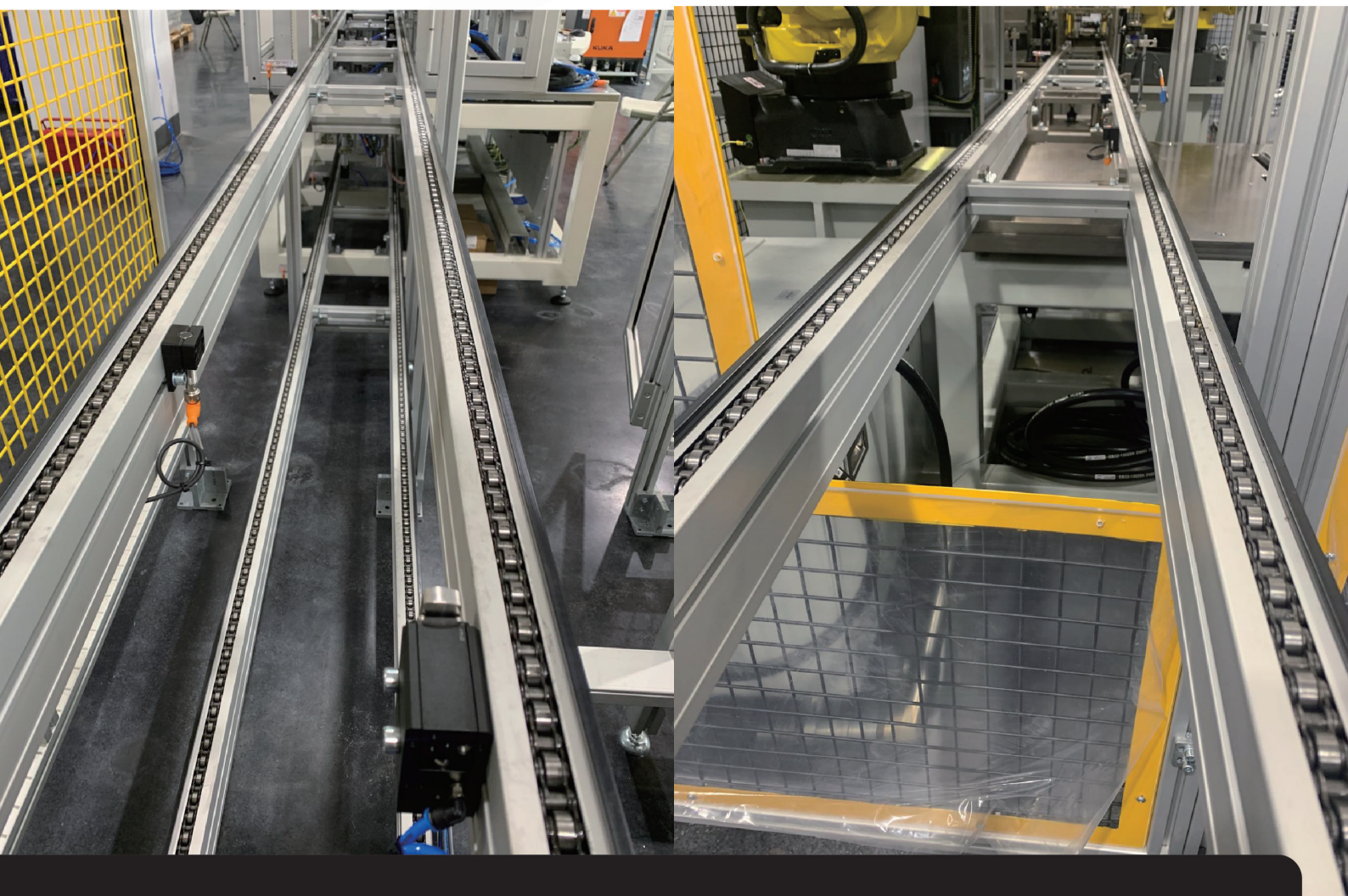


模块化输送系统

Modular delivery system



提供物料搬运模块化解决方案！

SCC



关于森程

苏州森程机电科技有限公司是一家汇集工业自动化设备设计开发、线性运动设备生产制造、销售服务为一体的综合性智能装备企业，专业从事输送设备的开发制造、非标自动化机械设备开发制造、工业性设备开发制造。

公司拥有一支底蕴丰厚、经验丰富的资深设计团队及“诚信、专业”的销售团队，提供最佳的整体解决方案及贴心的售后服务。

本公司产品借鉴并消化吸收了国内外自动化行业的最新技术和模式，产品充分考虑以人为本的理念，致力于实现“人与设备完美结合的适度自动化”，最终实现更专业、更人性化智能技术。为客户的成本、效益、效率、品质、制造能达到最佳平衡的效果，从而为客户创造价值。我司愿与各界朋友真诚合作，共谋发展。公司自成立以来，在全体员工的不懈努力下创建了一套完整的企业体系，树立了良好的企业形象。

我司一贯坚持“以保证产品质量为根本”；以满足市场需求为导向；以“提供生产工作效率”为目标；以“为创造客户价值为己任”的使命；以“灵活要有原则，原则不可灵活”的管理理念，以“诚信、敬业、应变、卓越、创新”的经营理念，以“质量第一、用户至上”的质量方针，以优质的服务真诚对待广大客户，努力遵循为客户、为员工、为企业、为社会创造更高价值。

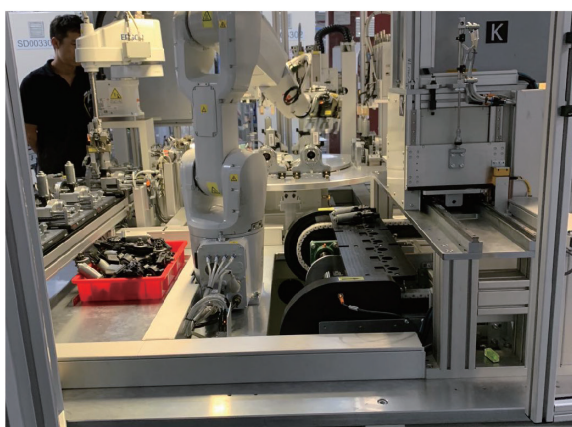
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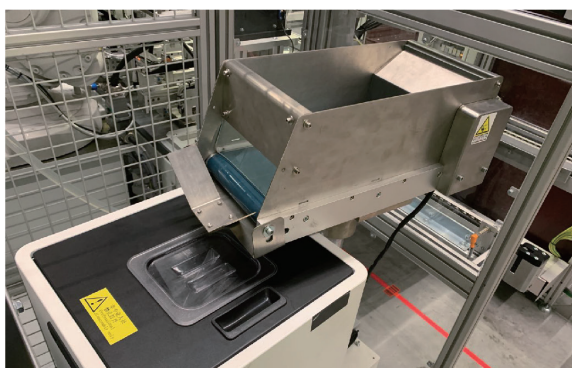
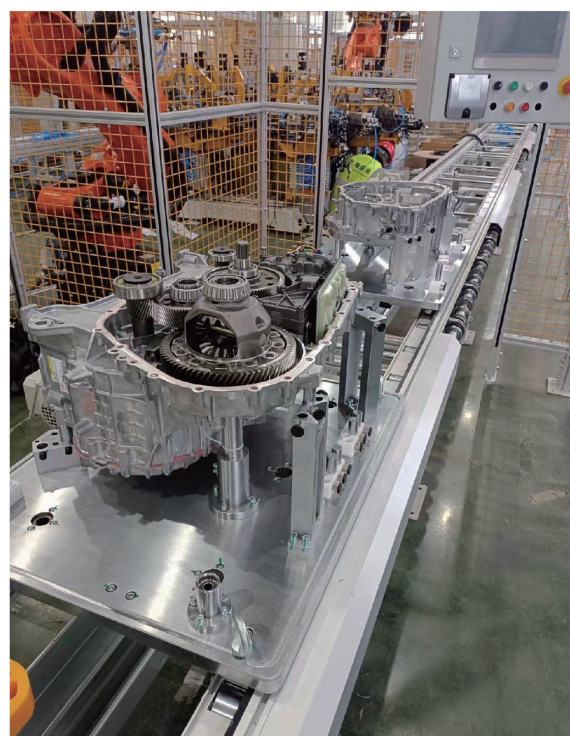


▲ SC325 2.5倍速托盘输送机
SC325 2.5X speed pallet conveyor

▼ SC400 辊子链输送机
SC400 Roller chain conveyor



▲ 顶板链输送线
Roof chain



▲ 补料仓
Repair bunker



▲ SC300 托盘输送线
SC300 pallet conveyor line



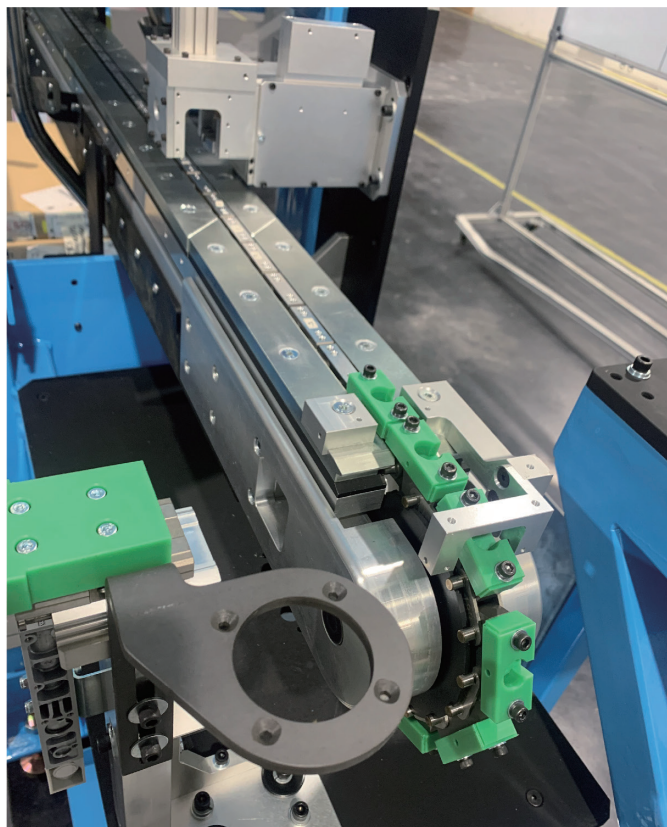
▲ SC100 托盘输送线
SC100 pallet conveyor line



▲ 链板输送线
Chain plate conveyor line



▲ 辊筒输送线
Roller conveyor line



▲ 精密链节式输送线
Precision chain type conveyor line



▲ SC100 托盘输送线
SC100 pallet conveyor line



▲ SC300 托盘输送线
SC300 pallet conveyor line



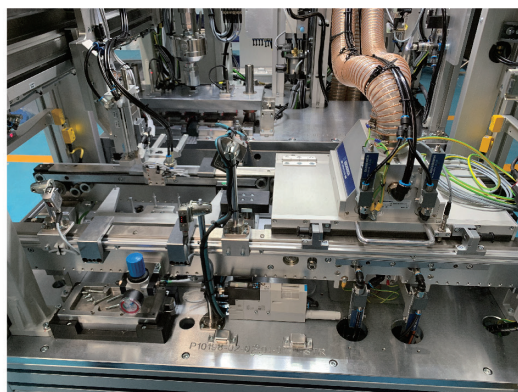
▲ SC300 托盘输送线
SC300 pallet conveyor line



▲ SC100 托盘输送线
SC100 pallet conveyor line



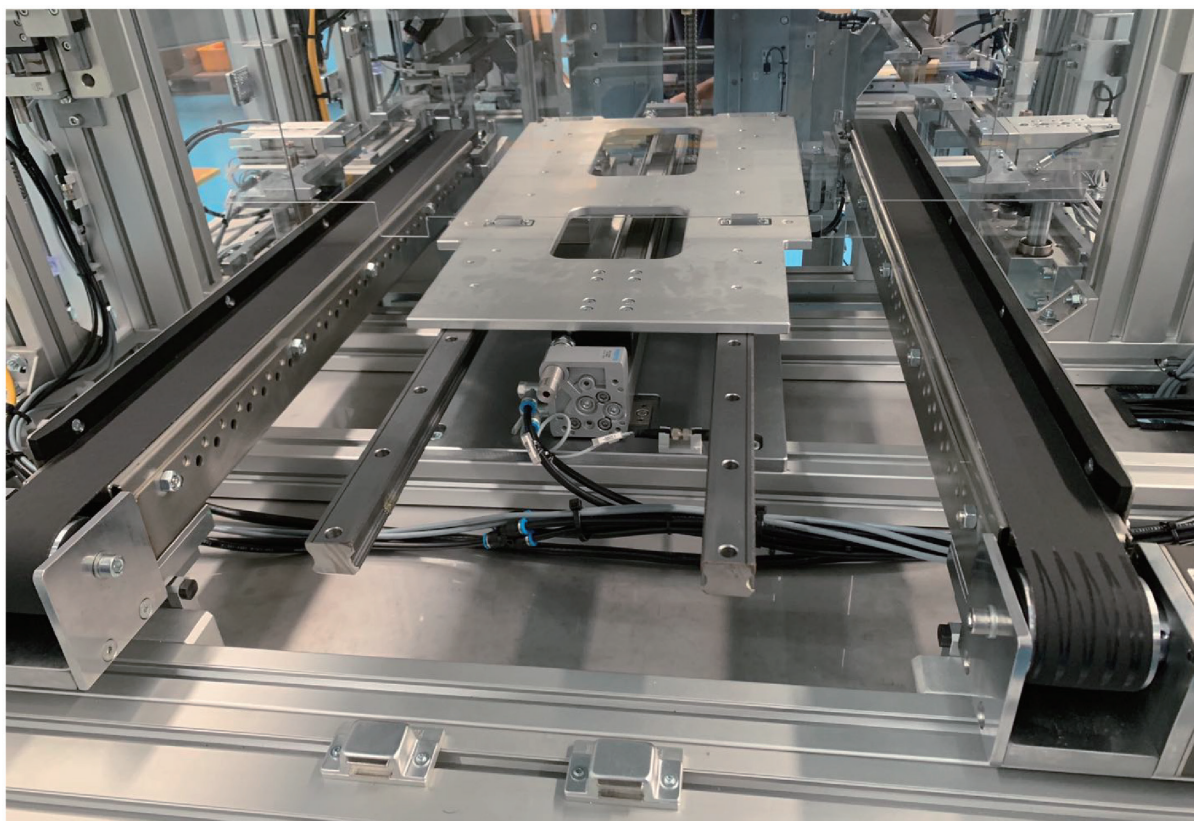
▲ SC100 托盘输送线
SC100 pallet conveyor line



▲▼ 非标输送线设备
Non-standard delivery line



▼ 非标输送线设备
Non-standard delivery line

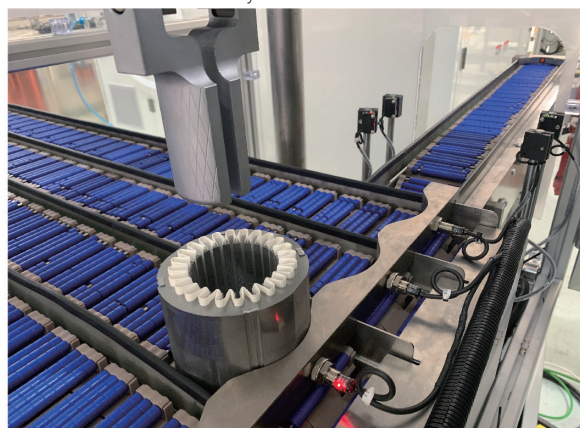




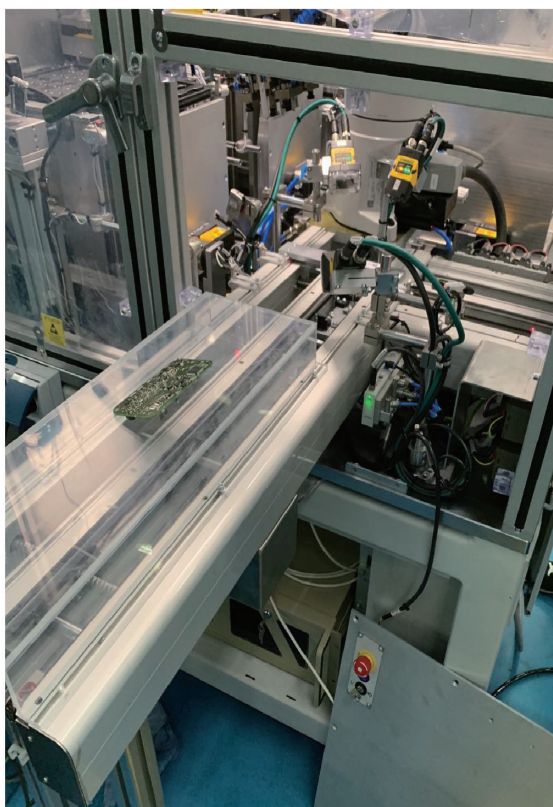
▲ SC325 2.5倍速托盘输送机
SC325 2.5X speed pallet conveyor



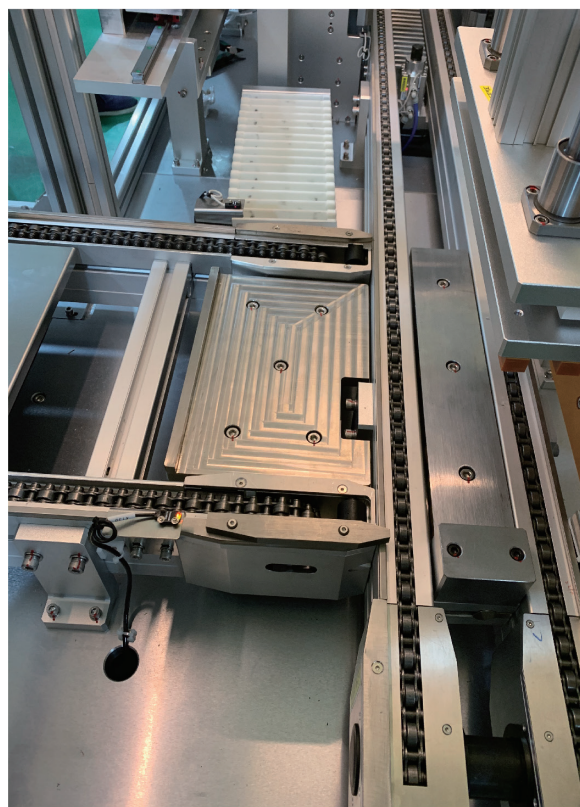
▲ SC400辊子链输送机
SC400 Roller chain conveyor



▲ 滚珠链板式输送线
Ball chain plate conveyor line



▲ 非标输送线设备
Non-standard delivery line

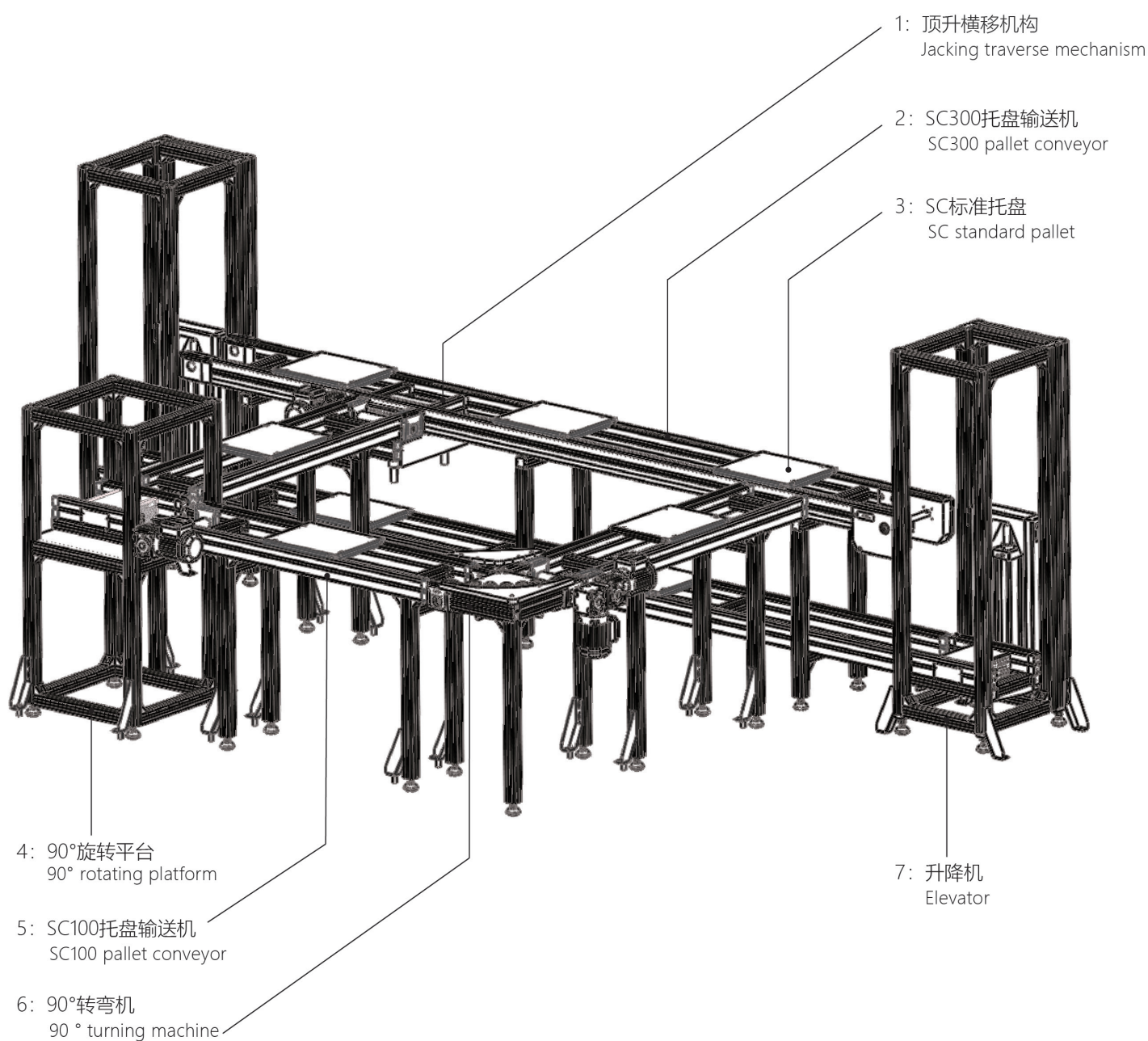


▲ SC300 托盘输送线
SC300 pallet conveyor line

托盘输送系统 Pallet conveyor system

森程托盘输送系统(SC)是采用模块化设计保证装配线体的灵活性以及扩展和改造的便捷性，减少设计和装配时间。在每个系列中，使用标准线体和高度模块化配套机构，可以应对多种需求和进行便捷的组合使用，以满足各种自动化生产需求。森程提供由专业安装团队的现场安装服务，常备库存，快速响应，满足客户短交期需求。

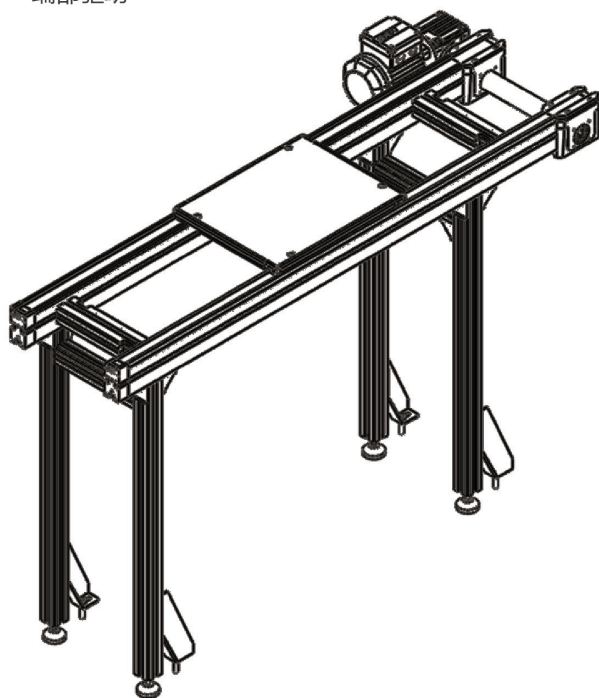
Sencheng pallet conveyor system (SC) adopts modular design to ensure flexibility of assembly line and ease of expansion and modification, reducing design and assembly time. In each series, the use of standard wire body and highly modular supporting mechanism, can cope with a variety of needs and easy combination of use to meet a variety of automated production needs. Sencheng provides on-site installation services provided by a professional installation team, standing inventory, quick response to meet customers' short delivery requirements.



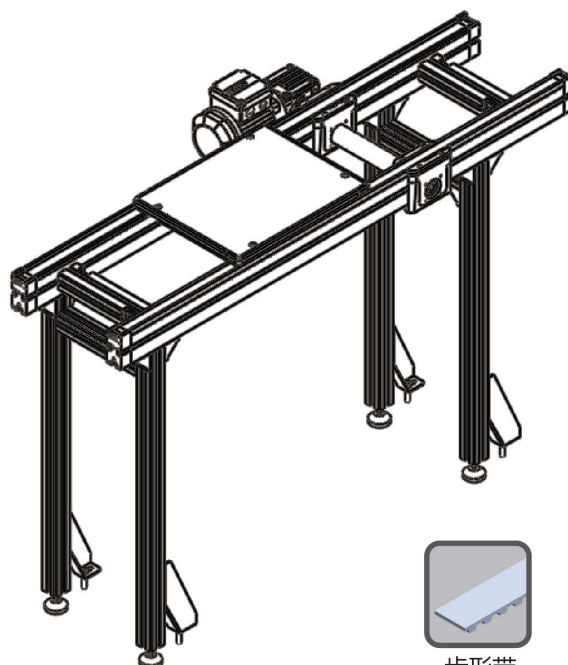
SC100托盘输送机

SC100 Pallet conveying line

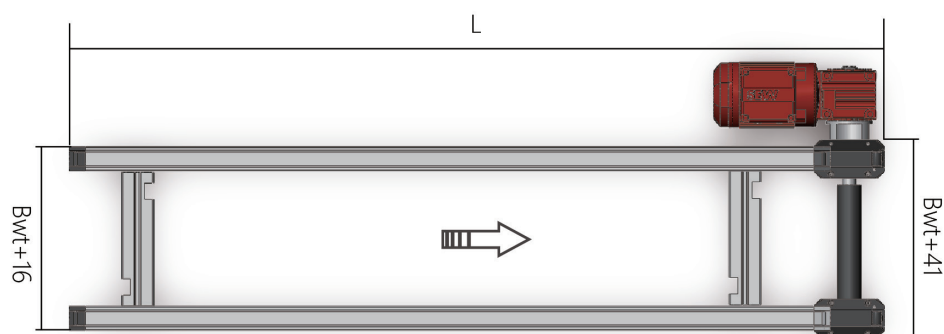
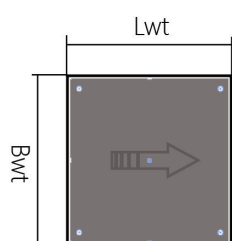
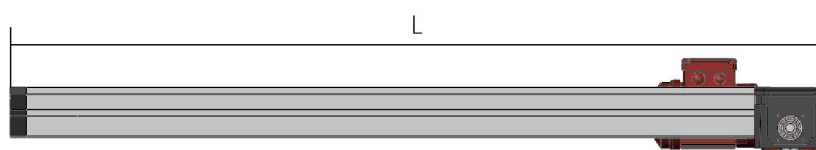
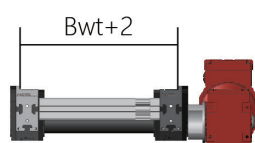
End Drive
端部驱动



Center Drive
中间驱动



齿形带



- 建议配合SC托盘使用，其他厂家或客户自制托盘需要与森程相关人员协商认可，以达到线体及相关机构的最佳使用效果。
It is suggested to cooperate with SC tray, other manufacturers or customers to make their own trays need to negotiate with the relevant personnel in The forest process for approval, in order to achieve the best use effect of the line body and related institutions.
- 建议按照图示方向使用线体，若反向输送，输送能力降低1/3。
It is recommended to use the line body in the direction shown in the figure. If the line is transported in reverse direction, the conveying capacity will be reduced by 1/3.
- 选用中间驱动时，驱动单元应靠近头部装置，并且在整体线长的1/3以内为佳。
When choosing the intermediate drive, the drive unit should be close to the head device, and within 1/3 of the overall line length is preferred.
- 线体长度须为5的倍数。
The length of the line must be a multiple of 5.

Specifications 规格配置

线体长度 / The length of the line	400≤L≤6000 (mm)
托盘宽度 / Pallet width	160≤Bwt≤1200 (mm)
线体高度 / Coneyor height	高度可指定 / Highly customizable
最大负载能力 / Maximum load capacity	60Kg; 1Kg/cm
最大满载运行速度 / Maximum full load running speed	V . Max=20m/min
驱动方式 / Drive way	直接驱动 / Direct drive
传输介质 / Transmission medium	专用齿形带 / Special toothed belt

当V≥18m / min时，最大负载能力降低到30Kg
When V≥18m/min, the maximum load capacity decreases to 30Kg

Product characteristics 产品特征

- 1.模块化设计，模块化部件，维护方便。
Modular design, modular components, easy maintenance.
- 2.易于实现积放输送，配合转台、圆带转弯、顶升横移及升降机构使用，实现柔性自动化循环输送。
It is easy to realize the integrated conveying, which can be used in conjunction with the turntable, circular belt turning, jacking and horizontal moving and lift mechanism to realize the flexible automatic circular conveying.
- 3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）。
The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.
- 4.传输介质为防静电型齿形带。
Transmission medium is anti-static toothed belt.

Application field 应用领域

汽车零部件、静电敏感的电子设备，医疗技术，光学产业，汽车电池生产，电动机组件等。
Automotive components, electronics, medical technology, optical industry, automotive battery production, motor components, etc.

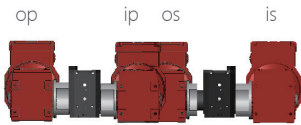
Order 订购

SC100--M--V--Bwt--L--H--N--OP--F1--E--SR

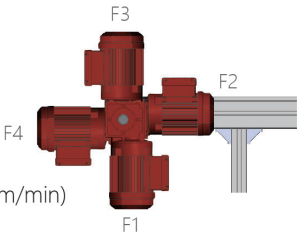
- M 满载负载 / Full load
V 运行速度 (2-20m / min, 推荐8-16m / min) / Operating speed (2-20m/min, recommended 8-16m/min)
Bwt 托盘宽度 / Width of the tray
L 线体长度 / The length of the line
H 输送面水平高度(最小高度不小于240mm，当数值为0时表示不含支撑腿单元) / Horizontal height of conveying surfacethe line.
N 支撑腿数量 (支腿间距1000-2000mm) / Number of supporting legs (Leg spacing 1000-2000mm)
OP 电机位置 (如图示1-1) / Motor position (as shown in Figure 1-1)
F1 电机方向 (如图示1-2) / Motor towards (as shown in Figure 1-2)
E 驱动位置 (E-端部, C-中间) / Drive position (E- end, C- middle)
SR 特殊要求 / Special requirements

example 订货范例:

SC100--M30--V16--Bwt160--L2000--H800--N2--OP--F1--E
SC100托盘输送机--满载负载30kg--托盘运行速度16m/min--托盘宽度160mm--线体长度2000mm--输送面水平高度800mm--支撑腿数量2个--电机位置OP--电机方向F1--端部驱动。



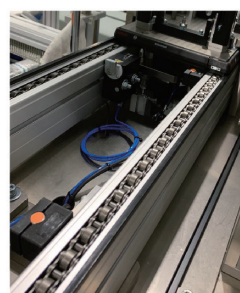
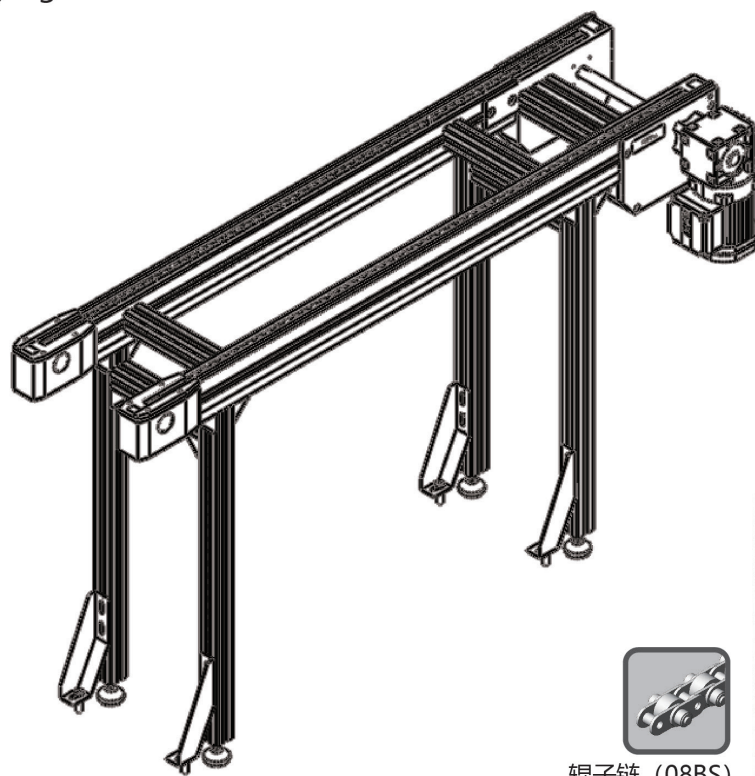
图示1-1



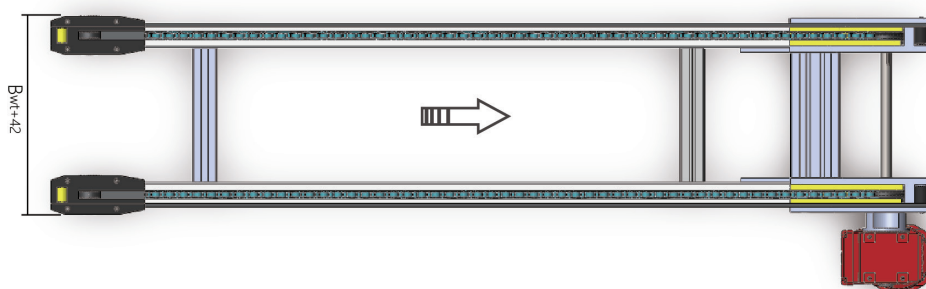
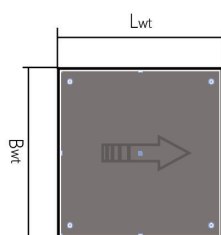
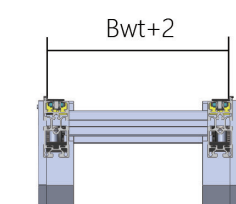
图示1-2

SC300托盘输送机

SC300 Pallet conveying line



辊子链 (08BS)



- 建议配合SC托盘使用，其他厂家或客户自制托盘需要与森程相关人员协商认可，以达到线体及相关机构的最佳使用效果。
It is suggested to cooperate with SC tray, other manufacturers or customers to make their own trays need to negotiate with the relevant personnel in The forest process for approval, in order to achieve the best use effect of the line body and related institutions.
- 按照图示方向使用线体，禁止反向输送。
Use the line body in the direction shown in the diagram. Reverse transport is prohibited.

Specifications 规格配置

线体长度 / The length of the line	600≤L≤12000 (mm)
托盘宽度 / Pallet width	160≤Bwt≤800 (mm)
线体高度 / Coneyor height	高度可指定 / Highly customizable
最大负载能力 / Maximum load capacity	2000KG; 2kg/cm
最大满载运行速度 / Maximum full load running speed	V . Max=20m/min
驱动方式 / Drive way	直接驱动 / Direct drive
传输介质 / Transmission medium	08BS积放链条 / 08BS cumulative release chainbelt

* 当V≥18m / min时, 最大负载能力降低到600Kg
When V≥18m/min, the maximum load capacity decreases to 600Kg

Product characteristics 产品特征

- 1.模块化设计, 模块化部件, 维护方便。
Modular design, modular components, easy maintenance.
- 2.易于实现积放输送, 配合转台、圆带转弯、顶升横移及升降机构使用, 实现柔性自动化循环输送。
It is easy to realize the integrated conveying, which can be used in conjunction with the turntable, circular belt turning, jacking and horizontal moving and lift mechanism to realize the flexible automatic circular conveying.
- 3.边框为有标准槽口高强度铝合金型材, 方便将输送机安装在其他设备上, 或在输送机上安装其他附件 (传感器, 支架等)
The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.

Application field 应用领域

汽车零部件、静电敏感的电子设备, 医疗技术, 光学产业, 汽车电池生产, 电动机组件等。
Automotive components, electronics, medical technology, optical industry, automotive battery production, motor components, etc.

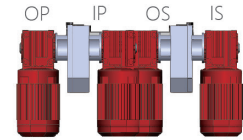
Order 订购

SC300--M--V--Bwt--L--H--N--OP--F1--SR

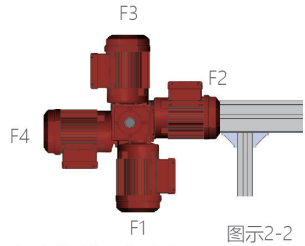
- M 满载负载 / Full load
V 运行速度 (2-20m / min, 推荐8-16m / min) / Operating speed (2-20m/min, recommended 8-16m/min)
Bwt 托盘宽度 / Width of the tray
L 线体长度 / The length of the line
H 输送面水平高度 / Horizontal height of conveying surfacethe line
N 支撑腿数量 (支腿间距1000-2000mm) / Number of supporting legs (Leg spacing 1000-2000mm)
OP 电机位置 (如图示2-1) / Motor position (as shown in Figure 2-1)
F1 电机方向 (如图示2-2) / Motor towards (as shown in Figure 2-2)
SR 特殊要求 / Special requirements

example 订货范例:

SC300--M200--V12--Bwt160--L2000--H800--N2--OP--F1
SC300托盘输送机--满载负载200kg--托盘运行速度12m/min--托盘宽度160mm--线体长度2000mm--输送面水平高度800mm--支撑腿数量2个--电机位置OP--电机方向F1。



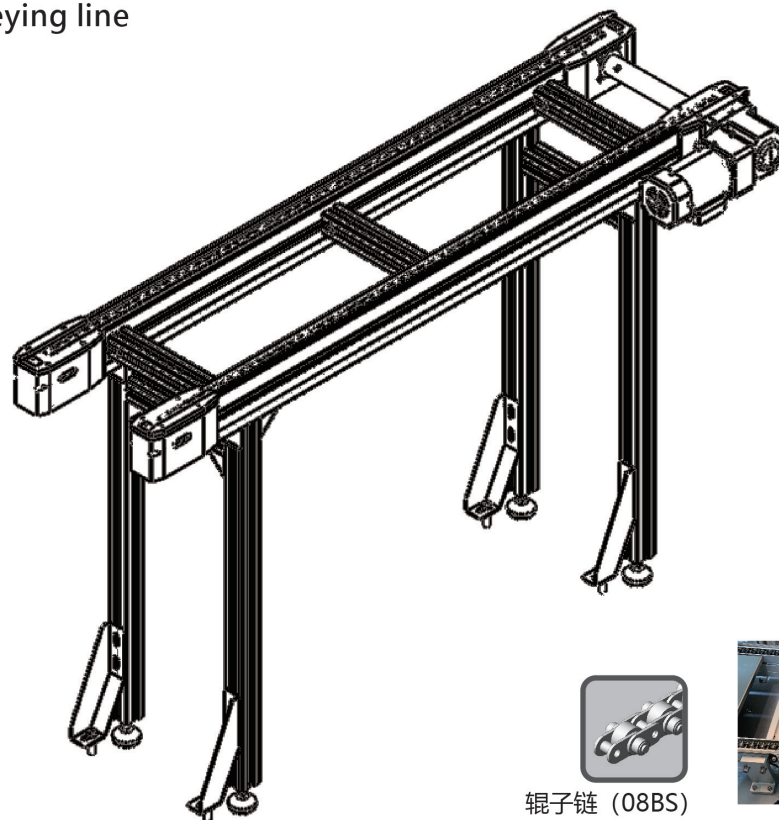
图示2-1



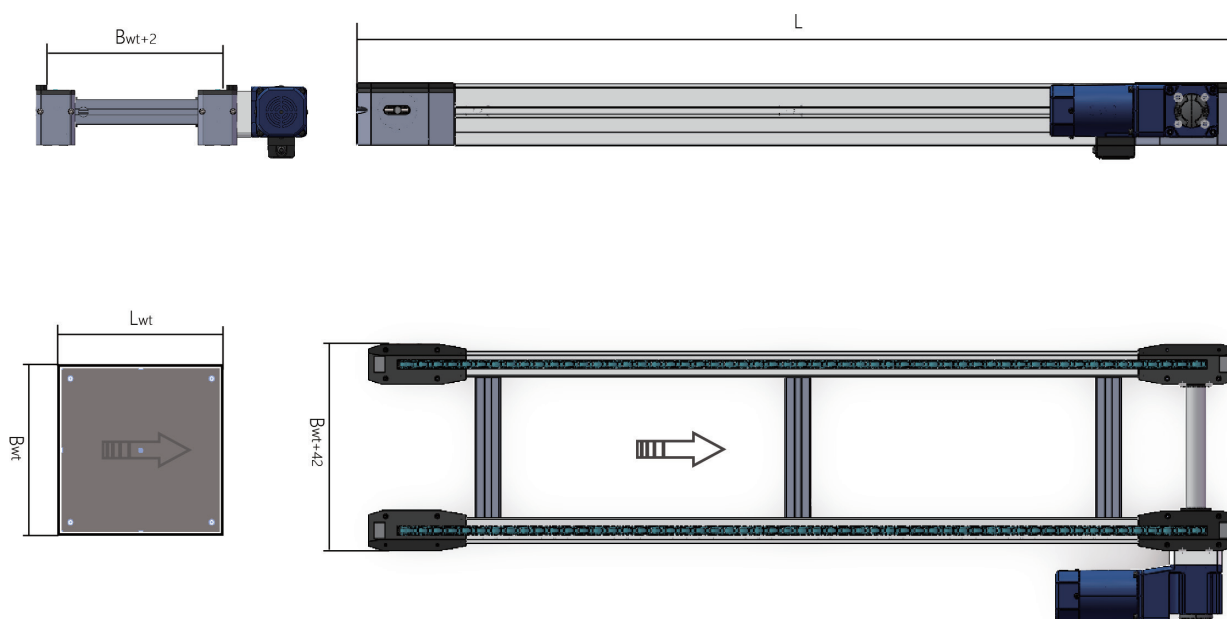
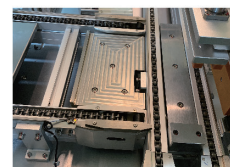
图示2-2

SCF300托盘输送机

SCF300 Pallet conveying line



辊子链 (08BS)



- 建议配合SC托盘使用，其他厂家或客户自制托盘需要与森程相关人员协商认可，以达到线体及相关机构的最佳使用效果。
It is suggested to cooperate with SC tray, other manufacturers or customers to make their own trays need to negotiate with the relevant personnel in The forest process for approval, in order to achieve the best use effect of the line body and related institutions.
- 按照图示方向使用线体，必要时可反向输送。
Use the line body in the direction shown in the diagram. Reverse delivery if necessary.

Specifications
规格配置

线体长度 / The length of the line	$500 \leq L \leq 4000$ (mm)
托盘宽度 / Pallet width	$160 \leq Bwt \leq 800$ (mm)
线体高度 / Coneyor height	高度可指定 / Highly customizable
最大负载能力 / Maximum load capacity	300Kg; 2kg/cm
最大满载运行速度 / Maximum full load running speed	V . Max=20m/min
驱动方式 / Drive way	直接驱动 / Direct drive
传输介质 / Transmission medium	08BS积放链条 / 08BS cumulative release chainbelt

* 当 $V \geq 18m/min$ 时，最大负载能力降低到120Kg
When $V \geq 18m/min$, the maximum load capacity decreases to 120Kg

Product characteristics
产品特征

- 1.模块化设计，模块化部件，维护方便。
Modular design, modular components, easy maintenance.
- 2.易于实现积放输送，配合转台、圆带转弯、顶升横移及升降机构使用，实现柔性自动化循环输送。
It is easy to realize the integrated conveying, which can be used in conjunction with the turntable, circular belt turning, jacking and horizontal moving and lift mechanism to realize the flexible automatic circular conveying.
- 3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）
The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.

Application field
应用领域

汽车零部件、静电敏感的电子设备，医疗技术，光学产业，汽车电池生产，电动机组件等。
Automotive components, electronics, medical technology, optical industry, automotive battery production, motor components, etc.

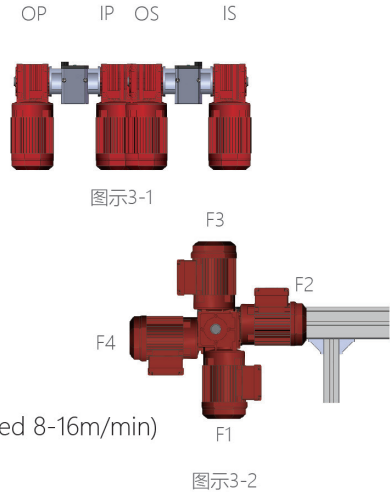
Order
订购

SCF300--M--V--Bwt--L--H--N--OP--F1--SR

- M 满载负载 / Full load
V 运行速度 (2-20M / min, 推荐8-16M/ min) / Operating speed (2-20m/min, recommended 8-16m/min)
Bwt 托盘宽度 / Width of the tray
L 线体长度 / The length of the line
H 输送面水平高度 / Horizontal height of conveying surfacethe line
N 支撑腿数量 (支腿间距1000-2000mm) / Number of supporting legs (Leg spacing 1000-2000mm)
OP 电机位置 (如图示3-1) / Motor position (as shown in Figure 3-1)
F1 电机方向 (如图示3-2) / Motor towards (as shown in Figure 3-2)
SR 特殊要求 / Special requirements

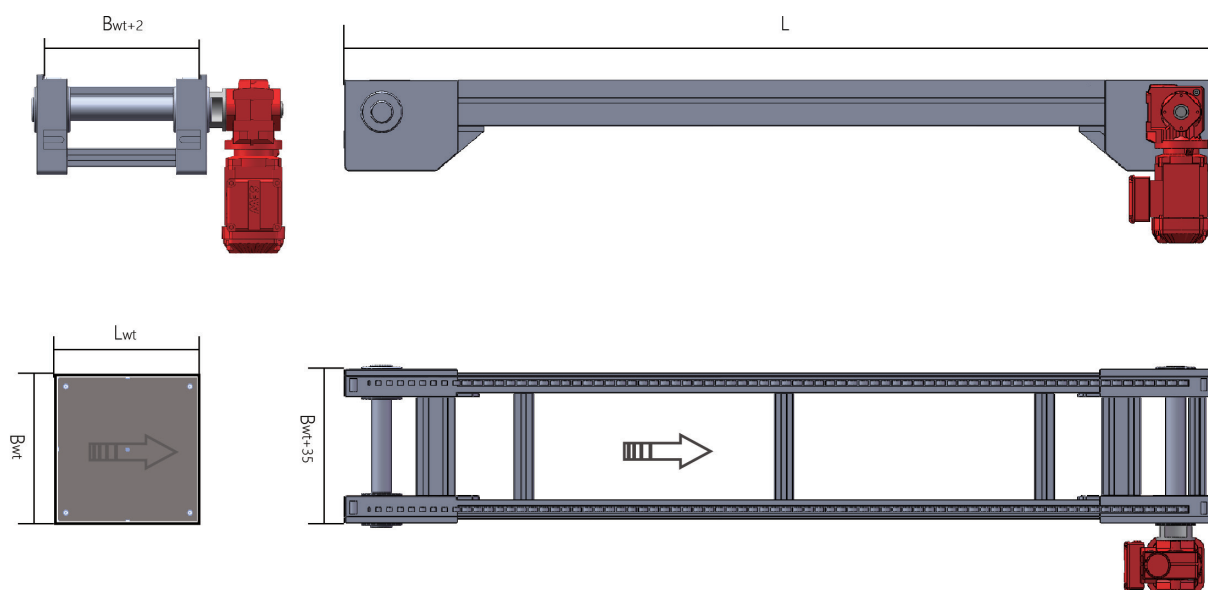
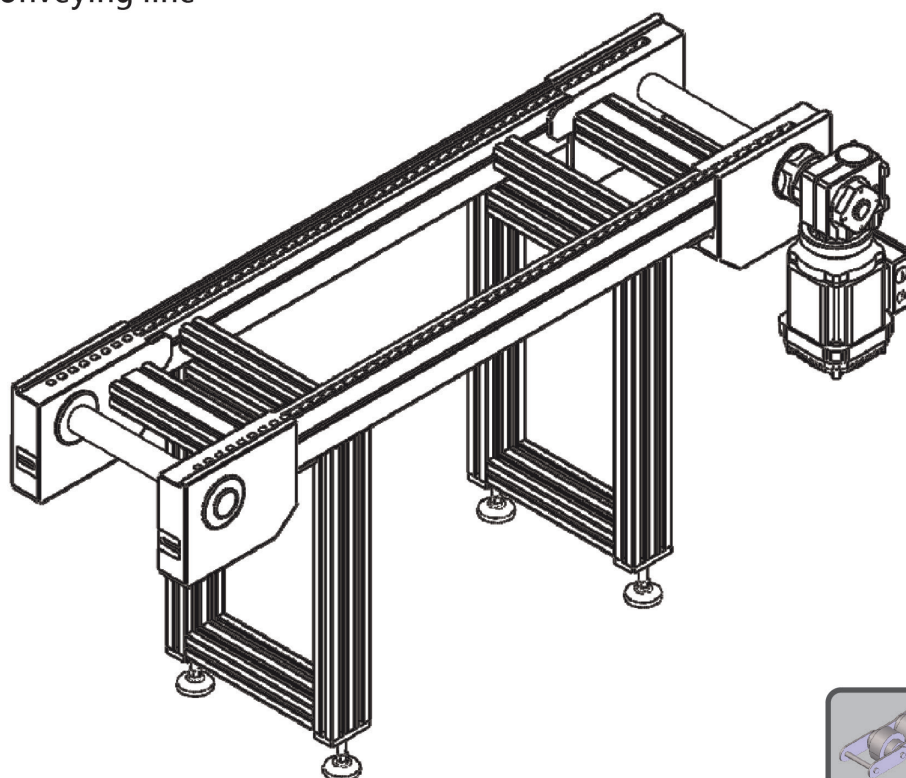
example
订货范例:

SCF300--M150--V12--Bwt160--L2000--H800--N2--OP--F1--E
SCF300托盘输送机--满载负载150kg--托盘运行速度12m/min--托盘宽度160mm--线体长度2000mm--输送面水平高度800mm--支撑腿数量2个--电机位置OP--电机方向F1。



SC325托盘输送机

SC325 Pallet conveying line



- 建议配合SC托盘使用，其他厂家或客户自制托盘需要与森程相关人员协商认可，以达到线体及相关机构的最佳使用效果。
It is suggested to cooperate with SC tray, other manufacturers or customers to make their own trays need to negotiate with the relevant personnel in The forest process for approval, in order to achieve the best use effect of the line body and related institutions.
- 按照图示方向使用线体，禁止反向输送。
Use the line body in the direction shown in the diagram. Reverse transport is prohibited.

Specifications
规格配置

线体长度 / The length of the line	500≤L≤12000 (mm)
托盘宽度 / Pallet width	160≤Bwt≤1200 (mm)
线体高度 / Coneyor height	高度可指定 / Highly customizable
最大负载能力 / Maximum load capacity	1800Kg; 2.2kg/cm
最大满载运行速度 / Maximum full load running speed	V . Max=30m/min
驱动方式 / Drive way	直接驱动 / Direct drive
传输介质 / Transmission medium	C208A积放链条 / C208A cumulative release chainbelt

* 当V≥25m / min时，最大负载能力降低到700Kg
When V≥25m/min, the maximum load capacity decreases to 700Kg

Product characteristics
产品特点

- 1.模块化设计，模块化部件，维护方便。
Modular design, modular components, easy maintenance.
- 2.易于实现积放输送，配合转台、圆带转弯、顶升横移及升降机构使用，实现柔性自动化循环输送。
It is easy to realize the integrated conveying, which can be used in conjunction with the turntable, circular belt turning, jacking and horizontal moving and lift mechanism to realize the flexible automatic circular conveying.
- 3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）
The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.

Application field
应用领域

汽车零部件、静电敏感的电子设备，医疗技术，光学产业，汽车电池生产，电动机组件等。
Automotive components, electronics, medical technology, optical industry, automotive battery production, motor components, etc.

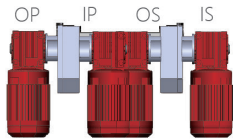
Order
订购

SC325--M--V--Bwt--L--H--N--OP--F1--SR

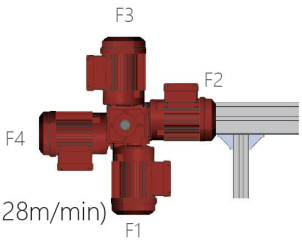
- M 满载负载 / Full load
V 运行速度 (8-30m / min, 推荐16-28m / min) / Operating speed (8-30m/min, recommended 16-28m/min)
Bwt 托盘宽度 / Width of the tray
L 线体长度 / The length of the line
H 输送面水平高度 / Horizontal height of conveying surfacethe line
N 支撑腿数量 (支腿间距1000-2000mm) / Number of supporting legs (Leg spacing 1000-2000mm)
OP 电机位置 (如图示4-1) / Motor position (as shown in Figure 4-1)
F1 电机方向 (如图示4-2) / Motor towards (as shown in Figure 4-2)
SR 特殊要求 / Special requirements

example
订货范例:

SC325--M150--V12--Bwt160--L2000--H800--N2--OP--F1--E
SC325托盘输送机--满载负载150kg--托盘运行速度12m/min--托盘宽度160mm--线体长度2000mm--输送面水平高度800mm--支撑腿数量2个--电机位置OP--电机方向F1。



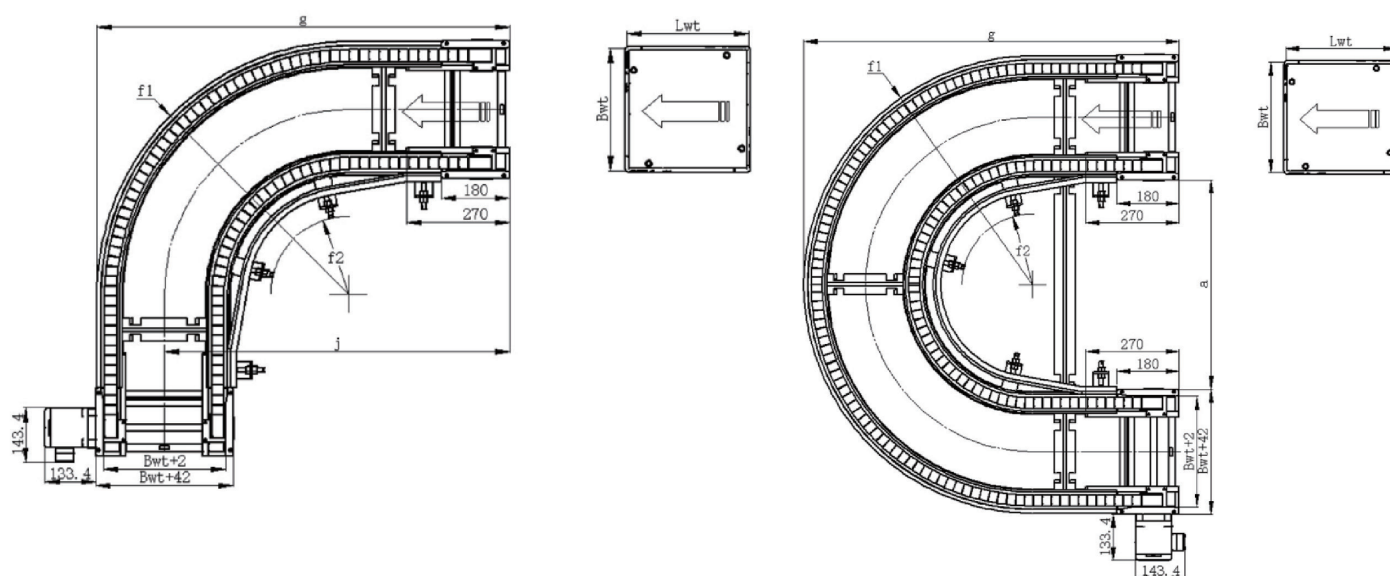
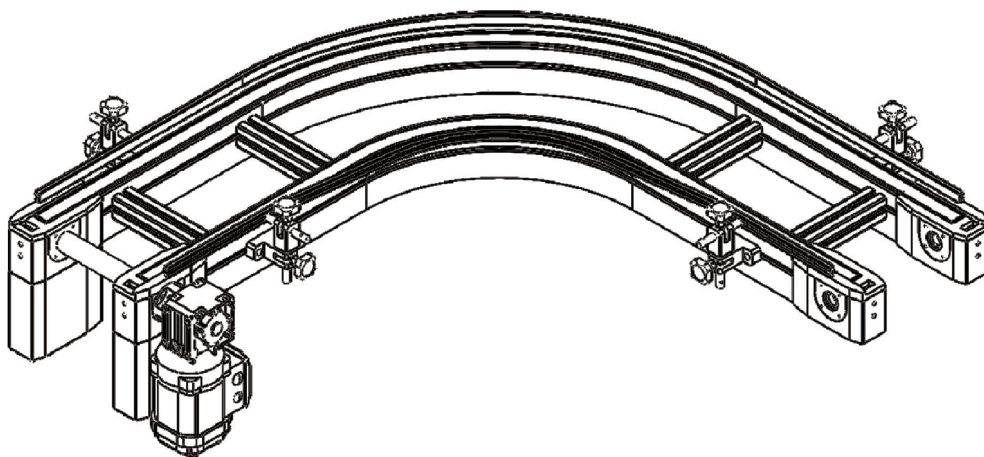
图示4-1



图示4-2

SCTU90/180转弯托盘输送机

SCTU90/180 Turning pallet conveyor



- 建议配合SC托盘使用，其他厂家或客户自制托盘需要与森程相关人员协商认可，以达到线体及相关机构的最佳使用效果。
It is suggested to cooperate with SC tray, other manufacturers or customers to make their own trays need to negotiate with the relevant personnel in The forest process for approval, in order to achieve the best use effect of the line body and related institutions.
- 可直线输送使用。
It can be used for straight line transportation.
- 按照图示方向使用线体，禁止反向输送。
Use the line body in the direction shown in the diagram. Reverse transport is prohibited.
- 内侧最小转弯半径320mm。
Inside minimum turning radius 320mm.

Specifications
规格配置

线体直线段长度 / The length of the line	$500 \leq L \leq 6000$ (mm)
托盘宽度 / Pallet width	$160 \leq Bwt \leq 800$ (mm)
线体高度 / Coneyor height	高度可指定 / Highly customizable
最大负载能力 / Maximum load capacity	60Kg; 1kg/cm
最大满载运行速度 / Maximum full load running speed	V . Max=18m/min
驱动方式 / Drive way	直接驱动 / Direct drive
传输介质 / Transmission medium	平顶板链 / Flat top plate chain

* 当 $V \geq 16m/min$ 时，最大负载能力降低到40Kg
When $V \geq 16m/min$, the maximum load capacity decreases to 40Kg

Product characteristics
产品特征

- 1.模块化设计，模块化部件，维护方便。
Modular design, modular components, easy maintenance.
- 2.易于实现积放输送，配合倍速链输送线、齿形带输送线、顶升横移及升降机机构使用，实现柔性自动化循环输送。
Easy to achieve the accumulation of transport, with double speed chain transport line, toothed belt transport line, jacking transverse movement and lift mechanism to achieve flexible automatic circulation transport.
- 3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）
The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.

Application field
应用领域

汽车零部件、静电敏感的电子设备，医疗技术，光学产业，汽车电池生产，电动机组件等。
Automotive components, electronics, medical technology, optical industry, automotive battery production, motor components, etc.

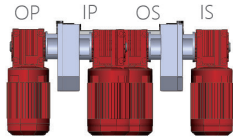
Order
订购

SCTU--M--V--Bwt--L--H--N--OP--F1--SR

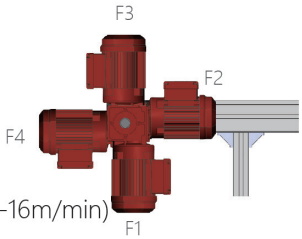
- M 满载负载 / Full load
V 运行速度 (10-18m / min, 推荐12-16m / min) / Operating speed (10-18m/min, recommended 12-16m/min)
Bwt 托盘宽度 / Width of the tray
F 最小转弯半径 (320mm-800mm) / Minimum turning radius (315mm-800mm)
H 输送面水平高度 / Horizontal height of conveying surfacethe line
N 支撑腿数量 (支腿间距1000-2000mm) / Number of supporting legs (Leg spacing 1000-2000mm)
OP 电机位置 (如图示4-1) / Motor position (as shown in Figure 4-1)
F1 电机方向 (如图示4-2) / Motor towards (as shown in Figure 4-2)
SR 特殊要求 / Special requirements

example
订货范例:

SCTU90--M60--V10--Bwt160--F420--H800--N2--OP--F1--E
SCTU90°托盘输送机--满载负载60kg--托盘运行速度10m/min--托盘宽度160mm--最小转弯半径420mm--输送面水平高度800mm--支撑腿数量2个--电机位置OP--电机方向F1。

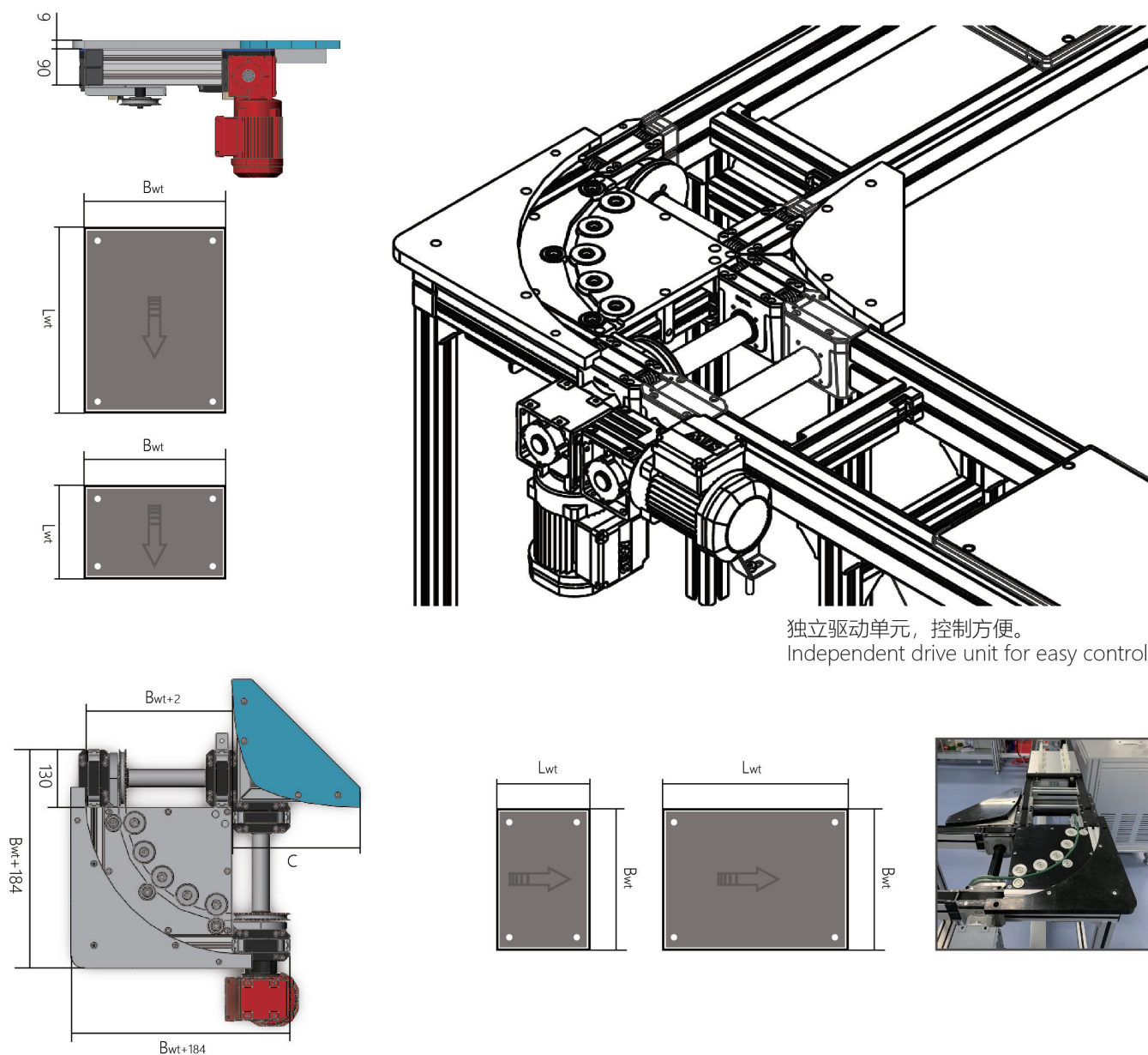


图示4-1



图示4-2

90°圆带转弯输送机 90° round belt turning conveyor



- 单个托盘的满载重量 $\leq 20\text{kg}$ 。
The full weight of a single pallet is no more than 20kg.
- 转弯机构每次只能通过单个托盘，禁止在此机构处堆积托盘。
The turning mechanism can only pass through a single tray at a time. It is forbidden to remove the stacking tray in this mechanism.
- 输送托盘的长宽比不可超过1.5倍。
The length to width ratio of the conveying pallet shall not exceed 1.5 times.

Specifications 规格配置

Bwt	Lwt	C (SC100)	C (SC300)
160	160	130	130
	240	260	300
240	160	130	130
	240	260	300
	320	260	300
320	240	260	300
	320	260	300
	400	300	300

* 单位 (mm)

Product characteristics 产品特征

- 1.模块化设计，模块化部件，维护方便。
Modular design, modular components, easy maintenance.
- 2.可实现在宽度320mm及以下标准尺寸托盘输送的90°转弯，不改变托盘的输送方向，若有更大宽度尺寸托盘的输送需要，建议使用SC30Kg转台。
It can realize 90° turning of pallet conveying in standard size of 320mm and below, without changing the direction of pallet conveying. It is recommended to use SC30Kg turntable if there is a need for pallet conveying with larger width and size.
- 3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）
The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.

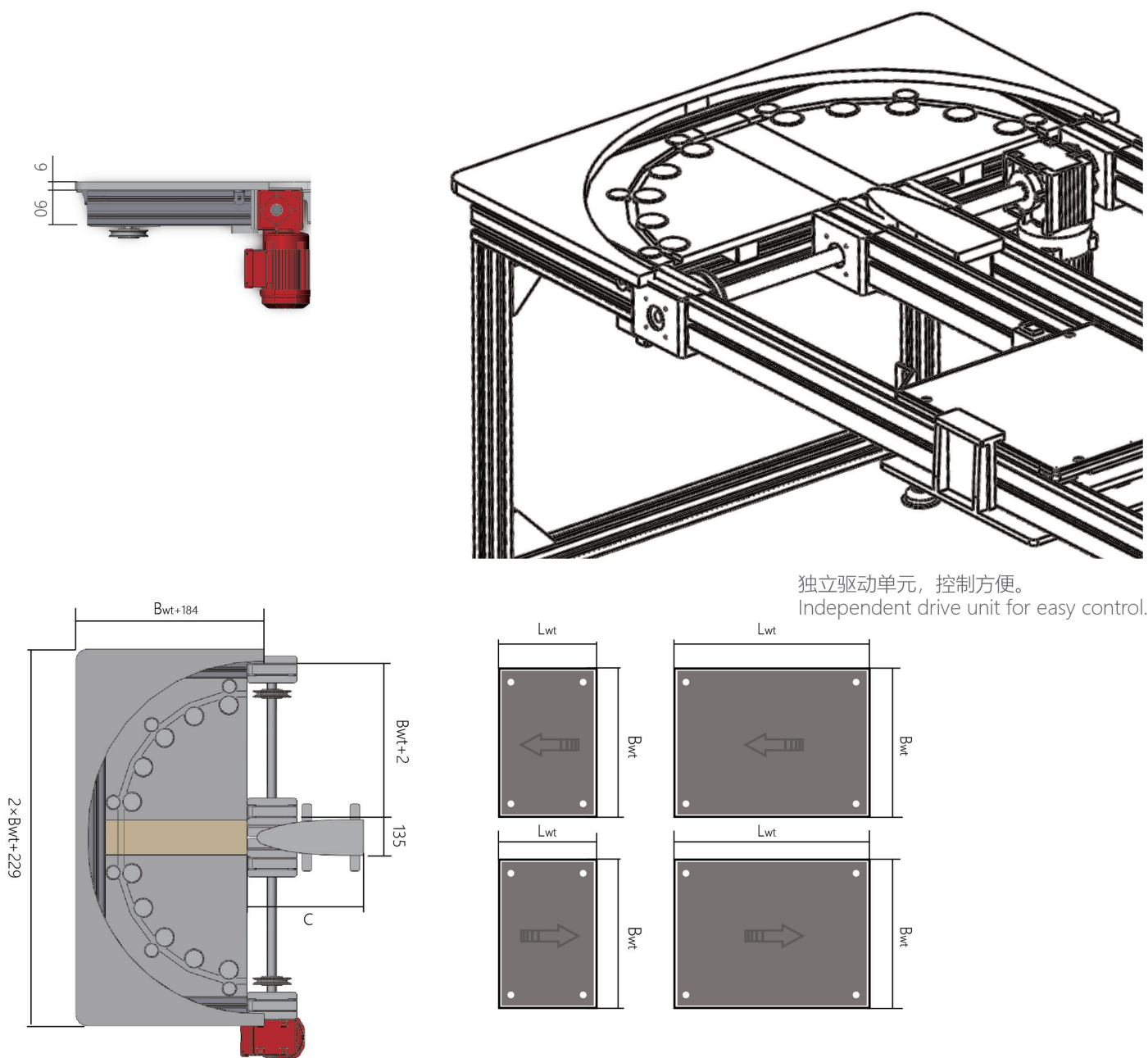
Order 订购

SCR90--CW--T--Bwt--Lwt--H--Vr--Vc--SR

- CW 旋转方向 (CW顺时针, AW逆时针) / Rotation direction (CW clockwise, AW counterclockwise)
T 入口及出口对接线体类型 (10=SC100,30=SC300) / Inlet and outlet connection type (10=SC100,30=SC300)
Bwt 对接主线体的托盘宽度 / The pallet width of the butt end of the main bodythe tray
Lwt 对接主线体的托盘长度 / The pallet length of the butt main body
H 输送面水平高度 / Horizontal height of conveying surfacethe line
Vr 圆带运行速度 / The speed of the circular belt
Vc 对接线体的运行速度 / Running speed of the wiring body
SR 特殊要求 / Special requirements

180°圆带转弯输送机

180° round belt turning conveyor



- 单个托盘的满载重量 $\leq 20\text{kg}$ 。
The full weight of a single pallet is no more than 20kg.
- 转弯机构每次只能通过单个托盘，禁止在此机构除堆积托盘。
The turning mechanism can only pass through a single tray at a time. It is forbidden to remove the stacking tray in this mechanism.
- 输送托盘的长宽比不可超过1.5倍。
The length to width ratio of the conveying pallet shall not exceed 1.5 times.

Specifications
规格配置

Bwt	Lwt	C (SC100)	C (SC300)
160	160	130	130
	240	260	300
240	160	130	130
	240	260	300
	320	260	300
320	240	260	300
	320	260	300
	400	300	300

* 单位 (mm)

Product characteristics
产品特征

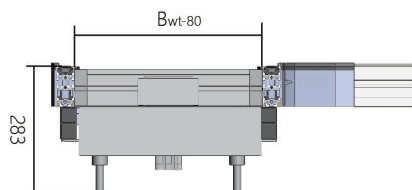
- 1.模块化设计，模块化部件，维护方便。
Modular design, modular components, easy maintenance.
- 2.可实现在宽度320mm及以下标准尺寸托盘输送的180°转弯，不改变托盘的输送方向，若有更大宽度尺寸托盘的输送需要，请来电咨询。
It can realize the 180° turning of the pallet conveying in the standard size of 320mm and below, without changing the conveying direction of the pallet. If there is a need for the pallet conveying with larger width and size, please call us for advice.
- 3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）
The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.

Order
订购

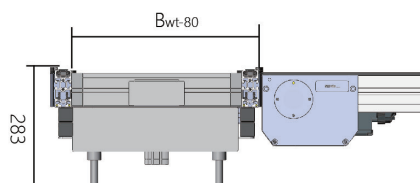
SCR180--CW--T--Bwt--Lwt--H--Vr--Vc--SR

- CW 旋转方向 (CW顺时针, AW逆时针) / Rotation direction (CW clockwise, AW counterclockwise)
T 入口及出口对接线体类型 (10=SC100,30=SC300) / Inlet and outlet connection type (10=SC100,30=SC300)
Bwt 对接主线体的托盘宽度 / The pallet width of the butt end of the main bodythe tray
Lwt 对接主线体的托盘长度 / The pallet length of the butt main body
H 输送面水平高度 / Horizontal height of conveying surfacethe line
Vr 圆带运行速度 / The speed of the circular belt
Vc 对接线体的运行速度 / Running speed of the wiring body
SR 特殊要求 / Special requirements

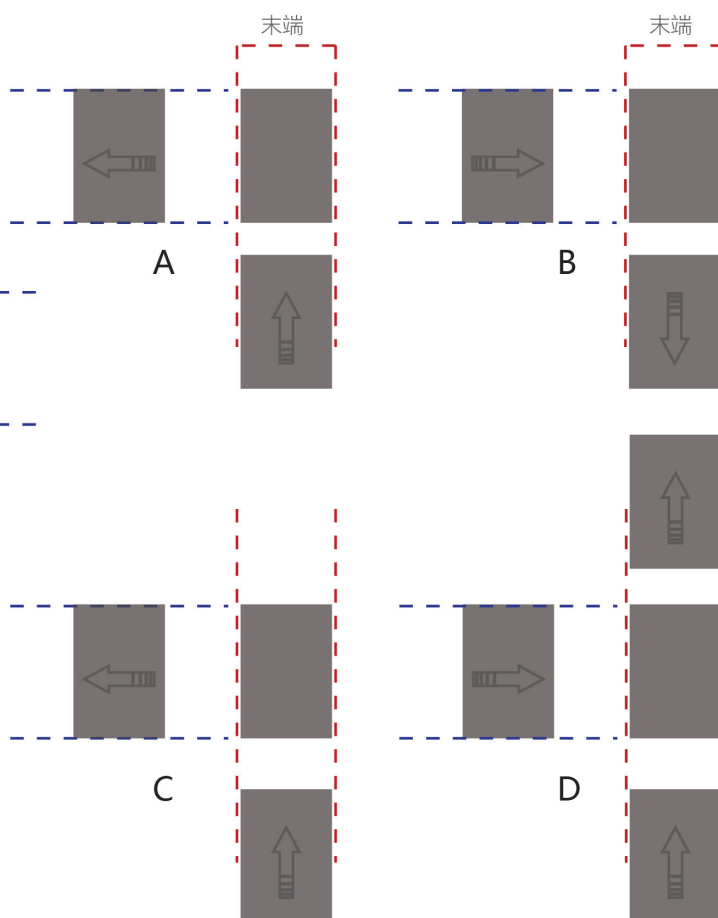
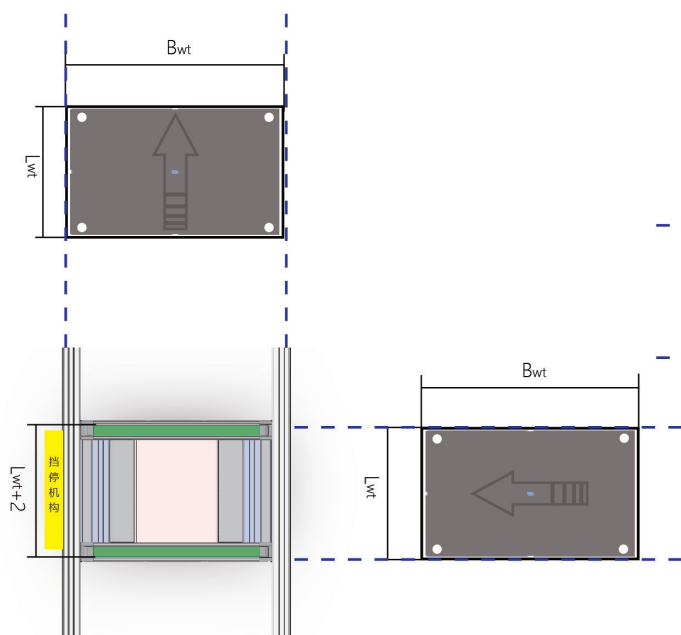
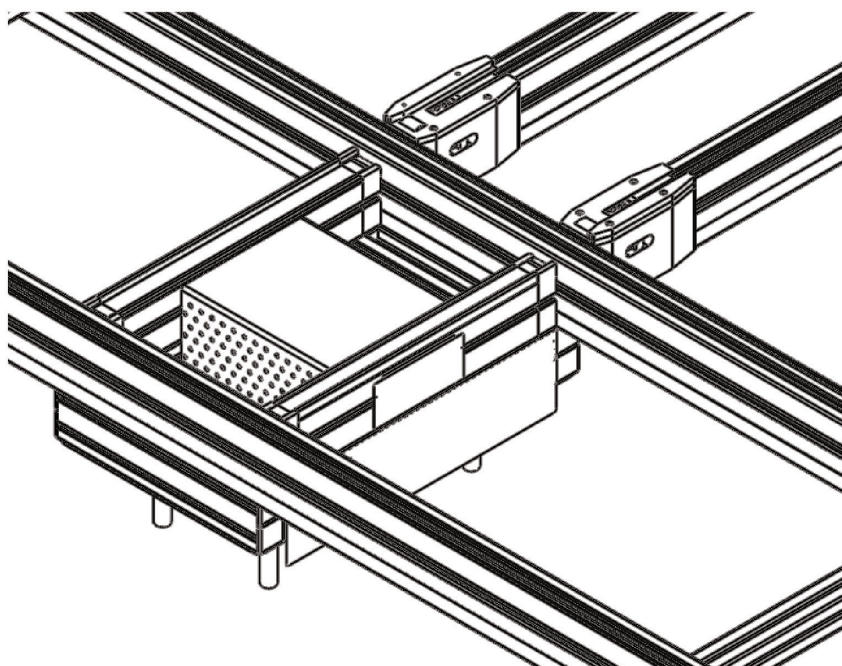
30Kg顶升横移 SCHY30 Jack-up transverse



- ▲ 输送线主体为SC100。
The main body of the conveying line is SC100.



- ▲ 输送线主体为SC300。
The main body of the conveying line is SC300.



- 30Kg顶升横移不包括挡停机构。
The 30Kg jacking cross movement does not include the block and stop mechanism.
- 单个托盘满载总重量 $\leq 30\text{Kg}$ 。
The full load total weight of a single tray $\leq 30\text{Kg}$.

--- 主线 / Main line
--- 支线 / Branch

- 当支线为SC100、SC300时，适用A、B、C、D四种形式顶升横移的托盘尺寸如下表：

When the spur line is SC100 or SC300, the pallet dimensions applicable to jacking horizontal movement in A, B, C and D are shown in the table below:

输送形式 / Delivery form	SC100	SC300
A	Bwt≥160	Bwt≥300
B	Bwt≥160	Bwt≥300
C	Bwt≥160	Bwt≥240
D	Bwt≥160	Bwt≥240

Applicable pallet size

适用托盘尺寸

迷你顶升横移 / Mini jacking cross move		标准顶升横移 / Mini jacking cross move	
Bwt	Lwt	Bwt	Lwt
160	160	320	320
	240		400
	320		480
240	240	400	320
	320		400
	400		480
	480	480	320
			400
			480

Product characteristics

产品特征

1.模块化设计，模块化部件，维护方便。

1. Modular design, modular components, easy maintenance.

2.顶升横移可实现将托盘从当前线体横移到垂直布置的另一条线体的输送，输送时改变托盘的方向。

2. Jacking horizontal movement can realize the transfer of the tray from the current line body to another line body vertically arranged, and the direction of the tray can be changed during the transfer.

3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）

3. The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.

4.传输介质为防静电齿形带。

4. Transmission medium is anti-static toothed belt.

Order

订购

SCHY30--T--Bwt--Lwt--V--SR

T 对接线体类型 (10=SC100,30=SC300) / For type of wiring body (10=SC100,30=SC300)

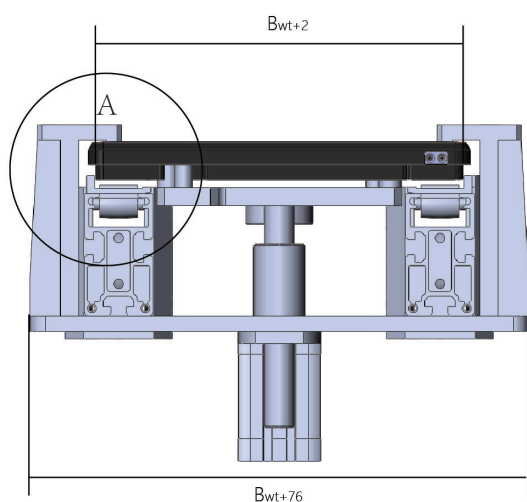
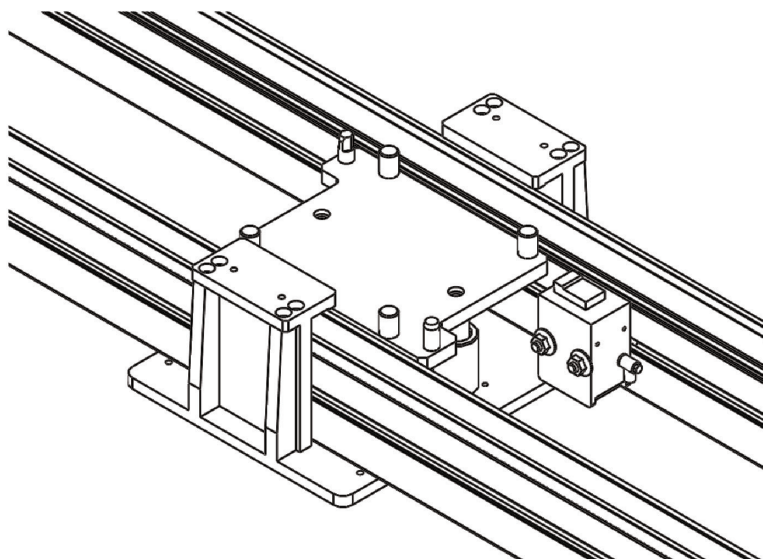
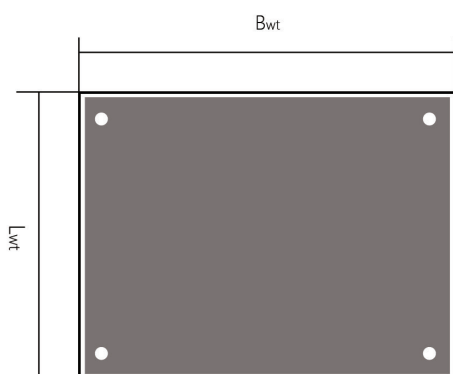
Bwt 对接主线体的托盘宽度 / The pallet width of the butt end of the main bodythe tray

Lwt 对接主线体的托盘长度 / The pallet length of the butt main body

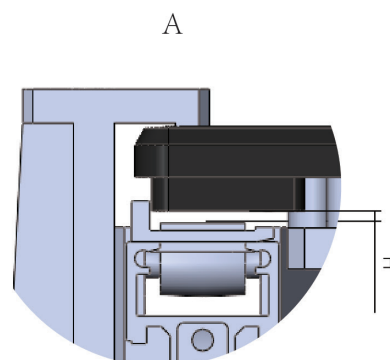
V 运行速度 / Running speed

SR 特殊要求 / Special requirements

30Kg顶升定位 SCDW30 Top of positioning



硬挡机构（可取消）



- 30Kg顶升定位不包括挡停机构。
The 30Kg jacking positioning does not include the block and stop mechanism.
- 单个托盘满载总重量 $\leq 30\text{Kg}$ 。
The full load total weight of a single tray $\leq 30\text{Kg}$.
- 建议配合SC托盘使用，其他厂家或客户自制托盘需要与森程相关人员协商认可，以达到线体及相关机构的最佳使用效果。
It is suggested to cooperate with SC tray, other manufacturers or customers to make their own trays need to negotiate with the relevant personnel in The forest process for approval, in order to achieve the best use effect of the line body and related institutions.

Applicable pallet size 适用托盘尺寸

Bwt	Lwt	Bwt	Lwt
160	160	320	400
	240		480
	320	400	240
240	160		320
	240		400
	320		480
	400	480	240
320	160		320
	240		400
	320		480

* 单位 (mm)

Product characteristics 产品特征

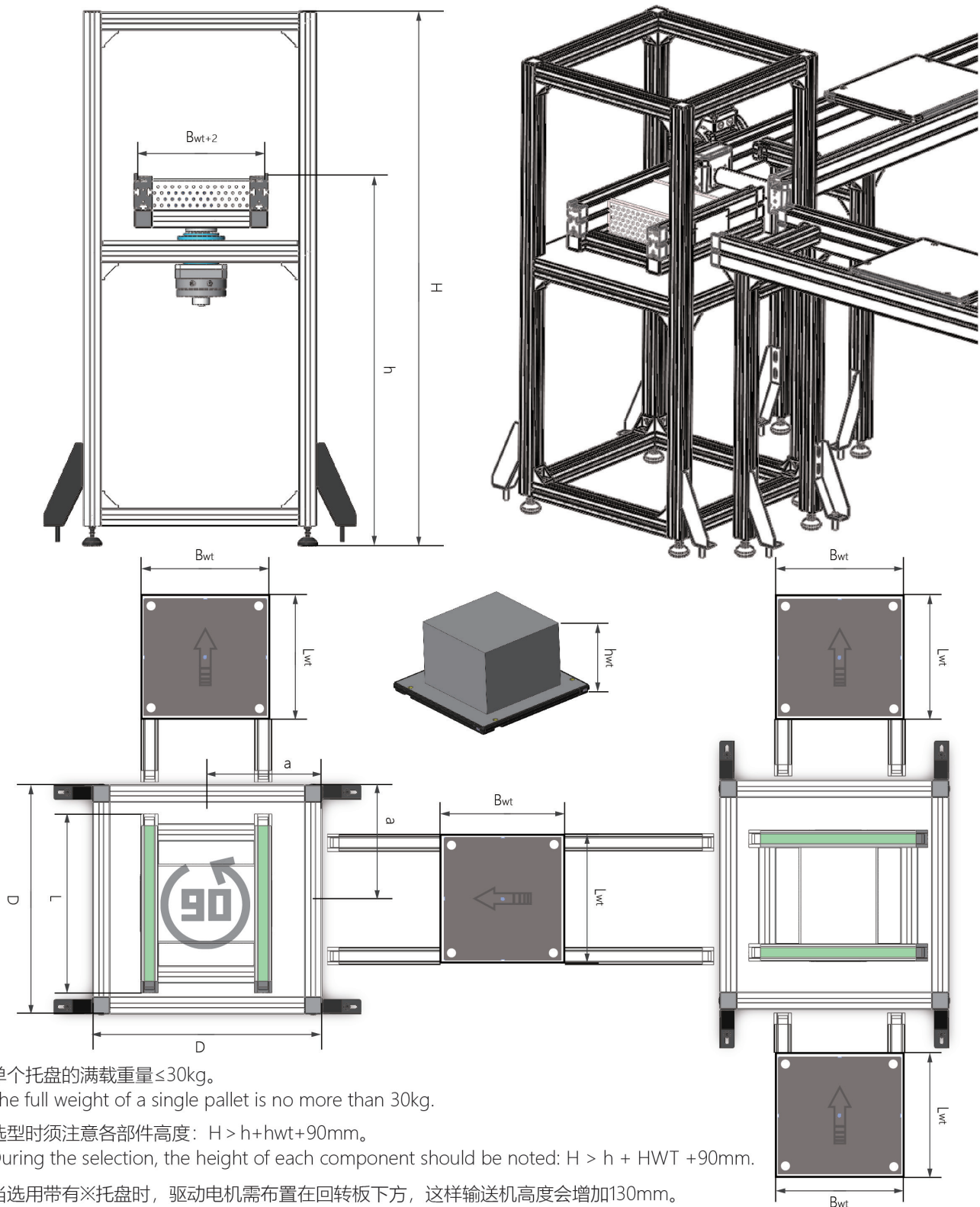
1. 模块化设计，模块化部件，维护方便。
1. Modular design, modular components, easy maintenance.
2. 定位精准 $\pm 0.1\text{mm}$ ，在加工工位上定位工件托盘。
2. Accurate positioning: $\pm 0.1\text{mm}$, positioning the workpiece tray at the processing station.
3. 通过定位销与托盘上的定位套定位。
3. Position through locating pin and locating sleeve on pallet.

Order 订购

SCDW30--T--Bwt--Lwt--H--SR

- T 对接线体类型 (10=SC100,30=SC300) / For type of wiring body (10=SC100,30=SC300)
- Bwt 对接主线体的托盘宽度 / The pallet width of the butt end of the main bodythe tray
- Lwt 对接主线体的托盘长度 / The pallet length of the butt main body
- H 托盘脱离输送面高度 / Height of tray from conveying surface
- SR 特殊要求 / Special requirements

转台 SCXZ turntable



- 单个托盘的满载重量 $\leq 30\text{kg}$ 。
The full weight of a single pallet is no more than 30kg.
- 选型时须注意各部件高度： $H > h + hwt + 90\text{mm}$ 。
During the selection, the height of each component should be noted: $H > h + HWT + 90\text{mm}$.
- 当选用带有※托盘时，驱动电机需布置在回转板下方，这样输送机高度会增加130mm。
When the tray with ※ is selected, the driving motor shall be arranged below the rotary plate, so that the height of the conveyor will be increased by 130mm.
- 为保证机构转动平稳，标配气控单向阀，当托盘长度 $\leq 320\text{mm}$ ，旋转 90° 用时 $\geq 2\text{S}$ ，当托盘长度 $> 320\text{mm}$ 且 $\leq 480\text{mm}$ 时，旋转 90° 用时 $\geq 3\text{S}$ ，若有特殊要求请来电咨询。
In order to ensure the smooth rotation of the mechanism, the standard valve is equipped with an air control one-way valve. When the length of the tray is $\leq 320\text{mm}$, the time of rotation is $\geq 2\text{S}$; when the length of the tray is $> 320\text{mm}$ and less than 480mm, the time of rotation is $\geq 3\text{S}$. If you have any special requirements, please call us.

Applicable pallet size 适用托盘尺寸

Bwt	Lwt	L	A	D
160	240	400	220	540 ※
	320	460	250	570 ※
240	240	400	230	550 ※
	320	460	260	570 ※
	400	540	295	675 ※
	480	620	335	690 ※
320	240	400	240	550
	320	460	270	600
	400	540	310	675
	480	620	280	750
400	240	480	280	645
	320	480	310	645
	400	540	350	700
	480	620	300	770
480	240	560	320	740
	320	560	320	740
	400	560	320	740
	480	620	350	795

* 单位 (mm)

Product characteristics 产品特征

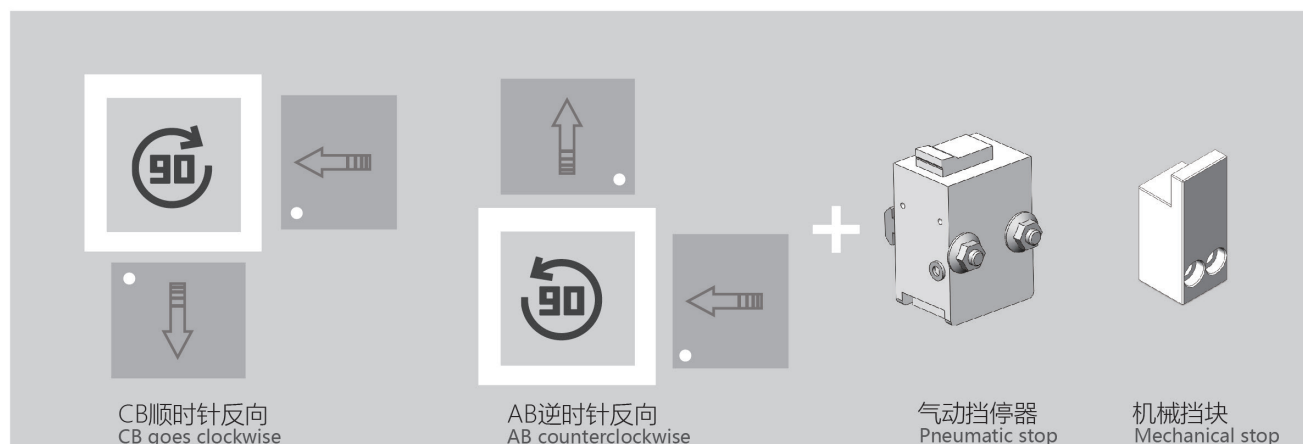
1. 模块化设计，模块化部件，维护方便。
1. Modular design, modular components, easy maintenance
2. 铝型材框架机构标准气缸转动，可实现托盘输送的90°转弯，不改变托盘的输送方向。
2. Standard cylinder rotation of aluminum profile frame mechanism can realize 90° turning of pallet conveying without changing the conveying direction of the pallet.
3. 边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）
3. The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.
4. 传输介质为防静电齿形带。
4. Transmission medium is anti-static toothed belt.

Order 订购

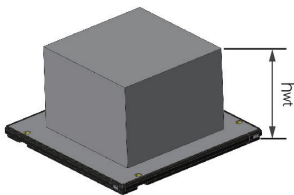
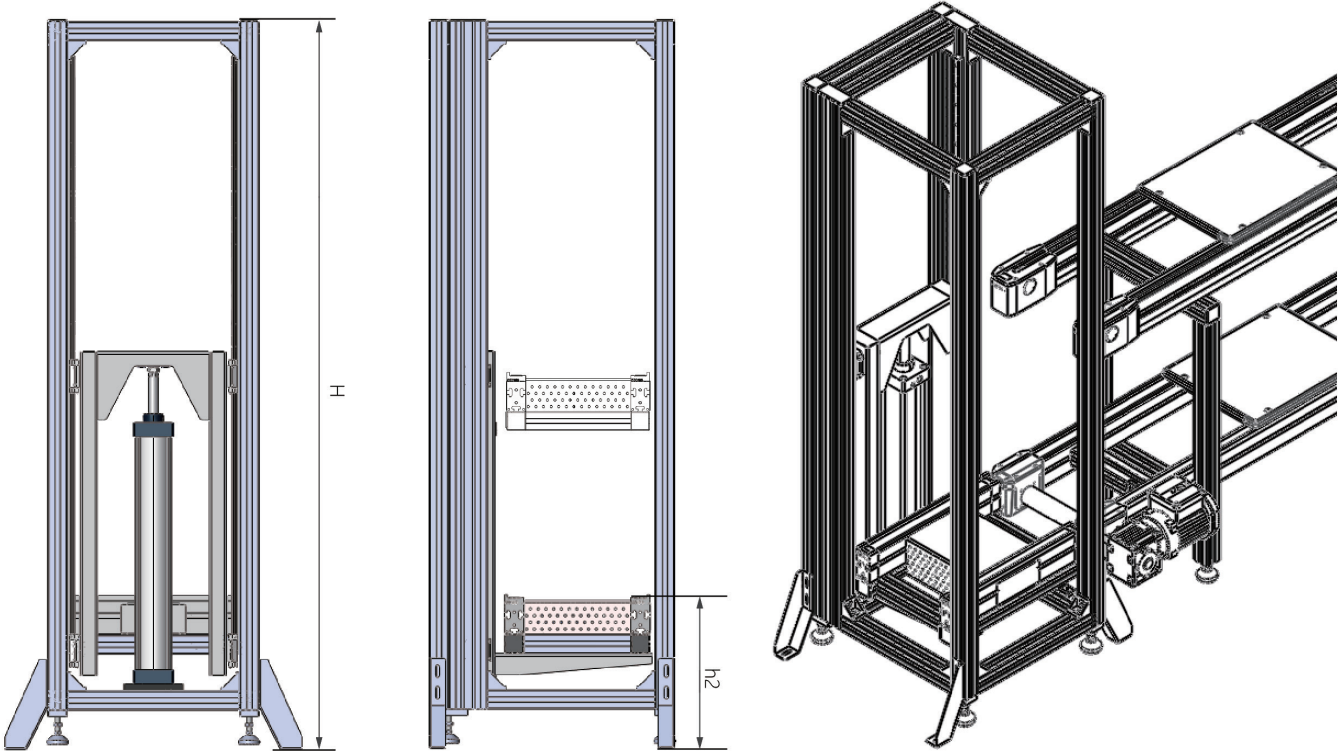
SCXZ--PN--Bwt--Lwt--h--hwt--V--CB--SR

PN	气动旋转 (只能实现0度/90°旋转) / Pneumatic rotation (Can only achieve 0° / 90° rotation)
Bwt	输送托盘宽度 / Conveyor pallet width
Lwt	输送托盘长度 / Conveyor pallet length
h	输送面水平高度 / Horizontal height of conveying surface the line
hwt	载体总高度 / Total height of carrier
V	托盘运行速度 / Pallet running speed
CB	输送形式 (CF顺时针正向, AF逆时针正向, CB顺时针反向, AB逆时针反向) / Transport mode (CF is clockwise, AF is anticlockwise, CB is clockwise, AB is anticlockwise)
SR	特殊要求 / Special requirements

Delivery form 输送形式



升降机
SCSJ SCE Elevator



Bwt	W1	Bwt	W2
160	530	160	420
240	530	240	420
320	590	320	420
400	670	400	500
480	750	480	580

* 单位 (mm)

适用所有SC托盘

- 单个托盘满载总重量 $\leq 30\text{Kg}$ 。
The full load total weight of a single tray $\leq 30\text{Kg}$.
- 选型时注意：当上层线体选用SC100时， $h_2-h_1 \geq h_{WT}+130$ ；当上层选用SC300时， $h_2-h_1 \geq h_{WT}+230$ 。
Note: When SC100 is selected for the upper line, $H_2-H_1 \geq h_{WT}+130$; When SC300 is selected for the upper layer, $H_2-H_1 \geq h_{WT}+230$.
- 为保证线体机构升降平稳，标配气控单向阀，若有特殊要求请提前电话通知。
In order to ensure the smooth lifting of the wire body mechanism, the standard valve is equipped with air control check valve. If there is any special requirement, please inform us by phone in advance.

Product characteristics
产品特征

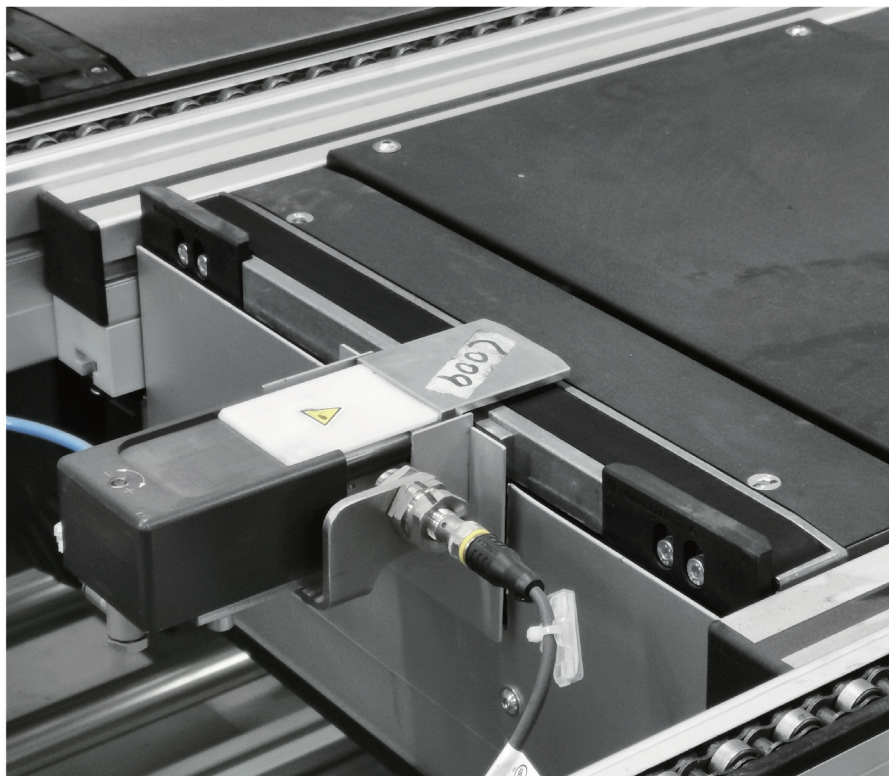
- 1.模块化设计，模块化部件，维护方便。
1. Modular design, modular components, easy maintenance.
- 2.铝型材框架机构标准气缸升降，可实现高低两层输送机之间垂直循环输送，改变托盘的输送方向。
2. Standard cylinder lifting of aluminum profile frame mechanism can realize vertical circulation transport between high and low conveyor and change the transport direction of the tray.
- 3.边框为有标准槽口高强度铝合金型材，方便将输送机安装在其他设备上，或在输送机上安装其他附件（传感器，支架等）。
3. The frame is made of high strength aluminum alloy with standard slot, which is convenient to install the conveyor on other equipment or other accessories (sensors, supports, etc.) on the conveyor.
- 4.传输介质为防静电齿形带。
4. Transmission medium is anti-static toothed belt.

Order
订购

SCSJ--PN--Bwt--Lwt--h1--h2--V--SR

- PN 气动升降 / Pneumatic lifting
- Bwt 输送托盘宽度 / Conveyor pallet width
- Lwt 输送托盘长度 / Conveyor pallet length
- h1 下层输送面水平高度 / Horizontal height of lower conveying surface
- h2 上层输送面水平高度 / Horizontal height of upper conveying surface
- V 托盘运行速度 / Pallet running speed
- SR 特殊要求 / Special requirements

标准输送控制装置 Standard delivery control unit



输送控制装置是托盘输送机的重要组成部分，用于在托盘输送系统中控制托盘的停止、通过及实现托盘输送过程中的自动化柔性控制。

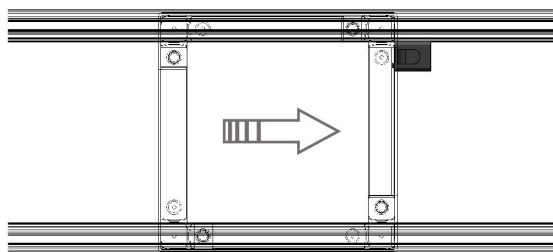
The conveying control device is an important part of the pallet conveyor, which is used to control the stopping and passing of the pallet in the pallet conveying system and realize the automatic flexible control in the process of pallet conveying.

标准输送控制装置 Standard delivery control unit

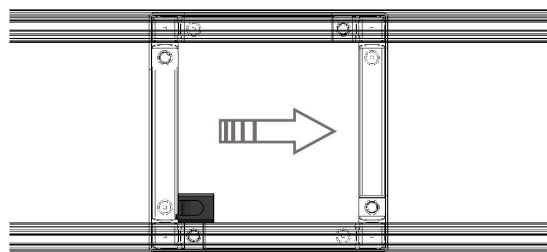
Installation position of tray stopper 托盘挡停器安装位置

在使用SC标准托盘时，挡停器可以安装在托盘输送方向的左前侧、右后侧完成挡停。

When SC standard tray is used, the stopper can be installed on the left front side and right rear side of the tray conveying direction to complete the stop.

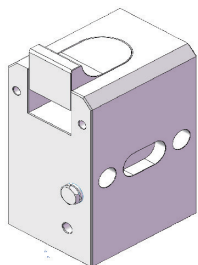


左前侧挡停位

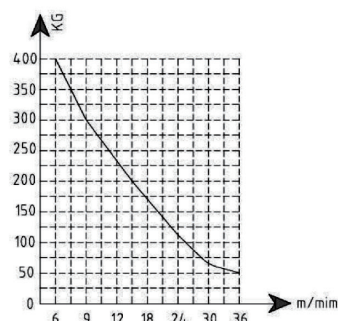


右后侧挡停位

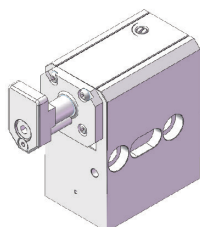
Conveying control module 输送控制模块



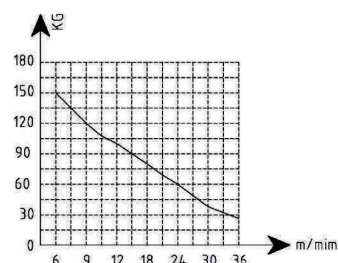
SCDT400气动挡停器



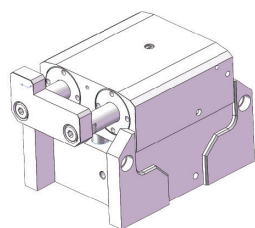
- 1、外壳：铝，阳极发黑氧化；阻挡块：硬质不锈钢。
Case: aluminum, anodized black oxidized;
Block: hard stainless steel.
- 2、无缓冲
There is no buffer.
- 3、单件托盘最大负载180Kg，最大静堆积负载400Kg。
The maximum load of single pallet is 180Kg, and the maximum load of static accumulation is 400Kg.



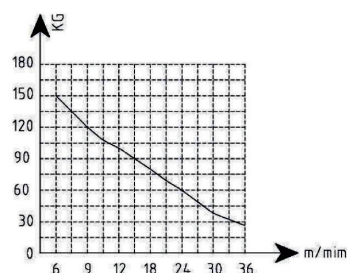
SCDH60气动缓冲挡停器



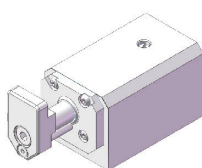
- 1、外壳：铝，阳极发黑氧化；阻挡块：硬质不锈钢。
Case: aluminum, anodized black oxidized;
Block: hard stainless steel.
- 2、缓冲行程20mm。
Buffer stroke 20mm.
- 3、单件托盘最大负载40Kg，不可堆积托盘。
The maximum load of a single pallet is 40Kg, and the pallet cannot be piled up.



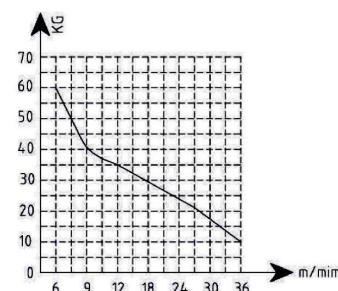
SCDH150气动缓冲挡停器



- 1、外壳：铝，阳极发黑氧化；阻挡块：硬质不锈钢。
Case: aluminum, anodized black oxidized;
Block: hard stainless steel.
- 2、缓冲行程20mm。
Buffer stroke 20mm.
- 3、单件托盘最大负载160Kg，不可堆积托盘。
The maximum load of a single pallet is 160Kg, and the pallet cannot be piled up.

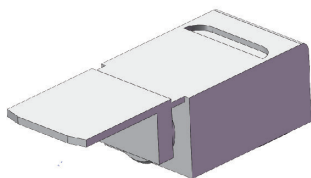


SCDH60-2气动缓冲挡停器



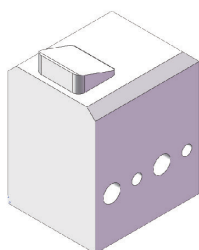
- 1、外壳：铝，阳极发黑氧化；阻挡块：硬质不锈钢。
Case: aluminum, anodized black oxidized;
Block: hard stainless steel.
- 2、缓冲行程20mm。
Buffer stroke 20mm.
- 3、单件托盘最大负载40Kg，不可堆积托盘。
The maximum load of a single pallet is 40Kg, and the pallet cannot be piled up.

Conveying control module
输送控制模块



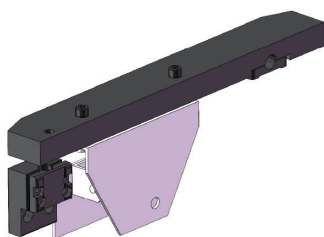
- 1、外壳：铝，阳极发黑氧化；阻挡块：硬质不锈钢。
Case: aluminum, anodized black oxidized;
Block: hard stainless steel.
- 2、安装于线体对接处的顶升横移上，用于缓冲并挡停需要横移出主线的托盘。
It is installed on the jacking horizontal shift at the connection of the line body to cushion and stop the tray that needs to be moved out of the main line.

SCZN60气动阻尼器



- 1、外壳：铝，阳极发黑氧化；阻挡块：硬质不锈钢。
Case: aluminum, anodized black oxidized;
Block: hard stainless steel.
- 2、配合挡停器使用，防止托盘回弹。
Cooperate with stopper to prevent tray rebound.

SCZH400止回器



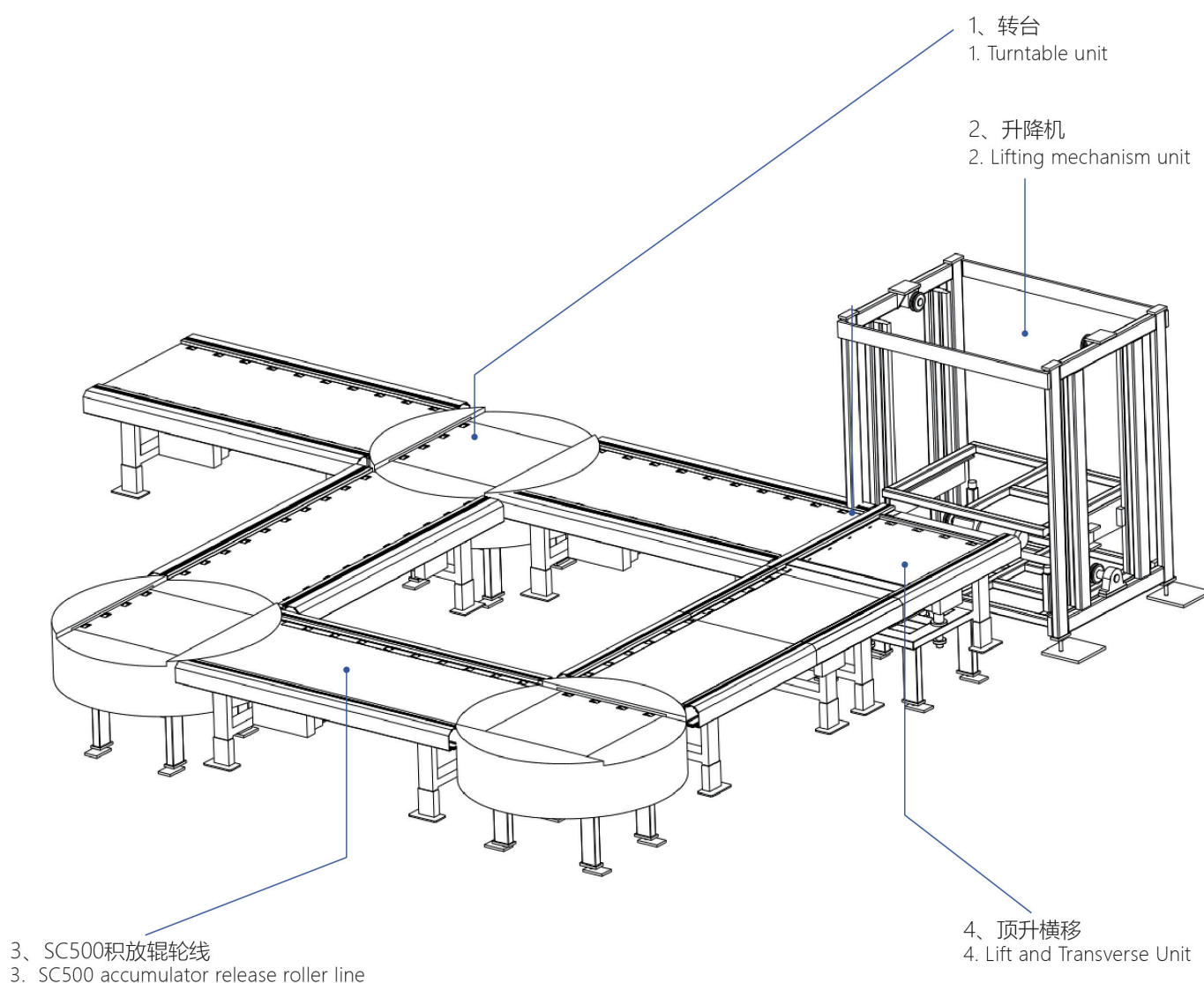
- 1、安装在输送线外侧或输送线体尾端，起阻挡作用。
Case: aluminum, anodized black oxidized;
Block: hard stainless steel.
- 2、可配合SC100、SC300、SC325托盘输送机使用。
It can be used with SC100, SC300 and SC325 tray conveyors.

SCYG240机械摇杆

积放辊轮输送系统 Accumulator roller conveyor system

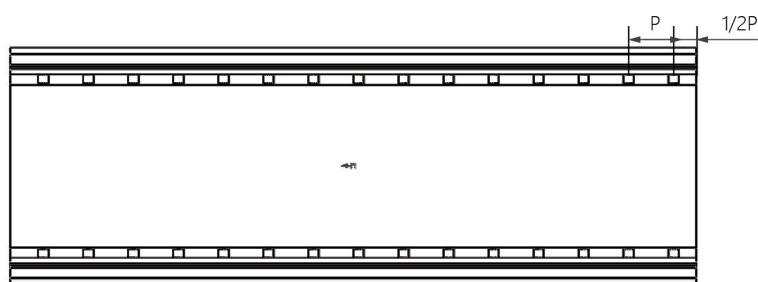
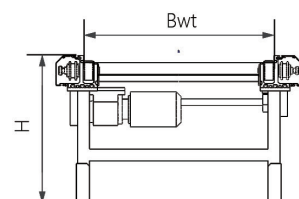
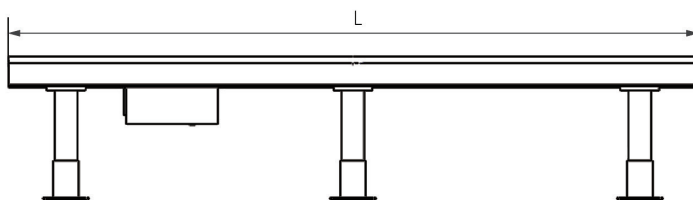
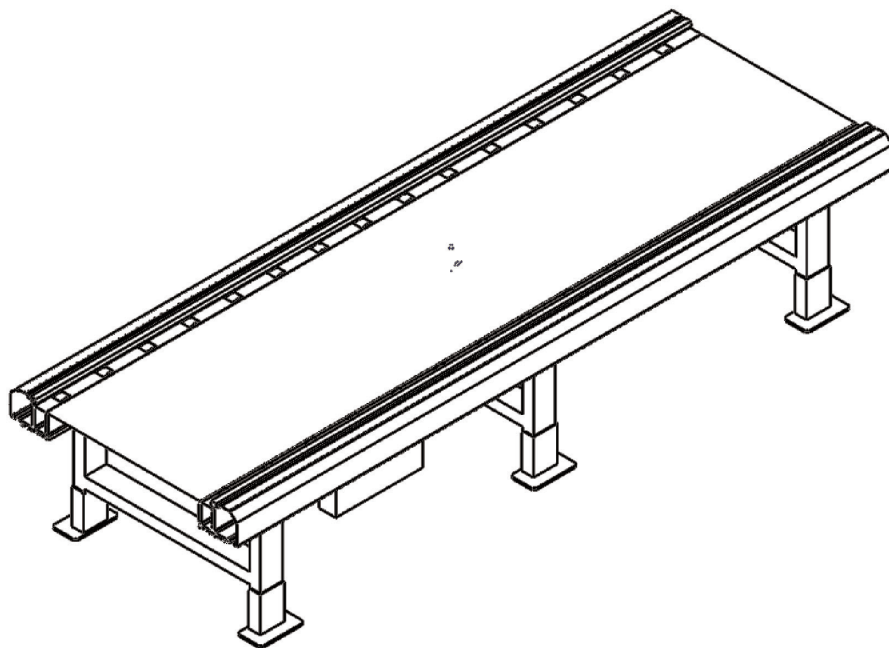
森程托盘输送系统(SC)是采用模块化设计保证装配线体的灵活性以及扩展和改造的便捷性，减少设计和装配时间。在每个系列中，使用标准线体和高度模块化配套机构，可以应对多种续航和进行边界的组合使用，以满足各种自动化生产需求。森程提供专业安装团队现场安装服务，常备库存，快速响应，满足客户短交期需求。

The Sen Cheng pallet Conveying system (SC) is modular in design to ensure flexibility of the assembly line as well as ease of expansion and modification, reducing design and assembly time. In each series, the standard line body and highly modular supporting mechanism can be used for a variety of range and boundary combinations to meet a variety of automated production requirements. Sencheng provides professional installation team on-site installation services, standing stock, quick response, to meet the short delivery requirements of customers.



积放辊轮输送线

SC500 accumulator roller conveyor line



- 线体最大长度由辊轮间距和辊轮同时工作数量来决定，如有特殊要求，请来电咨询。
The maximum length of the wire body is determined by the distance between rollers and the number of rollers working at the same time. If you have any special requirements, please contact us.
- 线体每米负载 $\leq 800\text{Kg}$ 。
Load per meter of line body $\leq 800\text{Kg}$

Product characteristics

产品特征

线体长度 / The length of the line	1000≤L≤6000 (mm)
托盘宽度 / Pallet width	300≤Bwt≤1200 (mm)
线体高度 / Conveyor height	高度可指定 / Highly customizable
最大负载能力 / Maximum load capacity	2500Kg
最大满载运行速度 / Maximum full load running speed	V . Max=3-15m/min
驱动方式 / Drive way	链条/伞齿驱动 / Chain/Bevel Gear drive
传输介质 / Transmission medium	特制辊轮 / A special Drum roller

Product characteristics

产品特征

1.模块化设计，模块化部件，维护方便。

1. Modular design, modular components, easy maintenance.

2.适合重载托盘输送，托盘可实现柔性控制。

2.It is suitable for heavy load pallet conveying, pallet can realize flexible control.

3.可配合转台、顶升横移机构使用，实现托盘自动化循环控制。

3. It can be used with turntable and jacking horizontal movement mechanism to realize automatic cycle control of pallets.

Industries served

应用

重载自动装配检测生产线（汽车发动机、变速箱、PACK、电机定子等）

Heavy-duty automatic assembly and testing production line (automobile engine, transmission box, PACK, motor stator, etc.)

Order

订购

SC500--M--V--Bwt--L--H--P--SR

M 满载负载 / Full load

V 托盘运行速度（3-15m/min） / Pallet running speed（3-15m/min）

Bwt 输送托盘宽度/ Conveyor pallet width

L 线体长度 / The length of the line

H 支撑腿数量（支撑腿间距1000mm-2000mm之间） / Number of supporting legs (spacing between 1000mm-2000mm)

P 辊轮间距（160mm/200mm/250） / The roller spacing（160mm/200mm/250）

SR 特殊要求 / Special requirements

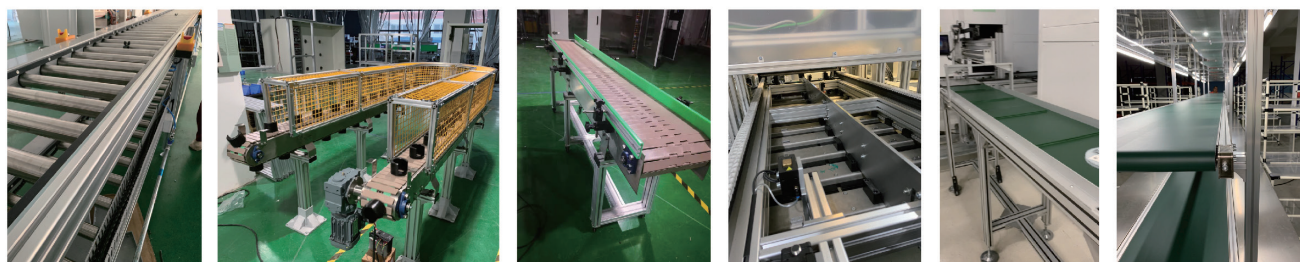
基础输送系统 Basic conveying system



基础输送系统 Basic conveying system

基础输送系统是各种各样的输送介质根据不同的应用需求来输送不同商品，种类形式多样，满足多种场合的自动化生产需求。

Basic conveying system is a variety of conveying media according to different application needs to transport different commodities, the variety of forms, to meet the needs of a variety of occasions of automatic production.





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