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Our products has been updating, please forgive us to not note you once anything changes.



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为您提供专业的**挤压膨化食品**生产解决方案
Provide You With Professional and Extrusion Food Solutions

只有不断奋进 · 才有新的突破

Only Constantly Advance
To Have New Breakthrough



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SENA EXTRUSION MACHINERY

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Shandong Sena Machinery Technology Co., Ltd is located in Jinan city, the beautiful spring city, the capital of Shandong province, covering an area of 50000 square meters and supporting plants of 30000 square meters. SENA company has been a collection of scientific research technology, production, sales for the integration of high-tech enterprises, SENA company has experienced management personnel, excellent engineering machinery of scientific and technical personnel and domestic top food technology research personnel and well-trained production technical personnel, with advanced testing laboratory equipment and components, dry food polymer structure test laboratory, the famous peer enterprises at home and abroad various technical exchanges, introduce advanced technology and craft, form a strong technical support system.

As a professional manufacturer of extruded food equipment, SENA company has been committed to the development and production of extruded food technology and equipment in recent years, and has formed a solution supplier of extruded food integrated with related scientific research institutions. According to customer requirements can provide customers with customized solutions in line with the actual production, to achieve the expansion of food production equipment turnkey project. Extrusion system is widely used in: puffed leisure food, breakfast cereals, polymer plant protein meat food, nutrition, reengineering rice, grain and nutrition powder, modified starch, starch based sticky children's educational toys, degradable starch foods such as packing material, breadcrumbs, add accessories, pet food, aquatic feed, biological and chemical, etc.

SENA companies always adhering to the "race of science and technology, co-optation the innovation" &"develop with the customers together" business purposes, has a good reputation in the business reputation, excellent quality and perfect service, the company no matter in production, sales and after-sales service are implemented strict quality management, the views and needs of customers, as a basis for the development and improvement of products, in order to achieve the real solution to customer satisfaction for the customer the quality level.

SENA company during recent years through the domestic market, expand the international market, products sold throughout the country, and exported to southeast Asia, Europe, the United States and Africa and other countries and regions, market share increased year by year. SAINA company will continue to strive for progress and innovation, together with domestic and foreign counterparts to promote the development of the world food industry to make contributions to innovation and create a better world.

企业简介 Introduction Of Company

山东赛纳机械科技有限公司坐落于（中国）山东省的省会，美丽的泉城济南，公司总占地50000平方米，配套厂房30000平方米。公司是集科研技术、生产、销售为一体的高新技术企业，公司拥有经验丰富的经营管理人员，优秀工程机械科研技术人员和国内顶尖的食品工艺的科研人员及训练有素的生产技术人员，拥有食品高分子结构测试先进设备实验室和成分干燥测试实验室，经国内外著名的同行企业多方技术交流，引进先进技术和工艺，形成实力雄厚的技术保障体系。

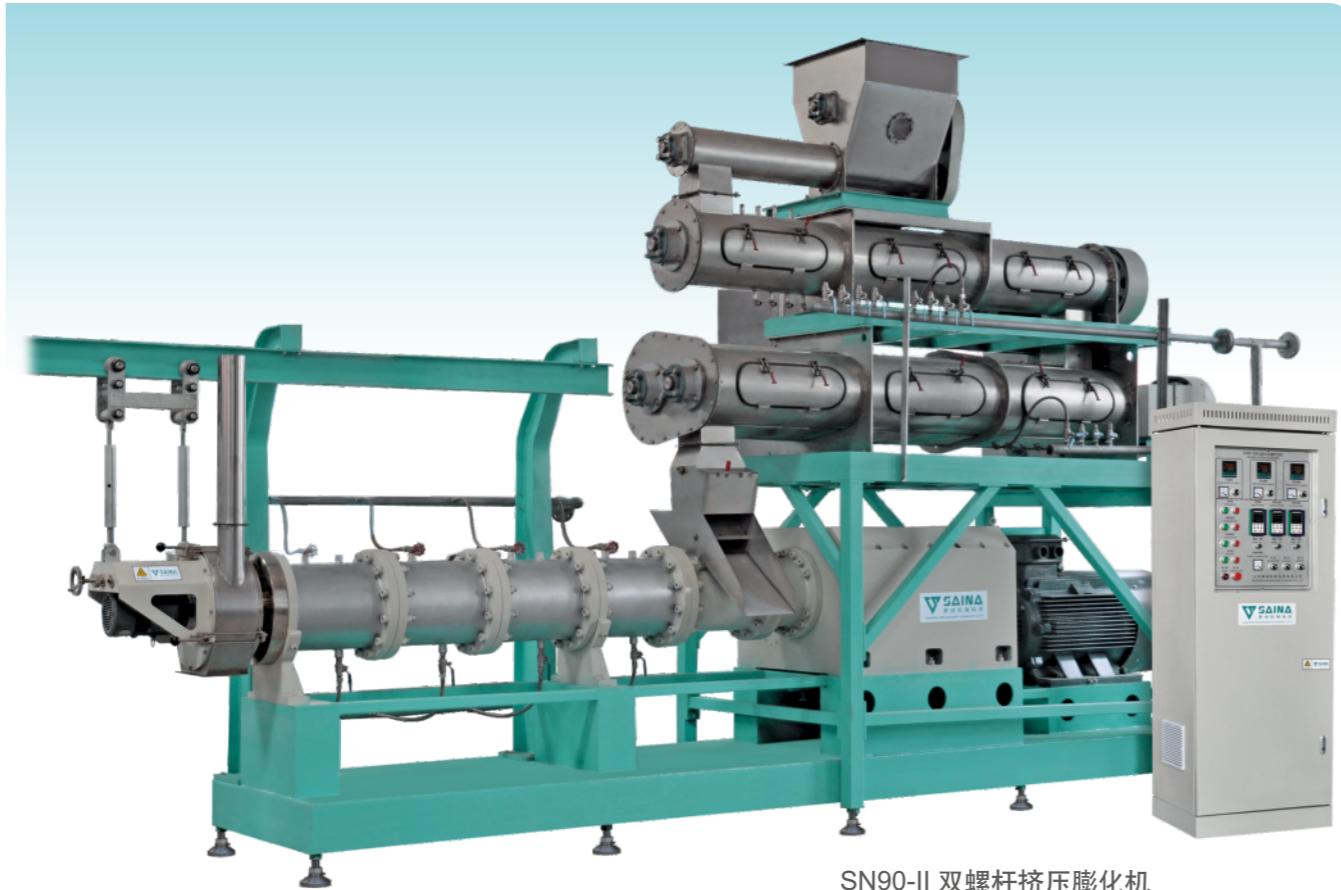
赛纳公司作为膨化食品装备的专业制造商，近年来一直致力于挤压膨化食品工艺及设备的开发和生产，结合相关科研机构，形成产学研一体的膨化食品解决方案供应商。依据客户要求可为客户提供符合实际生产的定制化解决方案，实现膨化食品生产装备交钥匙工程。挤压膨化系统广泛应用于：膨化休闲食品、早餐谷物食品、高分子植物蛋白素肉食品、营养再造米、五谷营养粉、变性淀粉、淀粉基粘粘儿童益智玩具、可降解淀粉基包装填充材料、面包糠等食品添加辅料、宠物食品、水产饲料、生物及化工等领域。

企业秉承“赛科技，纳创新”“与客户共同发展”的经营宗旨，在经营中有着良好的口碑信誉，卓越的品质和完善的服务，公司无论在生产、销售还是在售后服务中都实施严格品质管理，把客户的意见和需求，作为开发和改进产品的依据，以达到真正的为客户解决问题至客户满意的品质水平。

公司近年来打通国内市场，拓展国际市场，产品销往全国各地，并远销到东南亚，欧美和非洲等国家和地区，市场占有率逐年递增。公司将继续努力进取，勇于创新，与国内外同行一起为促进世界食品工业发展做出贡献，创新创造更美好的世界。



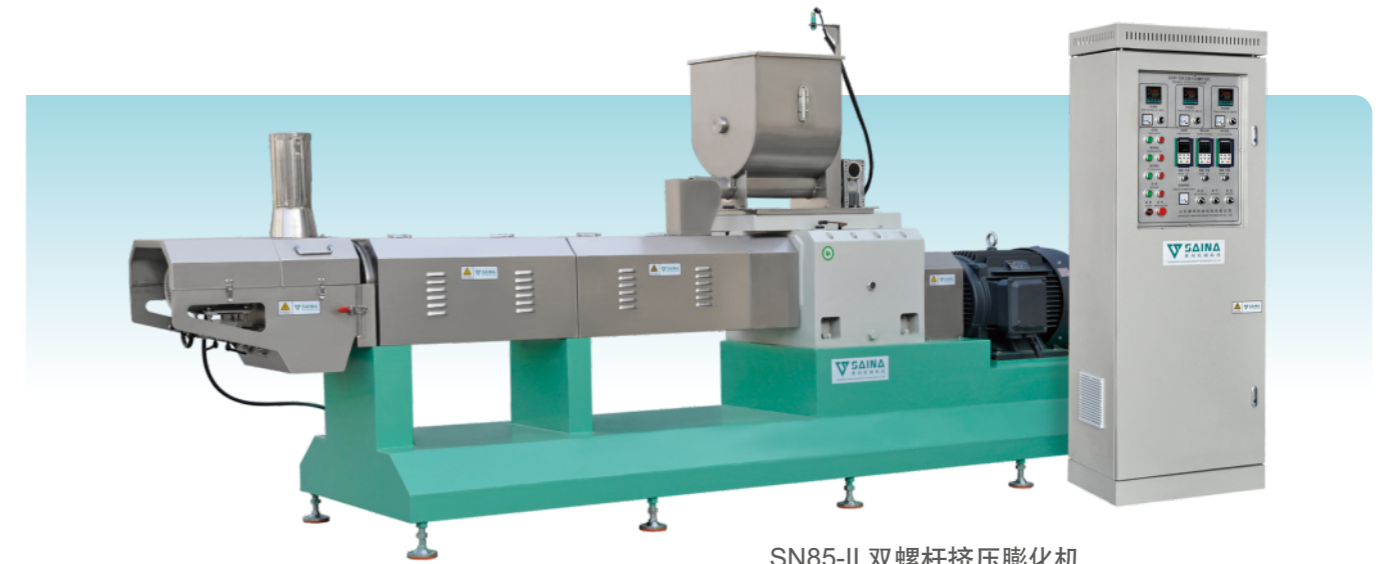
挤压膨化主机系列 Series Of Screw Puffed Extruders



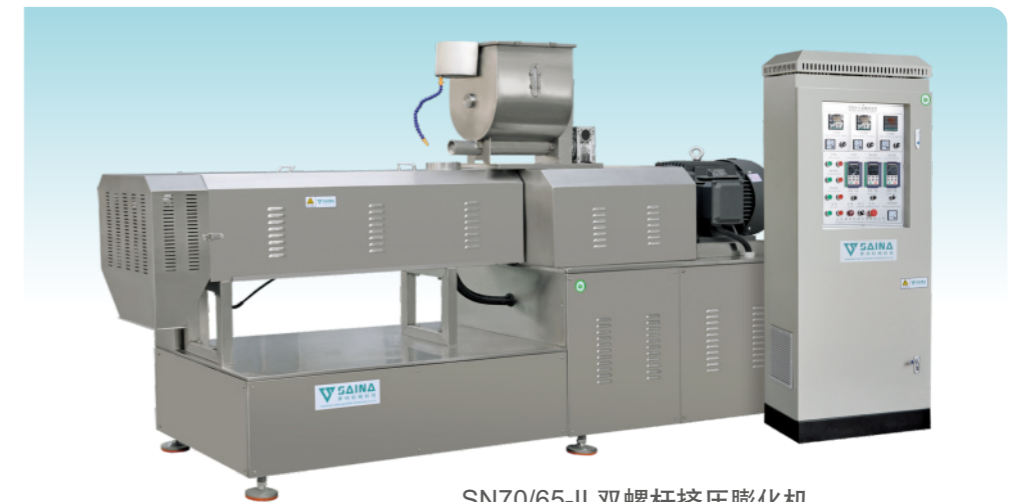
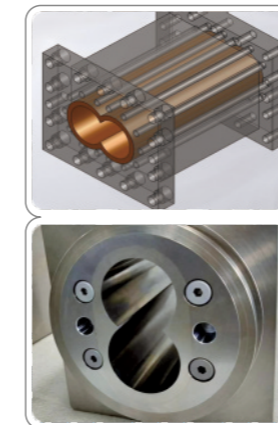
SN90-II 双螺杆挤压膨化机
SN90-II Double-screw Extruder

- ◆ 采用变频器调速，动力强劲、运转平稳、更省电。
 - ◆ 螺杆采用合金钢渗氮处理，寿命更长；积木组合结构，可根据不同需要任意组合。
 - ◆ 强制润滑系统，保证设备传动部分具有更长的寿命。
 - ◆ 可视自动温控系统，温度控制更直观、更精确。
 - ◆ 螺杆具有自清洁功能，停机无需拆卸螺杆清理。
 - ◆ 不同螺杆和长径比可满足不同生产工艺。
 - ◆ 选择不同的机型和配置可以生产不同的产品。
- ◆ Adopts frequency speed controlling with high automation.
 - ◆ The screws are made of the alloy steel and special craft, life is longer. Adopting the building block structure and combining willingly according.
 - ◆ The forced lubrication system, guarantee the transmission life longer.
 - ◆ Auto-temperature control system makes the temperature control more direct viewing and the parameter more precise.
 - ◆ Self-cleaning, it can be cleaned without disassembling.
 - ◆ Different screw design rate to full different technology request.
 - ◆ It has the wide material, multi-shape products and flexible collocations.

设备型号/Model	SN90-II	SN85-II	SN70-II	SN65-II	SN32	SN100
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz
装机功率/Installed Power	135kw	100kw	60kw	45kw	10kw	55kw
实耗功率/Power Consumption	100kw	75kw	45kw	34kw	6kw	41kw
生产能力/Production Capacity	500-800kg/h	450-600kg/h	200-280kg/h	180-200kg/h	10-15kg/h	100-150kg/h
外形尺寸/Overall Dimension	5.5×1.3×2.5m	4.9×1.1×2.3m	3.3×1.0×2.2m	3.0×0.9×2.0m	2.0×0.6×1.5m	3.6×1.1×2.0m



SN85-II 双螺杆挤压膨化机
SN85-II Double-screw Extruder



SN70/65-II 双螺杆挤压膨化机
SN70/65-II Double-screw Extruder



SN32 实验双螺杆挤压膨化机
SN32 Double-screw Test Extruder

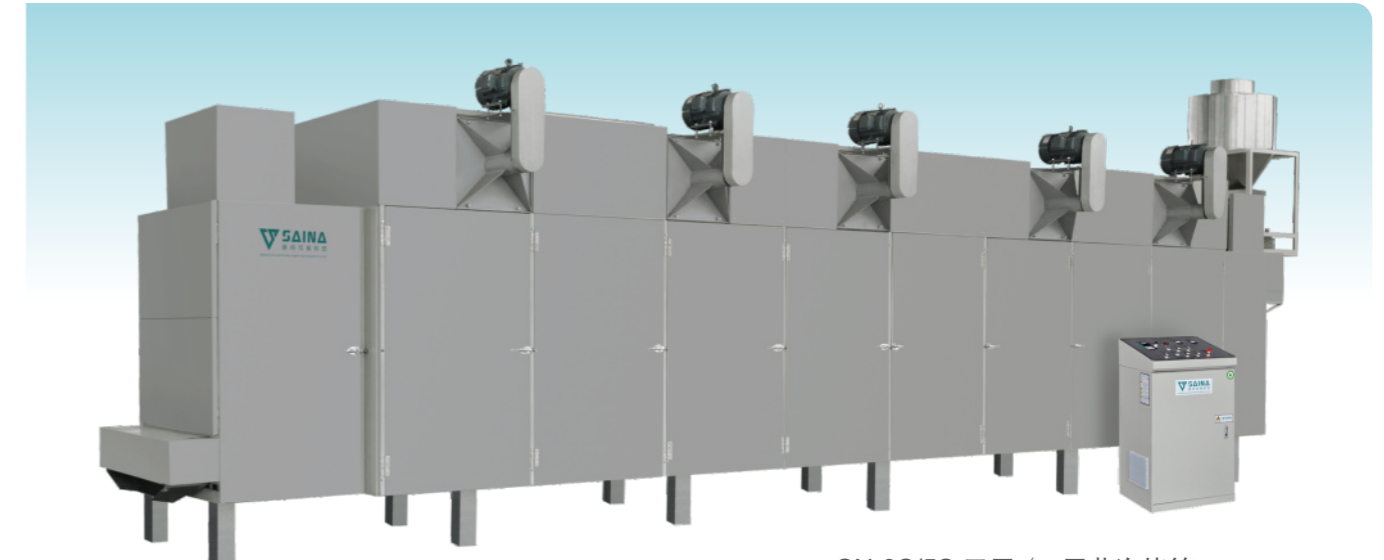


SN100 单螺杆挤压膨化机
SN100 Single-screw Extruder

多层烤箱/烘干机系列 Series Of Multi-layer Dryers



SN-3E/5E 三层/五层电烤箱
3-layer/5-layer Electrical Dryer



SN-3S/5S 三层/五层蒸汽烤箱
3-layer/5-layer Steam Dryer



SN-3G/5G 三层/五层燃油(燃气)烤箱
3-layer/5-layer Diesel Oil (Gas) Dryer



SN-6C/7C 七层冷却干燥机
5-layer/7-layer Cooling Dryer

设备型号Model	SN-3E	SN-5E	SN-3G	SN-5G
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz
电(油)耗Electric(gas) Consumption	35kw	48kw	5-10kg/h(gas)	15-20kg/h(gas)
加热温度Heating Temperature	~200℃	~200℃	~200℃	~200℃
生产能力/Production Capacity	200-300kg/h	300-400kg/h	200-300kg/h	300-400kg/h
外形尺寸/Overall Dimension	5200×1250×1800mm	5200×1250×2200mm	5800×1500×2500mm	5800×1500×2900mm

设备型号Model	SN-3S	SN-5S	SN-6C	SN-7C
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz
电(汽)耗Electric(steam) Consumption	0.5T/h	0.7T/h	6.52kw	8.4kw
加热温度Heating Temperature	~150℃	~150℃	~	~
生产能力/Production Capacity	600-800kg/h	800-1000kg/h	200-300kg/h	300-400kg/h
外形尺寸/Overall Dimension	9000×2100×3000mm	11000×2200×3500mm	6450×1380×2600mm	6450×1380×3180mm

油炸/调味设备系列 Series Of Fryer /Flavoring Machines



LXZ-II连续油炸锅
Continuous Fryer



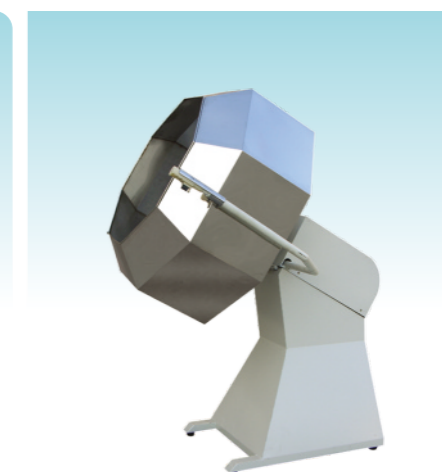
SGT-II双滚筒调味线
Double Roller Flavoring Line



ZYG-II自动油炸锅
Automatic Fryer



DGT-II单滚筒调味线
Single Roller Flavoring Line



TW-II八角调味机
Eight Square Flavoring Machine

主机型号/Model	LXZ-II	ZYG-II	SGT-II	DGT-II	TW-II
电源电压/Input Voltage	380V/ 50Hz	380V/ 50Hz	380V/ 50Hz	380V/ 50Hz	380V/ 50Hz
装机功率/Installed Power	95kw	42kw	4.4kw	1.5kw	0.75kw
生产能力/Capacity	200-300kg/h	150-200kg/h	150-200kg/h	150-200kg/h	100-200kg/h
外型尺寸/Dimension	4.0×1.3×2.1m	4.6×2.0×2.2m	5.2×1.5×2.0m	3.0×1.0×1.8m	1.0×1.2×1.8m

夹心米果、休闲食品生产线 Core Filling Snack /Puffed Snacks Food Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 双螺杆主机/ Double-screw extruder
- ④ 夹心机/ Core filler
- ⑤ 多功能整形机/ Multi-function shaper
- ⑥ 提升机/ Hoister
- ⑦ 烤箱/ Dryer
- ⑧ 自动调味线/ Flavoring line

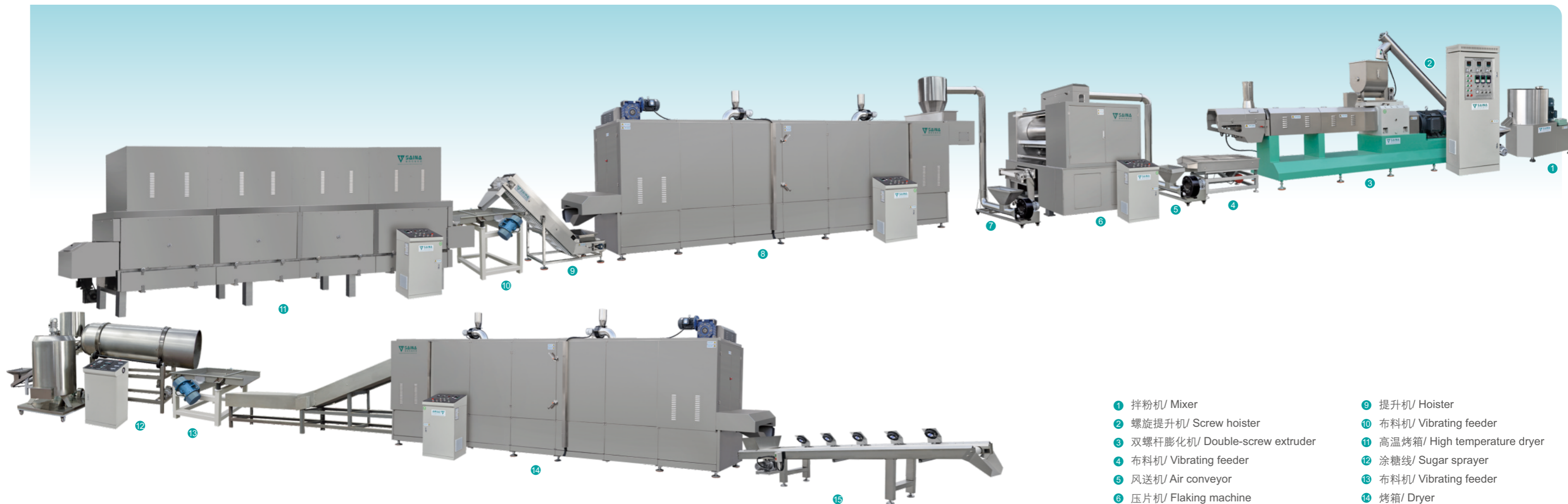


该生产线从原料配制、挤压膨化、夹芯、成型、切断、喷涂、调料到成品一次完成，自动化程度高；具有可选机型多、设备配置灵活、原料范围广泛、产品种类多、操作简单等特点。更换模具和生产工艺可生产夹心米果、夹心饼、麦烧、麦香鸡块、营养早餐、玉米片等膨化产品。经膨化后的食品具有口感酥脆、易消化、香味独特，是消费者理想的休闲食品。

Core Filling Snack/ Puffed Leisure Food production line can do the works of raw materials preparation, extrusion, core filling, shaping, cutting, coating and flavoring at a time, which is high automation degree. This production line has the advantages of more machines choice, flexible and diverse configurations, wide range of raw materials application, numerous in products variety and easy operation. It can make the puffed food, such as core filling snack food, filling biscuit, nutrition breakfast, corn flakes etc. After being puffed, the products are crispy, easy to digest and unique taste. They are the perfect leisure food for consumers.

设备型号/Model	SN65-II	SN85-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz
装机功率/Installed Power	68kw	104kw
实耗功率/Power Consumption	58kw	85kw
生产能力/Production Capacity	120-150kg/h	180-250kg/h
外形尺寸/Overall Dimension	20000×900×2200mm	22000×1100×2500mm

玉米片、早餐谷物生产线 Corn Flakes /Breakfast Cereals Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 双螺杆膨化机/ Double-screw extruder
- ④ 布料机/ Vibrating feeder
- ⑤ 风送机/ Air conveyor
- ⑥ 压片机/ Flaking machine
- ⑦ 风送机/ Air conveyor
- ⑧ 烤箱/ Dryer
- ⑨ 提升机/ Hoister
- ⑩ 布料机/ Vibrating feeder
- ⑪ 高温烤箱/ High temperature dryer
- ⑫ 涂糖线/ Sugar sprayer
- ⑬ 布料机/ Vibrating feeder
- ⑭ 烤箱/ Dryer
- ⑮ 冷却输送机/ Cooling conveyor

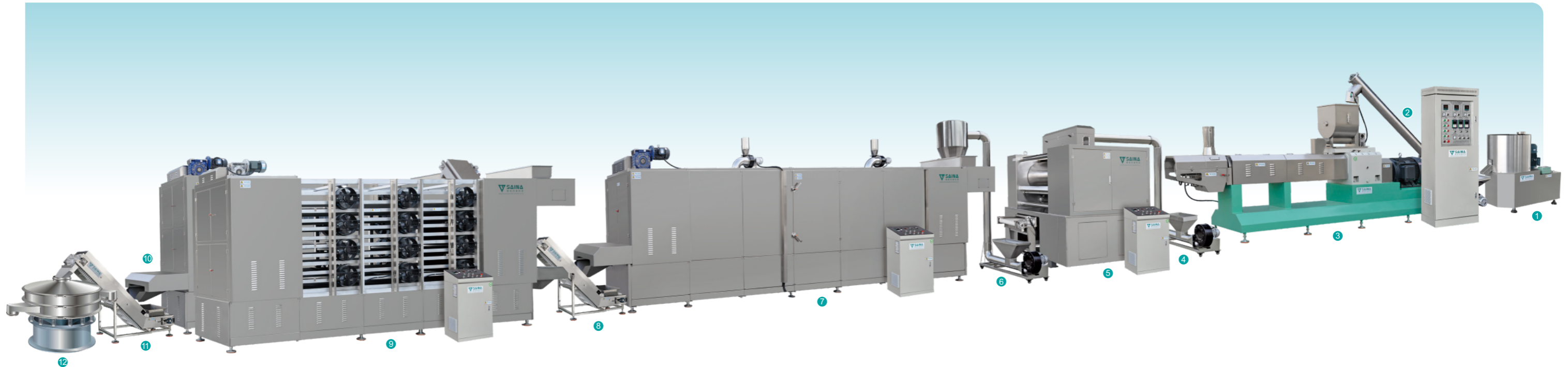
玉米片/早餐谷物是一种脆性食品，具有外冲不烂，谷物味香浓的特点；主要是以玉米粉和其他谷物为主要原料，经原料混合、挤压膨化、压片、干燥、高温烘焙、喷糖调味、干燥、冷却等工艺制造出的脆片，通常可作为零食或拌以牛奶、咖啡食用。更换模具和选择合适的生产工艺可生产圆圈、球状、片状、星状、字母等产品。

Corn flake /Breakfast cereal is one kind of crispy food, with the advantages of hard to be steeped broken and strong grain taste. It is the crispy flake which is made from corn meal and the other grains powder. The production line includes mixing, extruding, flaking, drying, high temperature baking, flavoring and cooling. It can be eaten like snack, and be eaten with milk or coffee as well. By changing moulds and production process, this production line can make different shapes of puffed food. Such as ring, ball, flake, star, letter etc.

设备型号Model	SN70-II	SN85-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz
装机功率/Installed Power	205kw	235kw
实耗功率/Power Consumption	156kw	178kw
生产能力/Production Capacity	200-260kg/h	300-400kg/h
外形尺寸/Overall Dimension	49000×1300×2500mm	50000×1300×2800mm



苦荞片食品生产线 Tartary Buckwheat Chips Food Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 双螺杆膨化机/ Double-screw extruder
- ④ 风送机/ Air conveyor
- ⑤ 压片机/ Flaking machine
- ⑥ 风送机/ Air conveyor
- ⑦ 烤箱/ Dryer
- ⑧ 提升机/ Hoister
- ⑨ 一次冷却机/ Cooling dryer
- ⑩ 二次冷却机/ Cooling dryer
- ⑪ 提升机/ Hoister
- ⑫ 筛选机/ Sizer

苦荞片以苦荞为主要原料，经过拌粉、挤压成型、压片、烘干、冷却等工序精制而成，富含苦荞黄酮、膳食纤维、叶绿素、镁、硒等生物活性成分及钙、铁、锌、维生素等多种微量元素，口感清香，营养丰富，易于消化，是改善饮食结构、老少皆宜的健康绿色食品。公司以精湛的技术，专业的服务，竭诚为客户提供全方位、性价比高的苦荞片生产方案。

Tartary buckwheat chips as the main raw material, through mixing powder, extrusion, pelleting, drying, cooling and other process refined but become, rich in buckwheat flavone, dietary fiber, chlorophyll, magnesium, selenium and other biological activity compounds and calcium, iron, zinc, vitamin and so on many kinds of trace elements, taste fragrance, rich nutrition, easy to digest, is to improve diet and healthy green food for young and old. The company with superb technology, professional service, dedicated to provide customers with a full range of cost-effective Tartary buckwheat tablets production program.



设备型号/Model	SN70-II	SN85-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz
装机功率/Installed Power	145kw	165kw
实耗功率/Power Consumption	108kw	125kw
生产能力/Production Capacity	250-300kg/h	350-450kg/h
外形尺寸/Overall Dimension	32000×1300×2500mm	35000×1300×2800mm

营养米、人造大米生产线 Reconstituted Rice /Artificial Rice Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 双螺杆膨化机/ Double-screw extruder
- ④ 布料机/ Vibrating feeder
- ⑤ 风送机/ Air conveyor
- ⑥ 烤箱/ Dryer
- ⑦ 冷却输送机/ Cooling conveyor

营养米、人造大米生产线是公司根据现在的食品营养需要，结合国外先进技术基础上，开发生产的一款适合现代企业生产需求的具有自动化程度高、节能食品生产设备。该生产线可采用大米、小米、黑米、荞麦等各种五谷杂粮为原料，加入各种维生素、蛋白质和矿物质进行处理，在挤压机中挤压、熟化、成形后重新生成新的强化大米、黄金米、荞麦米、紫薯米等，其食用方法与天然的大米一样而且更简单方便。

Nutritional rice production line is based on food nutritional demand and advanced technology. It is fit for modern enterprise. It has the advantages of high automatic and saving energy. This production line can adopt rice, millet, black rice, buckwheat etc. as main materials. Then it can be treated with vitamins, protein and mineral substance. After the processes of extruding, cooking and shaping, the materials can be made to reinforced rice, golden rice, buckwheat rice, Purple potato rice etc. The cooking method is same as natural rice. Even more, it is easier and more convenient.



设备型号/Model	SN65-II	SN85-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz
装机功率/Installed Power	85kw	105kw
实耗功率/Power Consumption	65kw	80kw
生产能力/Production Capacity	150-200kg/h	400-500kg/h
外形尺寸/Overall Dimension	18000×900×2200mm	20000×1200×2500mm



营养粉/变性淀粉生产线 Baby Food /Modified Starch Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 双螺杆膨化机/ Double-screw extruder
- ④ 风送机/ Air conveyor
- ⑤ 烤箱/ Dryer
- ⑥ 风送机/ Air conveyor
- ⑦ 粉碎机/ Milling system

营养粉生产线是以大米、玉米、豆类等各种谷物为原料，经挤压膨化、干燥、粉碎和混合，可生产各种营养粉，如婴儿米粉、芝麻糊和豆粉等。生产线从投料到成品自动完成，操作简单，无粉尘泄露，卫生节能；可方便地配以各种原料和营养素。

Nutritional Powder Production Line uses rice, corn, beans and all kinds of grains as raw materials. Through extruding, inflating, drying, crushing and mixing, it could produce many kinds of nutrition powder, such as baby rice powder, sesame paste, beans powder and so on. This line could finish all the process automatically from the feeding to the end. It has features of easy operation, without leak of powder dust, sanitation, saving energy and easy to add all kinds of raw materials and nutriment.

变性淀粉生产线经过调节双螺杆挤压机机筒和螺杆结构，经挤压膨化、干燥、粉碎，可以同时生产多元化的变性淀粉系列产品，适用于纺织品制造、食品加工、造纸、建材、铸造、石油钻井等领域。

Modified Starch Production Line can make modified Starch, denatured starch, pre gel starch by changing different designed barrel and screws of double screw extruder. Through extruding, inflating, drying, crushing. Modified starch is widely used in textile, food process, oil drilling, paper, construction industries etc.



设备型号/Model	SN65-II	SN70-II	SN85-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz
装机功率/Installed Power	85kw	108kw	145kw
实耗功率/Power Consumption	64kw	81kw	108kw
生产能力/Production Capacity	120-150kg/h	200-300kg/h	400-500kg/h
外形尺寸/Overall Dimension	20000×900×2200mm	22000×1100×2300mm	24000×1200×2500mm

组织蛋白、拉丝蛋白生产线 Soybean Protein & Drawing Protein Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 双螺杆膨化机/ Double-screw extruder
- ④ 多功能整形机/ Multi-function shaper
- ⑤ 提升机/ Hoister
- ⑥ 烤箱/ Dryer
- ⑦ 冷却输送机/ Cooling conveyor

植物组织蛋白食品生产线是我公司根据国内外市场的需求，根据多年的挤压膨化技术，向市场推出的一种生产高蛋白、高纤维的膨化设备。物料在螺杆的推进下，在机筒内经过高温、高压、高剪切而发生蛋白组织化。生产出的产品肉质感强，纤维状态好韧性高，深受生产厂家青睐；产品可添加到火腿，香肠，罐头食品以及多种即食食品来增加食品的咀嚼感。

Textured Soy Protein is made from defatted soy flour, which is low oil soy material. so it is plentiful in supply. It is with a great source of vegetable protein without all the fat. Textured Soy Protein comes in small dry chunks resembling, well, dried vegetables more than anything, or in a finely-ground form. It's flavorless, but when you rehydrate it and add your own flavors, it makes a great protein-filled addition to many dishes calling for ground meat. Because of its varying texture, it's versatile, and can take on the texture of many meats. For instance, it's excellent in chili, tacos, veggie burgers and soups. With muscle structure, it has better absorbency and can defend without cholesterol. It can be boiled in high temperature with different tastes, or added into meal product as stuffing.



设备型号/Model	SN65-II	SN85-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz
装机功率/Installed Power	100kw	155kw
实耗功率/Power Consumption	75kw	118kw
生产能力/Production Capacity	180-250kg/h	300-500kg/h
外形尺寸/Overall Dimension	19000×900×2200mm	21000×1200×2500mm

面包糠、面包屑生产线 Bread Crumbs Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 双螺杆主机/ Double-screw extruder
- ④ 多功能整形机/ Multi-function shaper
- ⑤ 提升机/ Hoister
- ⑥ 烤箱/ Dryer
- ⑦ 提升机/ Hoister
- ⑧ 粉糠机/ Pulverizer
- ⑨ 风送机/ Air conveyor
- ⑩ 筛糠机/ Sizer

该生产线是基于先进的挤压技术设计而成的，其质量与运行均达到国内先进水平。生产线改变了传统面包糠的生产工艺，生产流程为拌料、挤压、切断、破碎、干燥全部自动化完成。面包糠广泛用于食品添加辅料，用于油炸食品表面涂裹，如：炸鸡肉、鱼肉、海产品(虾)、洋葱圈等；其味香酥脆软、可口鲜美、营养丰富。

This process line is researched and developed on the basis of international advanced technology. The performance and quality have reached the highest domestic level of the same line. The line changes the traditional making process. From mixing materials, extruding, cutting, drying to finished products are done in one automatic line. The bread crumb is widely used as food coating additives on the surface of frying foods like: frying chicken, fish, sea foods (Shrimp), onion ring etc. The taste is fragrant, crispy, delicious and with rich nutrition.



设备型号/Model	SN65-II	SN70-II	SN85-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz
装机功率/Installed Power	65kw	95kw	125kw
实耗功率/Power Consumption	50kw	72kw	94kw
生产能力/Production Capacity	120-200kg/h	200-300kg/h	400-500kg/h
外形尺寸/Overall Dimension	26000×900×2200mm	28000×1100×2300mm	30000×1200×2500mm

多力多滋、锅巴、沙拉、妙脆角生产线 Doritos /Crispy Chips /Sala Production Line



- ① 拌粉机/ Mixer
- ⑤ 滚筒筛/ Separating screen
- ② 螺旋提升机/ Screw hoister
- ⑥ 连续油炸机/ Continuous fryer
- ③ 双螺杆主机/ Double-screw extruder
- ⑦ 振动脱油机/ Vibrating de-oiler
- ④ 成型机/ Forming machine
- ⑧ 自动调味线/ Flavoring machine

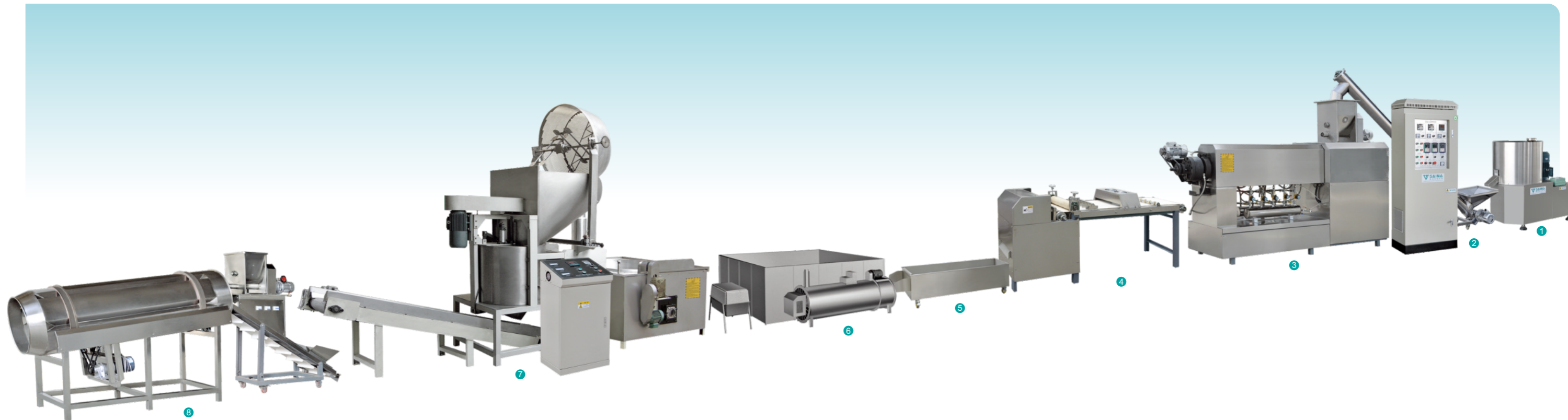
该生产线以面粉为主要原料，采用螺杆挤压成型技术辅以形状各异的挤出模具挤压成型，再经油炸、调味制成“三角片”、“多力多滋”、“锅巴”、“沙拉”、“妙脆角”等多种形状及口味的油炸面食食品，产品造型逼真、组织细腻、口感酥脆。挤出成型的产品可以直接油炸，无需烘干，生产工艺简单，设备投资小，是中小企业的理想选择。

The device to the flour as the main raw material, the use of screw extrusion molding technology combined with the shapes of the extrusion die extrusion, and then fried, flavored salad, banana chips, pizza volume realistic shell cakes, cat ears crisp, "snail" a variety of shapes and flavors of fried pasta food, product modeling, the organization is delicate, crisp taste. Extrusion products can be fried, without drying, the production process is simple, small investment in equipment is the ideal choice for small and medium enterprises.



设备型号Model	SN65-II(多力多滋)	SN70-II(多力多滋)	SN65-II(锅巴、沙拉、妙脆角等)
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz
装机功率/Installed Power	75kw	120kw	45kw
实耗功率/Power Consumption	56kw	90kw	34kw
生产能力/Production Capacity	120-150kg/h	200-350kg/h	150-200kg/h
外形尺寸/Overall Dimension	26000×900×2100mm	28000×1100×2100mm	19000×3300×2200mm

螺旋、贝壳、通心粉食品生产线 Spiral / Shell / Macaroni Food Production Line



- ① 拌粉机/ Mixer
- ② 螺旋提升机/ Screw hoister
- ③ 单螺杆膨化机/ Single screw extruder
- ④ 牵引切断机/ Pulling and cutting machine
- ⑤ 冷却床/ Cooling machine
- ⑥ 热风干燥机/ Hot air dryer
- ⑦ 自动油炸锅/ Automatic fryer
- ⑧ 自动调味线/ Flavoring machine

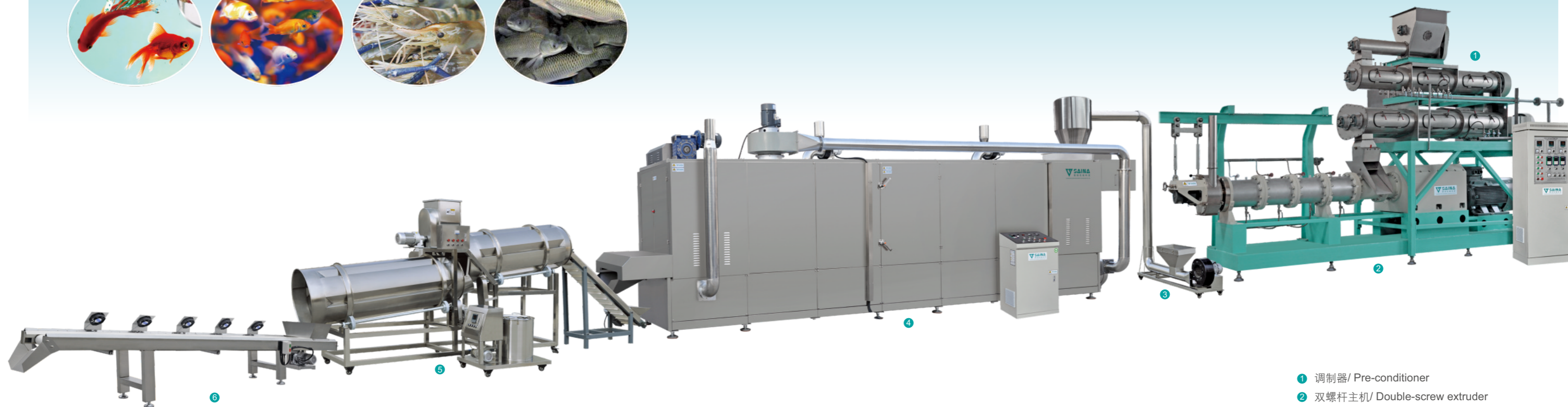
该生产线主要以马铃薯淀粉、玉米淀粉，面粉为原料利用独特的挤压成型工艺，生产市场上流行的形状各异的二次膨化食品。该生产线设计合理，自动化程度高，挤压参数控制精确，主机配有高低压螺杆，增加了原材料的使用范围，降低了成本，改善了产品的品质。主要产品有螺旋、贝壳、圆管、方管、圆圈、卡通形、运动形等。

Crispy pea/screw/shell extruded food processing line adopts potato starch, potato powder and corn starch as main materials, to produce a variety of twice extrusion ones in different shapes, which are popular in the market, such as crisp pea, shell, screw, square tube, round tube, and wave. This line is characterized by unique technique, rational configuration, high automation and stable performance. It can finish steaming, extrusion and shaping in one step without boiler.



设备型号/Model	SN100	SN130
电源电压/Input Voltage	380V 50Hz	380V 50Hz
装机功率/Installed Power	95kw	125kw
实耗功率/Power Consumption	72kw	95kw
生产能力/Production Capacity	80-120kg/h	150-250kg/h
外形尺寸/Overall Dimension	22000×1100×2100mm	24000×1200×2300mm

大型水产饲料生产线 Large-scale Aquatic Feed Production Line



- ① 调制器/ Pre-conditioner
- ② 双螺杆主机/ Double-screw extruder
- ③ 风送机/ Air conveyor
- ④ 烤箱/ Dyer
- ⑤ 自动调味线/ Flavoring machine
- ⑥ 冷却输送机/ Cooling conveyor

水产饲料生产线生产出来的水产食品具有膨化松软熟，蛋白质高、营养成份齐全，长时间漂浮水面，不浪费饲料，并且加入微量元素，可以促进鱼类快速生长，是不同生产厂家比较理想的选择。

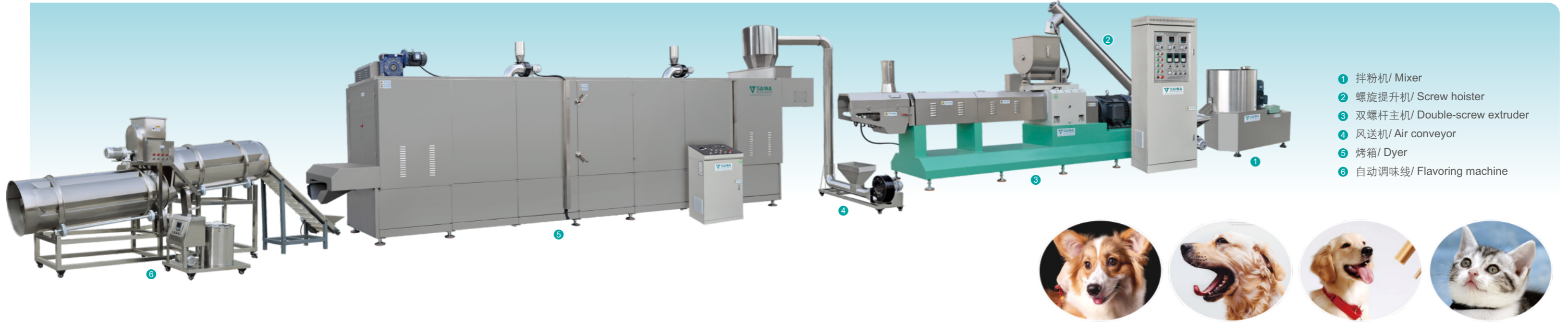
Aquatic feed aquatic foods have expanded out of soft, medium, high protein, complete nutrients, floating to the surface for a long time and no waste feed, and add trace elements, can promote the rapid growth of fish, is the ideal choice for comparison of different manufacturers.



设备型号/Model	SN85-II	SNS90-II	SN135-II
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz
装机功率/Installed Power	95kw	145kw	185kw
实耗功率/Power Consumption	70kw	105kw	135kw
生产能力/Production Capacity	500-800kg/h	800-1200kg/h	1500-2000kg/h
外形尺寸/Overall Dimension	26000×1200×3200mm	28000×1300×3500mm	32000×1500×3800mm



宠物食品生产线 Pet Food Production Line



宠物咬胶型食品生产线 Pet Chews Production Line



宠物食品生产线赋予宠物食品以新颖的形状，独特的口味和色彩，并且以最科学的营养配比和易于消化等特点来适应不断发展的宠物食品市场。丰富多采的形状和口味适应各种宠物食品的要求。宠物食品生产线由拌粉机、双螺杆挤出机、风送机、干燥机和调味线组成。

Pet food line is assigned to pet food with innovative shapes, unique taste and color, and to scientific nutrition proportion and easy to digest and other features to adapt to the constantly evolving pet food market. Taste of varied shapes and meet the needs of all kinds of pet food. Pet food production line by mixing powder, double screw extruder, air machine, drying and seasoning line composition.



设备型号/Model	SN65-II	SN85-II	SN100(胶胶)
电源电压/Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz
装机功率/Installed Power	88kw	145kw	65kw
实耗功率/Power Consumption	65kw	108kw	50kw
生产能力/Production Capacity	200-300kg/h	300-500kg/h	80-120kg/h
外形尺寸/Overall Dimension	20000×900×2200mm	22000×1200×2500mm	16000×1100×2200mm

包装机系列 Series Of Packing Machinery



SNK-520全自动颗粒包装生产线(组合称量)
Full-automatic Vertical Granule Packing Line

- ◆ 进口PLC全电脑控制系统，人机界面，触摸屏操作简便、直观，性能卓越；
- ◆ 伺服运膜系统，定位准确、包装美观；
- ◆ 完善的自动报警保护功能，将损耗减到最低；
- ◆ 本机与计量装置配套即可自动完成计量、送料、充填制袋、日期打印的全部包装过程。
- ◆ PLC control with touch panel-step by step instruction.
- ◆ Equipped with servo winding system, pneumatic control system.
- ◆ The maximize to improve the whole machine's precision, reliability and stability.
- ◆ Use intellectual temperature controller, high temperature to ensure the neat sealing.
- ◆ The perfect automatic alarm safety protection, little waste. This machine completes the whole packing procedure of measuring, feeding, bagging, date printing, charging (exhausting), products out-putting. Counting automatically.

设备型号Model	SNK-420	SNK-520	SNK-720
电源规格Power specification	3.0Kw/220V, 50Hz	3.5Kw/220V, 50Hz	4.5Kw/220V, 50Hz
包装速度Packing speed	≤45bag/min	≤45bag/min	≤45bag/min
包装袋尺寸Pouch size	W:50-200mm L:100-300mm	W:100-250mm L:100-350mm	W:100-350mm L:100-450mm
包装重量Packing weight	10-1000g	10-1000g	10-1000g
外型尺寸Dimension	1430×980×1700mm	1530×1200×1700mm	1780×1350×2000mm



SNF-398自动粉剂包装机
Automatic Powder Packing Machine



SN-50电子定量包装称
Electronic Quantitative Packing Scales



SN-350高速枕式包装机
Fast Pillow Packing Machine



SNK-1000自动颗粒包装机
Volumetric Cup Packing Machine

设备型号Model	SNF-398	SN-50	SN-350	SNK-1000
电源规格/Power specification	3.0Kw/220V, 50Hz	1.5Kw/380V, 50Hz	4.2Kw/220V, 50Hz	2.0Kw/220V, 50Hz
包装速度/Packing speed	≤50bag/min	240bag/h	20-200bag/min	20-60bag/min
包装袋尺寸/Pouch size	W:50-200mm L:100-300mm	Air source: 0.4-0.8Mpa	W:100-260mm L:150-330mm	W:50-280mm L:50-190mm
包装重量/Packing weight	10-500g	25-50kg	10-500g	100-1000ml
外型尺寸/Dimension	1400×980×1700mm	750×1360×2400mm	4380×880×1500mm	1200×900×2000mm