



上海烁业机械科技有限公司
Shanghai Soyer Machinery & Technology Co., Ltd

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PREMIUM



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定制化输送解决方案

CUSTOM LIFTING AND CONVEYING SOLUTIONS



上海烁业机械科技有限公司
Shanghai Soyer Machinery & Technology Co., Ltd

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COMPANY

公司简介

上海烁业机械科技有限公司是一家专注于智能输送设备及自动化包装设备的产品研发、设计、制造、安装、调试及售后服务的综合性生产企业，并注重人才培养，技术引进，为不同客户规划出最为经济，合理的物流方案，实施科学的加工自控体系并提供完善周密的售后服务。我们的产品包括各类螺旋输送机、提升机、分拣机和贴标机，并为各行业提供定制的搬运解决方案，行业包括但不限于：

Shanghai Soyer Machinery Technology Co., Ltd. is a comprehensive production enterprise focusing on the research and development, design, manufacture, installation, commissioning and after-sales service of intelligent conveying equipment and automatic packaging equipment. We also pay attention to personnel training and technology introduction, and plan out the most economical and reasonable logistics solutions for different customers. Implement scientific processing automatic control system and provide perfect and thorough after-sales service. Our products include all kinds of spiral conveyors, elevators, sorters and labeling machines, and provide customized handling solutions for various industries including but not limited to:



CUSTOM CONVEYOR SERIES 定制输送系列

定制输送系统是一种机械自动化系统，广泛应用于汽车、制造、零售、食品饮料和交通运输等行业。使用输送系统是为了减少手动搬运材料时出现的错误，并节省时间。

Custom conveyors are mechanical automation system which find application in several industries including auto, manufacturing, retail, food, beverage, and transportation etc. Conveyors are used in order to reduce errors that occur while manually handling materials and to save time.

- 灵活布局
- 速度和运输方向均可根据不同需求进行调节
- 高效生产
- SYM 输送设备让员工更有效率，全天保持生产力
- 最大程度上缩短误工时间
- 安全健康
- 降低货物掉落损坏的风险
- 减轻员工体力工作



- Flexible layout
- Speed and conveying direction can be customized according to different needs
- Efficient production
- SYM conveying equipment makes employees more efficient and productive throughout the day
- Minimize the time of missing work
- Safety and health
- Reduce the risk of damage caused by falling goods
- Reduce the physical work of employees

可与不同楼层产线对接， 减少人工搬运工作量。

It can be docked with production lines between different floors to reduce the workload of manual handling.

不锈钢系列非常适合有卫生等级要求的行业，可根据要求定制适用范围广，能够输送不同尺寸、包装和重量的各类货物。易于操作，任何人可以在烁业人员指导下快速学会适用方法。

The stainless steel series is very suitable for industries with hygiene level requirements, and can be customized according to the requirements. It has a wide range of applications and can transport various goods of different sizes, packages and weights. Easy to operate, anyone can quickly learn the applicable method under the guidance of SYM personnel





链板螺旋输送机

Slat Chain Spiral Conveyor

* 选型参数见24页

Selection Guide refer to Page 24

螺旋输送机比传统输送机占地面积小，而目比任何电梯或升降机都更快，更可靠。

所有螺旋输送机按需定制，所有配置都可以顺时针或逆时针旋转向上或向下操作，并且可以选择可逆。

进出口角度高度可以自定义，以满足特定的布局要求。

Spiral conveyors have a smaller footprint than traditional conveyors, while aiming to be faster and more reliable than any elevator or hoist. All spirals are custom made to order, all configurations can be operated with clockwise or counterclockwise rotation up or down, and targets can be optionally reversible.



● 产品配置

机身：碳钢，不锈钢

表层：RAL 颜色定制，不锈钢

电机：SEW电机（可指定）

链板材质：POM（食品级），PA，PE，尼龙等

链板宽度：140mm，320mm，406mm，508mm，609mm

最高速度：V干燥（V-dry）≤60米每分钟

最大输送长度：碳钢70米，不锈钢50米

底链材质：优质碳钢与不锈钢两种

输送链板可单独选配

● Product Configuration

Body: carbon steel, stainless steel

Surface: customized RAL color, stainless steel

Motor: SEW motor (can be specified)

Chain plate material: POM (food grade), PA, PE, nylon, etc.

Chain plate width: 140mm, 320mm, 406mm, 508mm, 609mm

Maximum speed: V dry (V-dry) ≤ 60 meters per minute

Maximum conveying length: 70 meters for carbon steel, 50 meters for stainless steel

Bottom chain material: high-quality carbon steel and stainless steel

Conveyor chain plate can be selected separately

适用范围

Application Scope

纸箱、捆包、托盘、手提袋、桶、罐、瓶、容器

carton, bale, tray, handbag, barrels, cans, bottles, container



滚筒螺旋输送机

Roller Spiral Conveyor

滚筒螺旋输送机可与多条辊道输送线和其他输送设备或特殊单元形成复杂的物流输送系统，以满足各种技术需求，并得到广泛应用。结构简单、占地面积小、密封性好、操作方便、维修容易、便于封闭运输。

The roller spiral conveyor can be combined with multiple roller conveyor lines and other conveying equipment or special units to form a complex logistics conveying system to meet various technical needs and it is widely used. Simple structure, small footprint, good sealing performance, convenient operation, easy maintenance, and convenient to closed transport.

* 选型参数见24页

Selection Guide refer to Page 24



● 产品配置

机身：碳钢，不锈钢

表层：RAL颜色定制，不锈钢

锥滚材质：不锈钢、碳钢（镀锌）

轴心直径：15mm

输送滚筒可单独选配

● Product Configuration

Frame: carbon steel, stainless steel

Surface: RAL color customization, stainless steel

Cone roller material: stainless steel, carbon steel (galvanized)

Shaft diameter: 15mm

Drum rollers can be selected separately

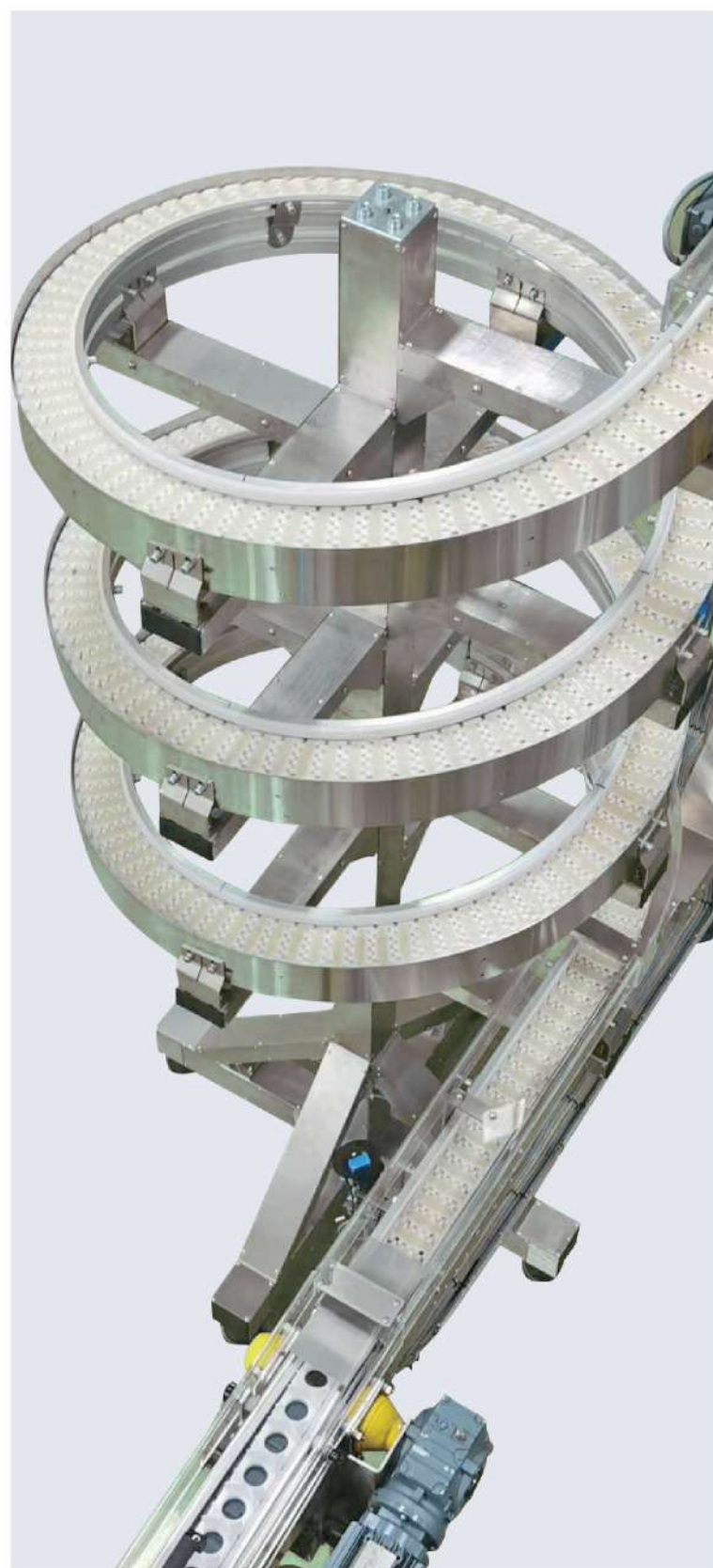


适用范围

Application Scope

纸箱、周转箱、轮胎

cartons, turnover boxes, tyres etc.



柔性链螺旋输送机

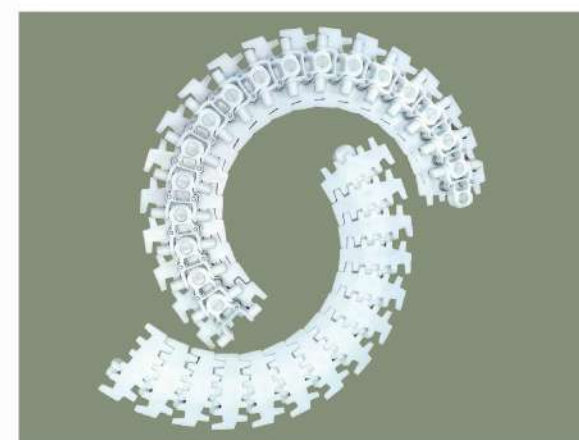
Flexible Spiral Conveyor

柔性链螺旋输送机为工程铝、碳钢、304不锈钢结构；整条生产线由白色高强度工程塑料链板和阳极化铝合金型材组装而成；链板为纯白色，设备不需要润滑，不需要定期维护，不会腐蚀。

Flexible spiral conveyor is made of aluminum, carbon steel, 304 stainless steel. The whole production line is composed of white high strength engineering plastic chain plate and anodized aluminum alloy profile. The chain plate is pure white, the equipment does not need lubrication, does not need regular maintenance, and will not corrode.

*** 选型参数见24页**

Selection Guide refer to Page 24



● 产品特性

Product Features

- ◎ 转弯半径小
- ◎ 占地面积小
- ◎ 噪音小
- ◎ 易安装
- ◎ 易维护
- ◎ Small turning radius
- ◎ Small footprint
- ◎ Low Noise
- ◎ Easy to install
- ◎ Easy to maintain.

● 产品配置

柔性链输送机可承受较大载荷、长距离输送

链板宽度按需设计

主体结构材质采用碳钢喷塑或镀锌, 不锈钢制作

链板形式为直线链板、转弯链板

输送链板可单独选配

● Product Configuration

Flexible chain conveyor can bear large load and long distance transportation.

The width of the chain plate is designed on demand.

The main structural materials are carbon steel spray or galvanized, stainless steel.

The form of chain plate is straight chain plate and turning chain plate.

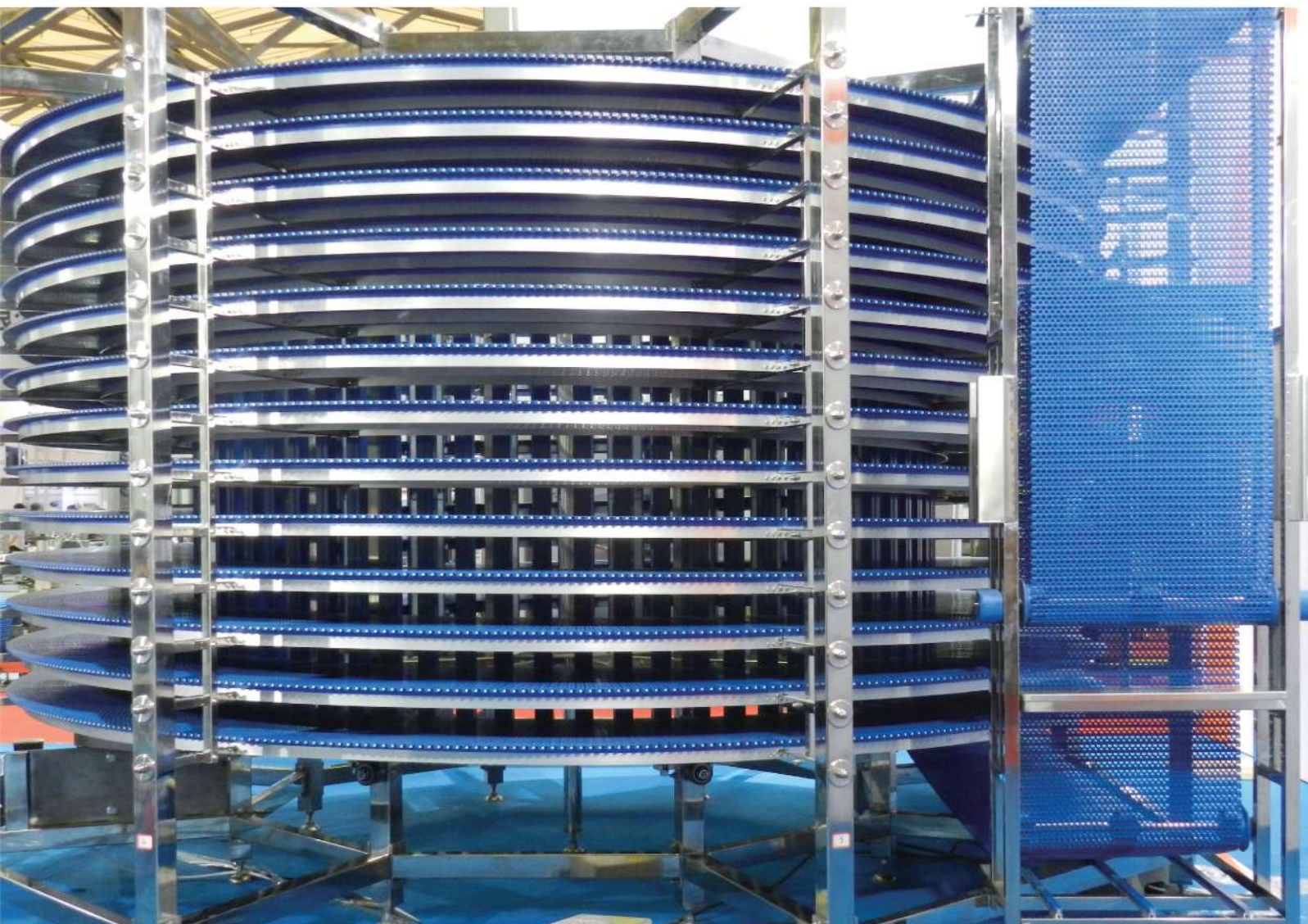
The spiral conveying chain plate can be selected separately.

适用范围

Application Scope

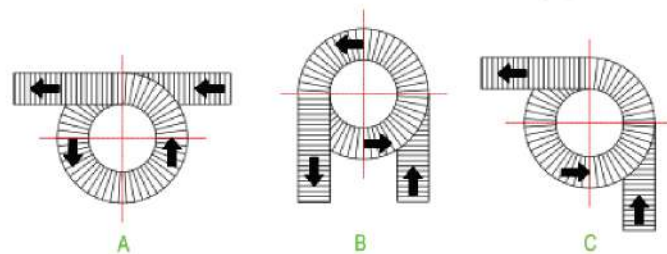
该输送设备适用于小包装产品发垂直输送食品，比如：卫生用品，药品，化妆品，日化用品等液态洗涤用品

Flexible spiral is suitable for small packaging products vertical conveying, such as sanitary products, medicines, cosmetics, daily chemical products and other liquid washing products.



螺旋冷却塔

Spiral Cooling Conveyor



适用范围

Application Scope

广泛的应用范围使冷却传送带成为面包、糕点、馅饼、蛋糕、披萨、饼干、甜点等烘焙产品连续生产线的理想解决方案。

A wide range of applications allows the cooling conveyor to be the ideal solution in continuous production line such as bakery products of bread, pastry, pies, cakes, pizzas, cookies, desserts etc.

采用模块式网带输送技术，具有运行平稳、操作简单、维护成本低等优点；满足食品行业安全卫生要求，是食品行业自动化连续生产线的延时输送功能的首选设备。

逐层传动螺旋塔是将减速电机的动力通过一根主轴带动每层的齿轮，由齿轮拨动每层的网带而进行运动。每个齿轮都带有智能动力传输器自动调节传输力。

主要用于烘焙行业的产品冷却。烘焙产品从隧道炉输出，进入螺旋冷却塔进行自然空气冷却或者强冷却。

输送带有多种规格和材质可选，一般选用食品级不锈钢304材质及食品级POM塑料材质。

我们可以根据您的产品类型，产量要求，现场情况，特殊设计一台适合您的专属螺旋冷却塔。

The main products developed by using modular mesh belt conveying technology have the advantages of smooth operation, simple operation and low maintenance cost. It can meet the safety and health requirements of the food industry. It is the preferred equipment for the delayed transportation function of the automatic continuous production line in the food industry.

The layer-by-layer transmission spiral tower drives the gear of each layer through a spindle, and the gear moves the net belt of each layer. Each gear is equipped with an intelligent power transmitter to automatically adjust the transmission force.

Mainly used for cooling products in the baking industry. The baking products are output from the tunnel furnace and enter the spiral cooling tower for natural air cooling or strong cooling.

Transport with a variety of specifications and materials to choose, generally choose food grade 304 stainless steel material and food grade POM plastic material.

We can design a special spiral cooling tower suitable for you according to your product type, production requirements and on-site conditions.



产品特性

- ◎ 倾斜角度小，可防止产品滑落
- ◎ 传送平稳操作简单，低噪音，易清洗，易维护

Product Features

- ◎ Small tilt angle can prevent the products from slipping
- ◎ Smooth transmission, simple operation, low noise, easy to clean and maintain



连续升降机

Continuous Vertical Conveyor

连续提升机实现了货物高速高效连续输送，无需等待载货盘。自动化操作，配置多种安全装置，实现多楼层间的货物运输，提高生产效率。

Continuous lifts enable high-speed and efficient continuous delivery of goods without waiting for pallets. Automatic operation, Equipped with a variety of safety devices to realize the transportation of goods between multiple floors.



● 产品特性

- ◎ 连续4股链条提升
- ◎ 模块化预制设计
- ◎ 仅采用重型优质部件，可提供多年可靠的服务
- ◎ 根据您的包装尺寸和重量，有不同的型号可供选择
- ◎ 可分成多件装运
- ◎ 为了安全起见，全封闭喷漆膨胀金属
- ◎ 非常安静的操作,80分贝以下
- ◎ “Z”、“C”、“L”、“E”式装卸
- ◎ 较低高度的检修门进行维护

● Product Features

- ◎ Continuous 4 strand chain lift.
- ◎ Modular pre-engineered design.
- ◎ Built with only heavy duty quality components for years of reliable service.
- ◎ Available in different models depend on your package size and weight.
- ◎ Can be divided into multiple shipments
- ◎ Totally enclosed with painted expanded metal for safety.
- ◎ Very quiet operation. Under 80 db's.
- ◎ Loading and unloading in "Z" "C" "L" "E" pattern.
- ◎ Access doors at lower elevation for maintenance.

适用范围

Application Scope

连续提升机广泛应用于家电、食品、饮料、烟草、邮政、化工、机械电子、仓储物流等自动化生产行业。如：纸质包装箱、周转箱、工装板、圆形筒及各种软包装物品。

Continuous vertical conveyor is widely used in home appliances, food, beverage, tobacco, postal, chemical, mechanical and electronic, warehousing and logistics and other automatic production industries. Such as: paper packing box, turnover boxes, tooling plates, round cylinders and all kinds of flexible packaging items.

OTHER TYPE CONVEYORS 其他各类输送机

滚筒式输送机

Drum Conveyor

滚筒式输送机是依靠滚筒来输送物品，主要有滚筒、机架、支架、驱动装置等部件组成，其具有输送量大、运转轻快，物品输送平稳，能实现多品种共线分流的输送优点。

Drum conveyor relies on drum to transport goods, which is mainly composed of drum, frame, support, driving device and other parts. It has the advantages of large transportation, light and fast operation, stable transportation of goods, and can achieve multi-variety collinear diverting.



产品配置

机身：碳钢，不锈钢

表层：RAL 颜色定制，不锈钢

锥滚材质：不锈钢，碳钢（镀锌）

轴心直径：15mm

螺旋机滚筒可单独选配

Product Configuration

Frame: carbon steel, stainless steel.

Surface: RAL color customized, stainless steel.

Drum material: stainless steel, carbon steel (galvanized).

Axis diameter: 15mm

The drum roller can be selected separately



滚筒转弯机

Curved Roller Conveyor





皮带输送机

Belt Conveyor

皮带输送机结构形式多样，有平型皮带机、爬坡皮带机、转弯皮带机、槽型皮带机等多种形式。根据输送工艺要求，可单台输送，也可多台组合或与其它输送设备组成水平或倾斜的输送系统，以满足不同布置型式的作业线需要。

Belt conveyor comes in various forms, such as flat belt conveyor, inclined and declined belt, turning belt conveyor, trough belt machine and other forms. According to the requirements of conveying process, it can be transported by a single unit, or it can be combined with multiple sets or other conveying equipment to form a horizontal or inclined conveying system in order to meet the needs of different layout types of operating lines.



产品配置

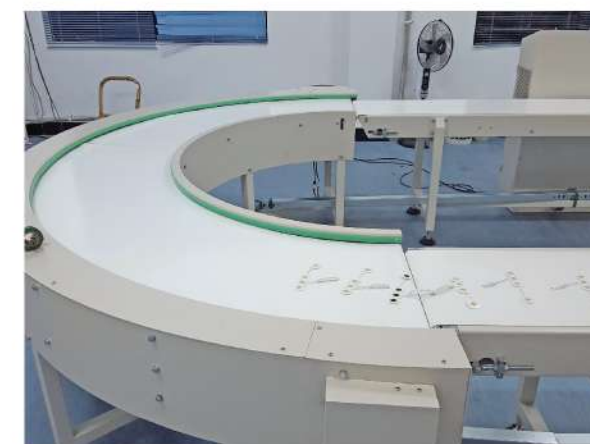
皮带材料是由橡胶、硅胶、聚氯乙烯、PVK、PU、聚四氟乙烯等材料制成的胶带材料；本身就是传送带，不仅适用于普通物料的输送，还能满足耐油、耐腐蚀、防静电等特殊要求的物料输送。采用食品级专用输送带，可满足食品、制药、日化等行业的要求。

Product Configuration

Belting material is made of rubber, silica gel, PVC, PVK, PU, teflon and other materials and it is the belting material itself that is the "conveyor belt". Not only applicable to ordinary materials delivery, but also to meet the oil resistance, corrosion resistance, anti-static and other special requirements of material transport. The use of special food-grade conveyor belt can meet the requirements of food, pharmaceutical, daily chemical industries.

皮带转弯机

Curved Belt Conveyor





链板输送机

Slat Chain Conveyor

链板输送机可以满足各类产线的贴标、灌装、清洗等设备的单列输送的要求；也可以使单列变成多列并行缓慢堆积，从而产生储存，满足杀菌机、储瓶台、冷瓶机的大量供料的要求，根据产品的需要可选取不同规格、不同形状的链板来完成平面输送、转弯输送、提升、下降等要求。具有体积小、结构灵巧、清洁美观、传送速度快的优点。

The chain plate conveyor can meet the requirements of single-row transportation of labeling, filling, cleaning and other equipment of all kinds of production lines; It can also turn single-column into multiple parallel and slow accumulation and storage to meet the requirements of a large number of materials supplied by sterilizers, bottle storage tables and cold bottling machines. According to the needs of products, chain plates of different specifications and shapes can be selected to complete the requirements of linear transportation, turning conveying lifting, lowering and so on. The utility model has the advantages of small size, dexterous structure, clean and beautiful appearance and fast transmission speed.

链板转弯机

Curved Slat Chain Conveyor



Product Features

- ◎ SYM Slat chain plate being able to curve into loops, turn corners, or even form spirals, and is very popular in complex continuous production systems or bottling, canning plants.
- ◎ The chain plate conveyor has the advantages of stable transportation smooth surface and low friction.
- ◎ Platelets of a slat can be made of stainless steel and engineering plastic etc with various specifications which is selected upon slat conveyor items and process requirements.
- ◎ Conveyor speed is accurate and stable to guarantee accurate synchronous transmission.
- ◎ Easy to clean, applicable to foods, soft drinks, breweries, bottling filling, wine industry, dairy, cheese, etc with strict sanitary requirement.
- ◎ Simple structure and convenient maintenance.

● 产品特性

- ◎ 输送链板能够弯曲成环，转弯，甚至形成螺旋；在复杂的连续生产系统或装瓶，罐装厂中非常受欢迎
- ◎ 链板输送机输送平稳，表面光滑，摩擦力小
- ◎ 链板可由不锈钢，工程塑料等材料制成，可根据链板输送项目和工艺要求选择不同规格
- ◎ 输送机速度准确稳定，保证同步准确传输
- ◎ 清洗方便，适用于食品、软饮料、啤酒厂、灌装、酒业、乳制品、奶酪等有严格卫生要求的行业
- ◎ 结构简单，维护方便



斜轮分拣机

Line Shaft Diverter



产品结构

设备采用模组结构，可根据需要尺寸组配
 支架采用激光折弯制作，产品外观漂亮，结构牢固
 分拣球采用聚氨酯包胶，表面经过防滑处理，保证球形尺寸精度
 机身采用4mm碳钢板激光焊接加工，表面镀锌处理
 分拣机传动采用摩擦机构或聚氨酯O带传动输送
 可实现30、45、60、75、90等分拣角度
 工作温度:-10℃-60℃，相对湿度:≤90%

Product Structure

The equipment adopts module structure and can be assembled according to the required size
 The bracket is made of laser bending, beautiful in appearance and firm in structure
 The sorting ball is made of polyurethane adhesive, and the surface is treated with non-slip to ensure the accuracy of spherical dimension.
 Frame adopts 4mm carbon steel plate by laser welding, surface galvanized treatment
 Can achieve 30, 45, 60, 75, 90 sorting angle
 Operating temperature :-10℃-60℃, relative humidity :≤90%

产品特性

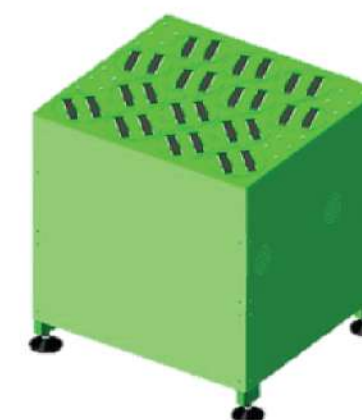
- ◎结构设计简单、动作可靠、不需经常维护
- ◎摆动采用步进、伺服电机，动作响应时间快
- ◎结构紧凑，斜轮面全护罩防护，消除斜轮间隙，分拣顺畅稳定
- ◎独立控制系统，只需接受分拣信号即可实现分拣动作，大大减少安装调试时间
- ◎分拣机选用步进电机并用传感器检测摆轮动作，与传感器信号互锁，保证分拣的稳定可靠
- ◎分拣机前后辊筒对接，减小与前后对接设备的间隙，保证输送分拣的稳定性与可靠性
- ◎设备设置调节地脚，现场可根据实际情况灵活调节，减少安装调试时间
- ◎分拣曲柄连杆机构，并用关节轴承连接，可微调分拣角度，使现场调试更具灵活性

Product Features

- ◎Simple structure design, reliable movement, do not need frequent maintenance
- ◎Swing adopts stepper, servo motor, fast response
- ◎Compact structure with full shield protection of inclined wheel surface, elimination of inclined wheel gap, smooth and stable sorting
- ◎The independent control system can realize the sorting action only by receiving the sorting signal, which greatly reduces the installation and debugging time.
- ◎The stepper motor is selected and the sensor is used to detect the action of the swing wheel, which is interlocked with the sensor signal to ensure the stability and reliability of sorting.
- ◎The front and rear rollers of the sorting machine are docked to reduce the gap with the front and rear docking equipment, to ensure the stability and reliability of conveying and sorting.



- ◎The equipment setting and adjusting footing can be adjusted flexibly according to the actual situation on site to reduce the installation and debugging time.
- ◎Sorting crank connecting rod mechanism with joint bearing connection can fine tune sorting angle so that make the field debugging more flexibility.



打印贴标机

Printing Labeling Machine



● 产品特性

- ◎ Zebra/Honeywell/Sato 打印引擎
- ◎ 7x24 小时连续、高速、全自动打印贴标
- ◎ 贴标方式灵活，性能稳定，智能控制，操作简单，检测灵敏度高，经久耐用，贴标精度 $\pm 1\text{mm}$
- ◎ 支持定制

● Product Features

- ◎ Zebra/Honeywell/Sato print engine
- ◎ 7x24 hour continuous, high-speed, fully automatic printing and labeling
- ◎ Flexible labeling, stable performance, intelligent control, simple operation, high detection sensitivity, durable, labeling accuracy $\pm 1\text{mm}$
- ◎ Can be customized upon the requirements

适用范围

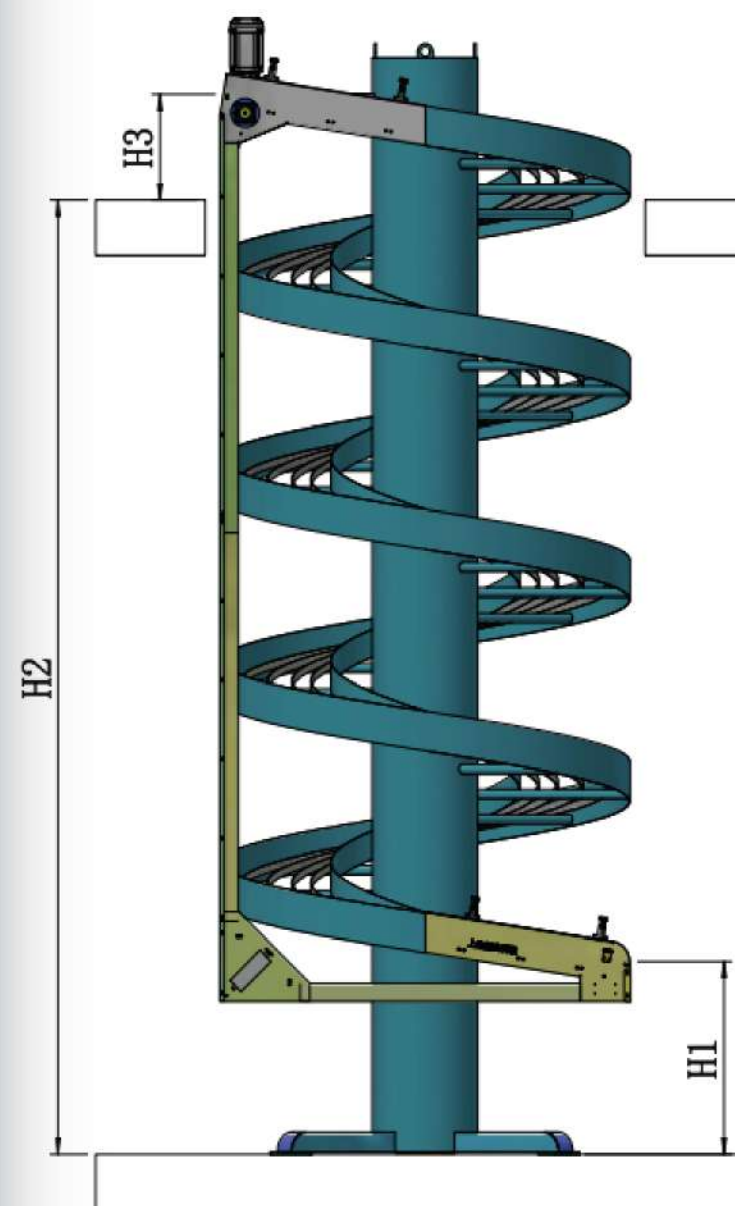
Application Scope

可广泛应用于电子、食品、医药、日化、等行业中例如生产资料、序列号、防伪码、电子监管码、包装资料、运输资料以及销售渠道资料

It can be widely used in electronics, food, medicine, daily chemical, and other industries, such as means of production, serial number, security code, electronic supervision code, packaging information, transportation information and sales channel information.

烁业螺旋机选型手册

Sym Spiral Selection Guide



输送产品: _____
Product To Be Handled

长度: 最小 _____ 最大 _____ MM
Length Min Max

宽度: 最小 _____ 最大 _____ MM
Width Min Max

高度: 最小 _____ 最大 _____ MM
Height Min Max

重量: 最小 _____ 最大 _____ MM
Weight Min Max

输送速度: _____
Conveyor Speed

控制电压: _____
Controls Voltage

传送方向: _____
Transmission Direction

上升: ☐ 下降: ☐
Upwards Downwards

接触材质: _____
Contact Material

201不锈钢 ☐ 304不锈钢 ☐ 碳钢 ☐
SUS201 SUS304 Carbon Steel

H1: _____ MM H2: _____ MM H3: _____ MM

特殊需求: _____
Special Request

