

LOYAL INDUSTRIAL

世界领先食品设备专家

THE WORLD'S LEADING FOOD EQUIPMENT EXPERTS

专业的食品设备供应商

PROFESSIONAL FOOD EQUIPMENT SUPPLIER



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森像机械设备 Loyal Industrial

COMPANY PROFILE

公司简介

山东森像机械设备有限公司,专业从事食品工程项目的研发、生产、销售,公司是中国具有一定规模的食品机械加工商和整厂工程综合问题解决商。

我们公司致力于食品机械的制造、研发和推广。包括单双螺杆挤出机、多层连续式烤箱,微波杀菌解冻设备,全自动调味机,油炸机,玉米片早餐谷物生产线,宠物食品水产饲料生产线,方便面生产线,饼干生产线,素食组织蛋白生产线等等,设备全部实现了自主设计和生产,获得多项专利,可为广大用户提供食品的生产装备、工艺、配方研发和应用技术的指导,能够根据客户的具体要求给客户提供全套的项目解决方案,提出对食品厂的建议,规划,项目设计和完整的交钥匙工程,使该项目适应您的预算和特定的生产需求!

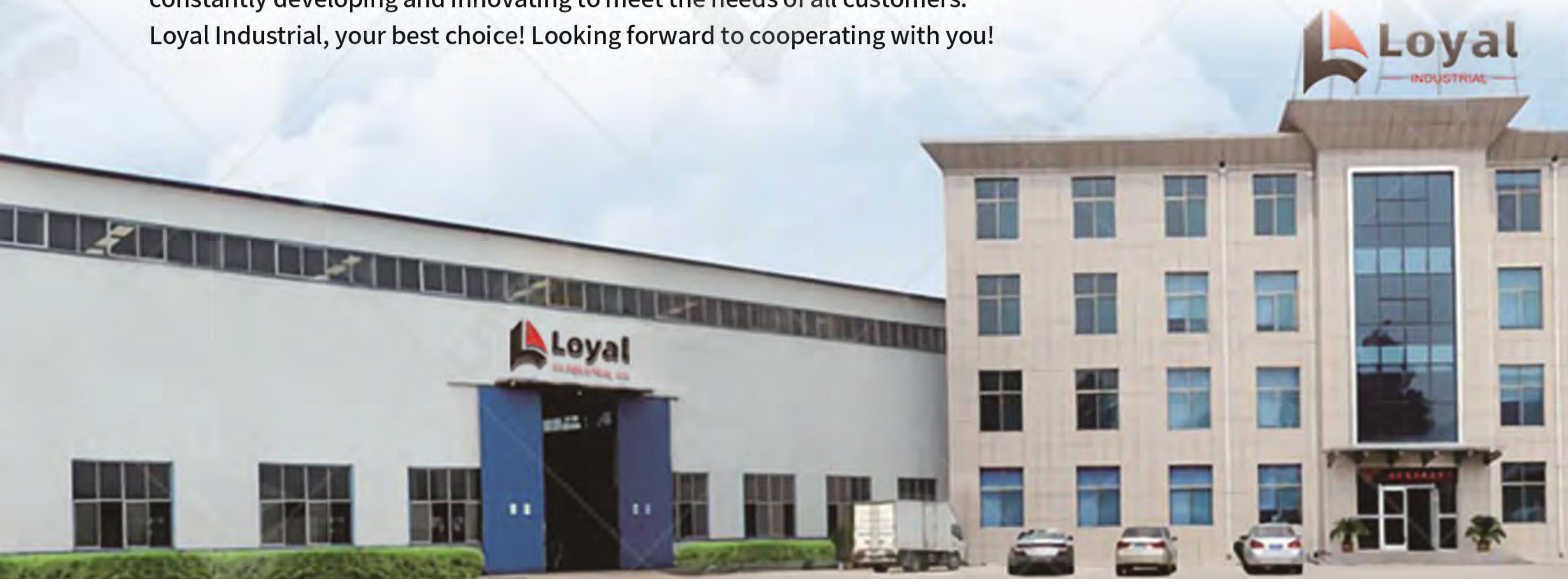
工厂占地面积22500多平方米,拥有125多名工人,其中包含机械工程师22名,11名富有经验的食品工艺师负责产品研发,15位售后服务人员24小时服务为客户解除设备故障。公司拥有外贸人员27名,已经出口膨化食品机械到超过116个国家,在韩国,印度尼西亚,孟加拉,西班牙已经有分公司,专注当地市场!作为食品机械的领导者,我们一直在不断的开拓,创新,以此来满足所有客户的需求。

森像机械,您最佳的选择!期待与您的合作!

Shandong Loyal Industrial Co., Ltd. specializes in the R&D, production and sales of food engineering projects. The company is a large-scale food machinery processor and comprehensive problem solver for whole plant engineering in China.

Our company is committed to the manufacture, research and development and promotion of food machinery. The company's products include single and twin-screw extruders, multi-layer continuous oven, microwave sterilization and thawing equipment, automatic seasoning machine, fryer, cornflakes and breakfast cereal production line, pet food and aquatic feed production line, instant noodle production line, biscuit production line, vegetarian soya protein production line etc. All the equipment has been independently designed and produced, and has obtained a number of patents, which can provide users with guidance on food production equipment, technology, formula development and application technology. We are able to provide customers with a complete set of project solutions according to their specific requirements, and we can also provide suggestions for food factories, planning, project design and complete turnkey projects. Thereby adapting the project to the customer's budget and specific production needs!

The factory covers an area of more than 22,500 square meters and has more than 125 workers, including 22 mechanical engineers, 11 experienced food technologists responsible for product research and development, and 15 after-sales service personnel to provide 24-hour service for customers to solve equipment failures. The company has 27 foreign trade personnel and has exported puffed food machinery to more than 116 countries. There are branches in South Korea, Indonesia, Bangladesh, and Spain, focusing on the local market! As a leader in food machinery, we have been constantly developing and innovating to meet the needs of all customers.





山东森像机械设备有限公司 Shandong Loyal Industrial Co.,Ltd.

PATENT CERTIFICATE

专利证书





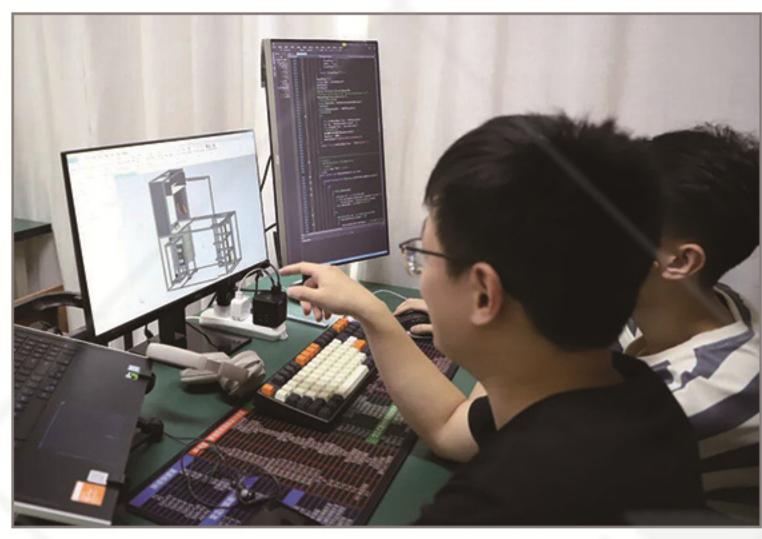


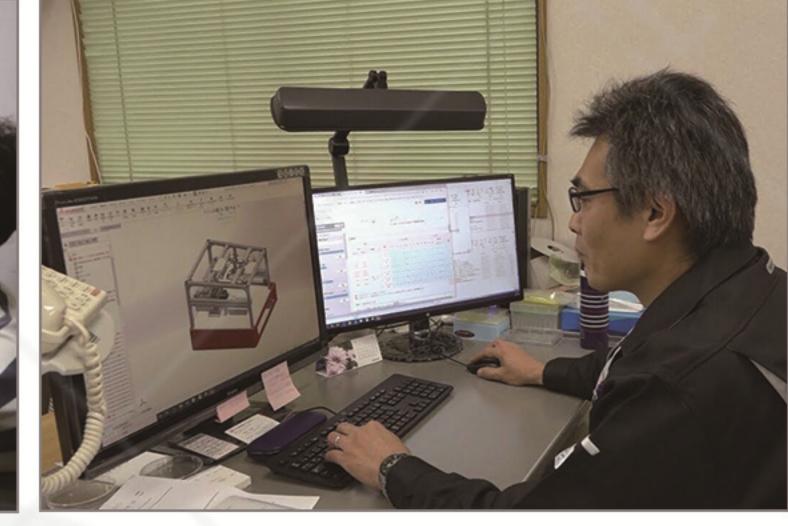
TEAM INTRODUCTION

团队介绍



















・研发团队

专业团队,高端品质,量身打造食品生产工程方案

Research and development team

Professional team, high quality customized Whole food process project solution.

・技术设计团队

从业二十年的机械设计人才

Technical design team

Mechanical design talents with 20 years of experience.

Pre-Sales Service

- · Inquiry and consulting support.
- · Sample testing support.
- · New product development and machine design.

生产团队

production team

Research and development team

Production team-Our senior technicians are masters of machine manufacture.

・售后服务团队

深谙食品加工工艺的资深售后人员

After-sales service team

Senior after-sales personnel who are well versed in food processing technology.

专业销售团队

最好的团队,你永远忠实的合作伙伴 Professional sales team

The best team, your forever loyal partner.

年销售额	工厂规模	员工	出口国家	专利技术
Annual Sales	Factory Scale	Employee	Exporting Country	Patent
6000 万人民币	22500 平	200 人	116个	55个
40 Million	22500 Square Meters	200 People	116 Countries	55 Patents

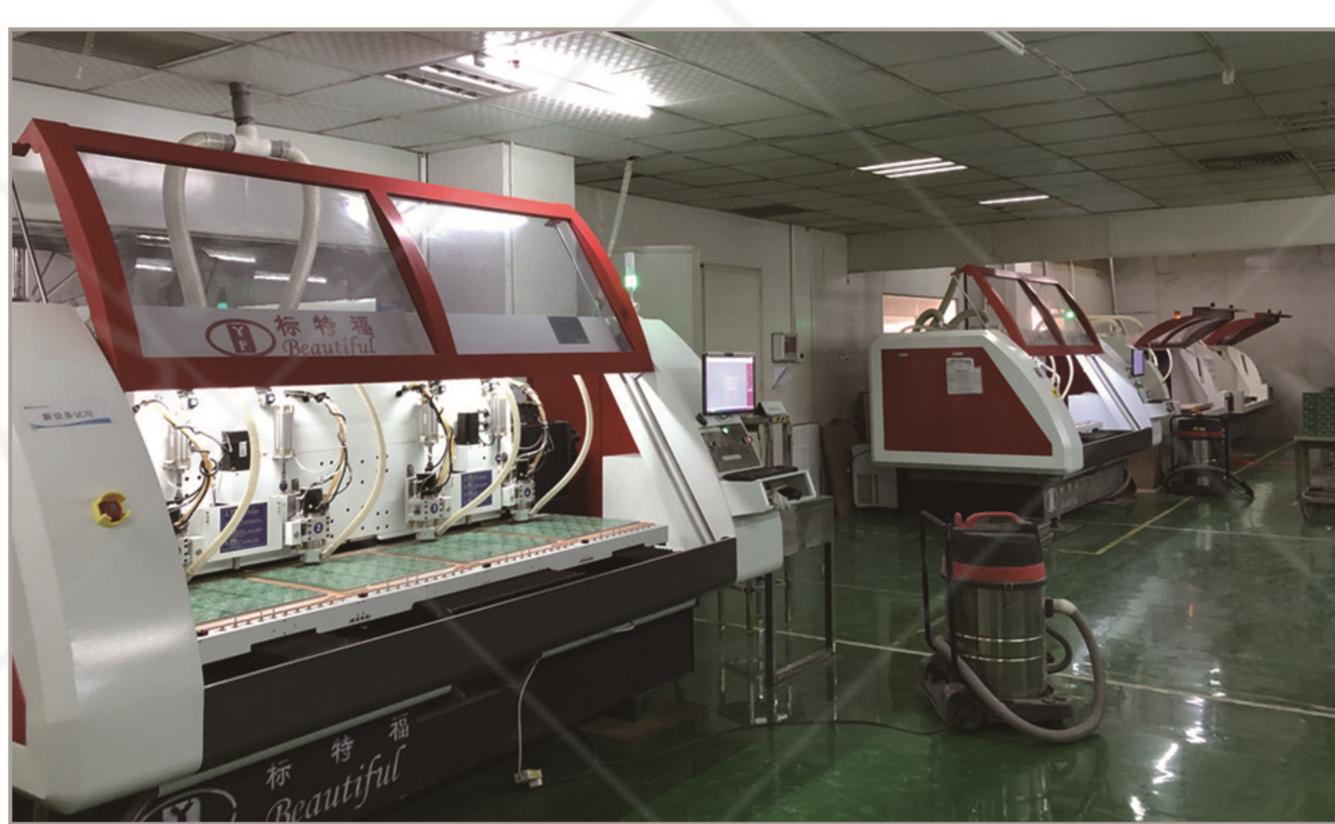


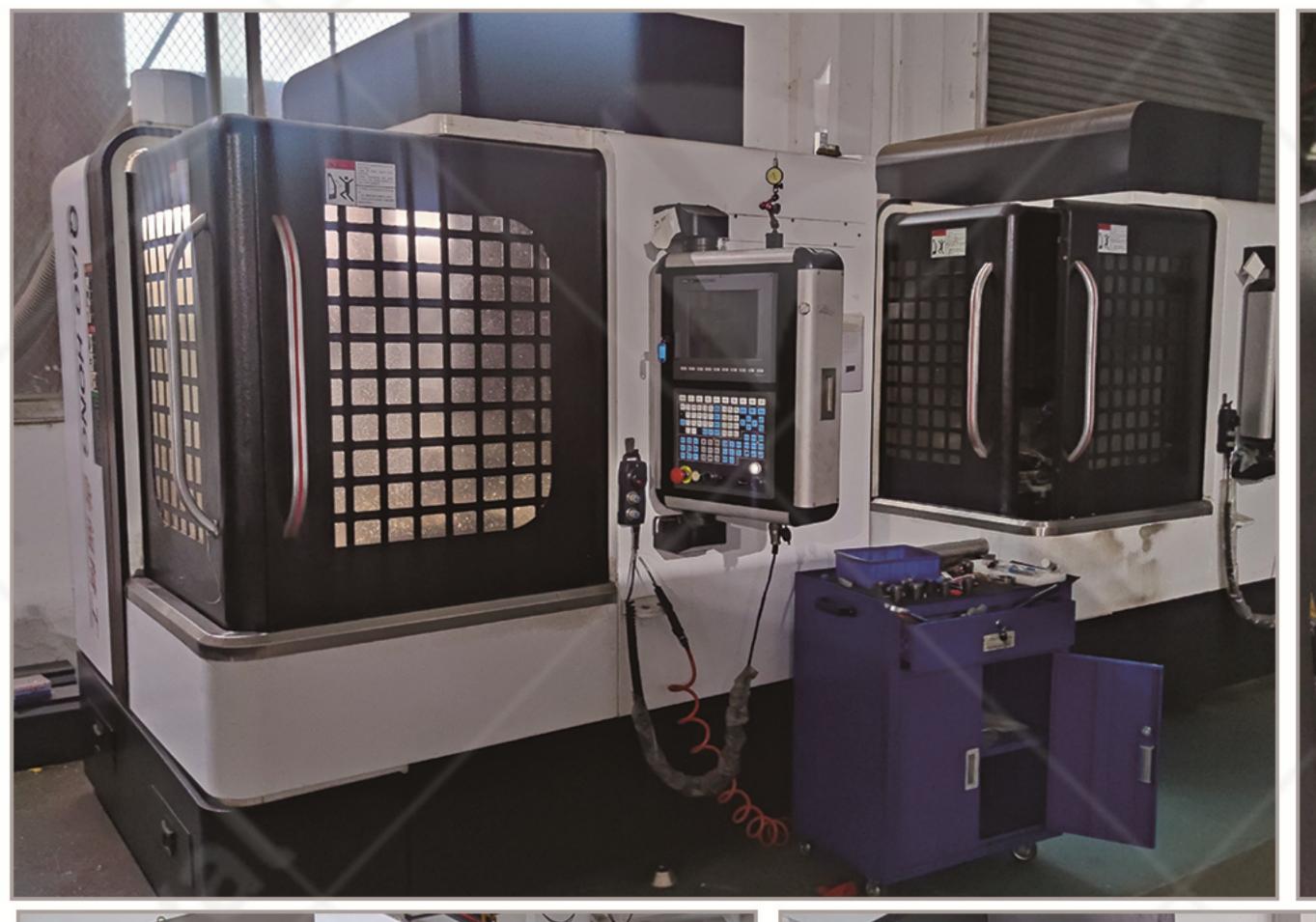
山东森像机械设备有限公司 Shandong Loyal Industrial Co.,Ltd.

PRODUCTION EQUIPMENT

生产装备

















先进的高、精、尖设备保证了高品质的产品 The Advanced, Precise And Cutting-Edge Equipmentensures High Quality Products

森像坚信优质的产品除了有优质的管理、优秀的 员工、优良的工作环境、卓越的设计理念,更需拥有 先进、精良的机械加工专用设备。 Loyal firmly believes that high quality products are manufactured not only through excellent management, prominent employees, good working environment and supreme design concepts, but also throughadvanced and fine special equipment for mechanical machining.



FRIED INSTANT NOODLES PRODUCTION LINE

油炸方便面生产线



森像系列油炸方便面生产线,工艺先进,产能大,消耗低,自动化程度 高,从熟化至冷却工序均采用触摸屏工艺参数预置、光电跟踪、变频调速、 PLC程序控制,实现了单机微调、全线联动、同步升降速程序控制。实现全 线同步协调控制,切断刀次数显,面块重量可在不停机状态下调整。和面机 采用椭圆型桨叶双轴双速技术,加水更多,物料与水分结合更均匀。熟化机 采用静止醒面技术,基本保证了面团熟化的一致性。轧面机采用9对冷硬合金 轧辊,面条蒸熟后采用了浸泡着味技术。设备与食品接触表面均采用不锈钢 和食品级材料,符合食品卫生标准要求。所出产品具有香、酥、脆,面条爽 滑筋道的特点。

The Loyal series fried instant noodle production line has advanced technology, large production capacity, low consumption and high degree of automation. It adopts touch screen process parameter preset, photoelectric tracking, frequency conversion speed regulation and PLC program control from ripening to cooling process, which realizes single-machine micro-adjustment, Full line linkage, synchronous speed up and down program control. It realizes synchronous and coordinated control of the whole line, the number of cutting knives is displayed, and the weight of noodle blocks can be adjusted without stopping the machine. The dough mixer adopts the double-shaft and double-speed technology of elliptical blades, which can add more water and combine materials and water more evenly.















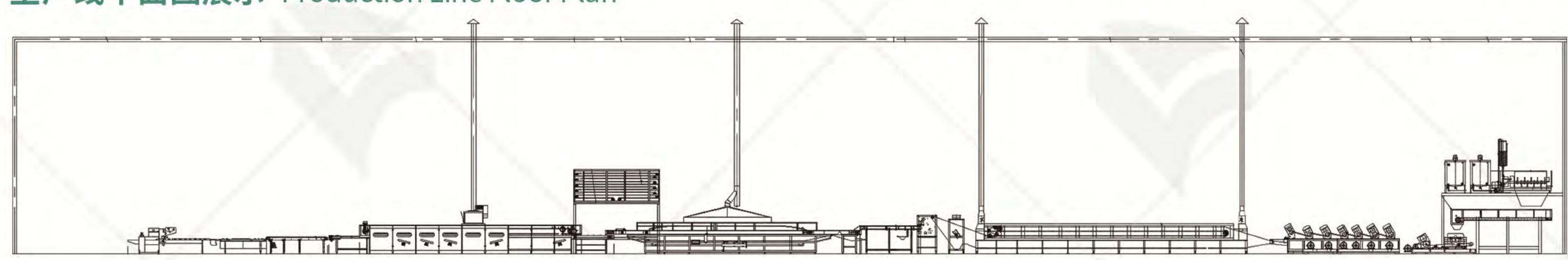








生产线平面图展示 Production Line Floor Plan



油炸方便面生产流程 Fried Instant Noodle Production Processing

原料自动供给→盐水混合计量→双速双轴和面→面团熟化→复合压延→连续压延→出丝成型→蒸面→切断分 排─油炸→风冷→输送→包装→入库

Automatic Material Supplying→Alkali Water Mixing Tank→Alkali Water Measuring Device→Flour Mixer→Round Disk Aging Machine→Rolling &Shaping Machine→Steaming Machine→Noodle Cutting And Dividing Machine→Frying Machine→Arranging Machine→Cooling Machine→Conveying Machine→Packaging Machine.

技术参数 Technical Parameter

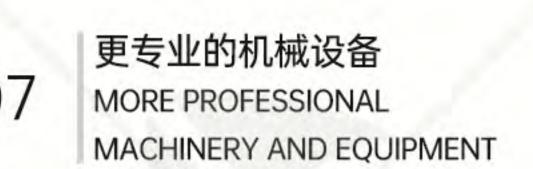
设备型号 Device model	产量 Yield	蒸汽消耗 Kg/小时 Steam Consumption Kg/hour	厂房尺寸 Size Of Factory Model No. (L*W*H)	开片宽度 Sheet Width	装机功率 Installed Capacity	操作工(不含包装) Operator(without packaging)
LYN-II 3Y	30,000 pieces/8h	1000-1200kg/h	600×600×450mm	216~260	42kw	4
LYN-II 6Y	60,000 pieces/8h	1200-1400kg/h	760×800×450mm	300~330	56kw	4
LYN-II 8Y	80,000 pieces/8h	1300-1500kg/h	760×800×450mm	420~450	68kw	6
LYN-II 10Y	100,000 pieces/8h	1400-1600kg/h	950×800×500mm	420~450	80kw	6
LYN-II 12Y	120,000 pieces/8h	1800-2000kg/h	950×800×500mm	510~550	83kw	6
LYN-II 16Y	160,000 pieces/8h	2000-2400kg/h	1100×1000×550mm	630~650	106kw	7
LYN-II 18Y	180,000 pieces/8h	2400-2600kg/h	1100×1000×550mm	720~730	114kw	7
LYN-II 20Y	200, 000 pieces/8h	2600-2800kg/h	1200×1200×550mm	765~800	125kw	8
LYN-11 25Y	250, 000 pieces/8h	3000-3200kg/h	1200×1200×550mm	870~900	140kw	8









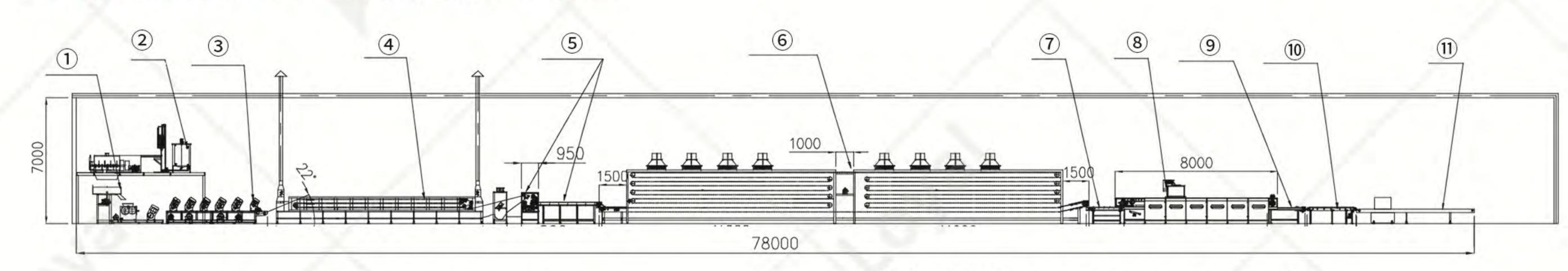


Loyal 山东森像机械设备有限公司—MDUSTRIAL— U东森像机械设备有限公司 Shandong Loyal Industrial Co.,Ltd.

NON-FRIED INSTANT NOODLES PRODUCTION LINE

非油炸方便面生产线

生产线平面图展示 Production Line Floor Plan



- ① 圆盘熟化机 Round Disk Aging Machine
- ② 盐水罐/计量罐 Alkali Water Measuring Device
- ③ 压延机 Rolling Shaping Machine
- ④ 三层蒸箱 3 Layer Steaming Machine
- ⑤ 切断、分排机 Cutting And Sorting Machine
- ⑥ 连续式烤箱 Continuous Drying Oven
- ⑦ 整理机 Arranging Machine
- ⑧ 风冷机 Air Cooling Machine
- ⑨ 分流输送机Distributing Conveying Machine
- ⑩ 弯道输送机Checking Conveyor
- ⑪ 包装机 Packaging Machine

设备介绍 Equipment Introduction

小产量方便面生产线是我公司在研究国内外同类产品的基础上,生产的具有小型化特点的新一代产品。其工艺完 善、结构紧凑、设计新颖、性能稳定可靠。生产从面粉到成品自动完成,操作简单、产量适中、节约能源、占地面 积小,具有投资少、见效快的特点。生产的波纹片方便面,复水时间短,有良好的弹性、光滑度和透明度,可与市 场流行的大型设备相媲美。

The small-capacity instant noodle production line is a new generation of miniaturized products produced by our company on the basis of researching similar products at home and abroad. It has perfect technology, compact structure, novel design, stable and reliable performance. The production is automatically completed from flour to finished products, with simple operation, moderate output, energy saving, small footprint, and the characteristics of less investment and quick results. The corrugated sheet instant noodles produced have short rehydration time, good elasticity, smoothness and transparency, which are comparable to the large-scale equipment popular in the market.

样品展示 Sample Display



技术参数 Technical Parameter

	设备型号 Device Model	产量 Yield	蒸汽消耗 Kg/小时 Steam Consumption Kg/Hour	厂房尺寸 Size Of Factory Model No. (L*W*H)	开片宽度 Sheet Width	装机功率 Installed Capacity	操作工(不含包装) Operator(Without packaging)
	LYN-II 3Y	30,000 pieces/8h	1000-1200kg/h	600×600×450mm	216~260	42kw	4
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	LYN-II 10Y	100,000 pieces/8h	1400-1600kg/h	950×800×500mm	420~450	80kw	6
	LYN-II 12Y	120,000 pieces/8h	1800-2000kg/h	950×800×500mm	510~550	83kw	6
1	LYN-II 16Y	160,000 pieces/8h	2000-2400kg/h	1100×1000×550mm	630~650	106kw	7
	LYN-II 18Y	180,000 pieces/8h	2400-2600kg/h	1100×1000×550mm	720~730	114kw	7
1	LYN-II 20Y	200,000 pieces/8h	2600-2800kg/h	1200×1200×550mm	765~800	125kw	8
	LYN-I1 25Y	250,000 pieces/8h	3000-3200kg/h	1200×1200×550mm	870~900	140kw	8

客户工厂 Small Output Instant Noodle Production Line

最全面的解决方案 The Most Comprehensive Solution











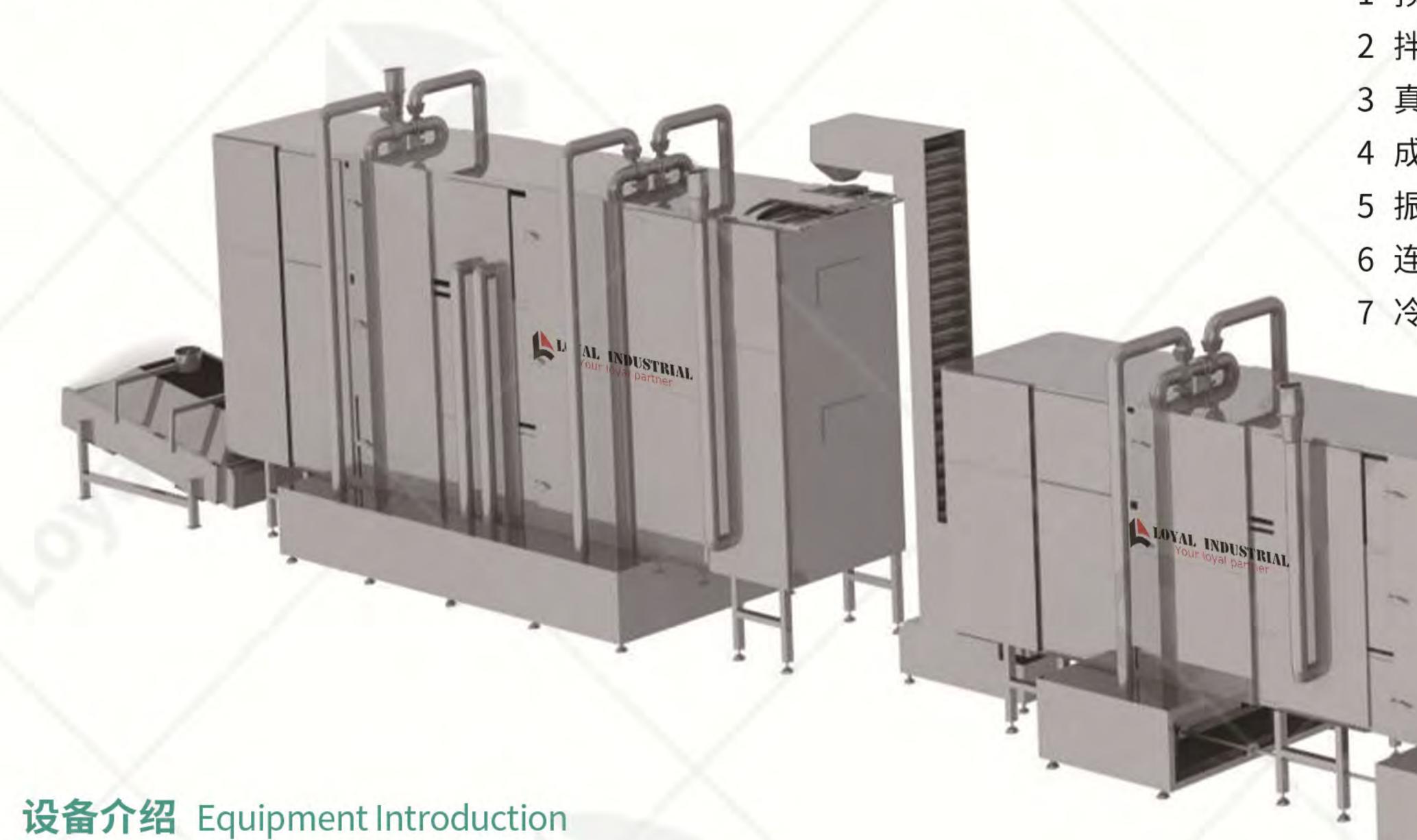






SHORT-CUT PASTA PRODCUTION LINE

短切意面生产线



- 1 预混 Pre-mixing Machine
- 2 拌粉机 Mixing Machine
- 3 真空挤压机 Vacuum Extruder
- 4 成型机 Molding Machine
- 5 振动干燥机 Vibration Drying Machine
- 6 连续干燥机 Continuous Drying Machine

冷却机 Cooling Machine



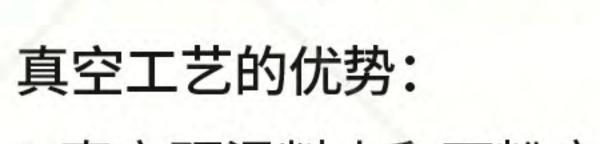












- 1.真空预混料水和面粉完全混合,减少成品表面白点的形成。
- 2.成品口感更劲道,原料最大程度的充分混合,提高了面筋形成率
- 3.保持成品面食的良好颜色,温和的成型阶段使意大利面的颜色更鲜艳。

Advantages of vacuum process:

- 1. The water and flour of the vacuum premix are completely mixed to reduce the formation of white spots on the surface of the finished product.
- 2. The finished product tastes stronger. The raw materials are mixed to the greatest extent and the gluten formation rate is improved.
- 3. The gentle shaping stage results in pasta with brighter colour. The complete vacuum blocks the enzyme Poliphenol Oxidase--responsible for the oxidisation of the semolina pigments, thus preserving the amber yellow colours given by the carotenoids and flavonoids. The vacuum also deactivates the enzyme,Lipoxygenase, responsible for turning colours grey and the development of unpleasant odours caused by the oxidation of the lipids. The partial deactivation of alpha and beta amylase leads to a reduced occurrence of the Maillard reaction, i.e. the pasta turning brown during drying.



型号Item No.	产能 Capacity (kg/h)	功率 Power (kw)	尺寸 Size (L*W*H)
LYS-100	100kg/h	12kw	1200×800×1500mm
LYS-200	200kg/h	22kw	1500×1000×1800mm
LYS-300	300kg/h	30kw	2300×3000×4200mm
LYS-500	500kg/h	37kw	2700×3000×4200mm
LYS-1000	1000kg/h	75kw	4000×3500×5200mm
LYS-2000	2000kg/h	90kw	4500×3500×5200mm













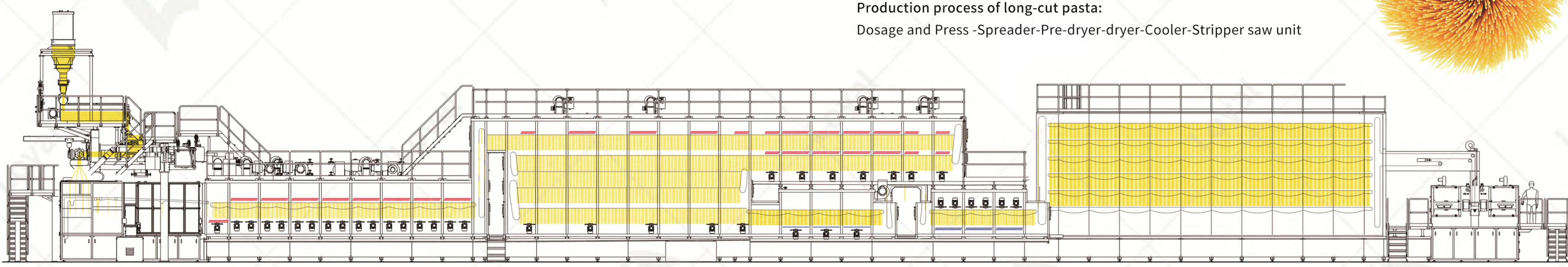




LONG-CUT PASTA PRODCUTION LINE

长切意面生产线

生产线平面图展示 Production Line Floor Plan



设备介绍 Equipment Introduction

Loyal 长切意大利面机器的特点:

采用真空挤压技术,真空混料,输送 挤压;可连续式生产,通心粉整套流水线具备全自动运行模式;烘干 流水线采用热活动系统;配备环境监测自动补偿系统;带有全自动运行的真空搅拌及真空挤压系统;烤箱带有 保湿系统。

Features of the Loyal Long-cut Pasta production line:

Adopt vacuum extrusion technology-vacuum mixing, vacuum conveying and vacuum extrusion; Continuous production, the entire macaroni assembly line has a fully automatic operation mode; The drying line adopts a thermal activity system; it is equipped with automatic environmental monitoring compensation system; With fully automatic vacuum mixing and vacuum extrusion system; The oven has a moisturizing system.

技术参数 Technical Parameter

型号 Item No.	产能 Capacity (kg/h)	功率 Power (KW)	尺寸 Size (L*W*H)
LYL-100	100kg/h	12kw	1200×800×1500mm
LYL-200	200kg/h	22kw	1500×1000×1800mm
LYL-300	300kg/h	30kw	2300×3000×4200mm
LYL-500	500kg/h	65kw	3000×3000×4200mm
LYL-1000	1000kg/h	75kw	4500×4000×5200mm



生产流程 Production Process

混料混合-挤出-成型-振动干燥-连续干燥-冷却。

长切意大利面的生产流程:















CUSTOMER FACTORY

客户工厂



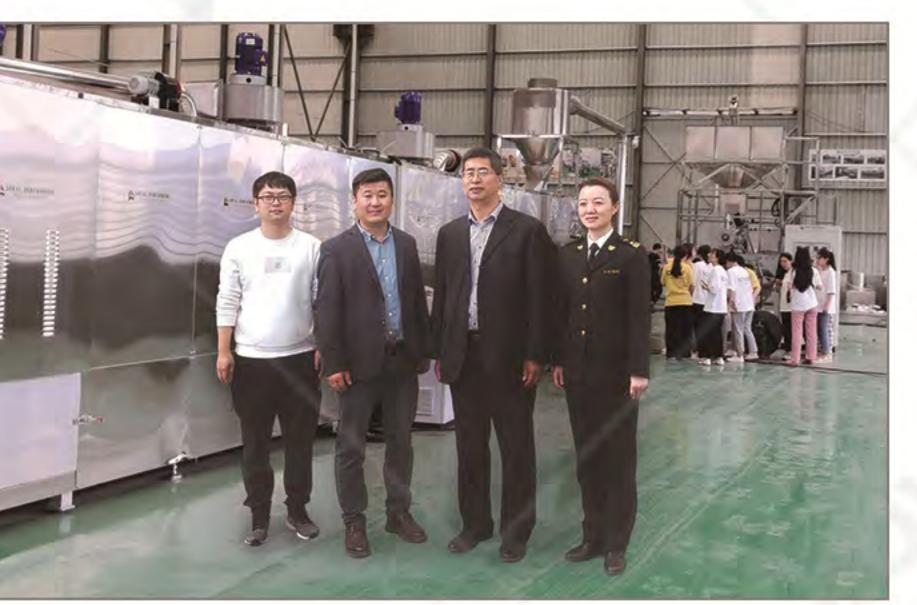
COMPANY STYLE

公司风采

领导参观 Leadership Visit







客户合影 Customer Group Photo

