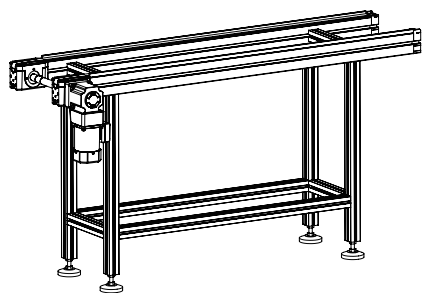


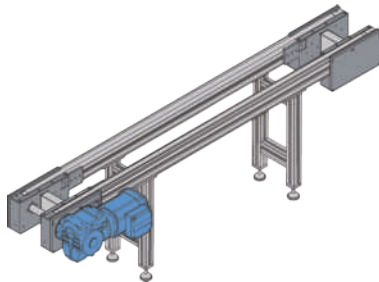


输送系统分类

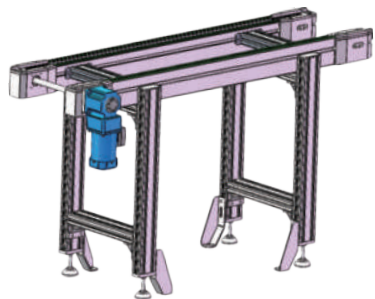
CONVEY SYSTEM OVERVIEW



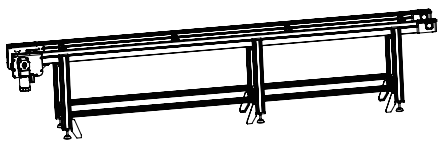
BF1齿形带输送系统



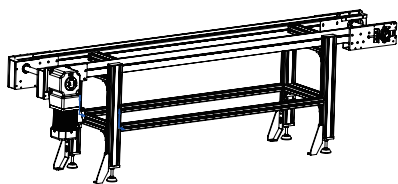
BF1P片基带输送系统



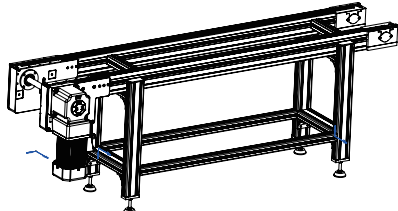
BF2Q单倍速轻载输送系统



BF2B单倍速标准输送系统



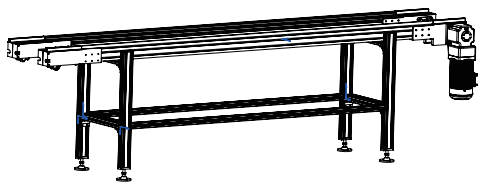
BF25Q 2.5倍速轻载输送系统



BF2.5Z 2.5倍速重载输送系统



BF3Q 3倍速轻载输送系统



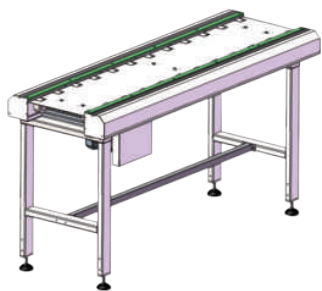
BF3Z 3倍速重载输送系统



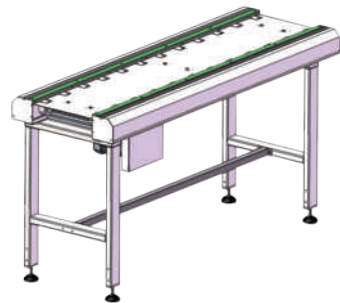
BF4 重载托盘输送系统



BF5 辊道托盘输送系统



BF5-A 双支撑辊道托盘输送系统



BF5-B 伞齿轮辊道托盘输送系统

托盘输送系统

PALLET CONVEYOR SYSTEM

托盘输送系统是根据单个托盘最大满载重量不同分类,分别为 BF1/BF2/BF2.5/BF3/BF4/BF5。
在每个系列中,使用标准线体和高度模块化的配套机构,可以应对多种场合进行便捷的组合使用,以满足各种自动化生产的需求。

Pallet conveying systems are classified according to the maximum full load weight of a single pallet, which are BF1/BF2/BF2.5/BF3/BF4/BF5.
In each series, standard bodies and highly modular supporting mechanisms are used, which can be conveniently combined in a variety of situations to meet various automated production needs.



经济
Economy



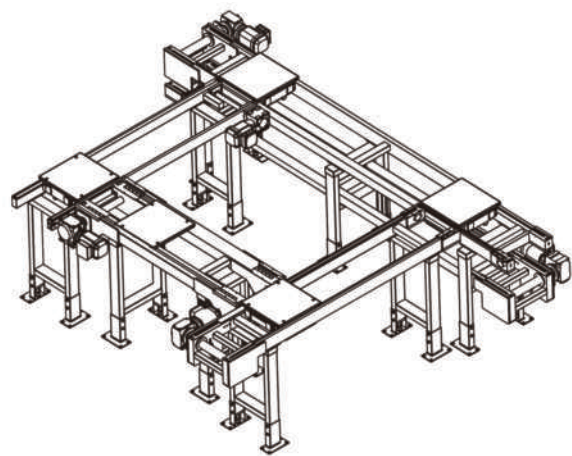
高效
High-efficiency



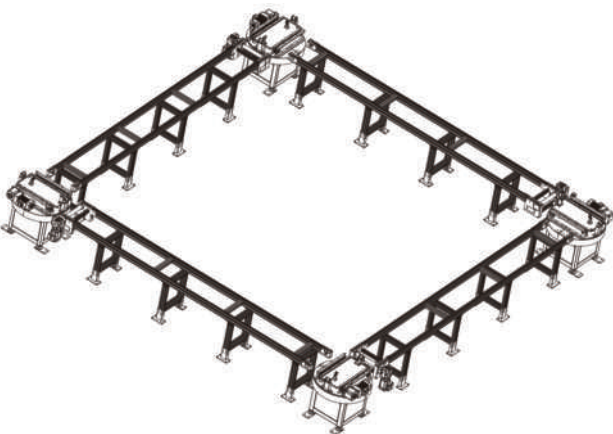
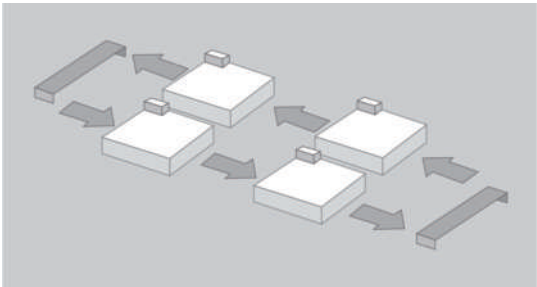
省心
Save worries

基础排布形式

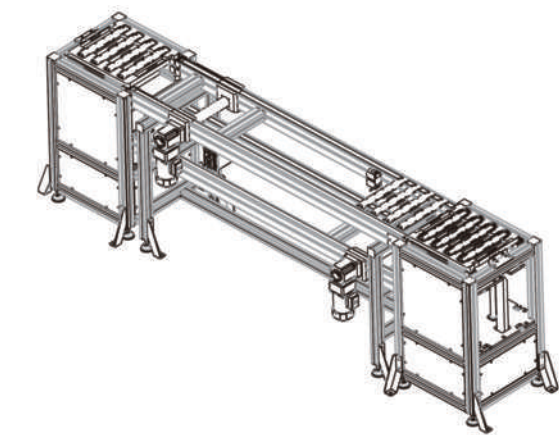
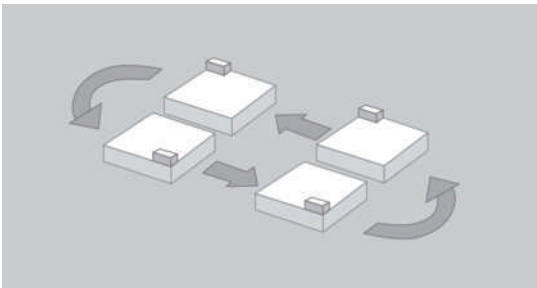
BASIC LAYOUT PLANNING



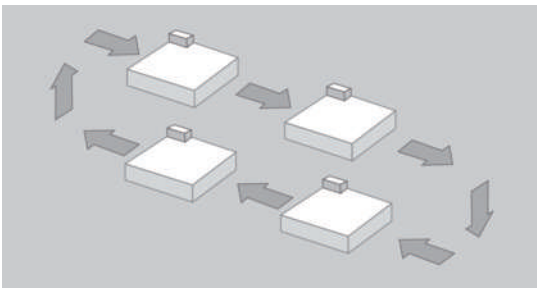
水平循环排布A
Horizontal Circuit A



水平循环排布B
Horizontal Circuit B

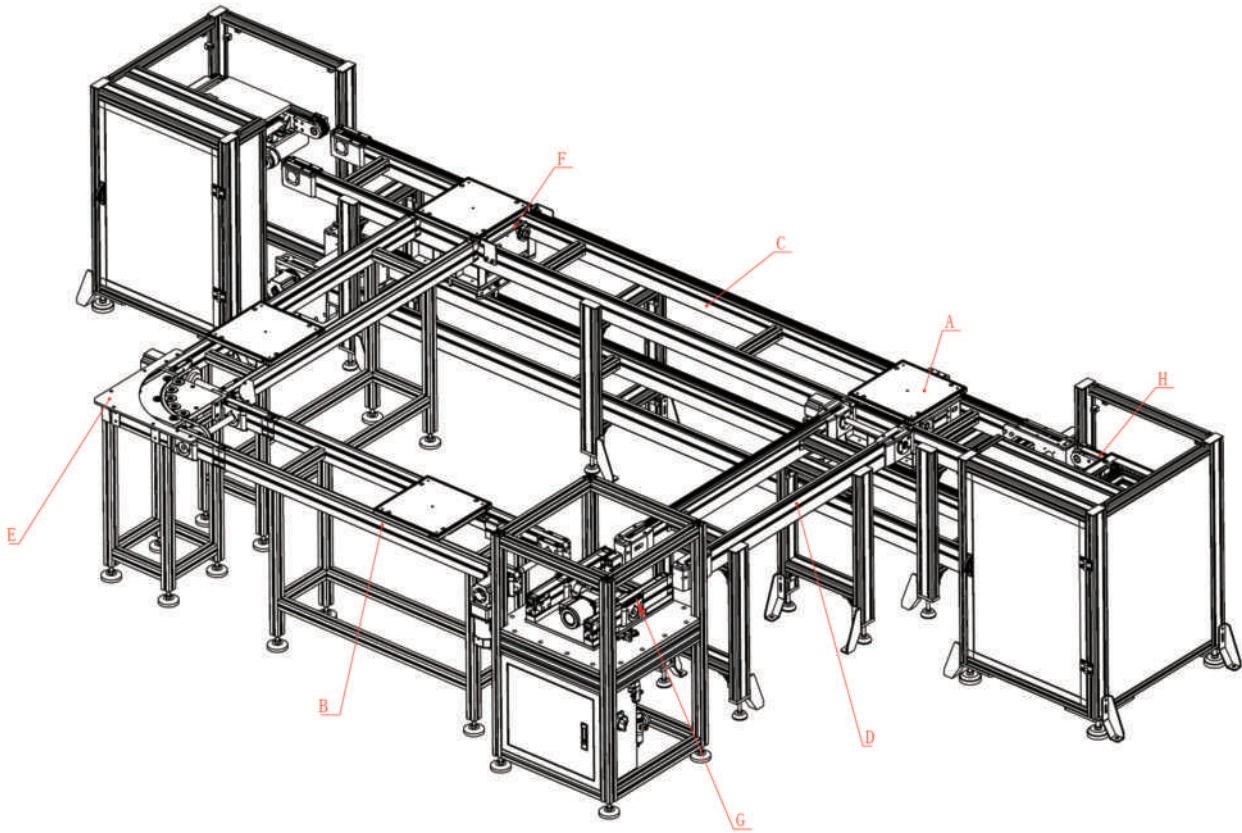


垂直循环排布
Vertical Circuit



BF1/ BF2B/ BF2Q托盘输送机

BF1 / BF2B / BF2Q PALLET CONVEYOR



A	托盘	Pallet
B	BF1托盘输送机	BF1 Pallet Conveyor
C	BF2B 托盘输送机	BF2B Pallet Conveyor
D	BF2Q托盘输送机	BF2Q Pallet Conveyor
E	90° 圆带转弯	90° Round Belt Conveyor
F	顶升横移	Lift and Transverse Unit
G	转台	Rotate Unit
H	升降机	Lift Unit

- BF2Q 托盘输送系列适用于整线满载总重量在 300kg 以内的输送场合。
- BF2B 托盘输送系列适用于整线满载总重量在 600kg 以内的输送场合。
- BF1 托盘输送系列适用于整线满载总重量在 60kg 以内的输送场合。
- 配合各种高度模块化的配套机构可以实现多种条件下自动化输送的需求。
- Permissible load capacity of BF2Q pallet conveyor is within 300kg.
- Permissible load capacity of BF2B pallet conveyor is within 600kg.
- Permissible load capacity of BF1 pallet conveyor is within 60kg.
- In conjunction with other modules to suit for particular assembly task.

托盘

PALLET

托盘工作原理

托盘的作用是在输送系统中作为输送工件的工具将工件输送至各加工工位。
托盘到达工位时,被挡停器挡停,而输送介质可以继续运行。

The pallet is as the transferring tool to convey the work-piece to each work station. The pallet will be stopped

应用：带有钢制或铝制承载托板的塑料边框托盘和带有钢制或铝制承载托板的铝型材边框托盘；均适用于小型、中型负载物。
Application. Plastic frame pallet and aluminum profile frame pallet, with steel or aluminum support plate, are both applicable for small load and medium load.

托盘可以利用不同模块为各种工件进行个性化的配置。为此,可选择不同的框架模块和承载托板。

For pallet, the modules can be assembled together to meet different requirements . Different frame modules and support plates can be chosen.

托盘可实现尺寸的连续性,满足客户不同的尺寸及特征上的要求。

For pallet the full dimension range meets customers requirements on dimensions and configurations.

输送介质

输送介质单位承载能力 f 可以使用以下参数估算：

Unit loading capacity(f) of conveyor medium can be estimated with the following parameters:

齿形带输送介质单位承载能力：带 PE 摩擦条的托盘,允许表面负载最多达 0.6kg/cm;

Unit loading capacity of toothed belt pallet with PE friction stip , allowable load on the surface up to 0.6kg/cm.

片基带输送介质单位承载能力：带 PE 摩擦条的托盘,允许表面负载最多达 1kg/cm;

Unit loading capacity of base belt pallet with PE friction strip , allowable load on the surface up to 1kg/cm.

堆积滚子链输送介质单位承载能力：带 PE 摩擦条的托盘,允许表面负载最多达 3kg/cm;

Unit loading capacity of accumulation roller chain: pallet with PE friction strip, allowable load on the surface up to 3kg/cm.

托盘运用环境和案例

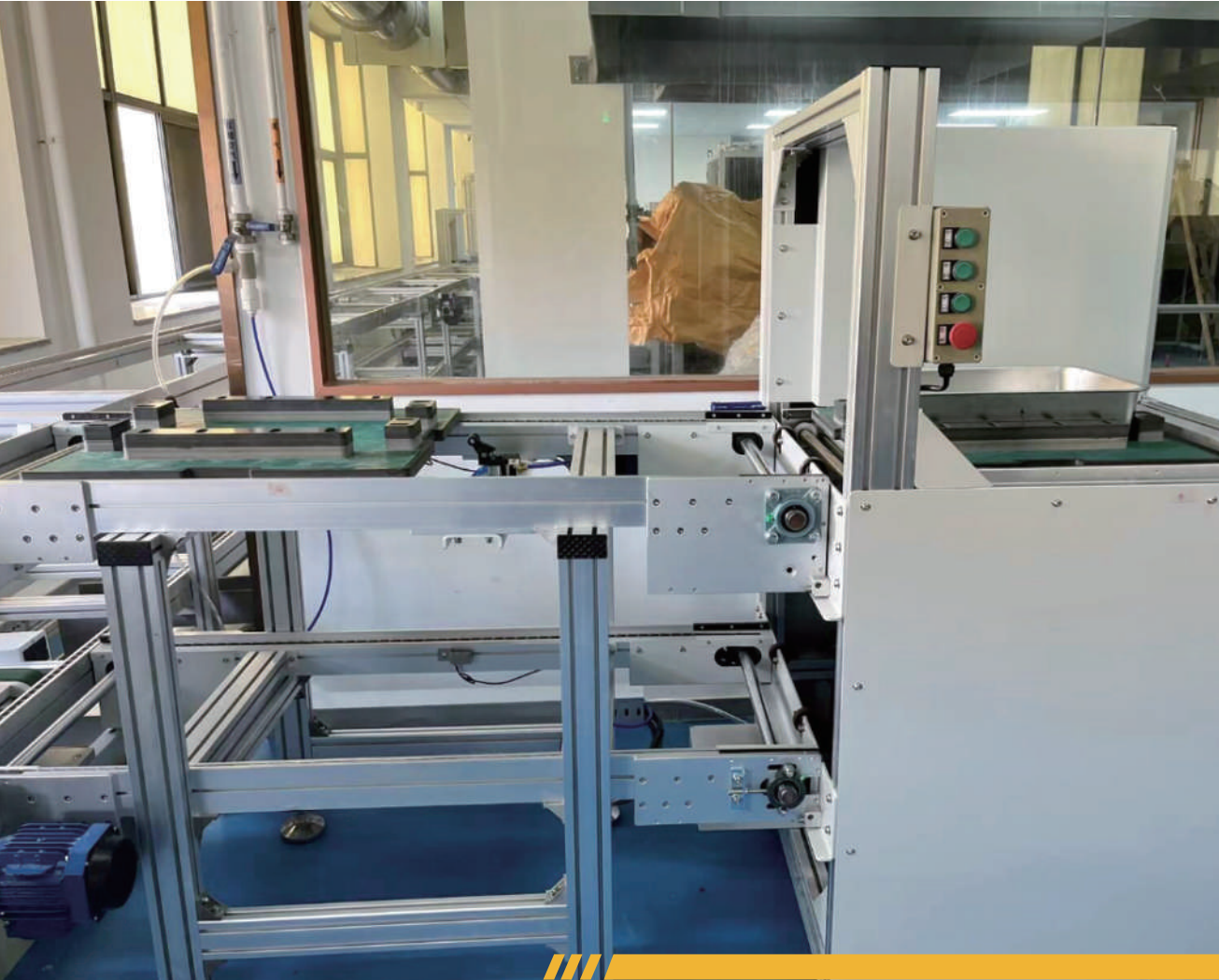
均采用高品质材料，以确保连续使用工况。能够抵御工业环境中常见的润滑剂和清洗剂腐蚀。但是，不保证可耐各种测试液、气体及溶剂制品的腐蚀。所以客户在选择托盘产品时首先告知现场工况情况，以免造成不必要的损失如果您有任何疑问，请来电咨询！

The high quality material l is chosen to ensure the continuous working condition The pallet is protected from. Corrosion of the common lubricants or cleaners in industrial area, but not corrosion of testing liquid, gas or solvent.

The customer need to inform the working condition on site before pallet selection to avoid unnecessary loss. Please contact us for any questions.

适用于对静电敏感的区域。
Applicable for area sensitive to static.

可防静电,适用于对静电敏感的区域。
ESD,applicable for area sensitive to static.



选择托盘

PALLET SELECTION

托盘的总质量 Estimation of pallet gross mass

允许的托盘总质量 MG 视以下条件而定：
Allowable pallet gross mass Mg is subject to the following aspects

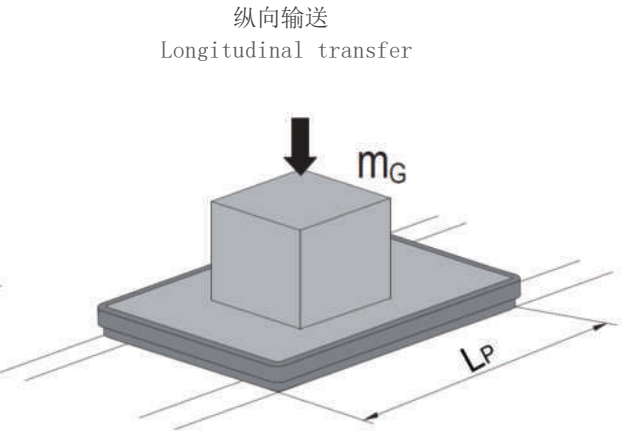
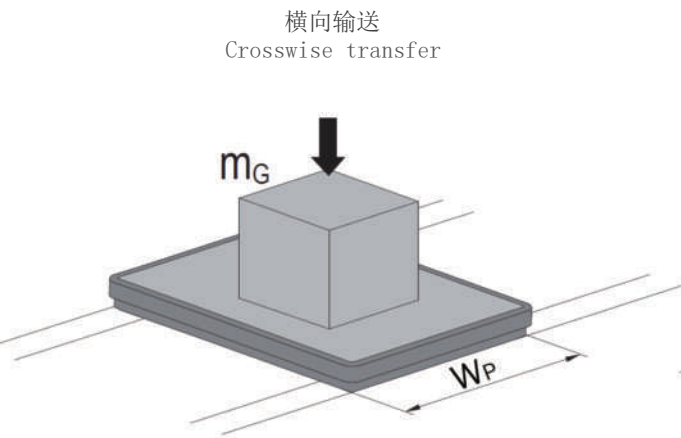
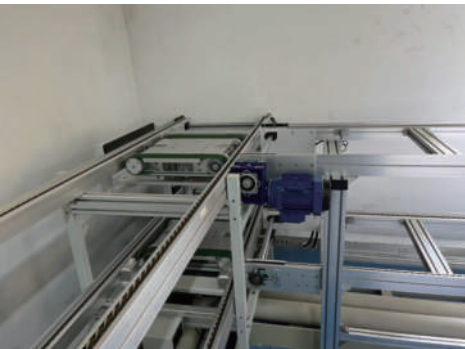
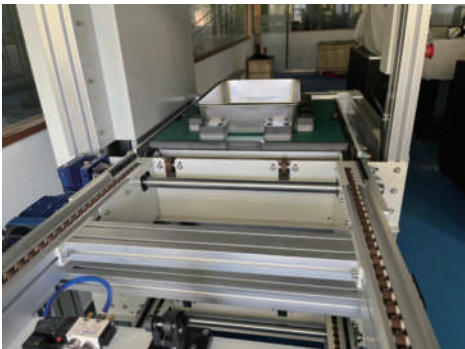
输送介质：皮带、齿形带、堆积滚子链；
Conveying medium: belt, toothed belt, accumulation roller chain
托盘与输送介质的表面接触长度 Lp 或 Wp。
Contact length Lp or Wp between pallet and conveying medium

允许的托盘和工件总质量估算：
Estimation of allowable pallet and work-piece gross mass

- MG: 托盘质量+ 工件质量,单位：kg
Mg: weight of pallet+weight of work-piece, unit: kg
- Lp: 托盘长边尺寸,单位：cm
Lp: long side of the pallet, unit: cm
- Wp: 托盘短边尺寸,单位：cm
Wp: short side of the pallet, unit: cm
- f: 输送介质单位承载能力,单位：kg/cm
f: Unit loading capacity of the conveying medium, unit: kg/cm

MG = LP X f

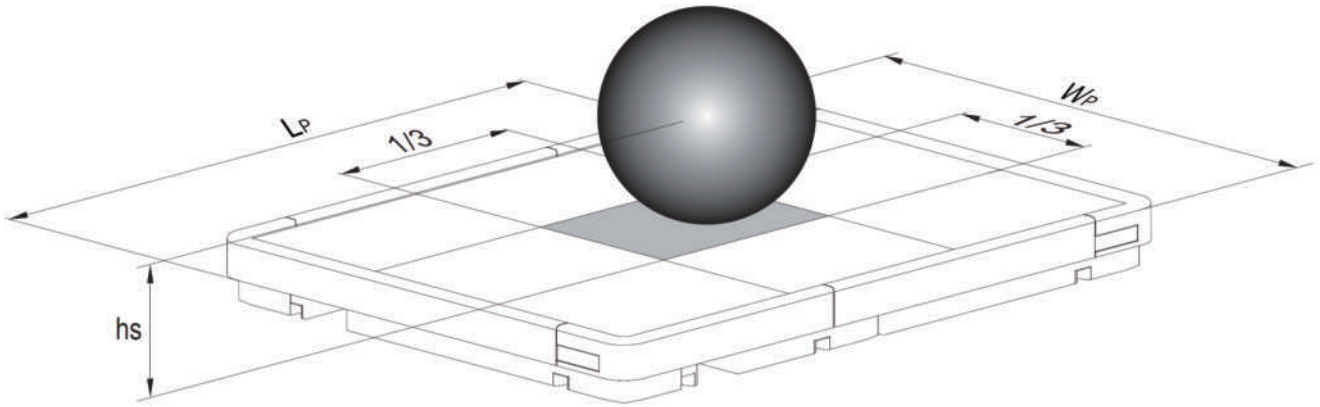
MG = WP X f



注意：
Note

在同一输送系统中，对于输送非正方形托盘的输送线，同时有纵向和横向输送(托盘纵向输送与横向输送的表面接触长度不同)。托盘的短侧决定了最大允许的总重量，MG=Wp x f。

If the pallet is not in square but in rectangle, and transportation includes crosswise transport and lengthwise transport(different contact length)the max MG according to the short side of pal-



托盘允许的重心位置 Allowable center of gravity for the pallet

阻挡托盘或者改变输送方向时，托盘上负载的重心位置对于托盘的稳定性有决定性作用。负载物重心过高或偏移时影响设备及托盘的使用寿命。

The gravity center of the load on the pallet is crucial for the stability of the pallet when the pallet is stopped or direction changed. The service life of the equipment and pallet will be affected due to high gravity center or offset gravity center. It is suggested.

所以建议：

负载物必须放置在托盘的中心
The load shall be at the center of the pallet

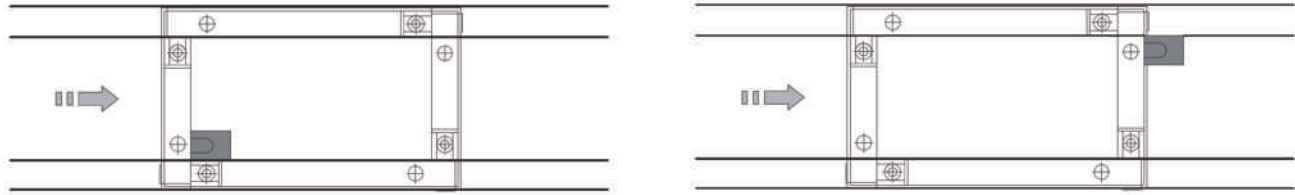
负载物重心高度 hs 不得超过 1/2 Wp (Wp <Lp)
Height of load gravity hs not more than 1/2 Wp(Wp <Lp)

为了使工件在托盘中心承重，建议在使用重型工件或者重量分配不均匀的工件时选择尺寸更大的托盘
In order to keep the load at the center of the pallet,it is suggested to choose bigger pallet for big load or uneven load

托盘挡停器安装位置 Installation position of pallet stop

在使用托盘时,挡停器安装在托盘输送方向的左前侧、右后方进行档停。

When the stop is used with pallet, it will be mounted in rear right or front left position in the direction of transport



工件托盘

WORK-PIECE PALLET

特点Features

- (1)、适用于平皮带、齿形带输送线使用
Suitable for use on at belt and toothed belt conveyor lines
- (2)、塑料框架模块，带通用铝制 / 钢制承载板
Plastic frame module with universal aluminum/steel bearing plate
- (3)、铝制承载板厚度规格 :5mm/8mm/12mm
Aluminum bearing plate thickness specification: 5mm/8mm/12mm
- (4)、51 种标准规格
51 standard specifications
- (5)、集成定位销套，定位精度可达 ±0.1mm
Integrated positioning pin sleeve, positioning accuracy up to ± 0.1mm
- (6)、标准框架底部、侧面均集成金属感应垫片
Metal induction gaskets are integrated at the bottom and sides of the standard frame
- (7)、防静电
Anti static

供货范围Supply scope

承载板 1/ 塑料框架模块 / 定位销套 / 弹簧销 2 Bearing plate 1/plastic frame module/positioning pin sleeve/spring pin 2

供货方式Supply method

成套（已装配）/ 零部件供货（请来电咨询）
Complete set (assembled)/parts supply (please call for consultation)
1、需追加工件或工装安装孔，支持来图加工
Additional workpiece or fixture installation holes are required to support processing according to drawings

2、规格尺寸 Wp x LP = 320x400mm 承载板需追加 2 件辅助紧固的弹簧销孔，Wp x Lp 400x400mm 承载板需追加 4 件辅助紧固的弹簧销孔。（Wp 、LP 指托盘工作宽度和长度，非托盘外形的宽度和长度）

The specification size Wp x LP=320x400mm, and the bearing plate needs to add 2 additional spring pin holes for auxiliary fastening. The Wp x Lp 400x400mm bearing plate needs to Add 4 additional spring pin holes for auxiliary fastening. (Wp, LP refer to the working width and length of the pallet, not the width and length of the pallet shape)

订购Ordering

WT - Wp - LP - T - A - SR

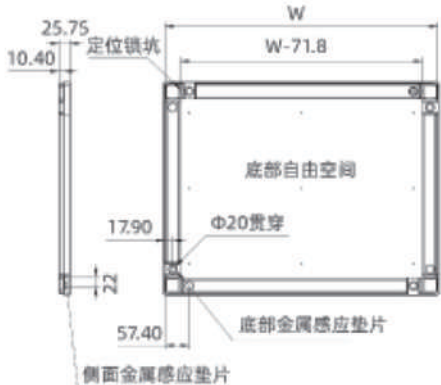
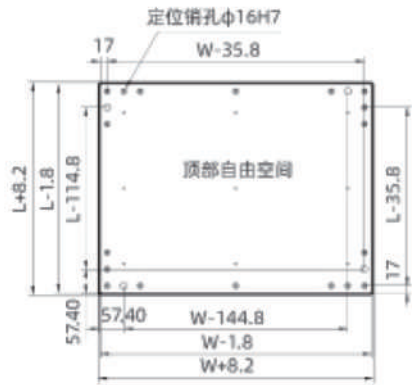
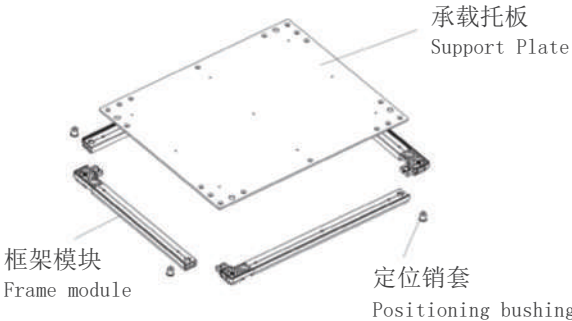
Wp: Pallet width main Conveyor 输送托盘宽度

LP: Pallet length main Conveyor 输送托盘长度

T: Pallet Type (A=black anodized aluminum supporting plate、B=black carbon steel supporting plate、C=nature anodized aluminum supporting plate
托盘类型（A= 黑色铝合金托盘、B= 黑色碳钢托盘、C 铝合金本色）

A: Thickness of support plate 承载板厚度：(T=5mm、8mm、12mm)

SR: Special Requirement 特殊要求



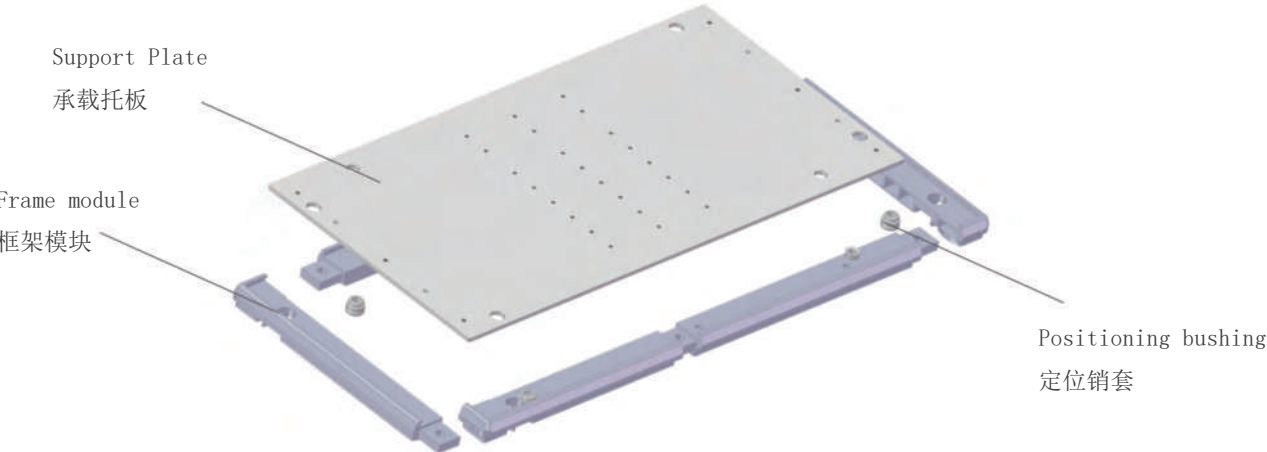
成套订货编号：

Ba (mm) x L (mm)	承载板厚度	承载板材质	平面度T (mm)	承载板表面处理	托盘重量1mp (kg)
160x160	5	铝合金	0.3	黑色阳极氧化	0.9
160x160	5	碳钢	0.3	黑色电泳	1.5
160x240	5	铝合金	0.3	黑色阳极氧化	1.2
160x240	5	碳钢	0.3	黑色电泳	2.1
160x320	5	铝合金	0.3	黑色阳极氧化	1.5
160x320	5	碳钢	0.3	黑色电泳	2.8
240x240	5	铝合金	0.3	黑色阳极氧化	1.5
240x240	5	碳钢	0.3	黑色电泳	2.9
240x320	5	铝合金	0.5	黑色阳极氧化	1.9
240x320	5	碳钢	0.5	黑色电泳	3.9
240x400	5	铝合金	0.5	黑色阳极氧化	2.3
240x400	5	碳钢	0.5	黑色电泳	4.7
320x320	5	铝合金	0.5	黑色阳极氧化	2.5
320x320	5	碳钢	0.5	黑色电泳	5.1
320x400	5	铝合金	0.5	黑色阳极氧化	2.9
320x400	5	碳钢	0.5	黑色电泳	6.2
320x480	5	铝合金	0.6	黑色阳极氧化	3.5
320x480	5	碳钢	0.6	黑色电泳	7.4
400x400	5	铝合金	0.6	黑色阳极氧化	3.4
400x400	5	碳钢	0.6	黑色电泳	7.5
400x480	5	铝合金	0.6	黑色阳极氧化	4.1
400x480	5	碳钢	0.6	黑色电泳	9
400x640	5	铝合金	0.8	黑色电泳	11.8
480x480	5	碳钢	0.8	黑色阳极氧化	4.8
480x640	5	碳钢	0.8	黑色电泳	10.7
480x800	5	碳钢	1	黑色电泳	13.9
640x640	5	碳钢	1	黑色电泳	18.1
240x320	8	铝合金	0.5	黑色阳极氧化	2.6
240x400	8	铝合金	0.5	黑色阳极氧化	3.1
320x320	8	铝合金	0.5	黑色阳极氧化	3.3
320x400	8	铝合金	0.5	黑色阳极氧化	3.9
320x480	8	铝合金	0.6	黑色阳极氧化	4.6
400x400	8	铝合金	0.6	黑色阳极氧化	4.7
400x480	8	铝合金	0.6	黑色阳极氧化	5.6
400x640	8	铝合金	0.8	黑色阳极氧化	6.8
480x480	8	铝合金	0.8	黑色阳极氧化	6.6
480x640	8	铝合金	0.8	黑色阳极氧化	8.1
480x800	8	铝合金	1	黑色阳极氧化	10
640x640	8	铝合金	0.8	黑色阳极氧化	9.7
640x800	8	铝合金	1	黑色阳极氧化	12.1
800x800	8	铝合金	1	黑色阳极氧化	14.9
320x480	12	铝合金	0.5	黑色阳极氧化	5.5
400x400	12	铝合金	0.5	黑色阳极氧化	6.4
400x480	12	铝合金	0.6	黑色阳极氧化	7.5
400x640	12	铝合金	0.8	黑色阳极氧化	9.1
480x480	12	铝合金	0.6	黑色阳极氧化	9
480x640	12	铝合金	0.8	黑色阳极氧化	10.7
480x800	12	铝合金	0.8	黑色阳极氧化	13.4
640x640	12	铝合金	1	黑色阳极氧化	14.6
640x800	12	铝合金	1	黑色阳极氧化	18.1
800x800	12	铝合金	1	黑色阳极氧化	22.2

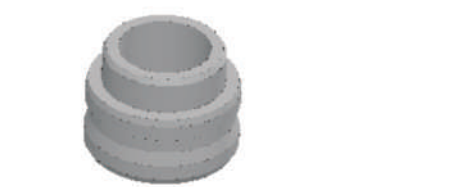
框架模块

FRAME MODULES

包含角件160、角件240、角件320、直线件160
Including corner part 160, 240, 320 and linear part 160
可与其他附件组合成不同尺寸的托盘框架
To form different sizes of pallet with other parts



部件概览

	Support Plate 承载托板 实现框架模块之间的连接，与框架模块的组合 To Corner the frame module parts together 可以很方便地将定制的工作夹具集成在上面 Easy installation of custom made workpiece on the pallet
	Corner part 角件 包含角件160、角件240、角件320、直线件160 Corner part 160, 240 or 320 可与其他附件组合成不同尺寸的托盘框架 To form different sizes of pallet with others parts
	Positioning bushing 定位销套 使定位单元能在指定位置准确定位托盘 To have the positioning unit locate the pallet in exact position

框架模块

FRAME MODULES

CORNER PART 160
角件 160
与其他角件、直线件组合
Connected with other comer part, linear part



订购说明

Product name 产品名称	Material 材质	Delivery unit 供货单位	Part No. 订购编号
Corner part160 角件160	PE, 黑色	1	CP160

CORNER PART 240
角件 240
与其他角件、直线件组合
Connected with other comer part, linear part



订购说明

Product name 产品名称	Material 材质	Delivery unit 供货单位	Part No. 订购编号
Corner part160 角件160	PE, 黑色	1	CP240

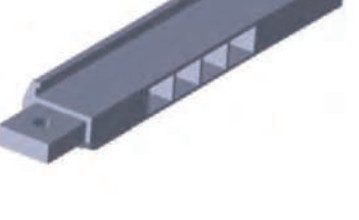
CORNER PART 320
角件 320
与其他角件、直线件组合
Connected with other comer part, linear part



订购说明

Product name 产品名称	Material 材质	Delivery unit 供货单位	Part No. 订购编号
Corner part160 角件160	PE, 黑色	1	CP320

LINEAR PART 160
直线件 160
与其他角件、直线件组合
Connected with other comer part, linear part

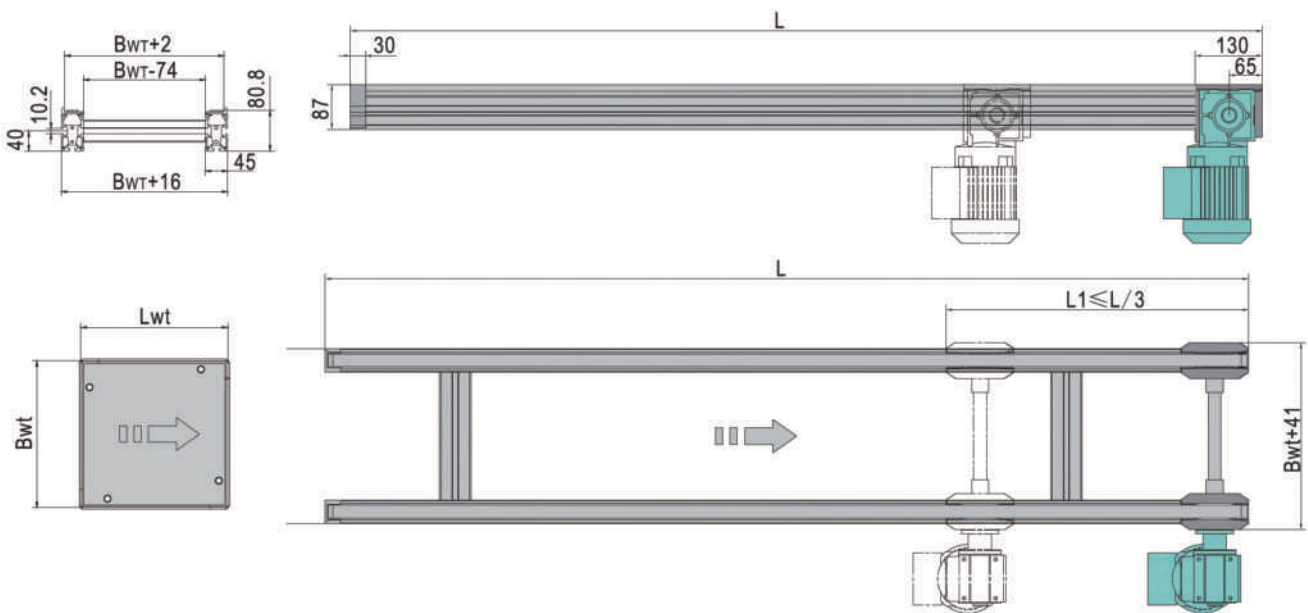
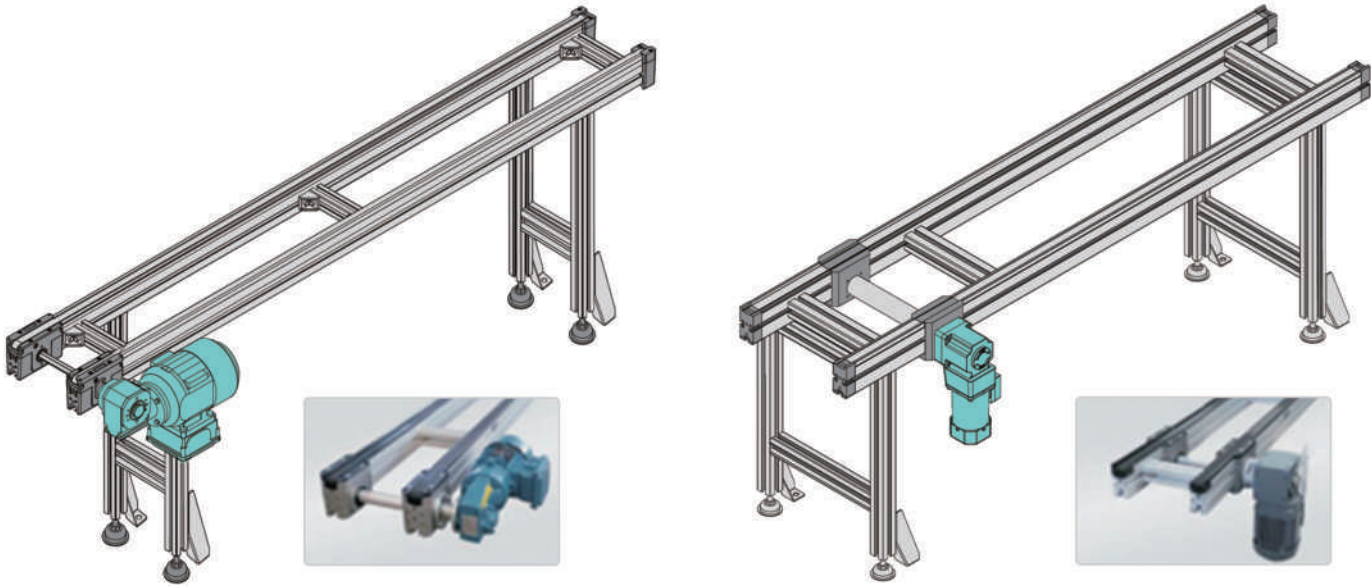


订购说明

Product name 产品名称	Material 材质	Delivery unit 供货单位	Part No. 订购编号
Linear part160 直线件160	PE, 黑色	1	CP160

BF1齿形带输送系统

BF1 TOOTHED TWIN-BELT CONVEYING SYSTEM



*必须按照图示方向输送托盘，禁止反向

Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

规格配置 Specification

产品名称 Product Name	BF1齿形带输送机 BF1 Toothed twin- belt conveyor
线体长度 Conveyor Length	400 ≤ L ≤ 6000mm
托盘宽度 Pallet Width	160 ≤ Bwt ≤ 1000mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	60kg
最大满载运行速度 Max. speed in full-load	Vmax =20m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	T5同步带
线体长度承载能力 Conveyor Length carrying capacity	≤ 0.6kg/cm

特征/应用 Features/application

模块化设计, 模块化部件, 维护方便;

Modular design, molded components, easy maintenance;

机身有标准槽口的高强度铝合金型材, 方便输送机安装在其他设备上或者在输送机上安装其它附件(如传感器、支架等);

High intensity aluminum pro le with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc);

配合圆带转弯机(90° 圆带转弯机、180° 圆带转弯机), 顶升横移, 转台及升降机使用, 实现柔性自动化循环控制;

Cooperate with circular belt turning machines (90 ° circular belt turning machines, 180 ° circular belt turning machines), lift and move horizontally, use turntables and elevators, and achieve exible automated cycle control;

使用环境清洁度: 十万级(使用中同步带与同步轮摩擦会产生粉末);

Cleanliness of the operating environment: Class 100000 (powder will be generated due to friction between the synchronous belt and the synchronous wheel during use);

使用环境温度: -10° C~+80° C;

应用范围: 工厂自动化、汽车零部件、电子等。

Operating environment temperature: -10 ° C~+80 ° C; Application scope: Factory Automation,Automobile Parts ,Electronics etc.

订购 Ordering

BF1 - M - V - Bwt - L - H - N - OP - F1 - E - SR

M: 满载负载

M: Max.Load Capacity

V: 托盘运行速度(2-20m/min 推荐作业速度 8-16m/min)

V: Curve conveying speed (2-20m/min, recommended operating speed 8-16m/min)

Bwt: 托盘宽度

Bwt: Pallet width

L: 线体长度(线体长度必须是 5 的倍数)

L: Conveyor length (Conveyor length must be a multiple of 5)

H: 线体水平高度(最小高度不小于 240mm, 当数值为 0 时表示不含支腿)

H: Conveyor Height (minimum height ≥ 240mm, gure 0 means no support leg)

N: 支腿数量 (支腿间距 1000mm-2000mm 之间)

N: Number of support leg(spacing between stand supports between 1000mm-2000mm)

OP: 电机位置(如图 1-1 所示)

OP: Motor Position(as gure1-1)

F1: 电机方向(如图 1-2 所示)

F1: Motor direction (as gure1-2)

E: 驱动位置(E= 端部驱动、C= 中间驱动)

E: Drive position(E=End Drive,C=Centre Drive)

SR: 特殊要求 SR: Special Requirement

订货范例 Example:

BF1 -M30-V15-Bwt600-L5000-H800-N8-OP-F1-E-SR

BF1 齿形带输送线 -- 负载 30kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 端部驱动 E

BF1 Toothed Twin-belt conveyor-loading 30kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm--conveyor height 800mm-- Number of legs 8 -motor position outside and left--motor direction F1-Drive position End Drive

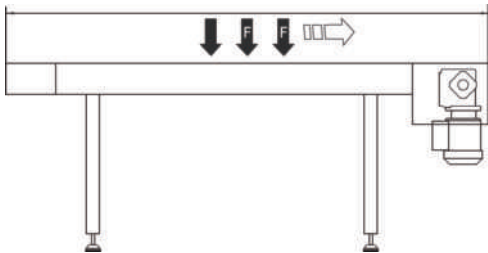
负载能力 Load capacity

最大长度=6米

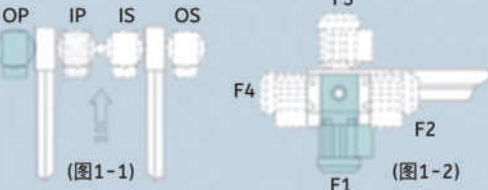
最大负载=60Kg

Max.Length=6meters

Max.Load=60Kg



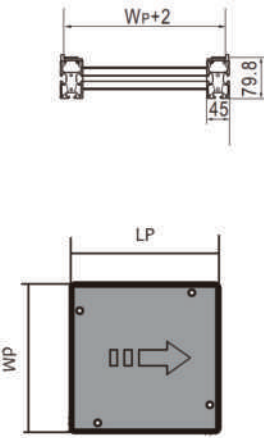
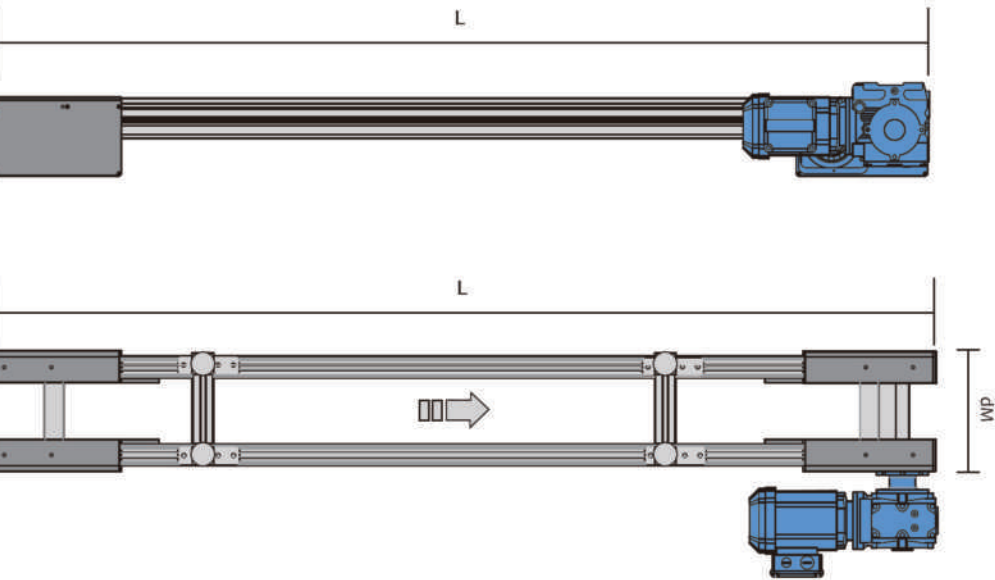
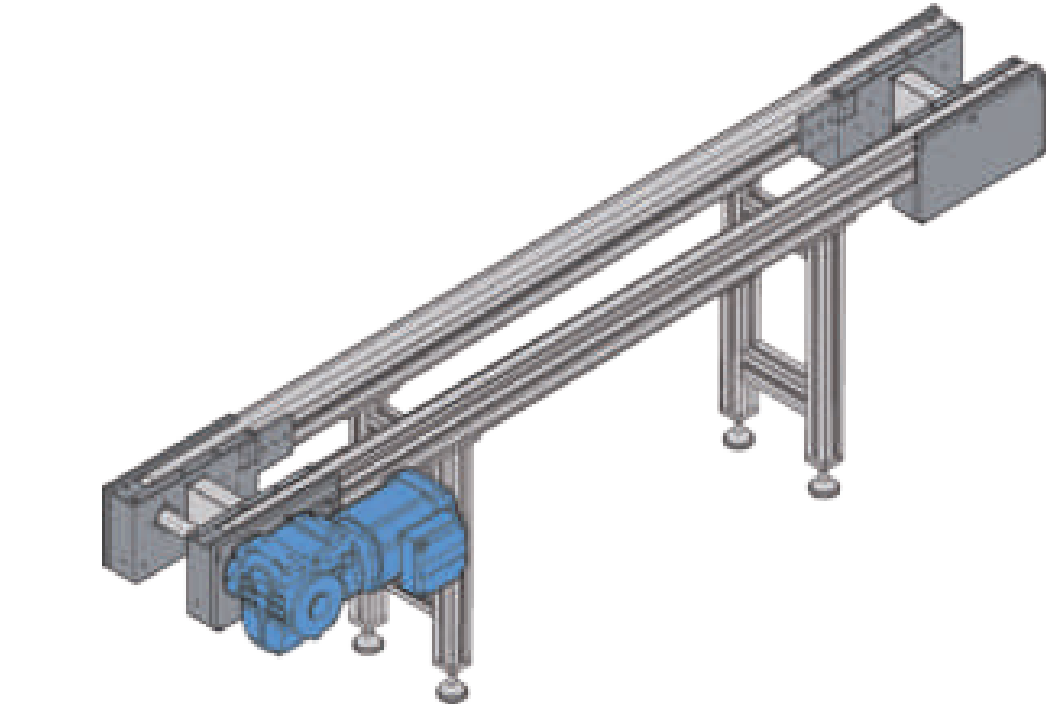
电机布局 Motor Layout



电机接线盒默认方向如图所示, 如有特殊要求请来电话咨询。
The direction of motor terminal box as figure indcated, and please contact us if special request needed.

BF1P片基带输送系统

BF1P BASE TWIN-BELT CONVEYING SYSTEM



*必须按照图示方向输送托盘，禁止反向

Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

规格配置 Specification

产品名称 Product Name	BF1P片基带输送机 BF1P Base Twin-Belt Conveyor
线体长度 Conveyor Length	1200<L<12000mm
托盘宽度 Pallet Width	160 < Bwt < 1000mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	150kg
最大满载运行速度 Max. speed in full-load	Vmax =20m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	尼龙片基带 Nylon base belt
线体长度承载能力 Conveyor Length carrying capacity	< 1kg/cm

特征/应用 Features/application

模块化设计, 模块化部件, 维护方便, 输送能力较大, 适用于中度负载;

Modular design, molded components, easy maintenance, Large conveying capacity, suitable for moderate loads;

机身有为标准槽口的高强度铝合金型材, 方便输送机安装在其他设备上或者在输送机上安装其它附件(如传感器、支架等);

High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc);

配合圆带转弯机(90° 圆带转弯机、180° 圆带转弯机), 顶升横移, 转台及升降机使用, 实现柔性自动化循环控制;

Cooperate with circular belt turning machines (90 ° circular belt turning machines, 180 ° circular belt turning machines), lift and move horizontally, use turntables and elevators, and achieve flexible automated cycle control;

使用环境清洁度: 十万级;

Cleanliness of the operating environment: Class 100000;

使用环境温度: -10° C~+80° C;

应用范围: 工厂自动化、汽车零部件、电子等。

Operating environment temperature: -10 ° C~+80 ° C;

Application scope: Factory Automation, Automobile Parts ,Electronics etc.

订购 Ordering

BF1P - M - V - Bwt - L - H - N - OP - F1 - E - SR

M: 满载负载

M: Max.Load Capacity

V: 托盘运行速度(2-20m/min 推荐作业速度 8-16m/min)

V: Curve conveying speed (2-20m/min, recommended operating speed 8-16m/min)

Bwt: 托盘宽度

Bwt: Pallet width

L: 线体长度

L: Conveyor length

H: 线体水平高度(最小高度不小于 260mm, 当数值为 0 时表示不含支腿)

H: Conveyor Height (minimum height ≥ 260mm, gure 0 means no support leg)

N: 支腿数量 (支腿间距 1000mm-2000mm 之间)

N: Number of support leg(spacing between stand supports between 1000mm-2000mm)

OP: 电机位置(如图 1-1 所示)

OP: Motor Position(as gure1-1)

F1: 电机方向(如图 1-2 所示)

F1: Motor direction (as gure1-2)

E: 驱动位置(E= 端部驱动)

E: Drive position(E=End Drive)

SR: 特殊要求 SR: Special Requirement

Example 订货范例:

BF1P -M30-V15-Bwt600-L5000-H800-N8-OP-F1-E-SR

BF1P 片基带输送线 -- 负载 30kg-- 输送速度 15m/min-- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm-- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1-- 端部驱动 E

BF1P Toothed Twin-belt conveyor-loading 30kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm--conveyor height 800mm-- Number of legs 8 -motor position outside and left--motor direction F1-Drive position End Drive

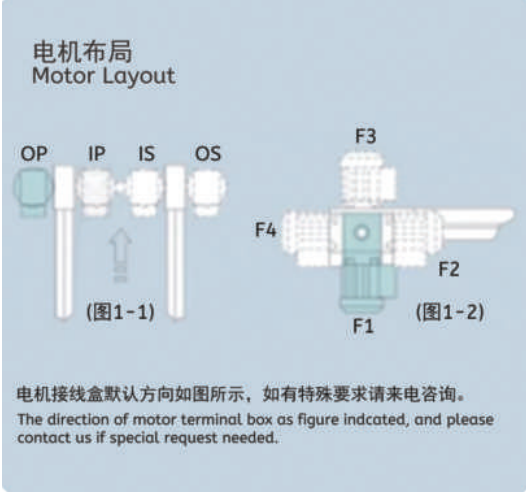
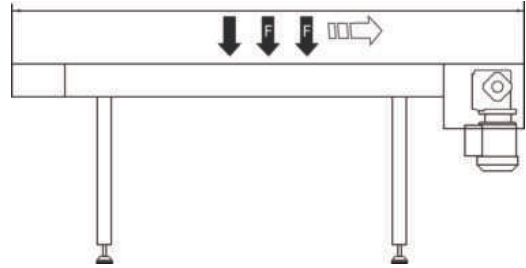
负载能力 Load capacity

最大长度=12米

最大负载=150Kg

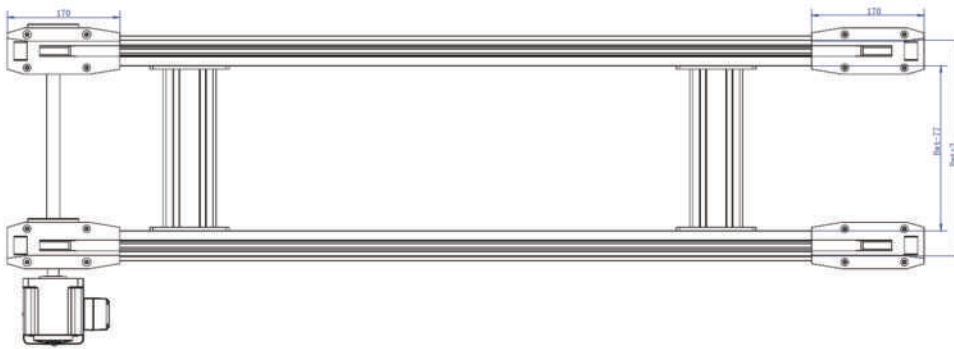
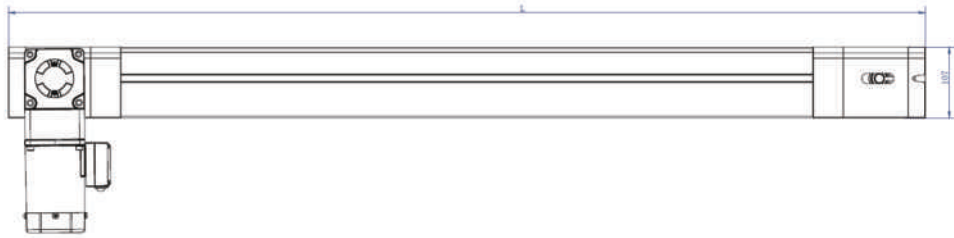
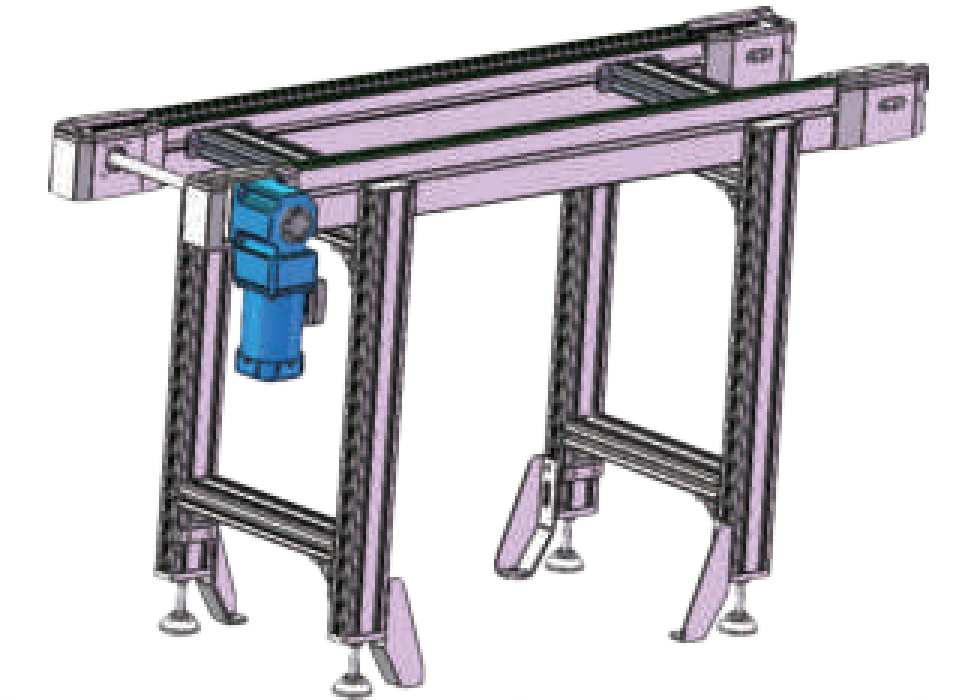
Max. Length=12meters

Max. Load=150Kg



BF2Q单倍速轻载输送系统

BF2Q SINGLE SPEED LIGHT LOAD CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ，如反向输送请提前沟通)

Workpiece pallets should be conveyed toward a drive unit,If reverse transportation occurs, please communicate in advance

输送方向由机尾向机头方向输送,(安装电机部件为机头)

The conveying direction is from the tail of the machine to the head direction, (the motor component installed is the head)

特殊情况下可以反向输送,但是输送效能要下降 1/3

Under special circumstances, reverse conveying is possible, but the conveying efficiency needs to be reduced by 1/3

输送方向有特殊要求需经过我们事先认可,否则主线异常及相关机构将无法保修。

There are special requirements for the conveying direction that require our prior approval, otherwise the main line is abnormal and relevant institutions will not be able to guarantee it

规格配置 Specification

产品名称 Product Name	BF2Q单倍速轻载输送机 BF2Q Single speed light load conveyor
线体长度 Conveyor Length	800 ≤ L ≤ 6000mm
托盘宽度 Pallet Width	180 ≤ Bwt ≤ 1000mm
线体高度 Conveyor Height	高度可指定 Height can be specified
最大负载能力 Max.load capacity	300kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 30m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	单倍速链 Single speed chain
线体长度承载能力 Conveyor Length carrying capacity	< 1.5kg/cm

特征/应用 Features/application

模块化设计, 模块化部件, 维护方便, 输送能力较大, 适用于轻度负载;

Modular design, molded components, easy maintenance, Large conveying capacity, Suitable for mild loads;

机身有标准槽口的高强度铝合金型材, 方便输送机安装在其他设备上或者在输送机上安装其它附件 (如传感器、支架等);

High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components (like sensor, bracket etc);

配合顶升横移、转台及升降机使用, 实现柔性自动化循环控制;

Used in conjunction with jacking and traversing, turntables and elevators to achieve flexible automated cycle control;

使用环境清洁度: 十万级;

Cleanliness of the operating environment: Class 100000 ;

使用环境温度: -10 ° C~+80 ° C;

应用范围: 工厂自动化、汽车零部件、电子等。

Operating environment temperature: -10 ° C~+80 ° C; Application scope: Factory Automation, Automobile Parts ,Electronics etc.

订购 Ordering

BF2Q - M - V - Bwt - L - H - N - OP - F1 - C1 - A0 - SR

M: 满载负载

M: Max. Load Capacity 满载负载:

V: 托盘输送速度(2-30m/min, 推荐作业速度 8-16m/min)

V: Curve conveying speed (2-30m/min, recommended operating speed 8-16m/min)

Bwt: 托盘宽度

Bwt: Pallet width

L: 线体长度

L: Conveyor length

H: 线体水平高度(最小高度不小于 260mm, 当数值为 0 时表示不含支腿)

H: Conveyor Height (minimum height ≥ 260mm, gure 0 means no support leg)

N: 支腿数量 (支腿间距 1000mm-1200mm 之间)

N: Number of support leg(spacing between stand supports between 1000mm-1200mm)

OP: 电机位置(如图 1-1 所示)

OP: Motor Position(as gure1-1)

F1: 电机方向(如图 1-2 所示)

F1: Motor direction (as gure1-2)

C1: 链条种类(C1 钢质轮链条、C2 尼龙轮链条、C3 免维护镀镍链条、C4 不锈钢链条)

C1: Chain Type(C1 steel chain,C2 nylon wheel chain,C3 Maintenance free nickel plated chain,C4 Stainless Steel Chain)

A0: 链条附件(A0 不带防护盖,A1 链条加防护盖)

A0: Chain Accessory(A0 without chain cover/A1 with chain cover)

SR: 特殊要求 SR: Special Requirement

Example 订货范例 :

BF2Q - M30-V15-Bwt600-L5000-H800-N8-OP-F1-C1-A0-SR

BF2Q 单倍速轻载输送线 -- 负载 30kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 钢质轮链条

BF2Q Toothed Twin-belt conveyor-loading 30kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm--conveyor height 800mm--Number of legs 8 -motor position outside and left--motor direction F1-Drive position End Drive

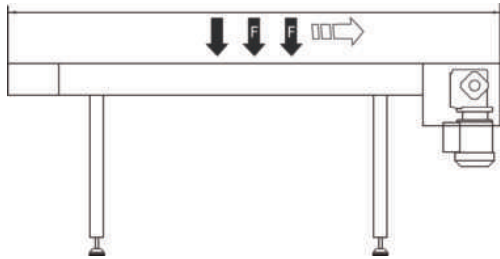
负载能力 Load capacity

最大长度=6米

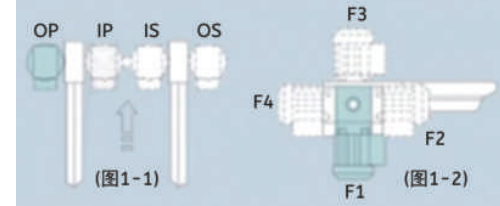
Max.Length=6meters

最大负载=300Kg

Max. Load=300Kg



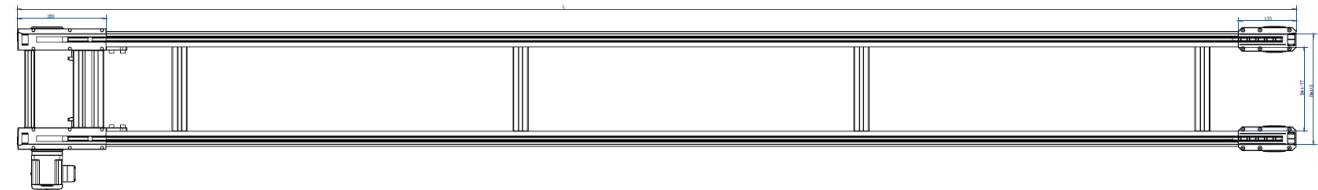
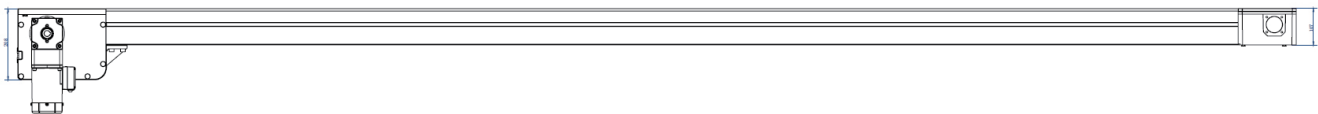
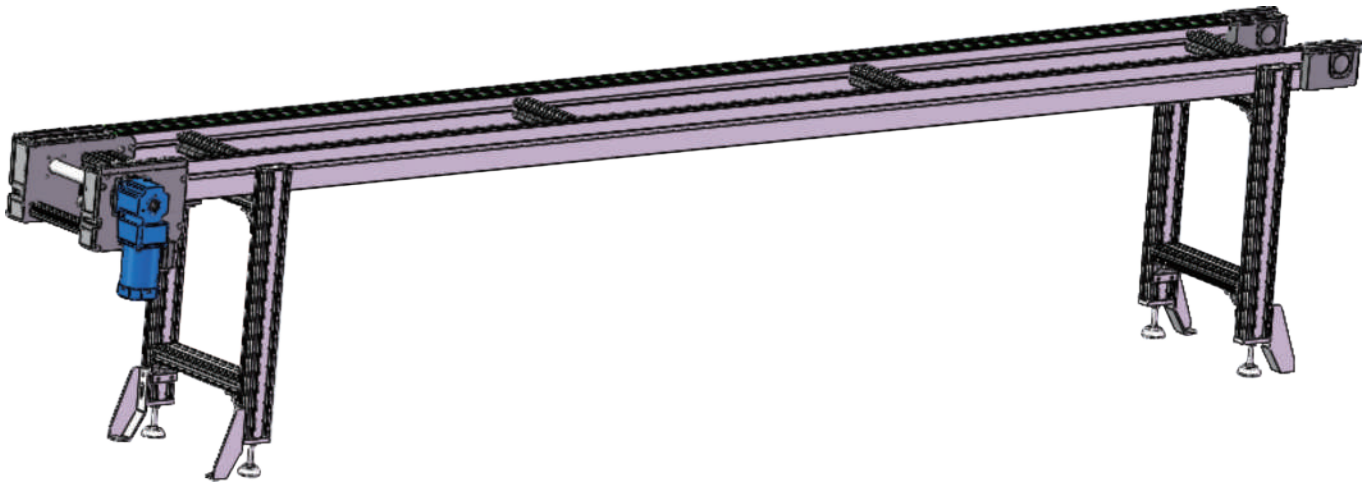
电机布局 Motor Layout



电机接线盒默认方向如图所示, 如有特殊要求请来电话咨询。
The direction of motor terminal box as figure indicated, and please contact us if special request needed.

BF2B单倍速标准输送系统

BF2B SINGLE SPEED STANDARD CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ， 禁止反向输送)

Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

输送方向由机尾向机头方向输送,(安装电机部件为机头)

The conveying direction is from the tail of the machine to the head direction, (the motor component installed is the head)

规格配置 Specification

产品名称 Product Name	BF2B单倍速标准输送机 BF2B Single speed standard conveyor
线体长度 Conveyor Length	800 ≤L≤12000mm
托盘宽度 Pallet Width	160 ≤Bwt ≤1200mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	600kg
最大满载运行速度 Max. speed in full-load	Vmax ≤20m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	08BS积放链条 08BS Accumulation chain
线体长度承载能力 Conveyor Length carrying capacity	≤1.5kg/cm

特征/应用 Features/application

模块化设计，模具化部件，维护方便，输送能力较大，适用于中度负载；

Modular design, molded components, easy maintenance, Large conveying capacity, suitable for moderate loads;

机身有标准槽口的高强度铝合金型材，方便输送机安装在其他设备上或者在输送机上安装其它附件（如传感器、支架等）；

High intensity aluminum pro le with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc)；

配合顶升横移，转台及升降机使用，实现柔性自动化循环控制；

Used in conjunction with lifting and traversing, turntables and elevators to achieve flexible automated cycle

使用环境清洁度：十万级；

使用环境温度：-10° C~+80° C；

Cleanliness of the operating environment: Class 100000；

Operating environment temperature: -10 ° C~+80 ° C；

应用范围：工厂自动化、汽车零部件、电子等。

Application scope: Factory Automation, Automobile Parts ,Electronics etc.

订购 Ordering

BF2B - M - V - Bwt - L - H - N - OP - F1 - C1 - SR

M: 满载负载

M: Max. Load Capacity

V: 托盘运行速度(2-20m/min 推荐作业速度 8-16m/min)

V: Curve conveying speed (2-20m/min, recommended operating speed 8-16m/min)

Bwt: 托盘宽度

Bwt: Pallet width

L: 线体长度

L: Conveyor length

H: 线体水平高度(最小高度不小于 260mm, 当数值为 0 时表示不含支腿)

H: Conveyor Height (minimum height ≥260mm, gure 0 means no support leg)

N: 支腿数量 (支腿间距 1000mm-1200mm 之间)

N: Number of support leg(spacing between stand supports between 1000mm-1200mm)

OP: 电机位置(如图 1-1 所示)

OP: Motor Position(as gure1-1)

F1: 电机方向(如图 1-2 所示)

F1: Motor direction (as gure1-2)

C1: 链条种类(C1 钢质轮链条、C2 尼龙轮链条、C3 免维护镀镍链条、C4 不锈钢链条)

C1: Chain Type (C1 steel chain、C2 nylon wheel chain、C3 Maintenance free nickel plated chain、C4 Stainless Steel Chain)

SR: 特殊要求

SR: Special Requirement

Example 订货范例：

BF2B - M60-V15-Bwt600-L5000-H800-N8-OP-F1-C1-SR

BF2B 单倍速标准输送线 -- 负载 60kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 钢质轮链条

BF2B Toothed Twin-belt conveyor-loading 60kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm-conveyor height 800mm-Num-ber of legs 8 -motor position outside and left-motor direction F1-Drive position End Drive

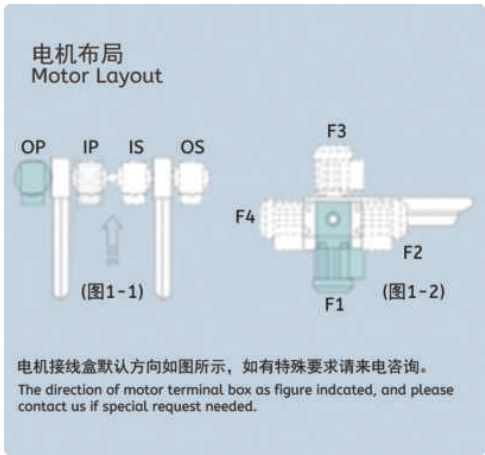
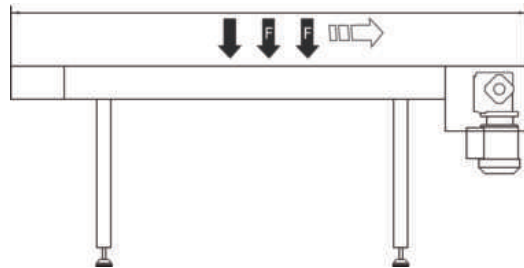
负载能力 Load capacity

最大长度=12米

Max. Length=12meters

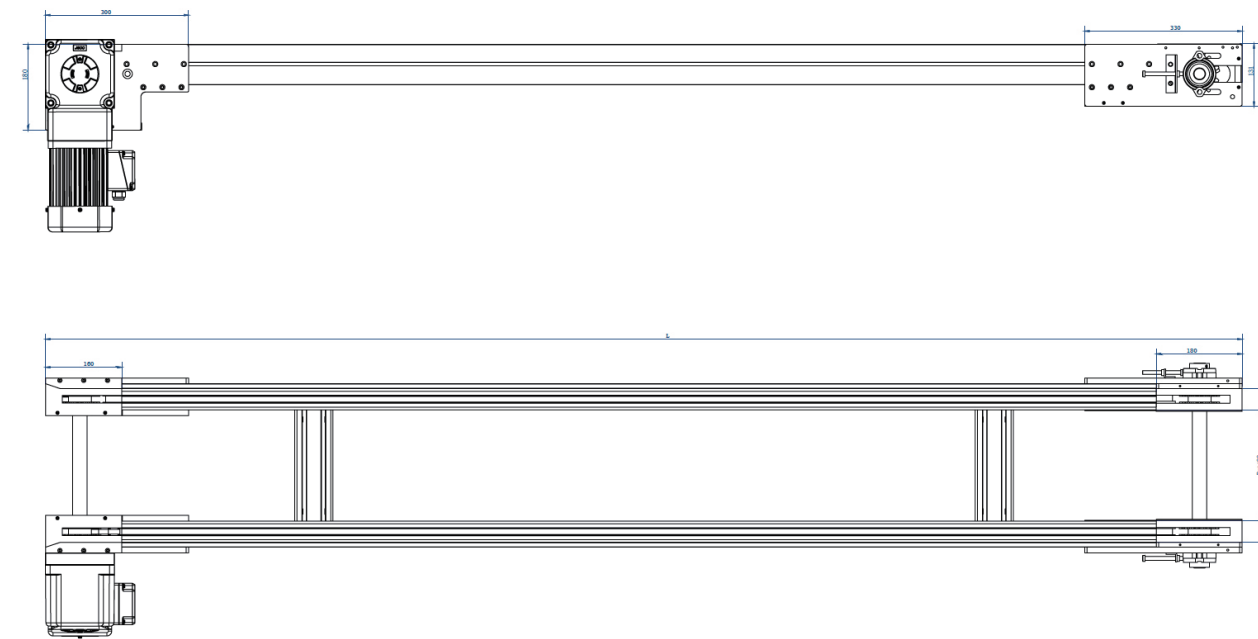
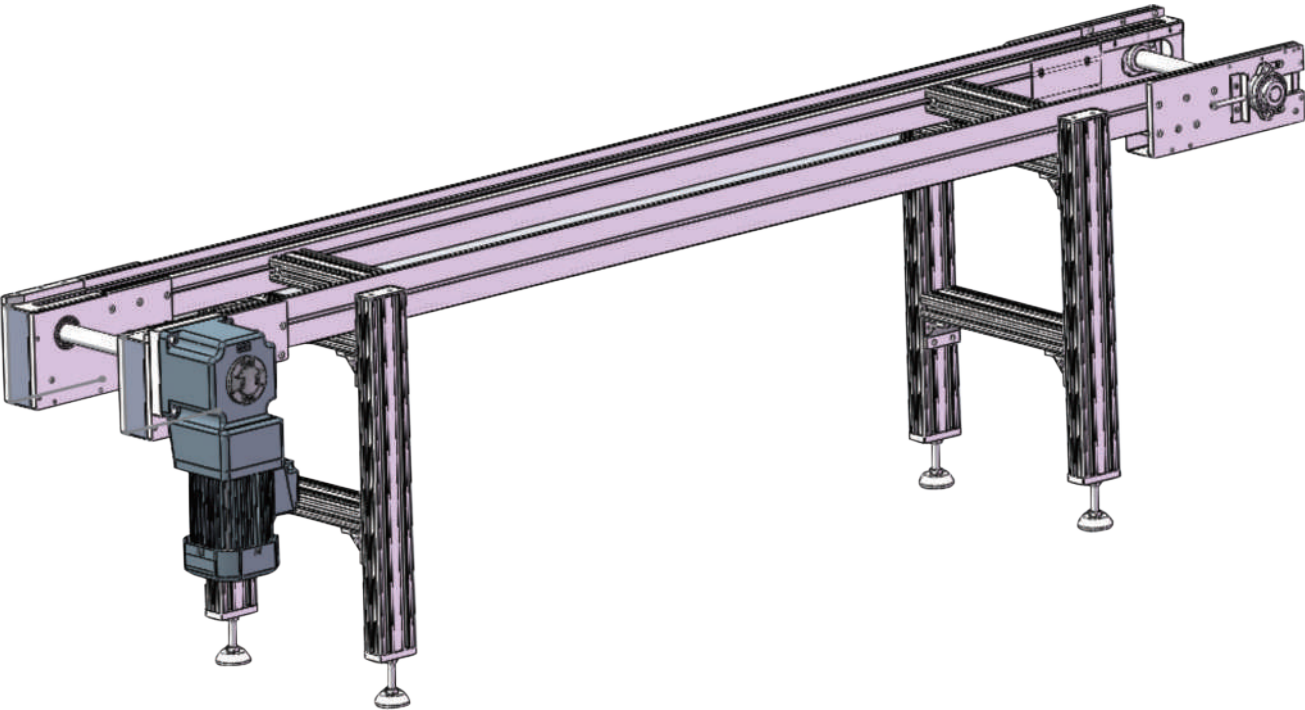
最大负载=600Kg

Max. Load=600Kg



BF2. 5Q 2. 5倍速轻载输送系统

BF2. 5Q 2. 5 SPEED LIGHT LOAD CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ，禁止反向输送)
Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

规格配置 Specification

产品名称 Product Name	2.5倍速轻载输送机 2.5 speed light load conveyor
线体长度 Conveyor Length	1200 ≤ L ≤ 12000mm
托盘宽度 Pallet Width	400 ≤ Bwt ≤ 1200mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	600kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 20m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	积放链条 Accumulation chain
线体长度承载能力 Conveyor Length carrying capacity	≤ 1.5kg/cm

特征/应用 Features/application

模块化设计, 模具化部件, 维护方便, 输送能力较大, 适用于中度负载;
Modular design, molded components, easy maintenance, Large conveying capacity, suitable for moderate loads;
机身有标准槽口的高强度铝合金型材, 方便输送机安装在其他设备上或者在输送机上安装其它附件(如传感器、支架等);
High intensity aluminum pro le with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc.);
配合顶升横移、转台及升降机使用, 实现柔性自动化循环控制;
Used in conjunction with jacking and traversing, turntables and elevators to achieve flexible automated cycle con-
使用环境清洁度: 十万级; 使用环境温度: -10° C~+80° C;
Cleanliness of the operating environment: Class 100000; Operating environment temperature: -10 ° C~+80 ° C;
应用范围: 工厂自动化、汽车零部件、电子等。
Application scope: Factory Automation, Automobile Parts ,Electronics etc.

订购 Ordering

BF2. 5Q - M - V - Bwt - L - H - N - OP - F1 - C1 - SR

M: 满载负载
M: Max. Load Capacity
V: 托盘运行速度(2-20m/min 推荐作业速度 8-16m/min)
V: Curve conveying speed (2-20m/min, recommended operating speed 8-16m/min)
Bwt: 托盘宽度
Bwt: Pallet width
L: 线体长度
L: Conveyor length
H: 线体水平高度(最小高度不小于 300mm, 当数值为 0 时表示不含支腿)
H: Conveyor Height (minimum height ≥ 300mm, gure 0 means no support leg)
N: 支腿数量 (支腿间距 1000mm-1500mm 之间)
N: Number of support leg(spacing between stand supports between 1000mm-1500mm)
OP: 电机位置(如图 1-1 所示)
OP: Motor Position(as gure1-1)
F1: 电机方向(如图 1-2 所示)
F1: Motor direction (as gure1-2)
C1: 链条种类(C1 钢质轮链条、C2 尼龙轮链条、C3 免维护镀镍链条、C4 不锈钢链条)
C1: Chain Type(C1 steel chain,C2 nylon wheel chain,C3 Maintenance free nickel plated chain,C4 Stainless Steel Chain)
SR: 特殊要求 SR: Special Requirement

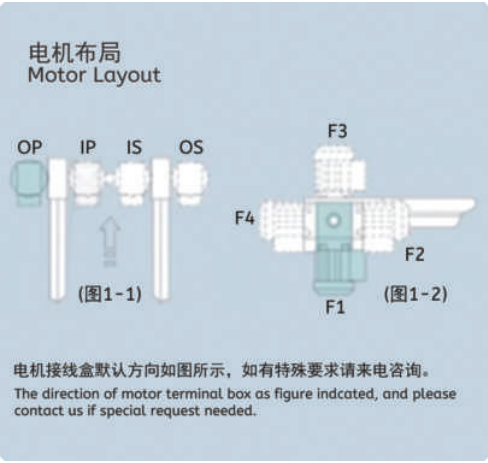
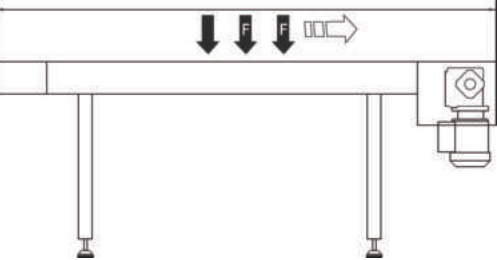
Example 订货范例:

BF2. 5Q - M60-V15-Bwt600-L5000-H800-N8-OP-F1-C1-SR
BF2. 5Q 2. 5 倍速轻载输送线 -- 负载 60kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 钢质轮链条

BF2.5Q Toothed Twin-belt conveyor-loading 60kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm--conveyor height 800mm-- Number of legs 8 -motor position outside and left--motor direction F1-Drive position End Drive

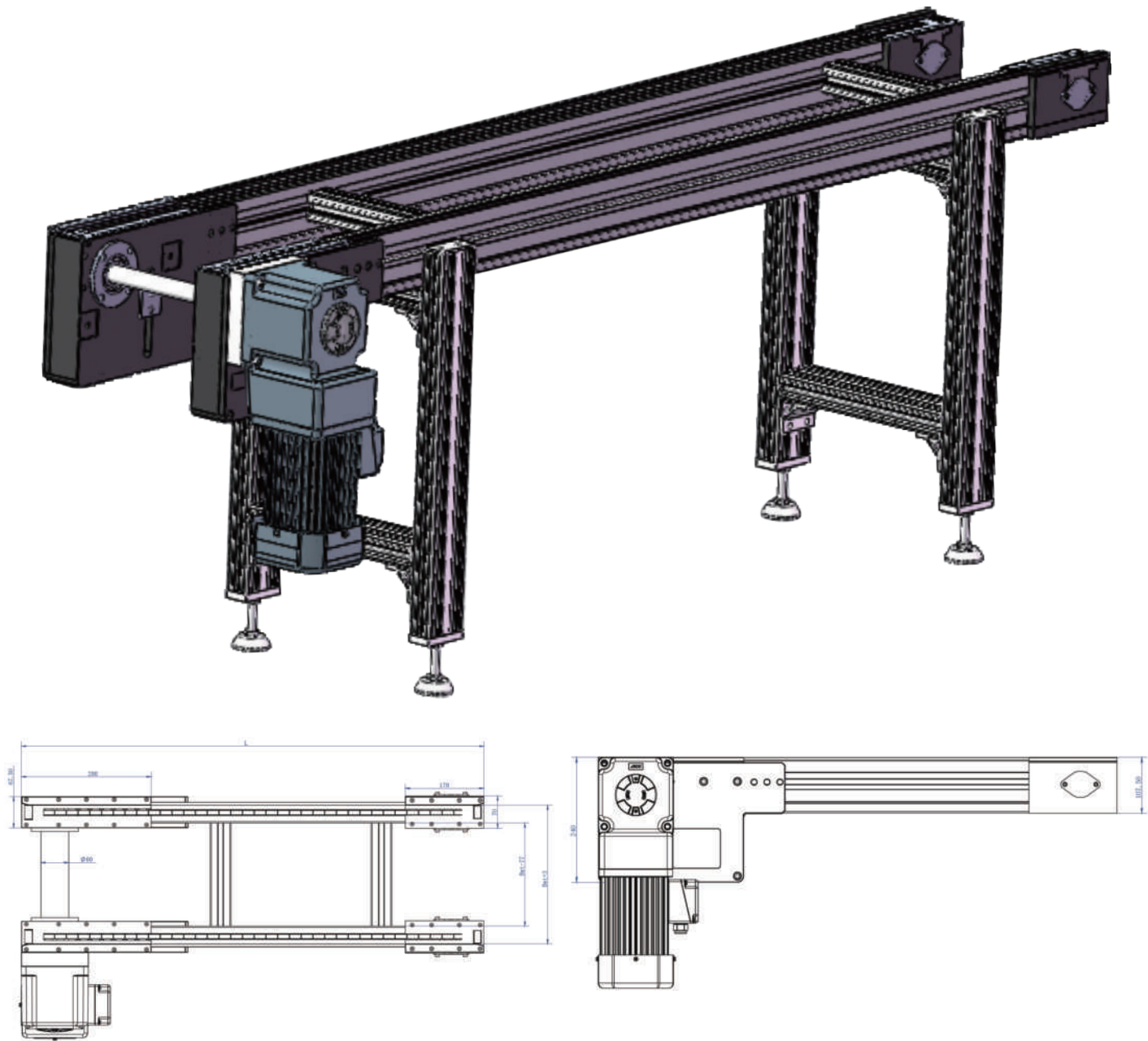
负载能力 Load capacity

最大长度=12米 最大负载=600Kg
Max. Length=12meters Max. Load=600Kg



BF2.5Z 2.5倍速重载输送系统

BF2.5Z 2.5 SPEED HEAVY-DUTY CONVEYING SYSTEM



*** (必须按照图示方向输送托盘 , 禁止反向输送)**

Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

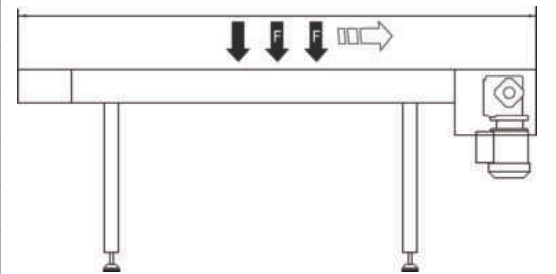
规格配置 Specification

产品名称 Product Name	2.5倍速重载输送机 2.5 speed heavy-duty conveyor
线体长度 Conveyor Length	1000<L<15000mm
托盘宽度 Pallet Width	400<Bwt<1200mm
线体高度 Conveyor Height	高度可指定 Height can be specified
最大负载能力 Max. load capacity	800kg
最大满载运行速度 Max. speed in full-load	$V_{max} \leq 20\text{m/min}$
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	积放链条 Accumulation chain
线体长度承载能力 Conveyor Length carrying capacity	$\leq 1.5\text{kg/cm}$

负载能力 Load capacity

最大长度=15米
Max. Length=15meters

最大负载=800Kg
Max. Load=800Kg



特征/应用 Features/application

模块化设计,模具化部件,维护方便,输送能力较大,适用于中重负载;

Modular design, molded components, easy maintenance, Large conveying capacity, Suitable for medium to heavy loads;

机身有标准槽口的高强度铝合金型材,方便输送机安装在其他设备上或者在输送机上安装其它附件(如传感器、支架等);

High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc);

配合顶升横移、转台及升降机使用,实现柔性自动化循环控制;

Used in conjunction with jacking and traversing, turntables and elevators to achieve flexible automated cycle control;

使用环境清洁度：十万级； 使用环境温度： $-10^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Cleanliness of the operating environment: Class 100000; Operating environment temperature: -10 ° C~+80 ° C;

应用范围：工厂自动化、汽车零部件、电子等。

Application scope: Factory Automation,Automobile Parts ,Electronics etc.

订购 Ordering

BF2.5Z - M - V - Bwt - L - H - N - OP - F1 - C1 - SR

M: 满载负载

M: Max. Load Capacity

V: 托盘运行速度(2-20m/min 推荐作业速度 8-16m/min)

V: Curve conveying speed (2-20m/min, recommended operating speed 8-16m/min)

Bwt: 托盘宽度

Bwt: Pallet width

L: 线体长度

L: Conveyor length

H: 线体水平高度(最小高度不小于 350mm, 当数值为 0 时表示不含支腿)

H: Conveyor Height (minimum height $\geq 350\text{mm}$, gure 0 means no support leg)

N: 支腿数量 (支腿间距 1000mm-1500mm 之间)

N: Number of support leg(spacing between stand

OP: 电机位置(如图 1-1 所示)

OP: Motor Position(as gure1-1)

F1: 电机方向(如图 1-2 所示)

F1: Motor direction (as gurel-2)

C1: 链条种类(C1 钢质轮链条、C2 尼龙轮链条、C3 免维护镀镍链条、C4 不锈钢链条)

C1: Chain Type(C1 steel chain,C2 nylon wheel chain,C3 Maintenance free nickel plated chain,C4 Stainless Steel Chain)

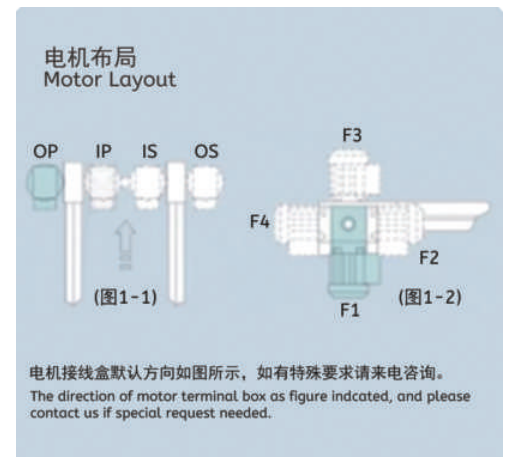
SR: 特殊要求 SR: Special Requirement

Example 订货范例：

BF2.5Z - M60-V15-Bwt600-L5000-H800-N8-OP-F1-C1-SR

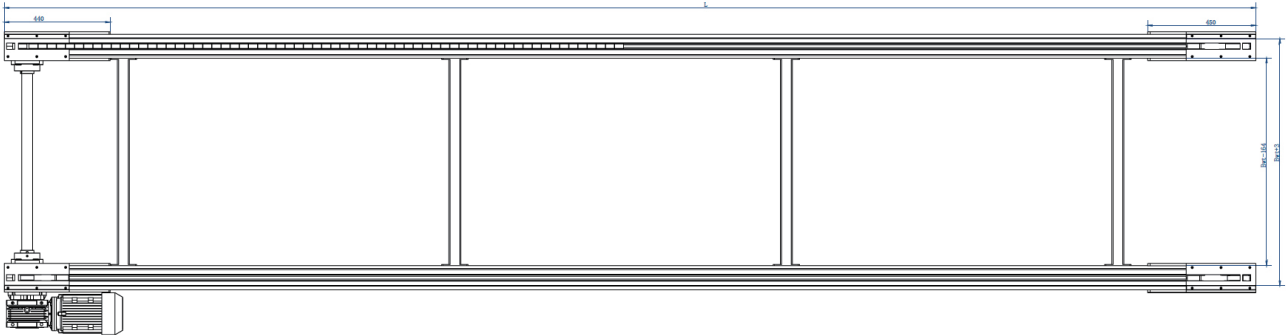
BF2.5Z 2.5 倍速重载输送线 -- 负载 60kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 钢质轮链条

BF2.5Z Toothed Twin-belt conveyor-loading 60kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm-conveyor height 800mm—
Number of legs 8 -motor position outside and left—motor direction Fl-Drive position End Drive



BF3Q 3倍速轻载输送系统

BF3Q 3 SPEED LIGHT LOAD CONVEYING SYSTEM



*(必须按照图示方向输送托盘，禁止反向输送)

Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

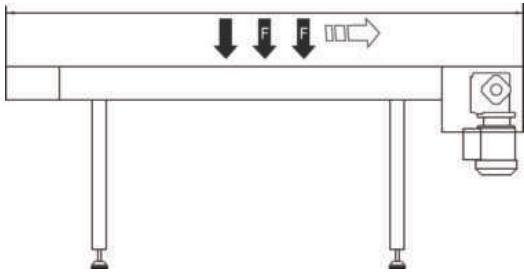
规格配置 Specification

产品名称 Product Name	3倍速轻载输送机 3 speed light load conveyor
线体长度 Conveyor Length	1200 ≤ L ≤ 18000mm
托盘宽度 Pallet Width	320 ≤ Bwt ≤ 1800mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	1500kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 20m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	积放链条 Accumulation chain
线体长度承载能力 Conveyor Length carrying capacity	≤ 1.5kg/cm

负载能力 Load capacity

最大长度=18米
Max.Length=18meters

最大负载=1500Kg
Max.Load=1500Kg



特征/应用 Features/application

模块化设计, 模具化部件, 维护方便, 输送能力较大, 适用于中重载;
Modular design, molded components, easy maintenance, Large conveying capacity, Suitable for medium to heavy loads;
机身为有标准槽口的高强度铝合金型材, 方便输送机安装在其他设备上或者在输送机上安装其它附件(如传感器、支架等);
High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc);
配合顶升横移、转台及升降机使用, 实现柔性自动化循环控制;
Used in conjunction with jacking and traversing, turntables and elevators to achieve flexible automated cycle control;
使用环境清洁度: 十万级;
Cleanliness of the operating environment: Class 100000;
应用范围: 工厂自动化、汽车零部件、电子等。
Application scope: Factory Automation, Automobile Parts, Electronics etc.

订购 Ordering

BF3Q - M - V - Bwt - L - H - N - OP - F1 - C1 - SR

M: 满载负载
M: Max.Load Capacity
V: 托盘运行速度(2-20m/min 推荐作业速度 8-16m/min)
V: Curve conveying speed (2-20m/min, recommended operating speed 8-16m/min)
Bwt: 托盘宽度
Bwt: Pallet width
L: 线体长度
L: Conveyor length
H: 线体水平高度(最小高度不小于 350mm, 当数值为 0 时表示不含支腿)
H: Conveyor Height (minimum height ≥ 350mm, gure 0 means no support leg)
N: 支腿数量 (支腿间距 1000mm-1200mm 之间)
N: Number of support leg(spacing between stand supports between 1000mm-1200mm)
OP: 电机位置(如图 1-1 所示)
OP: Motor Position(as gure1-1)
F1: 电机方向(如图 1-2 所示)
F1: Motor direction (as gure1-2)
C1: 链条种类(C1 钢质轮链条, C2 尼龙轮链条)
C1: Chain Type (C1 steel chain, C2 nylon wheel chain)
SR: 特殊要求
SR: Special Requirement

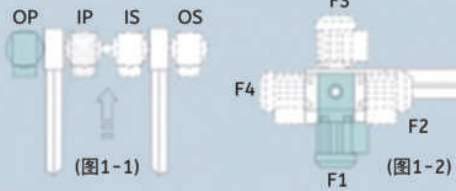
Example 订货范例 :

BF3Q - M60-V15-Bwt600-L5000-H800-N8-OP-F1-C1 -SR

BF3Q 3 倍速轻载输送线 -- 负载 60kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 钢质轮链条

BF3Q Toothed Twin-belt conveyor-loading 60kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm--conveyor height 800mm-- Number of legs 8 -motor position outside and left--motor direction F1-Drive position End Drive

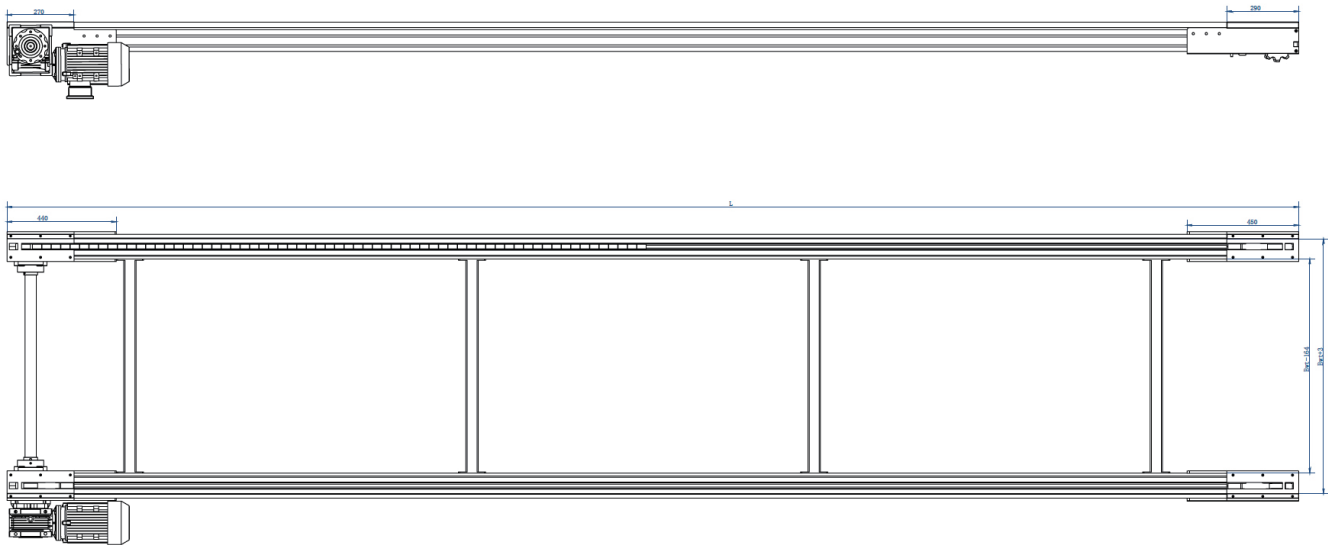
电机布局 Motor Layout



电机接线盒默认方向如图所示，如有特殊要求请来电咨询。
The direction of motor terminal box as figure indicated, and please contact us if special request needed.

BF3Z 3倍速重载输送系统

BF3Z 3 SPEED HEAVY-DUTY CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ， 禁止反向输送)

Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

规格配置 Specification

产品名称 Product Name	3倍速重载输送机 3 speed heavy-duty conveyor
线体长度 Conveyor Length	1500 ≤ L ≤ 20000mm
托盘宽度 Pallet Width	320 ≤ Bwt ≤ 1500mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	3000kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 20m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	积放链条 Accumulation chain
线体长度承载能力 Conveyor Length carrying capacity	≤ 3.5kg/cm

特征/应用 Features/application

模块化设计，模块化部件，维护方便，输送能力较大，适用于重度负载；

Modular design, molded components, easy maintenance, Large conveying capacity, Suitable for heavy loads;

机身有标准槽口的高强度铝合金型材，方便输送机安装在其他设备上或者在输送机上安装其它附件(如传感器、支架等)；

High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc.)；

配合顶升横移、转台及升降机使用，实现柔性自动化循环控制；

Used in conjunction with jacking and traversing, turntables and elevators to achieve flexible automated cycle control；

使用环境清洁度：十万级；

Cleanliness of the operating environment: Class 100000;

使用环境温度：-10° C~+80° C；

Operating environment temperature: -10 ° C~+80 ° C；

应用范围：工厂自动化、汽车零部件、电子等。

Application scope: Factory Automation, Automobile Parts ,Electronics etc.

订购 Ordering

BF3Z - M - V - Bwt - L - H - N - OP - F1 - C1 - SR

M: 满载负载

M: Max.Load Capacity

V: 托盘运行速度(2-20m/min 推荐作业速度 8-16m/min)

V: Curve conveying speed (2-20m/min, recommended operating speed 8-16m/min)

Bwt: 托盘宽度

Bwt: Pallet width

L: 线体长度

L: Conveyor length

H: 线体水平高度(最小高度不小于 350mm,当数值为 0 时表示不含支腿)

H: Conveyor Height (minimum height ≥ 350mm, gure 0 means no support leg)

N: 支腿数量 (支腿间距 1000mm-1200mm 之间)

N: Number of support leg(spacing between stand supports between 1000mm-1200mm)

OP: 电机位置(如图 1-1 所示)

OP: Motor Position(as gure1-1)

F1: 电机方向(如图 1-2 所示)

F1: Motor direction (as gure1-2)

C1: 链条种类(C1 钢质轮链条、)

C1: Chain Type(C1 steel chain)

SR: 特殊要求 SR: Special Requirement

Example 订货范例：

BF3Z - M60-V15-Bwt600-L5000-H800-N8-OP-F1-C1 -SR

BF3Z 3 倍速重载输送线 -- 负载 60kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 钢质轮链条

BF3Z Toothed Twin-belt conveyor-loading 60kg-conveyor speed 15m/min-pallet width 600mm--conveyor length 5000mm--conveyor height 800mm— Number of legs 8-motor position outside and left—motor direction F1-Drive position End Drive

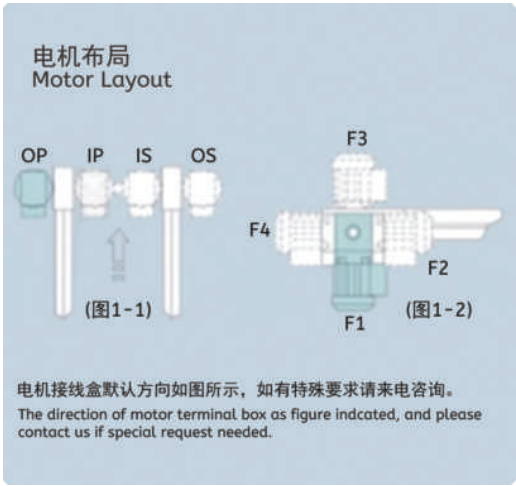
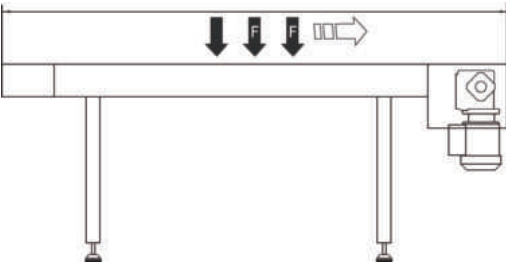
负载能力 Load capacity

最大长度=20米

最大负载=3000Kg

Max.Length=20meters

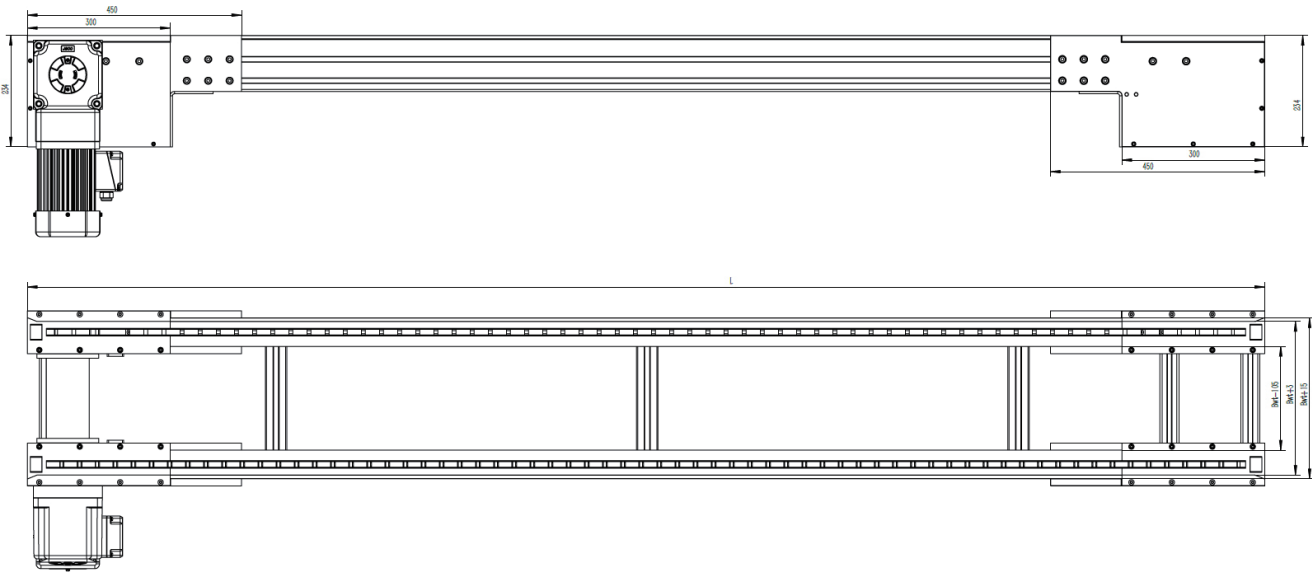
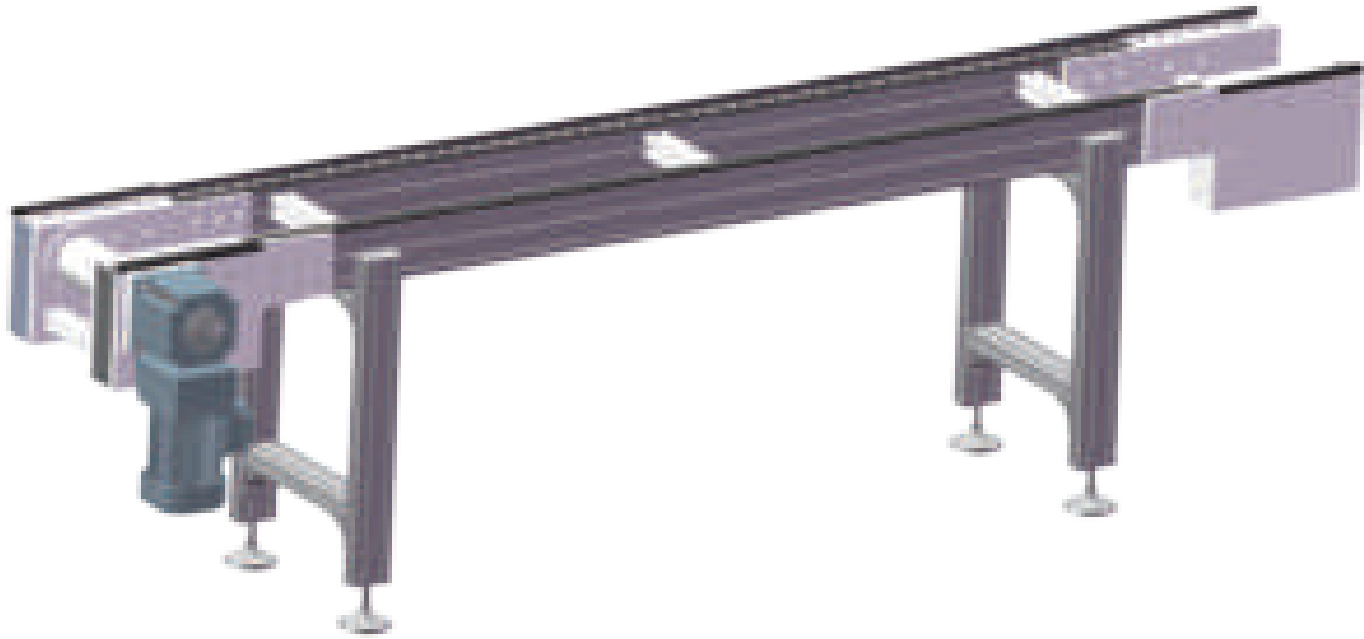
Max.Load=3000Kg



电机接线盒默认方向如图所示，如有特殊要求请来电话咨询。
The direction of motor terminal box as figure indcated, and please contact us if special request needed.

BF4重载托盘输送系统

BF4 HEAVY DUTY PALLET CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ， 禁止反向输送)
Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden

规格配置 Specification

产品名称 Product Name	BF4重载输送机 BF4 heavy-duty conveyor
线体长度 Conveyor Length	1600 ≤ L ≤ 20000mm
托盘宽度 Pallet Width	320 ≤ Bwt ≤ 1600mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	2000kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 20m/min
驱动方式 Driving Model	直接驱动 Direct drive
传输介质 Conveyor Belt	积放链条 Accumulation chain
线体长度承载能力 Conveyor Length carrying capacity	≤ 2.0kg/cm

特征/应用 Features/application

模块化设计，模具化部件，维护方便，输送能力较大，适用于重度负载；
Modular design, molded components, easy maintenance, Large conveying capacity, Suitable for heavy loads;
机身有标准槽口的高强度铝合金型材，方便输送机安装在其他设备上或者在输送机上安装其它附件(如传感器、支架等)；
High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc)；
配合顶升横移、转台及升降机使用，实现柔性自动化循环控制；
Used in conjunction with jacking and traversing, turntables and elevators to achieve flexible automated cycle control；
使用环境清洁度：十万级；
Cleanliness of the operating environment: Class 100000；
使用环境温度：-10° C~+80° C；
Operating environment temperature: -10 ° C~+80 ° C；
应用范围：工厂自动化、汽车零部件、电子等。
Application scope: Factory Automation, Automobile Parts ,Electronics etc.

订购 Ordering

BF4 - M - V - Bwt - L - H - N - OP - F1 - C1 - SR

M: 满载负载
M: Max.Load Capacity
V: 托盘运行速度(20m/min,推荐作业速度6-18m/min)
V: Curve conveying speed (20m/min, recommended operating speed 6-18m/min)
Bwt: 托盘宽度
Bwt: Pallet width
L: 线体长度
L: Conveyor length
H: 线体水平高度（输送面水平高度不小于350mm,H为0时表示不含支腿）
H: Conveyor Height (minimum height ≥ 350mm, gure 0 means no support leg)
N: 支腿数量（支腿间距1000mm-1200mm之间）
N: Number of support leg(spacing between stand supports between 1000mm-1200mm)
OP: 电机位置(如图1-1所示)
OP: Motor Position(as gure1-1)
F1: 电机方向(如图1-2所示)
F1: Motor direction (as gure1-2)
C1: 链条种类(C1 钢质轮链条、C2 尼龙轮链条、C3 免维护镀镍链条、C4 不锈钢链条)
C1: Chain Type(C1 steel chain,C2 nylon wheel chain,C3 Maintenance free nickel plated chain,C4 Stainless Steel Chain)
SR: 特殊要求
SR: Special Requirement

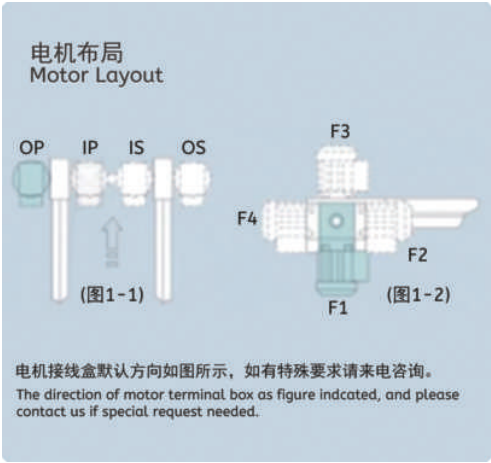
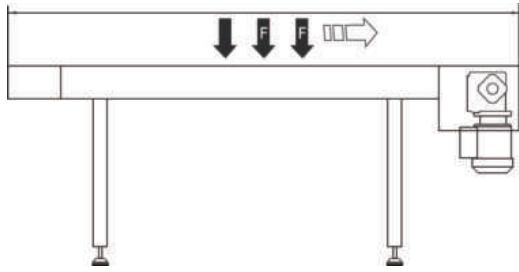
Example 订货范例：

BF4 -M60-V15-Bwt600-L5000-H800-N8-OP-F1-C1-SR
BF4 重载托盘输送线 -- 负载 60kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm-- 支腿数量 8 个 -- 电机位置线体左侧 -- 电机方向 F1- 钢质轮链条

BF4 Toothed Twin-belt conveyor-loading 60kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm--conveyor height 800mm--Number of legs 8 --motor position outside and left--motor direction F1-Drive position End Drive

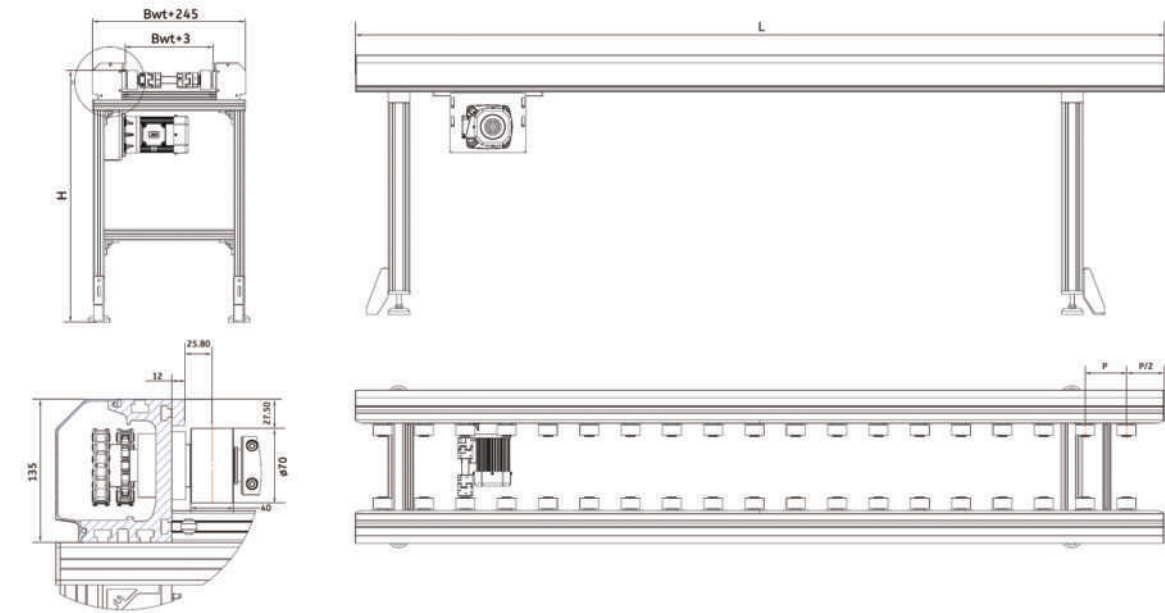
负载能力 Load capacity

最大长度=20米
Max.Length=20meters
最大负载=2000Kg
Max.Load=2000Kg



BF5辊道托盘输送系统

BF5 ROLLER PALLET CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ，如反向输送请提前沟通)

Workpiece pallets should be conveyed toward a drive unit

输送方向有特殊要求需经过我们事先认可, 否则主线异常及相关机构将无法保修

There are special requirements for the conveying direction that require our prior approval, otherwise the main line is abnormal and relevant institutions will not be able to guarantee it

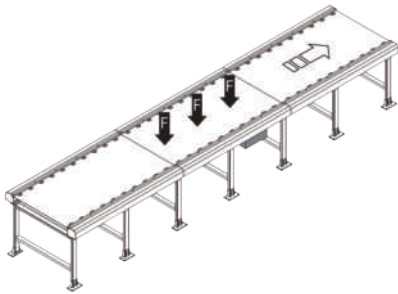
规格配置 Specification

产品名称 Product Name	BF5辊道托盘输送机 BF5 Roller pallet conveyor
线体长度 Conveyor Length	1000 ≤ L ≤ 6000mm
托盘宽度 Pallet Width	300 ≤ Bwt ≤ 1200mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max. load capacity	3000kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 15m/min
驱动方式 Driving Model	链条 Chain
传输介质 Conveyor Belt	辊轮 Roller
辊轮间距 Roller spacing	158/196/247mm

负载能力 Load capacity

最大长度=6米
Max. Length=6meters

最大负载=3000Kg
Max. Load=3000Kg



特征/应用 Features/application

模块化设计，可与标准单元拼接（标准单元长度根据辊轮间距而定，分别为1905mm, 1968mm, 1981mm）；
Modular design, Can be spliced with standard units (the length of standard units is determined by the distance between rollers, which is 1905mm, 1968mm, 1981mm respectively)；
适合重载托盘输送，托盘可实现柔性自动化循环控制；
Suitable for heavy-duty tray transportation, the tray can achieve xible automated cycle control；
使用环境清洁度：十万级；
Cleanliness of the operating environment: Class 100000；
使用环境温度：-10° C~+80° C；
Operating environment temperature: -10 ° C~+80 ° C；
应用范围：重载自动装配检测生产线(汽车发动机、差速器等)
Application scope: heavy-duty automatic assembly and testing production line (automotive engine, differential, etc.)

订购 Ordering

BF5 - M - V - Bwt - L - H - N - R - SR

M: 满载负载
M: Max. Load Capacity
V: 托盘输送速度(3-15m/min, 推荐作业速度 6-12m/min)
V: Curve conveying speed (3-15m/min, recommended operating speed 6-12m/min)
Bwt: 托盘宽度
Bwt: Pallet width
L: 线体长度
L: Conveyor length
H: 线体水平高度(推荐高度 800mm)
H: Conveyor Height (Recommended height 800mm)
N: 支腿数量（支腿间距 1000mm-1200mm 之间）
N: Number of support leg(spacing between stand supports between 1000mm-1200mm)
R: 辊轮间距(158/197/247))
R: Roller spacing (158/197/247)
SR: 特殊要求
SR: Special Requirement

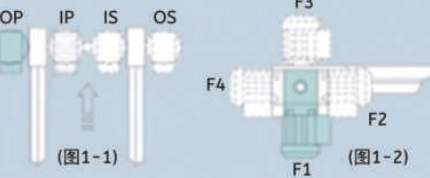
Example 订货范例：

BF5 -M60-V15-Bwt600-L5000-H800-N8-R197

BF5 辊道托盘输送线 -- 负载 60kg-- 输送速度 15m/min- 托盘宽度 600mm-- 输送长度 5000mm-- 输送线高度 800mm- 支腿数量 8 个 -- 电机位置线体左侧

BF5 Toothed Twin-belt conveyor-loading 60kg-conveyor speed 15m/min-pallet width 600mm-conveyor length 5000mm--conveyor height 800mm-- Number of legs 8 -motor position outside and left

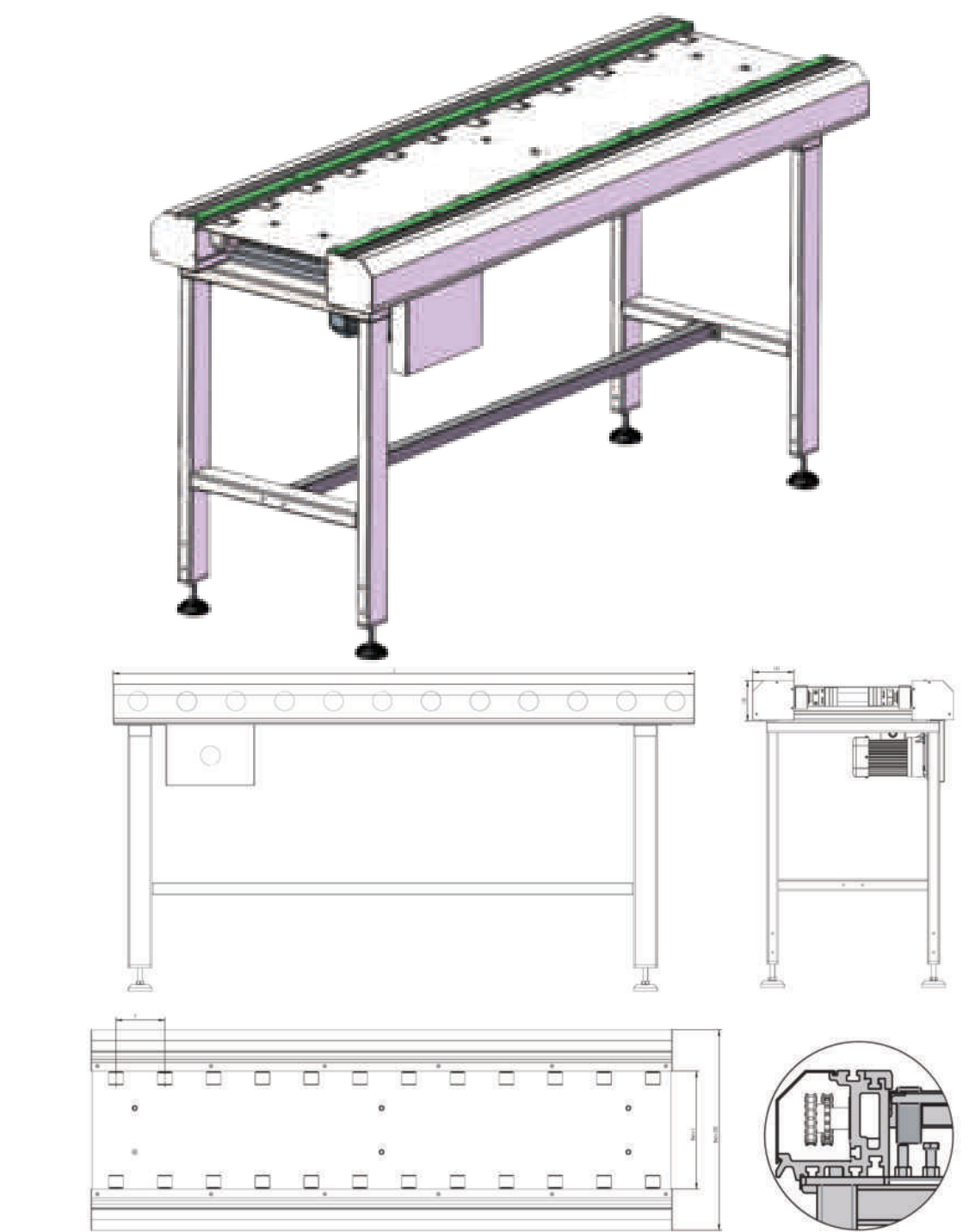
电机布局 Motor Layout



电机接线盒默认方向如图所示，如有特殊要求请来电咨询。
The direction of motor terminal box as figure indcated, and please contact us if special request needed..

BF5-A双支撑辊道托盘输送系统

BF5-A DUAL SUPPORT ROLLER PALLET CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ， 如反向输送请提前沟通)

Workpiece pallets should be conveyed toward a drive unit

输送方向有特殊要求需经过我们事先认可, 否则主线异常及相关机构将无法保修

There are special requirements for the conveying direction that require our prior approval, otherwise the main line is abnormal and relevant institutions will not be able to guarantee it

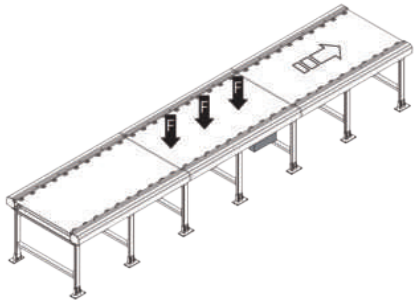
规格配置

产品名称 Product Name	BF5-A辊道托盘输送机 BF5-A Roller pallet conveyor
线体长度 Conveyor Length	1000 ≤ L ≤ 4500mm
托盘宽度 Pallet Width	300 ≤ Bwt ≤ 1200mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	4000kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 15m/min
驱动方式 Driving Model	链条 Chain
传输介质 Conveyor Belt	辊轮 Roller
辊轮间距 Roller spacing	158/196/247mm

负载能力

最大长度=4. 5米
Max. Length=4. 5meters

最大负载=4000Kg
Max. Load=4000Kg



特征/应用

模块化设计，可与标准单元拼接（标准单元长度根据辊轮间距而定，分别为1905mm, 1968mm, 1981mm）；
Modular design, Can be spliced with standard units (the length of standard units is determined by the distance between rollers, which is 1905mm, 1968mm, 1981mm respectively);

适合重载托盘输送，托盘可实现柔性自动化循环控制；
Suitable for heavy-duty tray transportation, the tray can achieve exible automated cycle control;

使用环境清洁度：十万级；
Cleanliness of the operating environment: Class 100000;

使用环境温度：-10° C~+80° C；
Operating environment temperature: -10 ° C~+80 ° C;

应用范围：重载自动装配检测生产线(汽车发动机、差速器、栈板堆包等)
Scope of application: Heavy-duty automatic assembly and inspection production line (automotive engine, differential, pallet stacking, etc.)

订购

BF5-A - M - V - Bwt - L - H - N - R - SR

M: 满载负载
M: Max.Load Capacity
V: 托盘输送速度(3-15m/min, 推荐作业速度 6-12m/min)
V: Curve conveying speed (3-15m/min, recommended operating speed 6-12m/min)
Bwt: 托盘宽度
Bwt: Pallet width
L: 线体长度
L: Conveyor length
H: 线体水平高度(推荐高度 800mm)
H: Conveyor Height (Recommended height 800mm)
N: 支腿数量 (支腿间距 1000mm-1200mm 之间)
N: Number of support leg(spacing between stand supports between 1000mm-1200mm)
R: 辊轮间距(158/197/247))
R: Roller spacing (158/197/247)
SR: 特殊要求
SR: Special Requirement

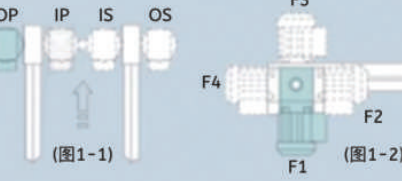
Example 订货范例：

BF5-A -M1000-V15-Bwt600-L5000-H800-N8-R197

BF5-A 链条输送摩擦辊道线 -- 载重 1000kg-- 输送速度 6m/min-- 托盘宽度 800mm-- 输送长度 5000mm-- 输送高度 800mm-- 支腿数量 8- 辊轮间距 R197mm

BF5-A Chain drive drum roller conveyor--loading 1000kg--conveyor speed 6m/min--pallet width 800mm- conveyor length 5000mm-- conveyor height 800mm-- Number of legs 8 ---Roller spacing R197mm

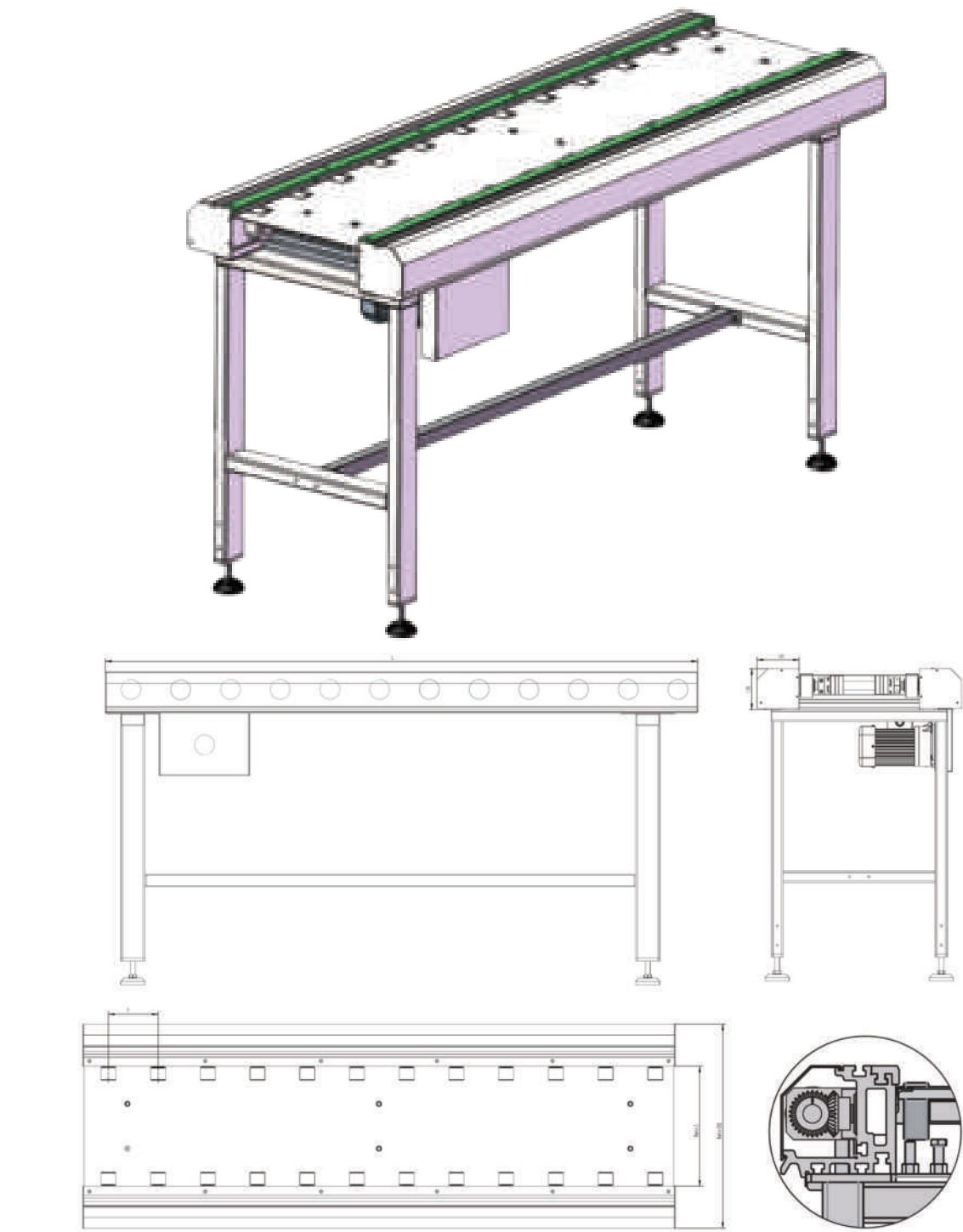
电机布局



电机接线盒默认方向如图所示，如有特殊要求请来电咨询。
The direction of motor terminal box as figure indcated, and please contact us if special request needed.

BF5-B伞齿轮辊道托盘输送系统

BF5-B ROLLER PALLET CONVEYING SYSTEM



*(必须按照图示方向输送托盘 ,) 如反向输送请提前沟通)

Workpiece pallets should be conveyed toward a drive unit

输送方向有特殊要求需经过我们事先认可, 否则主线异常及相关机构将无法保修

There are special requirements for the conveying direction that require our prior approval, otherwise the main line is abnormal and relevant institutions will not be able to guarantee it

规格配置 Specification

产品名称 Product Name	BF5-B伞齿轮辊道托盘输送机 BF5-B Roller pallet conveyor
线体长度 Conveyor Length	1000 ≤ L ≤ 4500mm
托盘宽度 Pallet Width	300 ≤ Bwt ≤ 1200mm
线体高度 Conveyor Height	高度可指定 Height can be speci ed
最大负载能力 Max.load capacity	4000kg
最大满载运行速度 Max. speed in full-load	Vmax ≤ 15m/min
驱动方式 Driving Model	伞齿轮 Bevel Gear
传输介质 Conveyor Belt	辊轮 Roller
辊轮间距 Roller spacing	158/196/247mm

特征/应用 Features/application

模块化设计, 可与标准单元拼接 (标准单元长度根据辊轮间距而定, 分别为1905mm, 1968mm, 1981mm) ;
Modular design, Can be spliced with standard units (the length of standard units is determined by the distance between rollers, which is 1905mm, 1968mm, 1981mm respectively);

适合重载托盘输送, 托盘可实现柔性自动化循环控制;

Suitable for heavy-duty tray transportation, the tray can achieve exible automated cycle control;

使用环境清洁度: 十万级;

Cleanliness of the operating environment: Class 100000;

使用环境温度: -10° C~+80° C;

Operating environment temperature: -10 ° C~+80 ° C;

应用范围: 重载自动装配检测生产线 (汽车发动机、差速器等)

Application scope: heavy-duty automatic assembly and testing production line (automotive engine, differential, etc.)

订购 Ordering

BF5-B - M - V - Bwt - L - H - N - R - SR

M: 满载负载

M: Max.Load Capacity

V: 托盘输送速度(3-15m/min, 推荐作业速度 6-12m/min)

V: Curve conveying speed (3-15m/min, recommended operating speed 6-12m/min)

Bwt: 托盘宽度

Bwt: Pallet width

L: 线体长度

L: Conveyor length

H: 线体水平高度(推荐高度 800mm)

H: Conveyor Height (Recommended height 800mm)

N: 支腿数量 (支腿间距 1000mm-1200mm 之间)

N: Number of support leg(spacing between stand supports between 1000mm-1200mm)

R: 辊轮间距(158/197/247))

R: Roller spacing (158/197/247)

SR: 特殊要求

SR: Special Requirement

Example 订货范例 :

BF5-B - M1000-V6-Bwt800-L3000-H800-N8-R197

BF5-B 伞齿输送摩擦辊道线 -- 载重 1000kg-- 输送速度 6m/min-- 托盘宽度 800mm-- 输送长度 5000mm-- 输送高度 800mm-- 支腿数量 8-- 辊轮间距 197mm

BF5-B Chain drive drum roller conveyor--loading 1000kg--conveyor speed 6m/min--pallet width 800mm- conveyor length 5000mm-- conveyor height 800mm-- Number of legs 8 ---Roller spacing 197mm

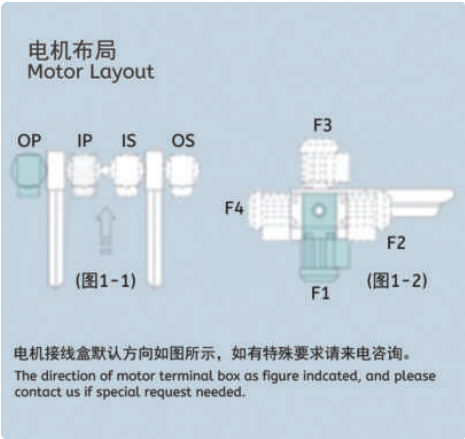
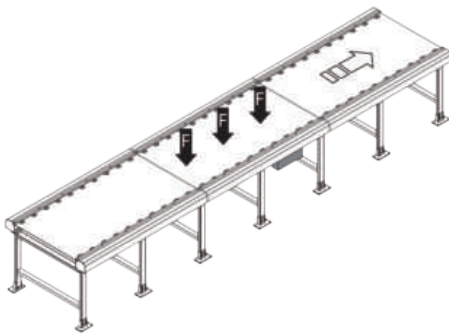
负载能力 Load capacity

最大长度=4.5米

Max.Length=4.5meters

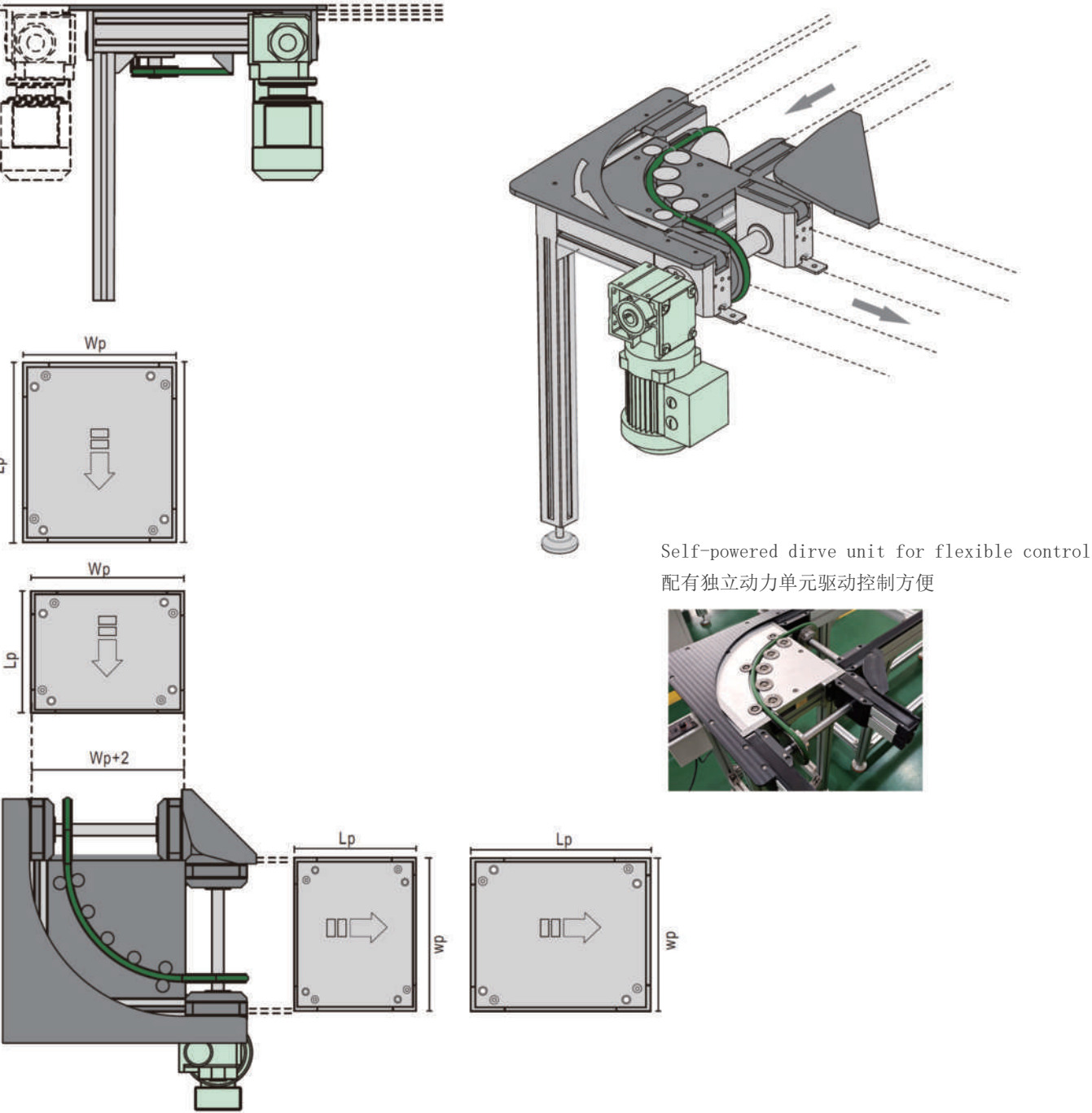
最大负载=4000Kg

Max.Load=4000Kg



BF 90° 圆带转弯机

BF 90° ROUND BELT CURVE



Self-powered dirve unit for flexible control
配有独立动力单元驱动控制方便

单个托盘满载总重量 ≤20kg;

Maximum load capacity per pallet ≤ 20kg

90° 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;

90° curve conveying of the workpiece pallet one by one without accumulation operation

输送托盘的长 宽比不可超过1.5倍 (Lp/Wp≤1.5);

Length-width ratio cannot exceed 1.5time of the pallet itself(Lp/Wp 1.5)

托盘最大宽度不超过320mm;

Pallet width can not exceed 320mm

圆带转弯机构速度是对接输送线速度的1.5倍。

Round belt device speed must bel.5 times as butt conveyors

特征/应用

模块化设计、独立部件、结构简单、组装便捷、维护方便;

Modular design,individual components,simple construction,easy assemble and maintenance

可实现宽度在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;

Standard pallet within width of 320mm or below can be conveyed throught 90° curve without turning direction

若有更大宽度托盘转弯输送的需要,建议使用30KG转台;

Wider pallet conveyance if needed,Suggest using a 30KG turntable

边框为有标准槽口的高强度铝合金型材,方便将输送机安装在其他设备上或在输送机上安装其它附件(如传感器、支架等)。

High intensity aluminum pro le with standard slot on border,for easy to be assembled on other equipment or assemble other components(like sensor,bracket etc)

订购

BF90° -CW - WP - LP - H - V - SR

CW: Direction of rotation (CW=clockwise, AW=anticlockwise) 旋转方向 (CW=顺时针, AW=逆时针)

WP: Pallet width of main conveyor主线体的输送托盘宽度

LP: Pallet length of main conveyor 主线体的输送托盘长度

H: Convey Height输送面水平高度

V: Curve conveying speed 托盘运行速度

SR: Special Requirement 特殊要求

Example 订货范例 :

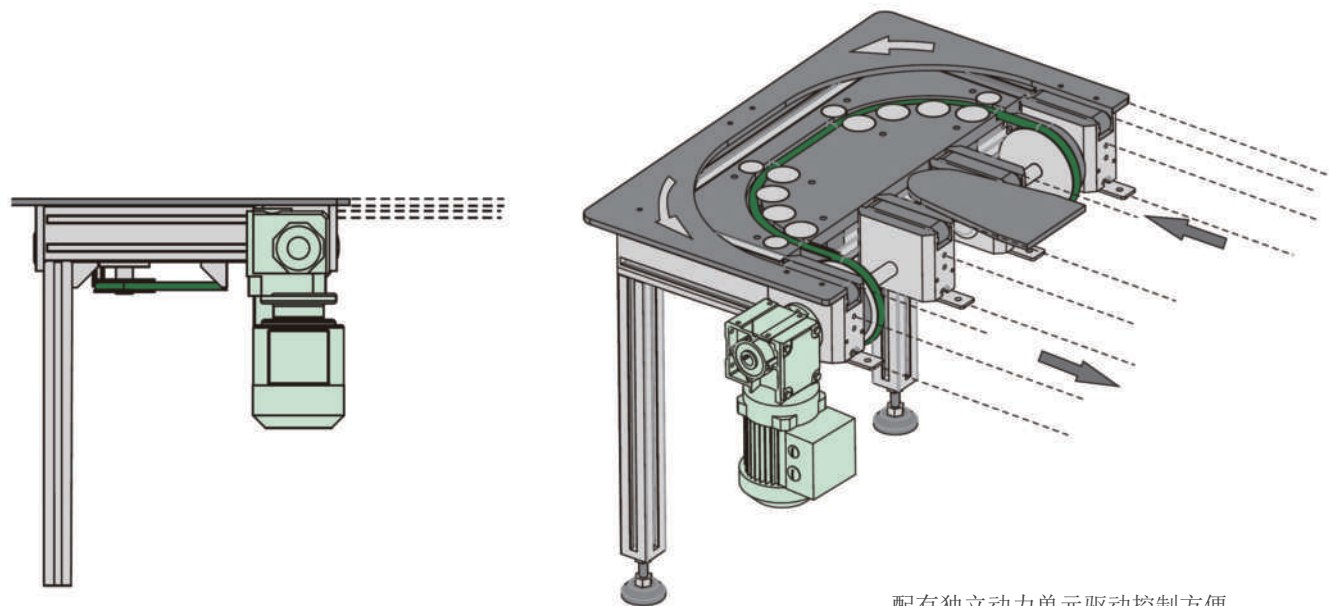
BF 90 -CW-WP240-LP320- H800-V15

90° 圆带转弯--旋转方向顺时针--输送托盘宽度240mm--输送托盘长度320mm--输送水平高度800mm--托盘运行速度15m/min。

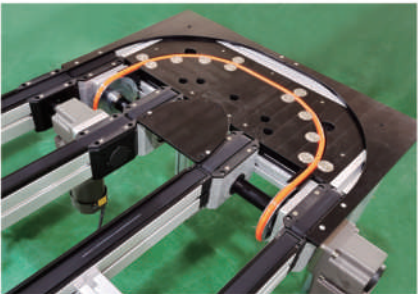
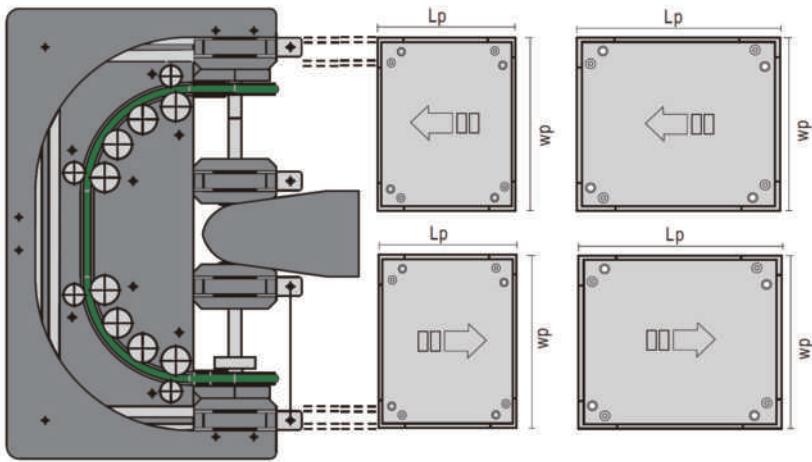
BF 90° round belt curve --Rotation direction clockwise--Pallet width 240mm --pallet length 320mm-transport height 800mm--curve conveying speed 15m/min。

BF 180° 圆带转弯机

BF 180° ROUND BELT CURVE



配有独立动力单元驱动控制方便。
Self-powered dirve unit for flexi-ble control



单个托盘满载总重量≤20kg;
Maximum load capacity per pallet ≤ 20kg

180° 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；
180° curve conveying of the workpiece pallet one by one without accumulation operation

输送托盘的长、宽比不可超过1.5倍 (Lp/Wp≤1.5)；
Length-width ratio cannot exceed 1.5time of the pallet itself(Lp/Wp≤1.5)

托盘最大宽度不超过320mm；
Pallet width can not exceed 320mm

圆带转弯机构速度是对接输送线速度的1.5倍。
Round belt device speed must bel.5 times as butt conveyors

特征/应用 Features/application

模块化设计、独立部件、结构简单、组装便捷、维护方便；
Modular design,individual components,simple construction,easy assemble and maintenance

可实现宽度在 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；
Standard pallet within width of 320mm or below can be conveyed throught 180° curve without turning direction

若有更大宽度托盘转弯输送的需要,建议使用 30KG 转台；
Wider pallet conveyance if needed,Suggest using a 30KG turntable

边框为有标准槽口的高强度铝合金型材,方便将输送机安装在其他设备上或在输送机上安装其它附件（如传感器、支架等）。
High intensity aluminum pro le with standard slot on border,for easy to be assembled on other equipment or assemble other components(like sensor,bracket etc)

订购 Ordering

BF180° -CW - WP - LP - H - V - SR

CW: Direction of rotation (CW=clockwise, AW=anticlockwise) 旋转方向 (CW=顺时针, AW=逆时针)
WP: Pallet width of main conveyor主线体的输送托盘宽度
LP: Pallet length of main conveyor 主线体的输送托盘长度
H: Convey Height输送面水平高度
V: Curve conveying speed 托盘运行速度
SR: Special Requirement 特殊要求

Example 订货范例：

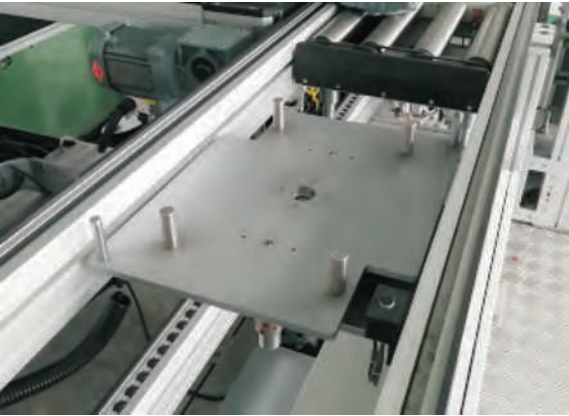
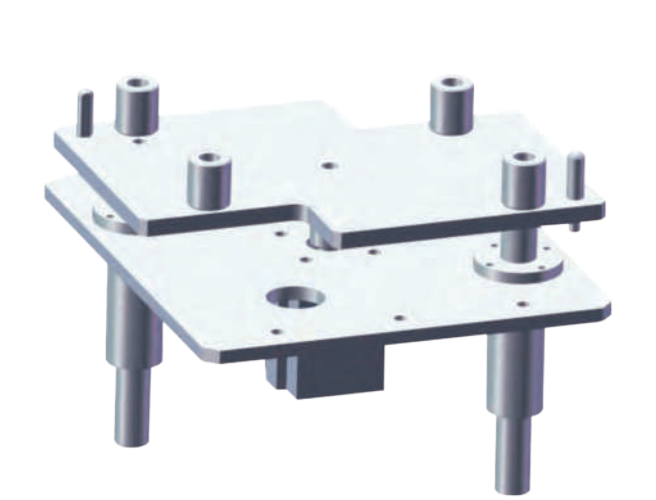
BF 180 - CW-WP240-LP320- H800-V15

180° 圆带转弯—旋转方向顺时针—输送托盘宽度240mm—输送托盘长度320mm—输送水平高度800mm—托盘运行速15m/min。

BF 180° round belt curve —Rotation direction clockwise—Pallet width 240mm —pallet length 320mm—transport height 800mm—curve conveying speed 15m/min。

BFL 顶升定位

BFL LIFT&LOCATING UNIT



- ★ 单个托盘满载总重量≤150kg；
Maximum load capacity per pallet ≤150kg
顶升定位机构不包含挡停机构。
positioner doesn't contain block mechanism

特征/应用 Features/application

模块化设计、独立部件、结构简单、组装便捷、维护方便；
Modular design,individual components,simple construction,easy assemble and maintenance

定位精准±0.2mm,在加工工位上定位工件托盘；
Position accuracy ±0.2mm, locate the pallet on work place

通过定位销定位于托盘上的定位套定位。
To locate with position pin on the pallet

订购 Ordering

BFL-M-WP-LP-SR

- M: Loading负载
- WP: Pallet width of main conveyor主线体的输送托盘宽度
- LP: Pallet length of main conveyor 主线体的输送托盘长度
- SR: Special Requirement 特殊要求

Example 订货范例：

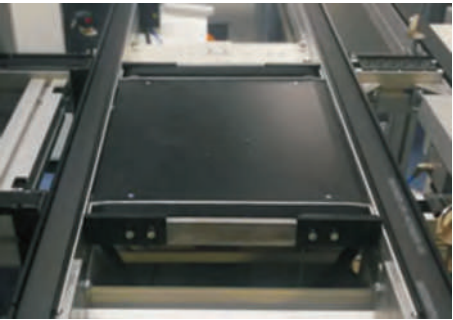
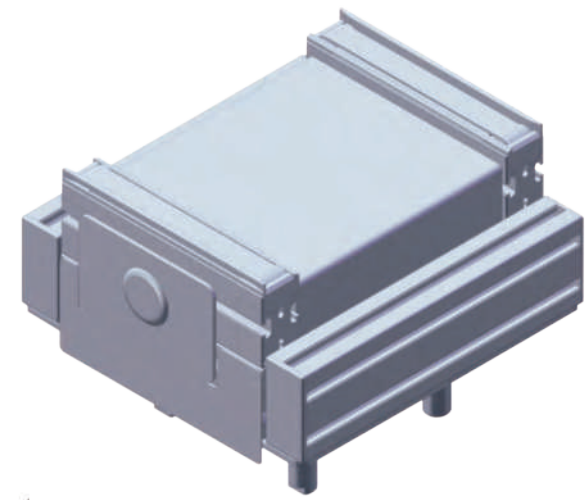
BFL -M30-WP320-LP320- SR

BFL Lift&Locating unit --loading 30kg--pallet width of main conveyor 320mm- pallet length of main conveyor 320mm

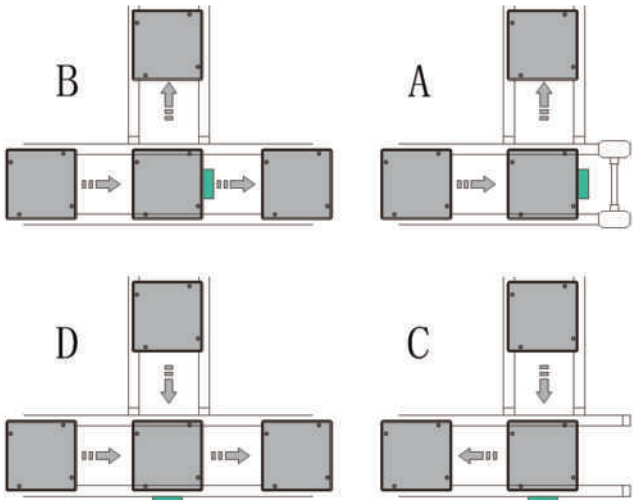
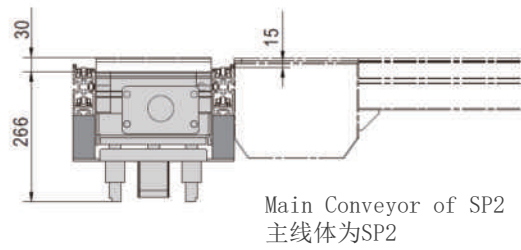
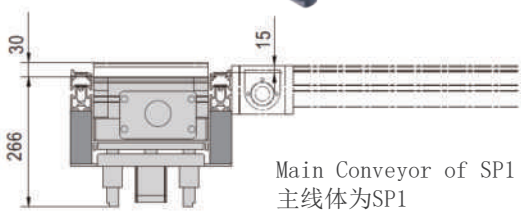
顶升定位--负载30kg--主线体的输送托盘宽度320mm--主线体的输送托盘长度320mm。

BFT1 顶升横移

BFT1 LIFT&TRANSVERSE UNIT



- ★ 单个托盘满载总重量≤100kg；
Maximum load capacity per pallet ≤100kg
顶升横移不包含挡停机构。
Lift positioner doesn't contain block mechanism



订购 Ordering

BFT1-M-WP-LP-V-SR

- M: Loading负载
- WP: Pallet width of main conveyor主线体的输送托盘宽度
- LP: Pallet length of main conveyor 主线体的输送托盘长度
- SR: Special Requirement 特殊要求

Example 订货范例：

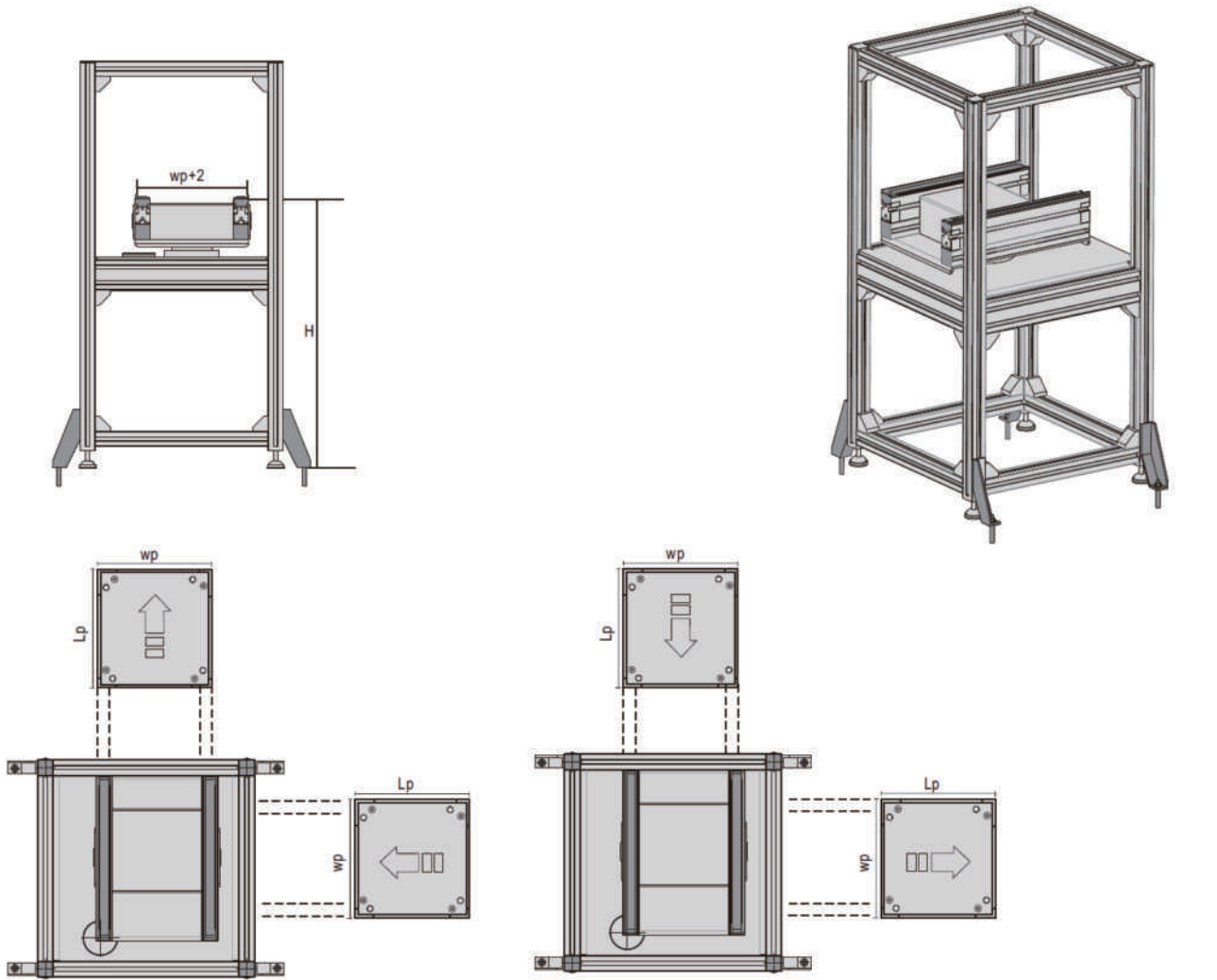
BFT1 -M30-WP320-LP320- V10- SR

顶升横移--负载30kg--主线体的输送托盘宽度320mm--主线体的输送托盘长度320mm--托盘运行速度10m/min。

BFT1 Lift and transverse unit1 -loading 30kg--pallet width of main conveyor 320mm--pallet length of main conveyor 320mm- conveyor speed 10m/min.

BFT2转台

BFT2 TURN TABLE



选型时须注意：H≥h+Hp+90mm；

Pay attention when selecting: H≥h+Hp+90mm

为保证机构转动平稳，标配气控单向阀，当托盘长宽≤320mm时，旋转90°用时≥2s，当托盘长宽>320mm且<480mm时，旋转90°用时≥3s，若有特殊要求请来电咨询。

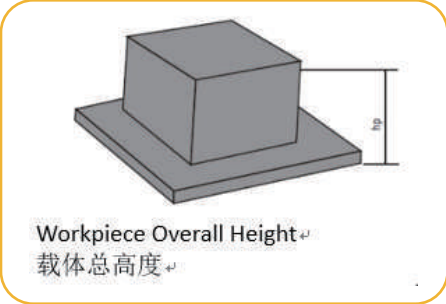
Rotation 90° ≥2s when the pallet length/width≤320mm, rotation 90° ≥3s when the pallet length/width >320mm and <480mm,and please contact us for special request.

输送托盘的长、宽比不可超过1.5倍（Lp/Wp≤1.5）；

The length and width ratio of the conveying pallet should not exceed 1.5 times (Lp/Wp≤1.5)

单个托盘满载总重量≤30kg

Maximum load capacity per pallet ≤30kg



特征/应用

模块化设计、独立部件、结构简单、组装便捷、维护方便；

Modular design,individual components,simple construction,easy assemble and maintenance

铝型材框架结构标准气动/电动旋转，可实现宽度托盘输送的90°转弯，不改变托盘的输送方向；

The aluminum profile frame structure has standard pneumatic/electric rotation, which can realize 90° turns for wide pallet transportation without changing the transportation direction of the pallet;

边框为有标准槽口的高强度铝合金型材，方便将输送机安装在其他设备上或在输送机上安装其它附件（如传感器、支架等）；

High intensity aluminum profile with standard slot on border,for easy to be assembled on other equipment or assemble other components(like sensor,bracket etc)

传输介质为防静电型齿形带。

Conveying medium is anti-static toothed belt

订购

BFT2- M - PN - Wp - LP - H - hp - V - SR

M: Loading负载

PN: Pneumatic Rotation (For 0° and 90° rotation) 气动旋转(只能实现0°和90°两个位置旋转)

Wp: Pallet width 输送托盘宽度

LP: Pallet length 输送托盘长度

H: Convey Height输送面水平高度

hp: Workpiece Overall Height 载体总高度

V: Pallet conveying speed托盘运行速度

SR: Special Requirement 特殊要求

Example 订货范例：

BFT2 - M30-PN-Wp320- Lp400- H800- hp200- V10

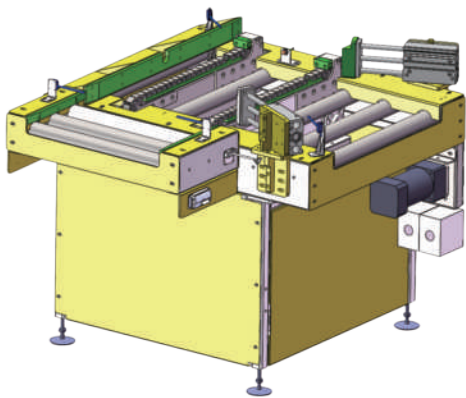
BFT2 转台 -- 载重30kg-- 气动旋转 -- 输送托盘宽度320mm-- 输送托盘长度400mm-- 输送水平高800mm--

载体总高度为200mm-- 托盘运行速度10m/min。

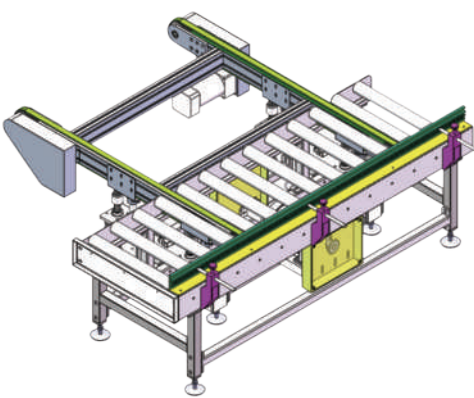
BFT2 Turn table --loading 30kg--Pneumatic Rotation--Pallet width 320mm -pallet length 400mm-transport height 800mm--workpiece Overall Height 200mm-- Pallet conveying speed 10m/min.

其他形式移载机

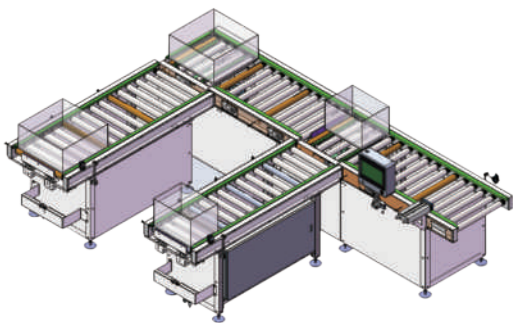
CONVEY SYSTEM OVERVIEW



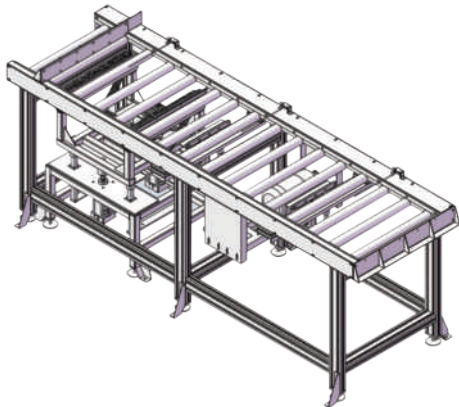
PLT-1



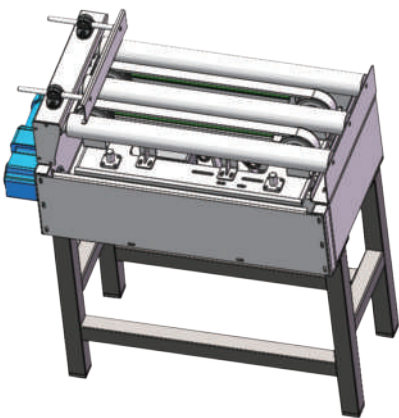
PLT-2



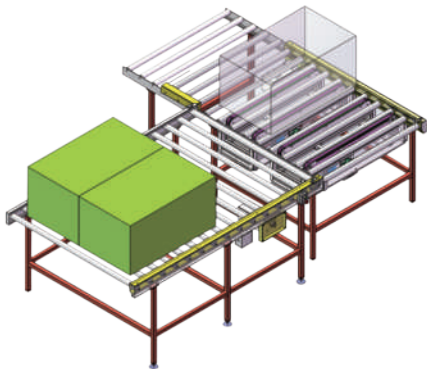
PLT-3



PLT-4



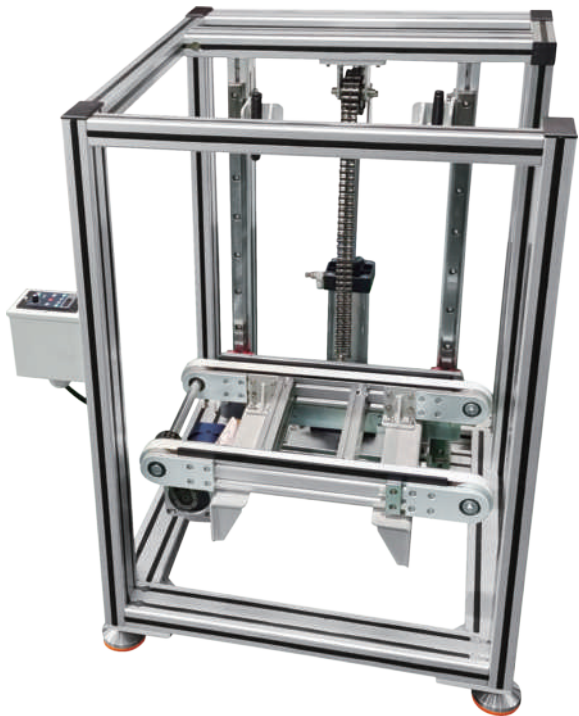
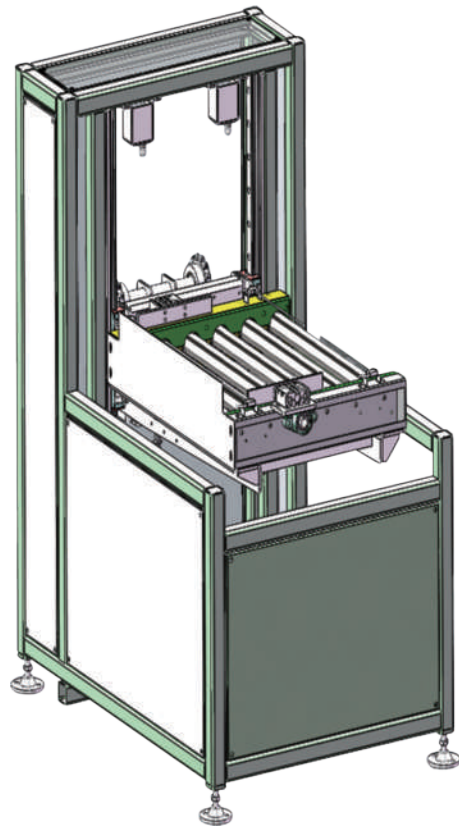
PLT-5



PLT-6

BFF1气缸升降机

BFF1 TURN TABLE



单个托盘满载总重量≤60kg
Maximum load capacity per pallet ≤60kg

订购 Ordering

BFF1- PN - Wp - LP - ha - hb - V - SR

PN: PN/ED PN=Pneumatic drive lift气动升降, ED=Electrical drive lift电动升降

Wp: Pallet width 输送托盘宽度

LP: Pallet length 输送托盘长度

ha: Transport Height of Lower Conveyor 下层线体输送面水平高度

hb: Transport Height of Upper Conveyor上层线体输送面水平高度

V: Pallet conveying speed托盘运行速度

SR: Special Requirement 特殊要求

Example 订货范例：

BFF1 - PN-Wp320- Lp320- ha350- hb750- V10

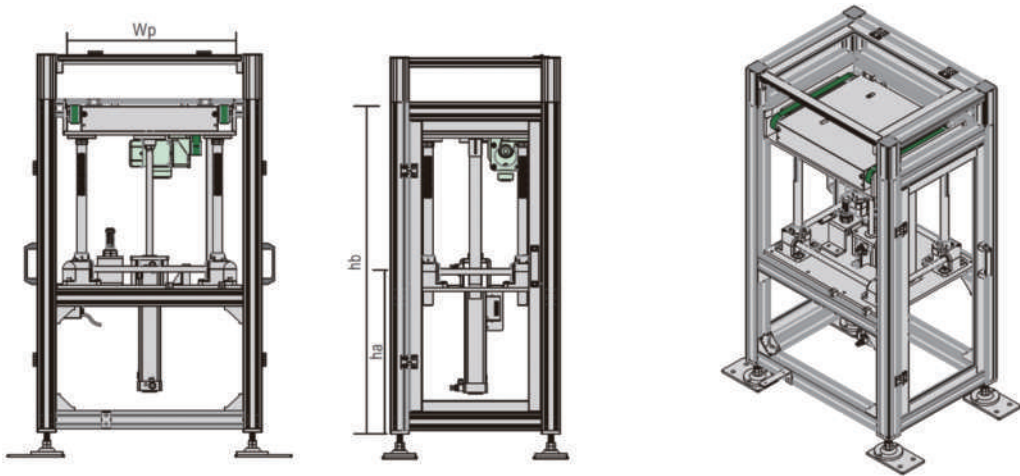
BFF1 气缸升降机 -- 气动升降 - 输送托盘宽度 320mm-- 输送托盘长度 320mm-- 下层线体输送面水平高度 350mm--

上层线体输送面水平高度 750mm-- 托盘运行速度 10m/min。

BFF1 Power base Lift--Pneumatic lift--Pallet width 320mm--pallet length 320mm--transport height of lower conveyor 350mm-- transport height of upper conveyor 750mm--speed 10m/min。

BFF2同步升降机

BFF2 POWER BASE LIFT



特征/应用 Features/application

模块化设计、独立部件、结构简单、组装便捷、维护方便；
Modular design, individual components, simple construction, easy assemble and maintenance

铝型材框架结构标准气缸升降，可实现高低两层输送机之间的垂直循环输送，改变托盘的输送方向；
Height of aluminum profile can be adjusted by air cylinder, to achieve the cycle conveying between upper and lower layers, and change the conveying direction

边框为有标准槽口的高强度铝合金型材，方便将输送机安装在其他设备上或在输送机上安装其它附件(如传感器、支架等)；
High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor, bracket etc)

传输介质为防静电型齿形带。
Conveying medium is anti-static toothed belt

订购 Ordering

BFF2- PN - Wp - LP - ha - hb - V - SR

PN: PN/ED PN=Pneumatic drive lift气动升降, ED=Electrical drive lift电动升降
Wp: Pallet width 输送托盘宽度
LP: Pallet length 输送托盘长度
ha: Transport Height of Lower Conveyor 下层线体输送面水平高度
hb: Transport Height of Upper Conveyor上层线体输送面水平高度
V: Pallet conveying speed托盘运行速度
SR: Special Requirement 特殊要求

Example 订货范例：

BFF2 - PN-Wp320- Lp320- ha350- hb750- V10

BFF2同步升降机--气动升降-输送托盘宽度320mm-输送托盘长度320mm--下层线体输送面水平高度350mm--
上层线体输送面水平高度750mm--托盘运行速度10m/min。

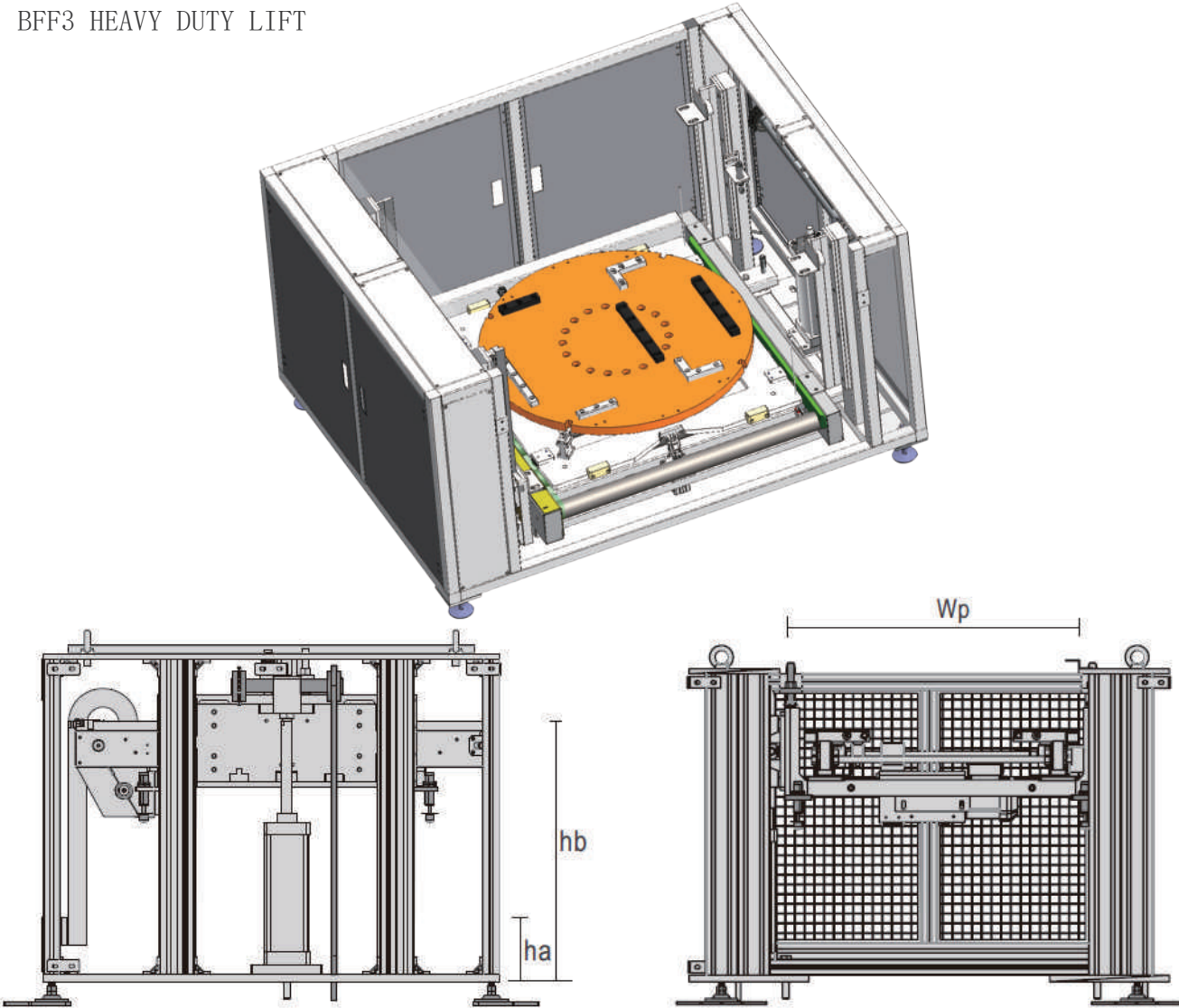
BFF2 Power base Lift--Pneumatic lift--Pallet width 320mm--pallet length 320mm--transport height of lower conveyor 350mm-- transport height of upper conveyor 750mm--speed 10m/min。



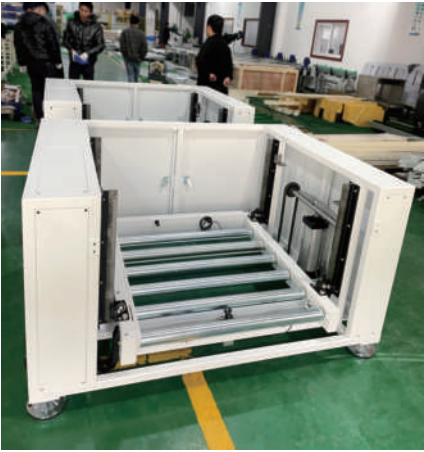
单个托盘满载总重量≤60kg
Maximum load capacity per pallet ≤60kg

BFF3重载提升机

BFF3 HEAVY DUTY LIFT



单个托盘满载总重量≤600kg
Maximum load capacity per pallet ≤600kg



特征/应用 Features/application

模块化设计、独立部件、结构简单、组装便捷、维护方便；

Modular design, individual components, simple construction, easy assemble and maintenance

铝型材框架结构标准气缸升降/电机驱动升降，可实现高低两层输送机之间的垂直循环输送，不改变托盘的输送方向；

The aluminum profile frame structure adopts standard cylinder lifting/motor driven lifting, which can realize vertical circulation transportation between the upper and lower conveyors without changing the transportation direction of the pallet;

边框为有标准槽口的高强度铝合金型材，方便将输送机安装在其他设备上或在输送机上安装其它附件（如传感器、支架等）；

High intensity aluminum profile with standard slot on border, for easy to be assembled on other equipment or assemble other components(like sensor、bracket etc)

传输介质为U型附板链。

Conveying medium is U-type cover chain

订购 Ordering

BFF3- PN - Wp - LP - ha - hb - V - SR

PN: ED/PN. ED=Motor lifting电机驱动升降，PN=cylinder with rod 有杆气缸

Wp: Pallet width 输送托盘宽度

LP: Pallet length 输送托盘长度

ha: Transport Height of Lower Conveyor 下层线体输送面水平高度

hb: Transport Height of Upper Conveyor上层线体输送面水平高度

V: Pallet conveying speed托盘运行速度

SR: Special Requirement 特殊要求

Example 订货范例：

BFF3 - PN0-Wp600- Lp800- ha350- hb750- V10

BFF3同步升降机—电机驱动升降-输送托盘宽度600mm-输送托盘长度800mm--下层线体输送面水平高度350mm--

上层线体输送面水平高度750mm--托盘运行速度10m/min。

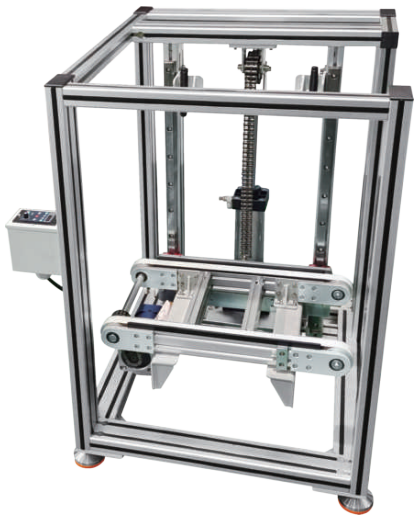
BFF3 Synchronous lift - motor lifting - conveying pallet width 600mm - conveying pallet length 800mm - lower line conveying surface horizontal height 350mm - upper line conveying surface horizontal height 750mm - pallet running speed 10m/min.

其他升降机案例

OTHER LIFE CASES



Lift-1



Lift-2



Lift-3



Lift-4



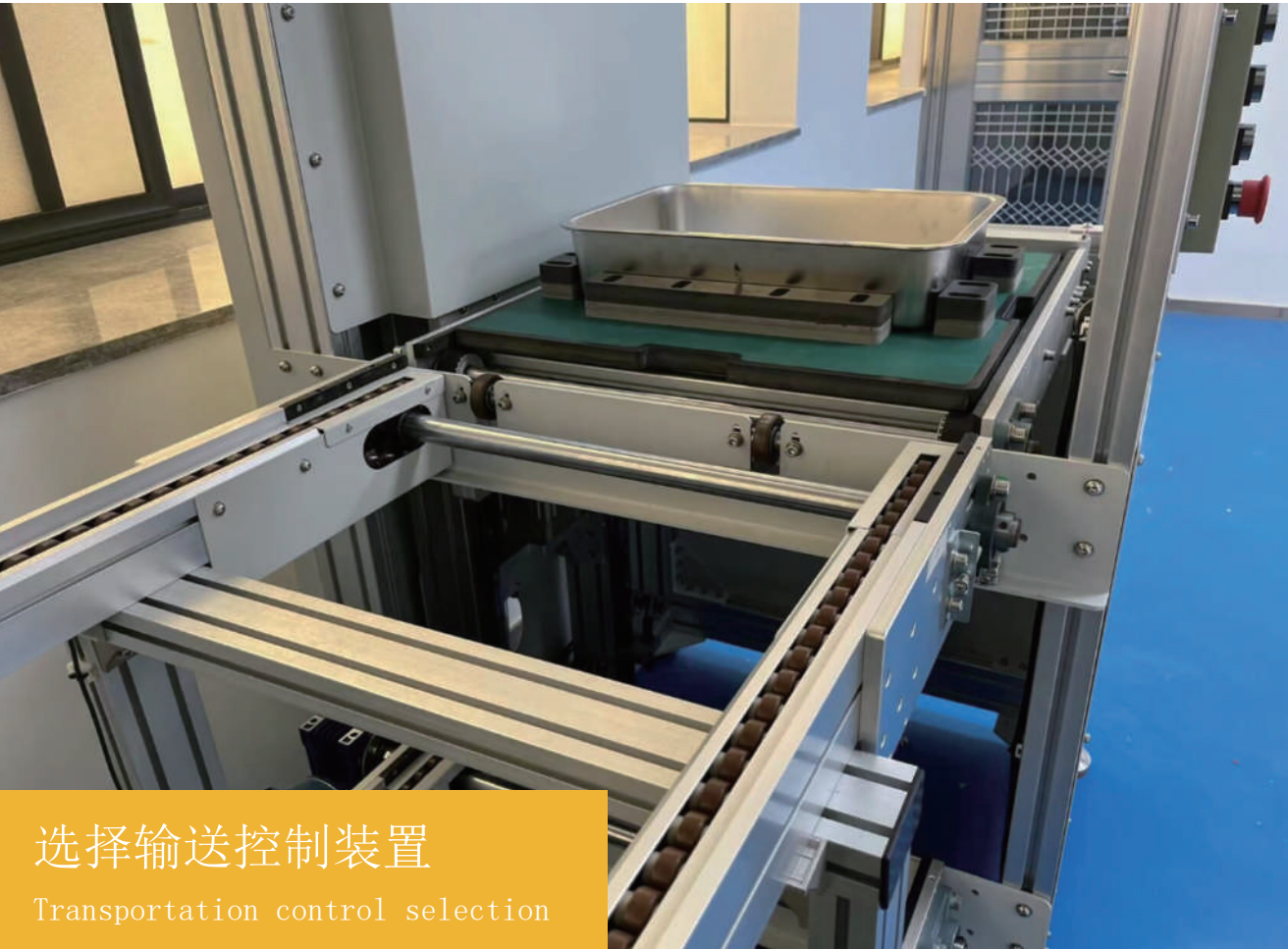
Lift-5



Lift-6

选择输送控制装置

TRANSPORTATION CONTROL SELECTION



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

The conveyor control device is an important part of the pallet conveyor system. It is used to control the stopping and passing of pallets in the pallet conveyor system and to realize automated and flexible control of the pallet conveyor process.

托盘档停器安装

Installation position of pallet stop

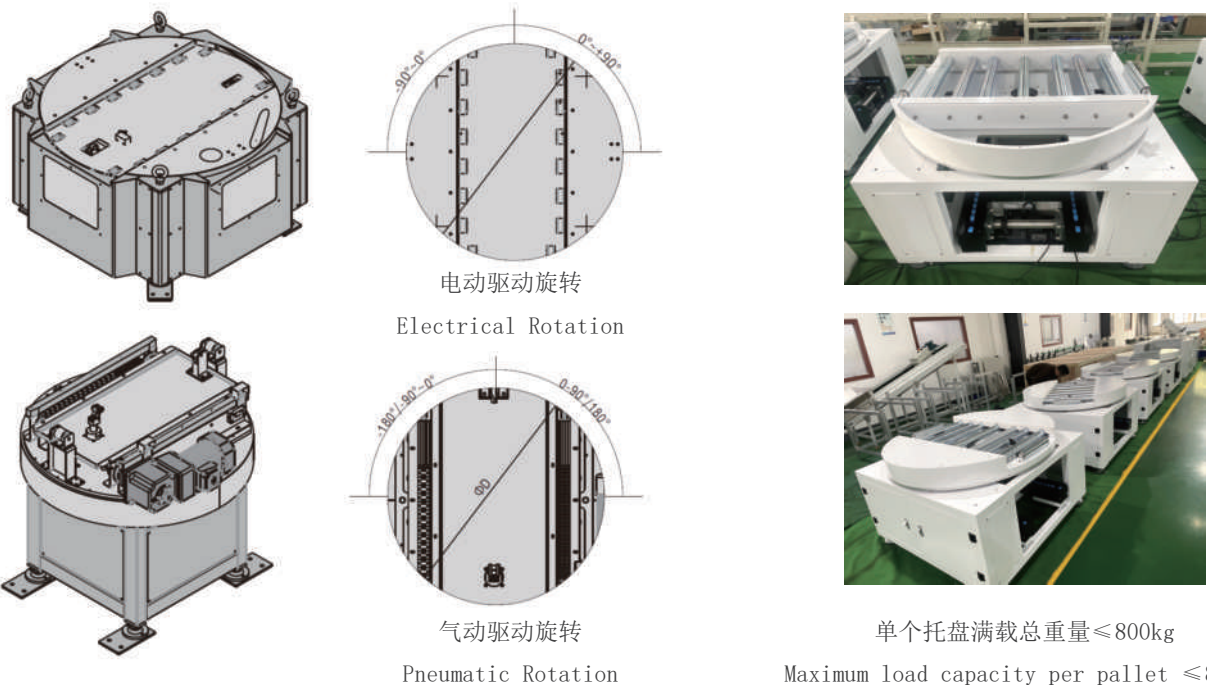
在使用托盘时,挡停器安装在托盘输送方向的左前侧、右后方进行档停。

When the stop is used with pallet,it will be mounted in rear right or front left position in the direction of transport.



BFT3重载转台（单层）

BFT3 HEAVY DUTY TURN TABLE



特征/应用

Features/application

通过选择气动或电动的旋转驱动形式，可实现托盘的90° 或180° 转弯输送不改变托盘的输送方向；
Rotate unit of pneumatic or electrical is used to turn the orientation of the workpiece pallet 90° or 180° without changing the direction
可配合BF5托盘输送机使用。
In conjunction with BF5 pallet conveyors.

订购

Ordering

BFT3 - M - ED - Wp - LP - H - V - SR

M: Loading 负载
ED: ED/PN ED=Electrical Drive Rotation 电动旋转 PN=气动旋转
Wp: Pallet width 输送托盘宽度, LP: Pallet length 输送托盘长度
H: conveying Height输送面水平高度, V: Pallet conveying speed托盘运行速度
SR: Special Requirement 特殊要求

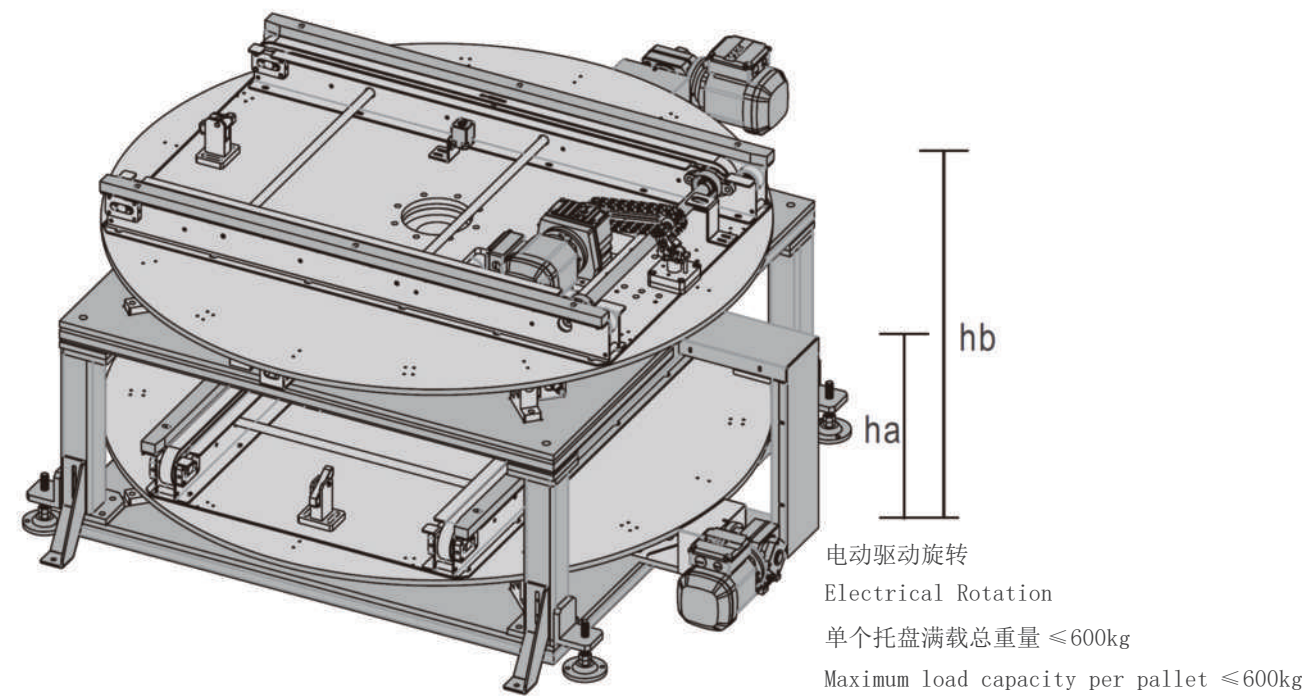
Example 订货范例：

BFT3 - M800-Ed-Wp800- Lp1000-H800- V10
BFT3重载转台—载重800kg—电动旋转—输送托盘宽度800mm—输送托盘长度1000mm—输送水平高800mm—
托盘运行速度10m/min。

BFT3 heavy-duty turntable - load capacity 800kg - electric rotation - conveying pallet width 800mm - conveying pallet length 1000mm -
conveying level height 800mm - pallet running speed 10m/min.

BFT3重载转台（双层）

BFT3 HEAVY DUTY TURN TABLE



特征/应用 Features/application

通过选择气动或电动的旋转驱动形式，可实现托盘的90° 或180° 转弯输送不改变托盘的输送方向；
Rotate unit of pneumatic or electrical is used to turn the orientation of the workpiece pallet 90° or 180° without changing the direction of pallet;
可配合BF5托盘输送机使用。
In conjunction with BF5 pallet conveyors.

订购 Ordering

BFT3 - M - ED - Wp - LP - H - V - ha - hb - SR

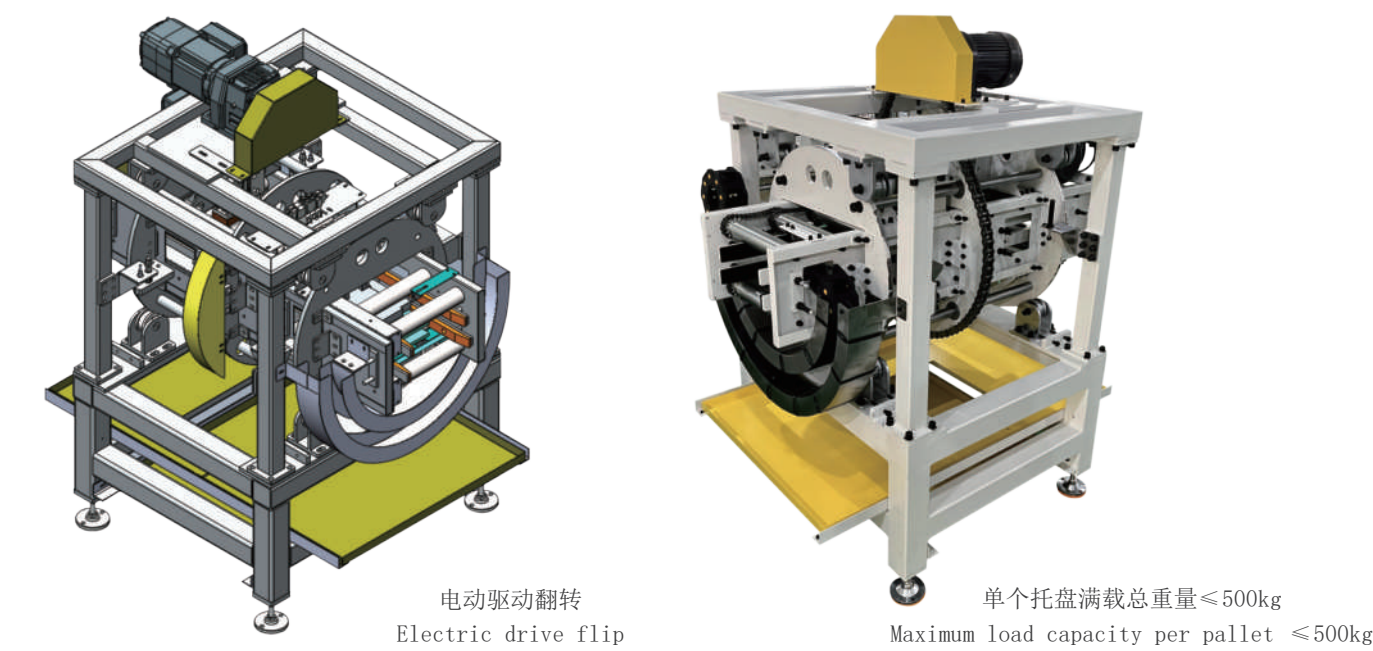
M: Loading 负载
Wp: Pallet width 输送托盘宽度
H: conveying Height输送面水平高度
ha: Transport Height of Lower Conveyor 下层线体输送面水平高度
hb: Transport Height of Upper Conveyor上层线体输送面水平高度
ED: ED/PN ED=Electrical Drive Rotation 电动旋转 PN=气动旋转
LP: Pallet length 输送托盘长度
V: Pallet conveying speed托盘运行速度
SR: Special Requirement 特殊要求

Example 订货范例：

BFT3 - M600 -Ed - Wp800 - Lp1000 - H800 - ha350 - hb900 - V10
BFT3重载转台--载重600kg--输送托盘宽度800mm--输送托盘长度1000mm--输送水平高800mm--下层线体输送面水平高度350mm--上层线体输送面水平高度900mm--托盘运行速度10m/min。
BFT3 heavy-duty turntable--load capacity 600kg--conveying pallet width 800mm--conveying pallet length 1000mm--conveying level height 800mm--lower line conveying surface horizontal height 350mm- upper line conveying surface horizontal height 900mm--pallet operation Speed 10m/min.

BFT4 180度翻转机

BFT4 180 DEGREE FLIPPER



特征/应用 Features/application

可选择电机驱动实现翻转，翻转角度0° ~180° ；
Optional motor drive for flipping, flip angle 0° ~180° ；
可配合BF5托盘输送机使用。
In conjunction with BF5 pallet conveyors.

订购 Ordering

BFT4 - M - Wp - LP - H - V - SR

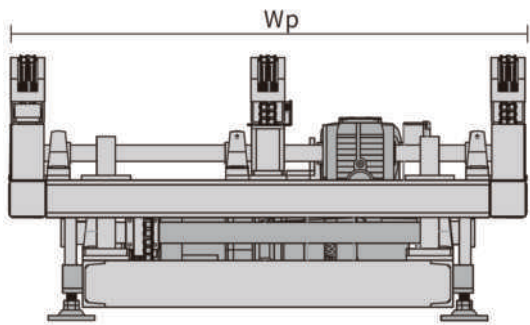
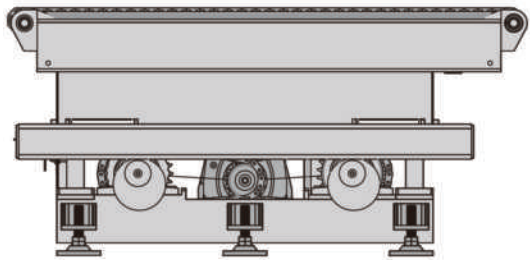
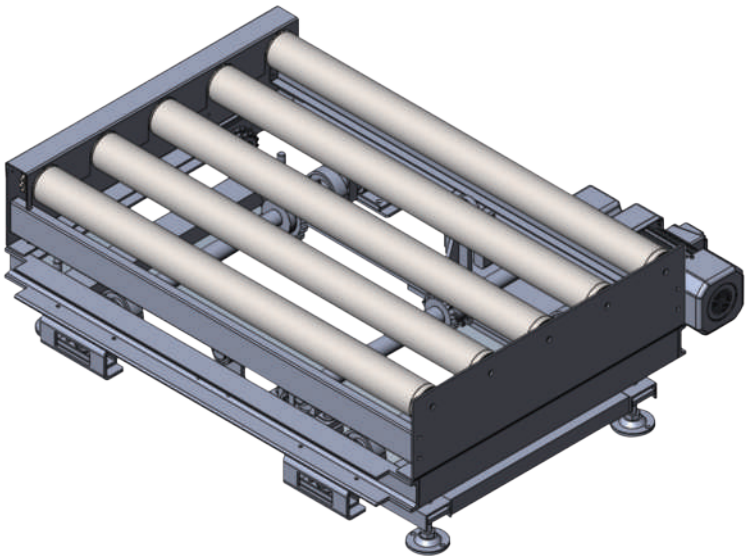
M: Loading 负载
Wp: Pallet width 输送托盘宽度
LP: Pallet length 输送托盘长度
H: conveying Height输送面水平高度
V: Pallet conveying speed托盘运行速度
SR: Special Requirement 特殊要求

Example 订货范例：

BFT4 - M500 - Wp800 - Lp1000 - H800 - V15
BFT4 180° 翻转-载重500kg--输送托盘宽度200~500mm--输送托盘长度1000mm--输送水平高800mm--托盘运行速度15m/min。
BFT4 180° flip - load capacity 500kg - conveying pallet width 200~500mm - conveying pallet length 1000mm - conveying level height 800mm - pallet running speed 15m/min.

BFT5 重载顶升横移

BFT5 HEAVY DUTY LIFT&TRANSVERSE UNIT



单个托盘满载总重量≤500kg
Maximum load capacity per pallet ≤500kg

特征/应用 Features/application

模块化设计，实用性强。
Modular design with practical performance.

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；
Lift transverse unit move the workpiece pallets from a transverse conveyor onto a longitudinal conveyor section with changing the direction of pallet.

可配合BF5托盘输送机使用。
In conjunction with BF5 pallet conveyors.

订购 Ordering

BFT5 - M - Wp - LP - H - V - SR

M: Loading 负载
Wp: Pallet width main Conveyor 输送托盘宽度, LP: Pallet length main Conveyor输送托盘长度
H: conveying Height输送面水平高度
V: Pallet conveying speed托盘运行速度, SR: Special Requirement 特殊要求

Example 订货范例：

BFT5 - M350 - Wp800 - Lp1000 - V15 - SR
BFT5重载顶升横移-载重350kg--输送托盘宽度800mm--输送托盘长度1000mm--输送水平高800mm--托盘运行速度15m/min。
BFT5 heavy load lifting and traversing - load capacity 350kg - conveying pallet width 800mm - conveying pallet length 1000mm - conveying level height 800mm - pallet running speed 15m/min.

BF180 气动挡停器

BF180 PNEUMATIC STOPPER

规格配置 Specification

托盘最大总质量Mc (kg) Max. gross pallet mass	180
质量m (g) Mass	560
防静电 ESD	是Yes
工作温度（℃） Working temperature	0~60
材料说明 Material	主壳体:铝合金(黑色) Housing: aluminium, black 止动杆:碳钢镀镍 anodized, Stop pole: nickel plated carbon steel
快速接头直径Φ6 Quick connector	外径为Φ6的通气软管 Hose, outer diameter Φ6
压力范围(Mpa) Pressure range	0.4~0.8 的净化压缩空气 0.4~0.8, clean compressed air



特征 Features/benefits

不允许反向操作, 直接安装在输送线体上；
No inverse operation allowed and to be installed on the conveyor line.

运行噪音小于60dB, 如需进一步降低工作产生的噪音, 可以使用调速阀；
Operation noise less than 60dB. If you need to further reduce the noise Generated during work, you can use the speed control valve.

阻挡放行高度为9mm；
Stop and release height is 9mm.

可实现托盘在预定位置的停止和放行, 并可实现多个托盘的堆积和分盘；
It can stop and release pallets at predetermined positions, and realize stacking and dividing of multiple pallets.

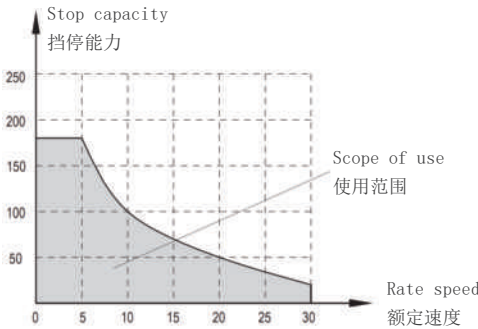
当压力释放时，弹簧将挡停器关闭，从而挡停托盘。
When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.

订购 Ordering

BF180 - PN - SP - 01 - 180

PN: Pneumatic气动
SP: Stop 挡停
01: Without damping 无缓冲
180: Max. load 180kg 最大负载180kg

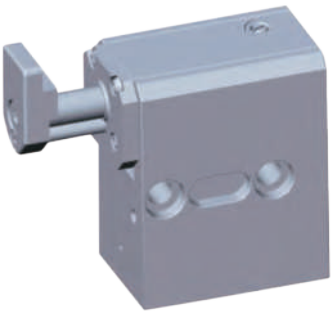
挡停能力图 Stop capacity diagram



BF60 气动缓冲挡停器

BF60 PNEUMATIC BUFFER STOPPER

规格配置	Specification
托盘最大总质量Mc (kg) Max. gross pallet mass	60
托盘最小质量m(kg) Tube Diameter	1
质量m(g) Mass	550
防静电 ESD	是Yes
工作温度（℃） Working temperature	0~60
材料说明 Material	主壳体:铝合金(黑色) Housing: aluminium, black 止动杆:碳钢镀镍 anodized, Stop pole:nickel plated carbon steel
快速接头直径Φ6 Quick connector	外径为Φ6的通气软管 Hose, outer diameter Φ6
压力范围(Mpa) Pressure range	0.4~0.8 的净化压缩空气 0.4~0.8, clean compressed air



特征

Features/benefits

不允许反向操作, 直接安装在输送线体上;

No inverse operation allowed and to be installed on the conveyor line.

运行噪音小于60dB, 如需进一步降低工作产生的噪音, 可以使用调速阀;

Operation noise less than 60dB.If you need to further reduce the noise Generated during work, you can use the speed control

可与WP托盘组合, 配合BF1, BF2托盘输送机使用;

It can be used on BF1,BF2 conveyor to control wp pallet.

缓冲挡停第一个托盘。该挡停器将一个或多个堆积的托盘挡停在指定位置上;

Damped stopping of the first accumulating pallet.It stops one or more accumulating pallets at the de ned position

当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

When the pressure is released,the stop is closed by a spring and the workpiece pallet is stopped.

订购

Ordering

BF60 - PN - BS - 02 - 60

PN: Pneumatic气动

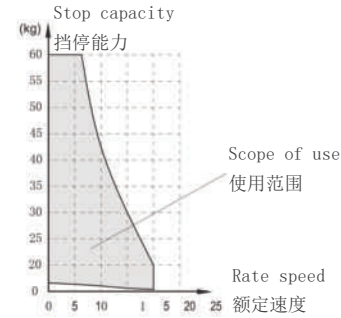
BS: Buffer and Stop缓冲挡停

02: With damping 带缓冲

60: Max.load 60kg 最大负载60kg

挡停能力图

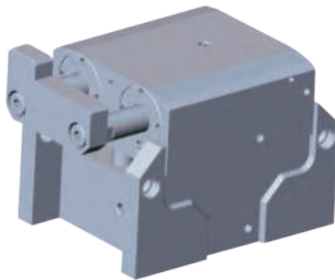
Stop capacity diagram



BF150 气动缓冲挡停器

BF150 PNEUMATIC BUFFER STOPPER

规格配置	Specification
托盘最大总质量Mc (kg) Max. gross pallet mass	150
质量m(g) Mass	1560
防静电 ESD	是Yes
工作温度（℃） Working temperature	0~60
材料说明 Material	主壳体:铝合金(黑色) Housing: aluminium, black 止动杆:碳钢镀镍 anodized, Stop pole:nickel plated carbon steel
快速接头直径Φ6 Quick connector	外径为Φ6的通气软管 Hose, outer diameter Φ6
压力范围(Mpa) Pressure range	0.4~0.8 的净化压缩空气 0.4~0.8, clean compressed air



特征

Features/benefits

不允许反向操作, 直接安装在输送线体上;

No inverse operation allowed and to be installed on the conveyor line.

运行噪音小于60dB, 如需进一步降低工作产生的噪音, 可以使用调速阀;

Operation noise less than 60dB.If you need to further reduce the noise Generated during work, you can use the speed control valve.

阻挡，放行高度为9mm;

Stop and release height is 9mm.

可实现托盘在预定位置的停止和放行, 并可实现多个托盘的堆积和分盘;

D ls stops or releases the pallet at the de ned position and realize the accumulation or distribution of multi-pallets.

当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

When the pressure is released,the stop is closed by a spring and the workpiece pallet is stopped.

订购

Ordering

BF150 - PN - BS - 02 - 150

PN: Pneumatic气动

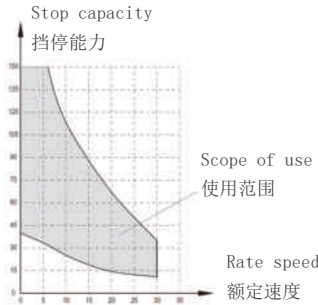
BS: Buffer and Stop缓冲挡停

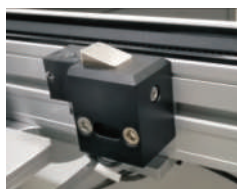
02: With damping 带缓冲

150: Max.load 150kg 最大负载150kg

挡停能力图

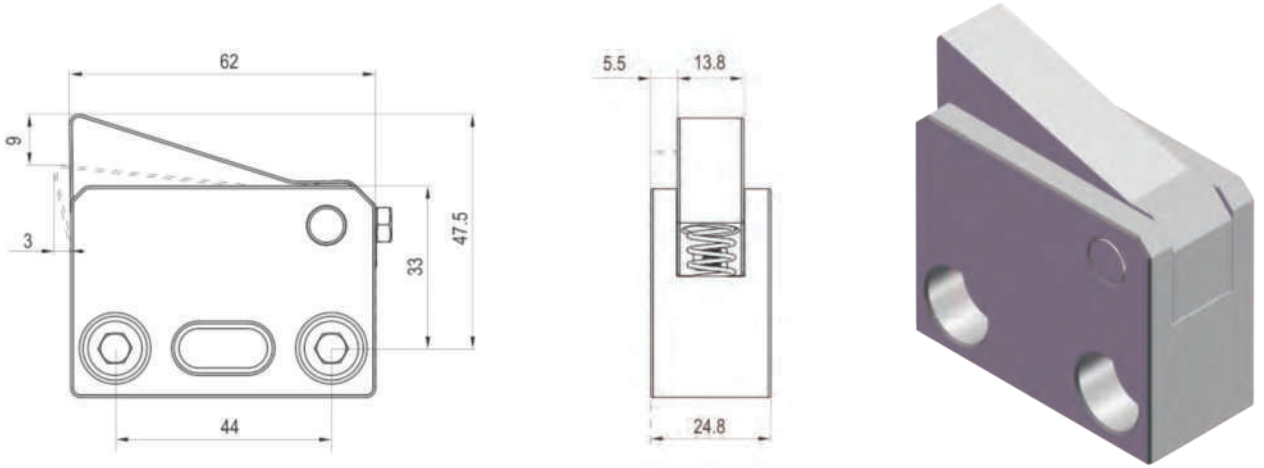
Stop capacity diagram





BF 金属止回器

BF PNEUMATIC BACK STOPPER



规格配置 Specification

托盘和工件最大总质量MG (kg) Pallet and workpiece max. mass	3~60
质量m (g) Mass	469
防静电 ESD	是Yes
工作温度 (℃) Working temperature	0~60
材料说明 Material	主壳体:碳钢镀镍 Housing: nickel plated carbon steel 止动杆:碳钢镀镍 anodized, Stop pole: nickel plated carbon steel

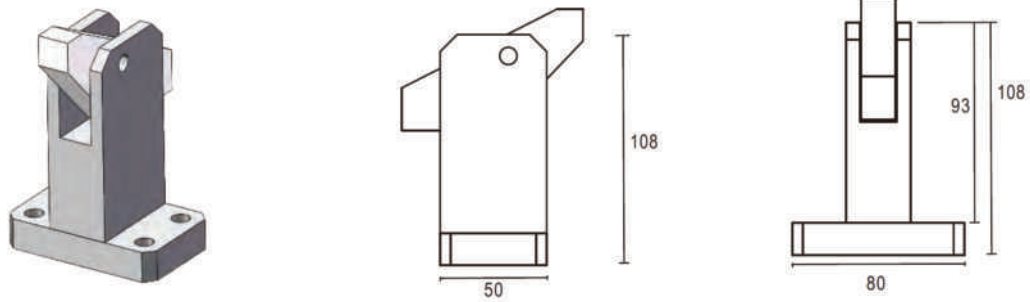


特征 Features/benefits

止回器可用于克服托盘由无缓冲气动挡停器阻挡时造成的反弹，防止托盘逆行。
Return stop is used to prevent the pallet from returning back due to bounce from pneumatic stop and to avoid the pallet run reversely.

BF 重力止回器

BF BACK STOPPER



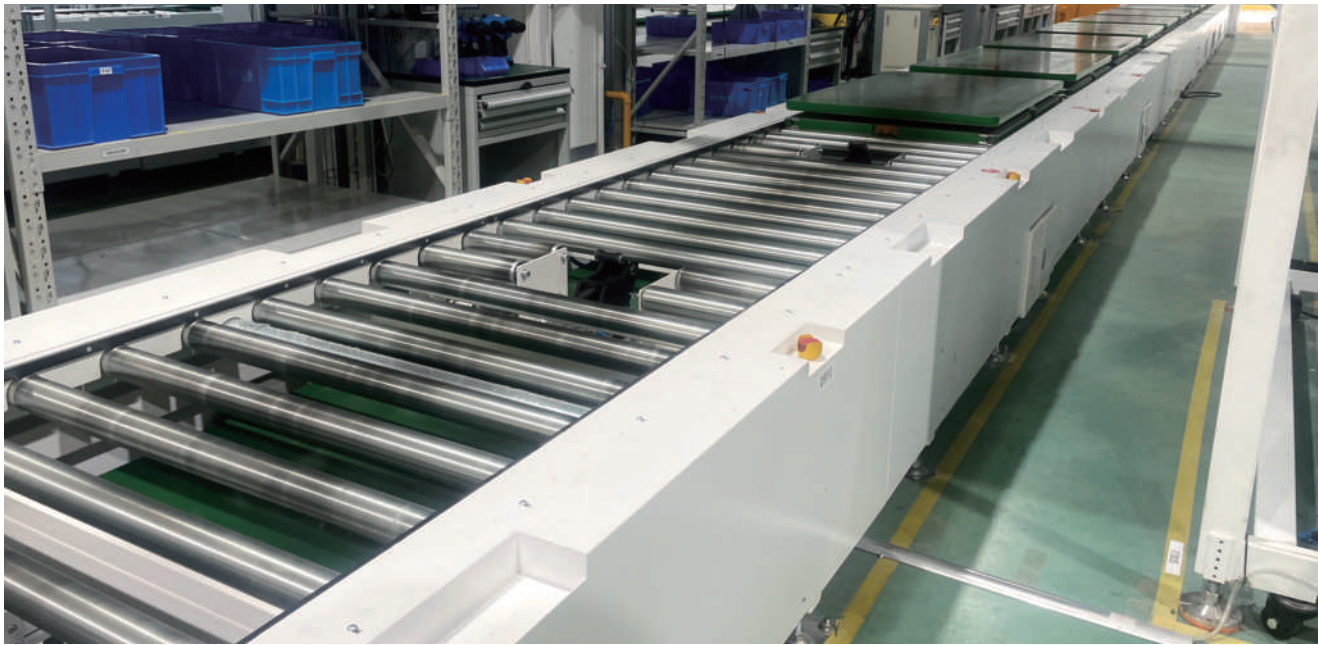
托盘输送机案例

PALLET CONVEYOR CASE



托盘输送机案例

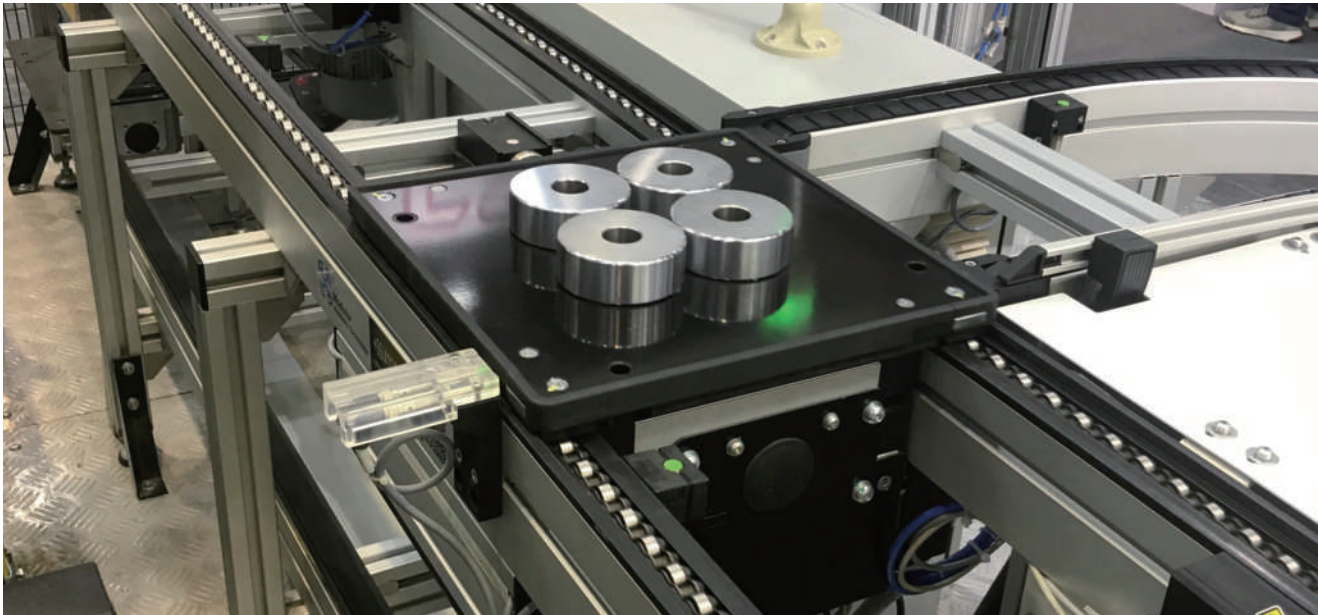
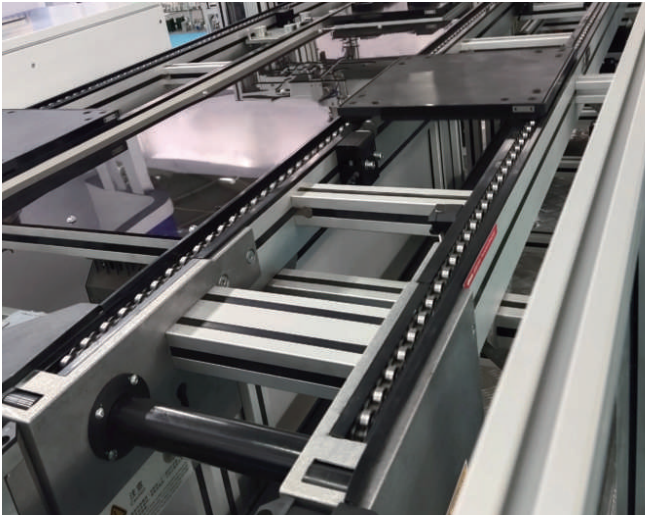
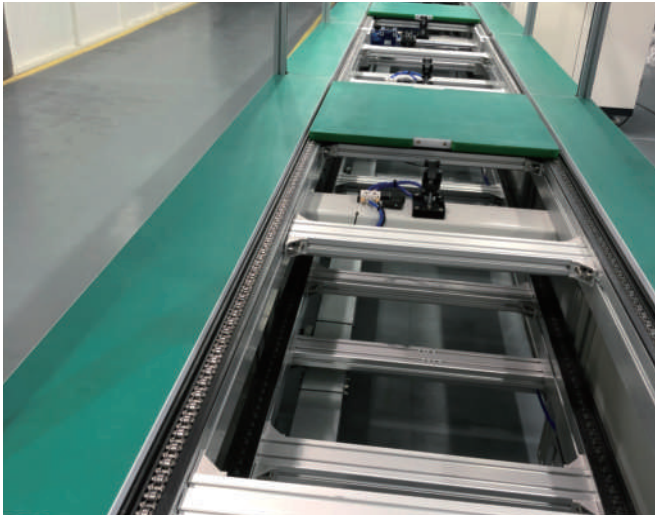
PALLET CONVEYOR CASE



托盘输送机
案例

托盘输送机案例

PALLET CONVEYOR CASE



托盘输送机
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