



希朗机械

XILANG MACHINERY

宠物食品机械专家



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国际认证 品质保证

宠物食品·饲料生产工程专家

Pet Food & Animal Feed Project Manufacturing Expert

企业简介

Company Profile

COMPANY PROFILE



济南希朗机械有限公司是一家以挤压膨化机械、双螺杆膨化机、单螺杆膨化机、早餐谷物速溶食品(玉米片、营养粉)生产线、休闲(油炸、夹心)小食品生产线、宠物饲料、鱼饵生产线、组织蛋白生产机械、变性淀粉生产线、面包糠生产线、饼干生产线、小型油炸方便面生产线、实验双螺杆挤压机、再造营养米生产线、工业微波干燥杀菌设备、电磁烘干隧道式烤箱以及包装机械的研究、开发、生产、销售一体的制造商。

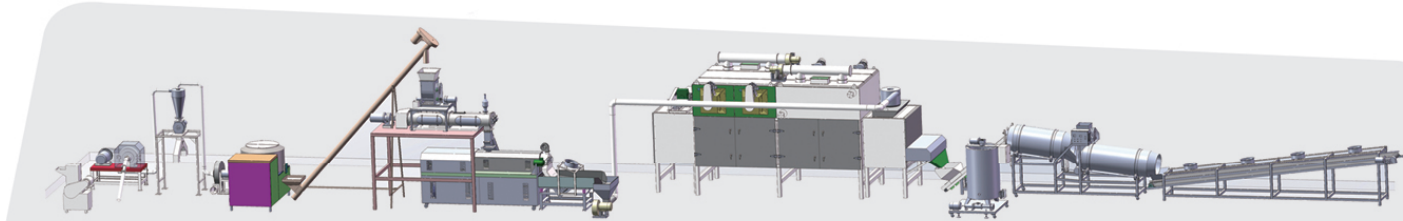
公司坐落在山东泉城济南,公司设计力量雄厚,生产设备先进,制造经验丰富,十几年来经过我公司的不断努力拥有了一批高品质的工程设计和食品工艺人才,并把好的膨化技术成果奉献给您,高效率、高质量、高性能构成了我们的竞争核心。

希朗公司作为挤压膨化设备制造商,汇聚了一批具有丰富行业经验的技术队伍,自成立以来一直致力于挤压膨化设备的研制开发,公司产品已发展为品种多样化,配套系列化。现已成为国内主要挤压膨化设备很成熟的生产厂家。经过公司全体员工的不懈努力,不断提升企业的技术水准和加工层次,增强了企业的市场竞争力和综合实力。过关的产品质量和完善的售后服务使希朗公司在业内赢得了良好的口碑,得到国内外客户的认可。



宠物食品 水产饲料生产线

pet food, aquatic feed Processing Line



生产线介绍 Production line introduction

挤压膨化技术的魅力在于他能提供人们意想不到的加工手段，结合市场需要，由本公司研制开发的系列宠物食品设备，采用独特的加工工艺和设备配置，产品形状新颖，口味独特，营养配比科学，便于消化吸收，深受宠物市场欢迎。

Extruding and inflating technology is that it can supply us un-image processing measure, combine with market demand, pet food machinery produced by the Company, adopts particular process technics and equipment scheme, the final products with fashion shape, special taste, scientific nutrition combinative, easily to absorb and is quite popular to the pet market.

生产线技术参数 Technical Parameter

型号	65双螺杆生产线（干法）	70双螺杆生产线（干法）	70双螺杆生产线（湿法）	75双螺杆生产线（干法）	95双螺杆生产线（干法）
主电机功率	22kw	30kw	37/45	55/75	90/110
干燥方式	燃气/电热	燃气/电热	燃气/电热/蒸汽	燃气/电热/蒸汽	燃气/电热/蒸汽
生产能力	120-150kg/h	150-180kg/h	300-400kg/h	600-800kg/h	1000-1200kg/h
外形尺寸	12000x4000x2200mm	13500x4000x2200mm	16500x4000x3200mm	18500x4000x3200mm	21000x4000x3200mm



宠物食品 水产饲料生产线

pet food, aquatic feed Processing Line



XL 系列宠物料专用双螺杆膨化机 XL Series Double Screw Extruder Specially For Pet Food Production

烘干机核心亮点

Key Features

- ◆ 采用美国先进烘干技术。
- ◆ 采用欧美加工技术标准生产加工，加工零件全部采用数控加工中心制作，精度高。
- ◆ 换热器和风机全部使用国内知名企业。保证换热能力和最佳使用效果。
- ◆ 宠物饲料和鱼饲料烘干水分均匀度可达 $\pm 0.5\%$ 。适用于 0.8–40mm 膨化颗粒的烘干。
- ◆ 安装快速维护方便，多段组合式安装，保温板全部开门式结构，易维护。

- ◆ Adopt internationally advanced processing technology.
- ◆ The production and processing of the machines uses European and American technology standard. The spare parts all adopt numerically-controlled processing method with high precision.
- ◆ Heat exchangers and fans are all from well-known domestic brands., ensuring heat transfer capacity and premium use effect.
- ◆ The drying moisture evenness can reach $\pm 0.5\%$ for pet food pellets and floating fish food pellets.
- ◆ Suitable for the drying of the puffed pellets with size of 0.8–40mm.
- ◆ Easy and convenient to install and maintain. Multiple section combination type installation. Insulation boards are all open-door type structure and easy for maintain.

- ◆ 全新开发宠物料专用破拱喂料器，喂料均匀，不起拱，保证膨化机出料稳定。
- ◆ 新型双轴调质器，物料停留时间长、调制均匀有效提高物料预熟化度，从而提高产量。
- ◆ 动力分配箱采用国际先进技术加工制造，确保机械长时间无故障运行。
- ◆ 润滑系统采用精过滤强制冷却降温，给轴承创造最佳工作工况。
- ◆ 螺杆采用整体芯轴，螺杆积木式组合结构，可满足宠物料、鱼料产品的不同配方加工要求。
- ◆ 全耐磨合金螺杆和渗氮处理膨化腔内套，保证设备在高产能、高品质状态下长期稳定运行。
- ◆ 紊流出料装置使挤出膨化料更美观均匀，料形均匀稳定。
- ◆ 切割装置采用吊装横梁式，可快速拆卸模板和设备检修时便于吊装机筒和螺杆。

- ◆ Newly developed pet food anti-blocking feeder makes sure the even feeding and stable discharge of materials.
- ◆ Latest model of double shaft preconditioner enables the materials stay longer in the preconditioner and evenness in preconditioning, which can effectively improves the preure degree and increases the capacity.
- ◆ Gearbox is processed by internationally advanced process technology, ensuring the machines run in long time without malfunction.
- ◆ Lubrication system adopts refined filtration forced cooling, creating best working conditions for the bearings.
- ◆ The screw adopts integral central spindle and building block system combined structure, which can meet different formula process requirement of pet food and fish food.
- ◆ All wear-resistant alloy screw and nitriding treatment of the sleeves of the barrel guarantee the equipment works stably in long term under high performance and high quality conditions.
- ◆ The turbulence discharging device makes the extruded materials more beautiful and even. And the materials shape are even and stable.
- ◆ Cutting devices uses hoisting beam type and can dismantle the die fast. It is also easier for the hoisting of barrel and screws when checking the equipment.

烘干机技术参数 Technical parameter

技术参数 Technical parameter	烘干段 Drying section	烘干段 Drying section	烘干段 Drying section	烘干段 Drying section
烘干机节数 2m/节 Dryer section 2m/section	2	4	8	6
烘干机带宽 Dryer mesh belt width	1600/2000mm	1600/2000mm	1600/2000mm	1600/2000mm
普通浮性鱼饲料 4mm Floating fish feed 4mm	2–3T/H	4–5T/H	6–8T/H	8–10T/H
沉性鱼饲料 3mm Sinking fish feed 3mm	1.5–2T/H	2.5–3T/H	4–6T/H	6–8T/H
宠物料 Pet material	1.5–2T/H	3–5T/H	5–7T/H	7–8T/H

咬胶型、夹心型宠物 食品生产线

Chewing/ Jam Center Pet Food Processing Line



生产线介绍 Production line introduction

系列宠物咬胶食品在宠物食品生产设备极其成熟的前提下研制而成的适应成幼犬用来磨牙用的咬胶生产设备，利用该生产线可生产出条状，棒状，麻花状，双色及多色形状各异的夹心食品，通过调整配方，即可提供宠物的营养需求，又能满足宠物喜欢咀嚼的嗜好。

Series of pet chewing food is a new research and innovation of the Company, make use of this line can produce like strip, stick, screw shape and double color food with filling material. It can adjust the recipe to full the demand of pet both of nutrition and chewing hobby.

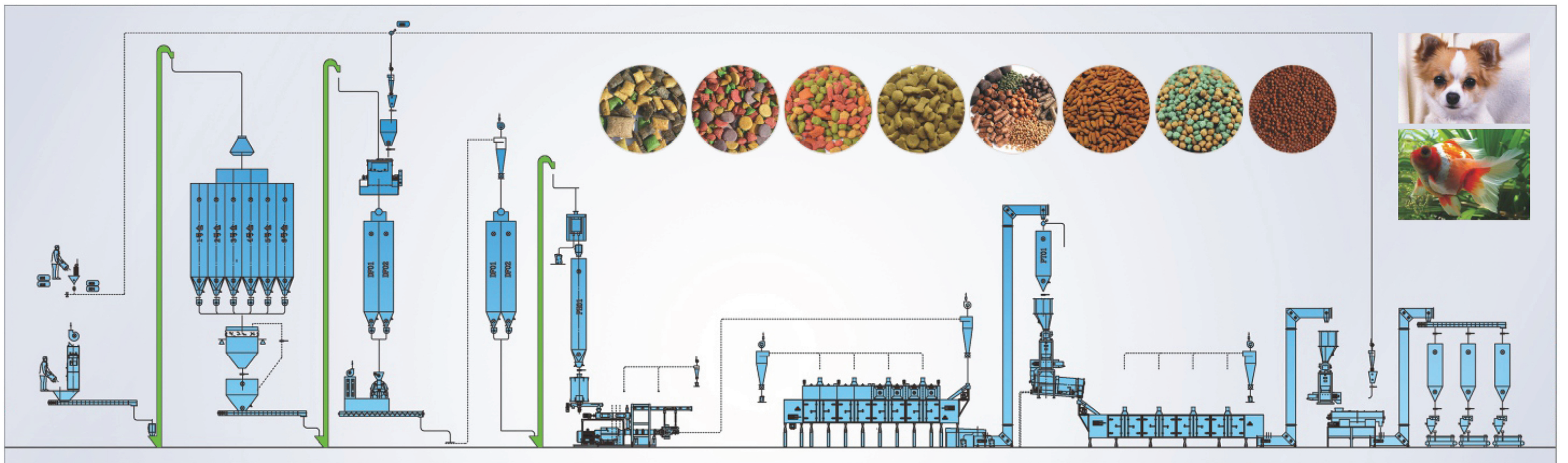
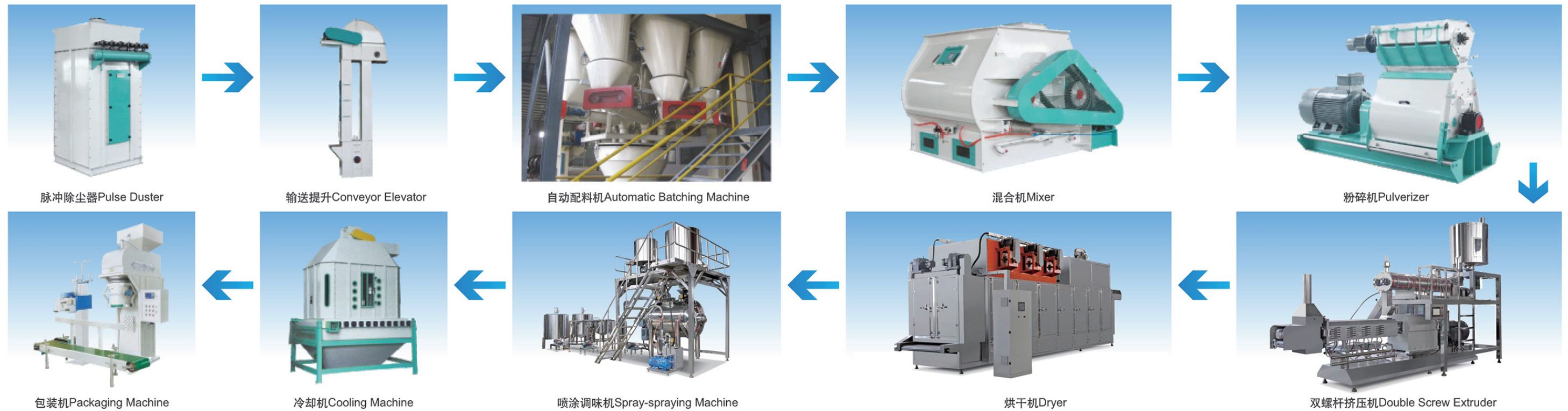
生产线技术参数 Technical Parameter

型 号 Model	XLS-80 单螺杆生产线 Single screw extruder line	XLS-100 单螺杆生产线 Single screw extruder line
装机容量 Installed capacity	38KW	54KW
实耗功率 Power consumption	28KW	30KW
生产能力 Output	40-50kg/h	60-100kg/h
外形尺寸 Size	12000 × 1200 × 2000mm	13000 × 1200 × 2000mm



工艺流程图

process flow diagram



系列挤压膨化主机

Double Screw Extruder



XL95- III 双螺杆挤压膨化机
Double-screw Extruder



XL70-II 大型双螺杆挤压膨化机
Large-size Double-screw Extruder



XL75-II 双螺杆挤压膨化机
Double-screw Extruder



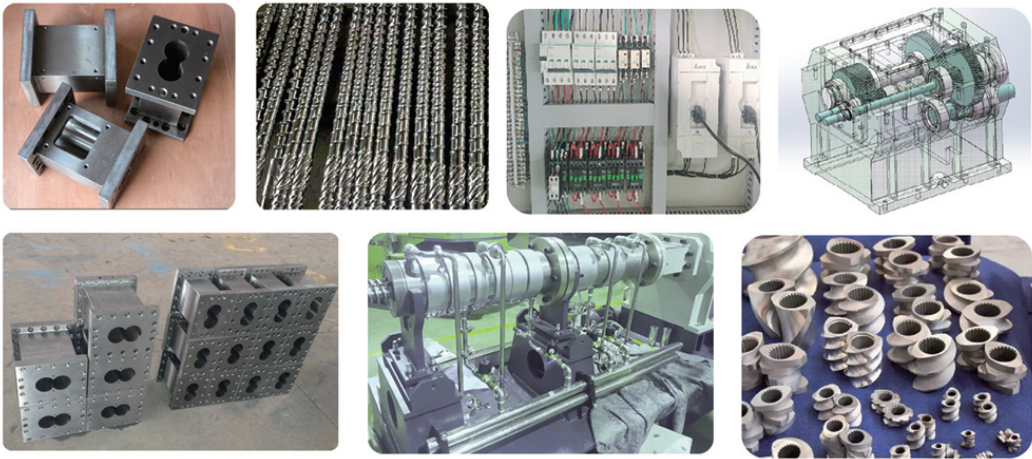
XL118-II 双螺杆挤压膨化机
Double-screw Extruder



XL78-II 大型双螺杆挤压膨化机
Large-size Double-screw Extruder



XL85-II 双螺杆挤压膨化机
Double-screw Extruder

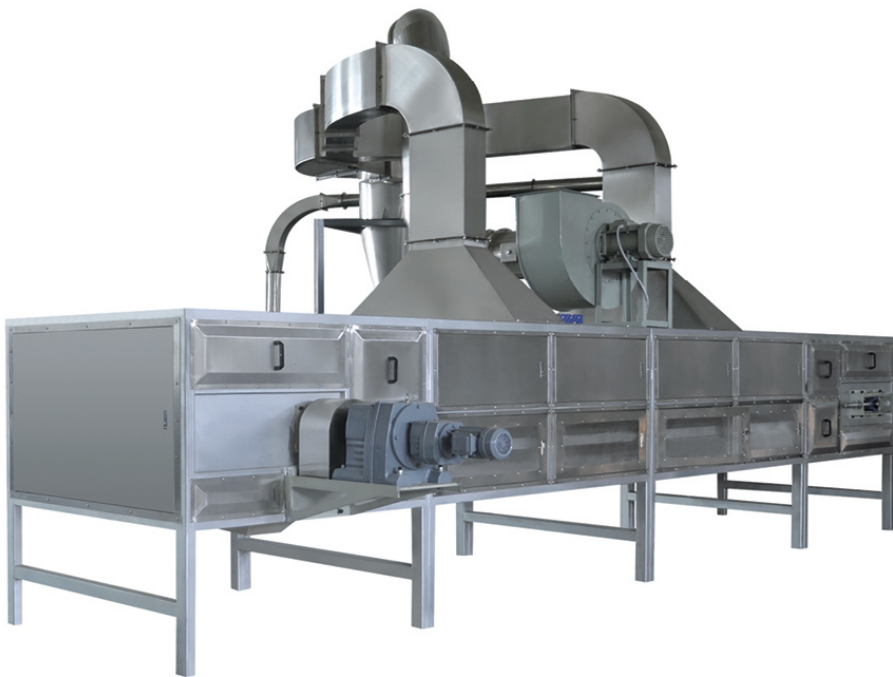


技术参数 Technical Parameter

型号 Model	总功率 Installed power	实耗功率 Actual consumption	主电机功率 Main power	产量 Output	外形尺寸 Dimension	适用产品 Products
XL95-II	110-130KW	90-110KW	90KW	1000kg/h	4500x1200x2600mm	宠物 / 膨化食品 Pet/ Snack Food
XL75-IV	85KW	70KW	55KW	500-800kg/h	4500x1200x1800mm	宠物 / 蛋白 / 膨化食品 Pet/ Protein/ Snack Food
XL85-II	80KW	70KW	55KW	300-500kg/h	3700 × 1200 × 3000mm	宠物 / 蛋白 / 膨化食品 Pet/ Protein/ Snack Food
XL70-II	45KW	40KW	30KW	150-200kg/h	2600 x1000 × 1800mm	宠物 / 蛋白 / 膨化食品 Pet/ Protein/ Snack Food
XL65-II	35KW	28KW	22KW	120-150kg/h	2400 × 1000 × 1800mm	油炸食品或非油炸食品 Frying or without frying Food
XL32	12KW	8KW	5.5KW	10-15kg/h	2000 × 600 x1500mm	

系列烘干机主机

Series of Dryer



生产线介绍 Main Line To Features

多层烤箱主要有三层，五层和七层烤箱，加热方式有电热型、燃油型、燃气型和蒸汽型，根据产品和产能不同，以适应不同的热源和机型。烤箱可以烘烤各类膨化食品、营养谷物、宠物食品、组织蛋白、各种干果、建筑材料等。

- ◎ 结构紧凑，占地小，干燥面积大、散热小、热效率高；
- ◎ 网带和保温板全部采用不锈钢材料，卫生清洁；
- ◎ 网带运行速度可调，以调整食品在烤箱内的干燥时间；
- ◎ 温度自动控制，配备高效节能燃烧系统，热选分配合理，物料受热均匀，能耗低。

The dryer can be used to bake all kinds of puffed food, petfood, tissue protein and various nuts including peanuts, melon seeds and dried jujube.

- ◎ Dryer is compact, has small dry area and a large superficial area. It also features small scale of heat elimination and high thermal efficiency.
- ◎ Mesh belt conveyors and thermal insulation boards all use stainless steel material, making the equipment clean and sanitary.
- ◎ The speed of mesh belt conveyor is adjustable. The drying period for food in the oven can be adjusted.
- ◎ The automatic temperature control system makes it possible to set the temperature according to your needs.

生产线技术参数 Technical Parameter

品名 Machine name	电 / 油 / 气 / 蒸汽耗量 Electric/diesel/gas/steam onsumption	加热温度 Heating temperature	生产能力 Output
多层电烤箱 Electrical dryer	27kW/h ~ 160kW/h	~ 200℃	100kg/h-1000kg/h
多层燃油烤箱 Diesel oil dryer	7L/h-25L/h	~ 180℃	100kg/h-600kg/h
多层燃气烤箱 Fuel gas dryer	5m3/h-25m3/h	~ 180℃	100kg/h-600kg/h
多层蒸汽烤箱 Steam dryer	0.3T/h-1.5T/h	~ 150℃	600kg/h-3000kg/h
高温烤箱 High-temperature dryer	32kW/h ~ 66kW/h	~ 350℃	100kg/h-500kg/h



INTEGRITY

合作共双赢 携手同发展
随着时代的发展,合作显得
越来越重要。

Corporate integrity, Corporate integrity,
as corporate as corporate
culture Is an important part of corporate culture
An indispensable important component.

