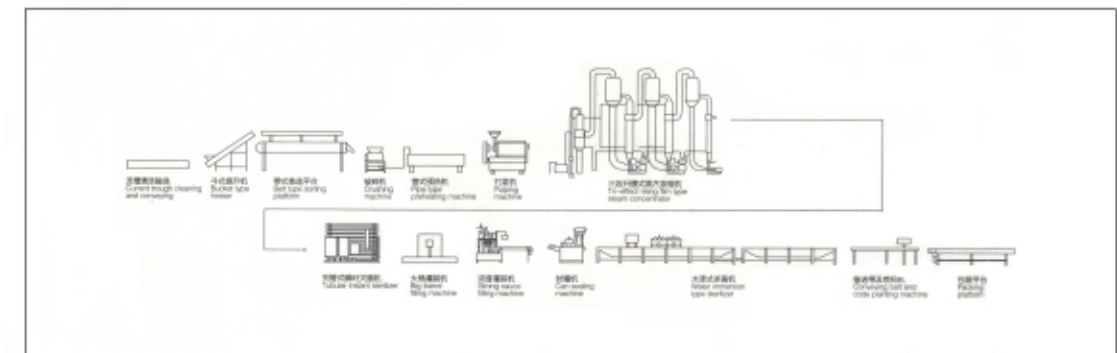
一. 鱼加工工艺及设备示意图

Fish Processing Technology & Equipment Schematic Diagram



二. 番茄酱加工工艺及设备示意图

Ketchup / Tomato Paste Processing Technology & Equipment Schematic Diagram



三. 果汁饮料加工工艺及设备示意图

Fruit Juice / Beverage Processing Technology & Equipment Schematic Diagram

