



Modular Conveyor System



Modular Conveyor System
模块化输送系统



专业 专注 精益求精

Profession Devotion Keep Improving

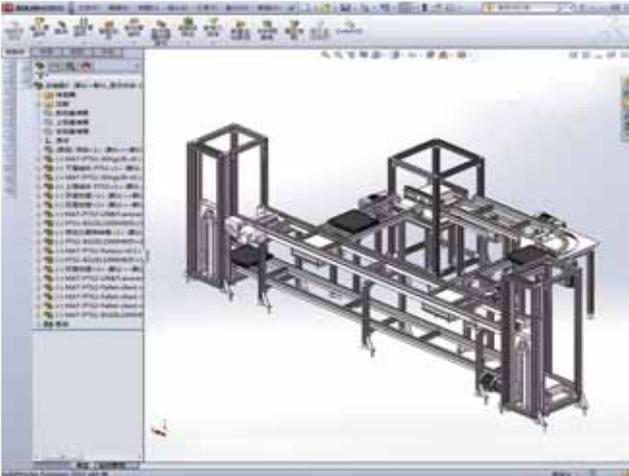
经验丰富的工程师队伍；
专业的设备和多年的实践；
标准化的操作流程；
高素质的销售团队和以顾客为导向的服务宗旨；
美德乐为您提供的不仅仅是产品，更是工业领域的最前沿理念；
我们要您了解的不仅是产品质量，更是一种服务态度。

Made in China;
Higher quality at unbeatable price;
Shipped directly pre-assembled to customers;
Converting any original design to MAT design, free of charge.

Try once, and you will never change!!!

What's inside...

Assembly Technology



Planning Software 技术支持

- Complete product info
- CAD library
- Quick & Easy configurator
- Calculation of profile deflection
- Drawing conversion for profiles
- Layout Designer for fast, easy planning
- 完整的产品信息
- CAD图库
- 装配简单便捷
- 型材变形量的计算
- 图纸的转换
- 规划简单快速



On-time, rapid delivery 准时，快速交货

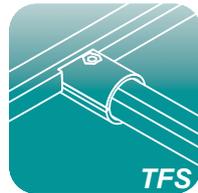
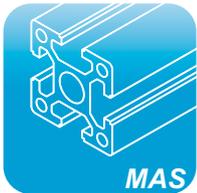
- Availability of all components
- Pre-assembled modules, complete frames
- Prompt shipping and exemplary delivery reliability
- 配件充足
- 模块化组装
- 及时交付产品



Modular Assembly System---
safe, quick, reliable

Use our comprehensive range
to effectively cut working hours and costs.

- Short planning times
- Faster construction
- Highly flexible conversion and extension options
- Reusable components
- Available worldwide



模块化组装系统特性-
安全、快捷、可靠。

全方位有效地节省工时和成本。

- 加工时间短
- 组装速度快
- 高度灵活性
- 可重复使用
- 全球销售

Modular Assembly System
模块化组装系统





Machine Guard System
机械防护系统



Tubular Framing System
线棒柔性系统



Stair and Platform System
工业踏步及走台系统



Modular Conveyor System
模块化输送系统



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PTS1&PTS2 Pallet Conveyor
PTS1&PTS2 托盘输送系列

PTS4 Pallet Conveyor
PTS4 托盘输送系列

PTS5 Pallet Conveyor
PTS5 托盘输送系列

1

Pallet Transfer System 托盘输送系统

Pallet Transfer System (PTS) are composed of PTS1/PTS2/PTS4 and PTS5 differ in size and permissible load. The pallet transfer system consist of standardized components which could freely combined with other units to suit for specific production conditions.

托盘输送系统 (PTS)是由单个托盘最大满载总重量不同而分类，分别为PTS1/PTS2/PTS4/PTS5系列，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。

PTS Pallet Transfer System Overview
PTS 托盘输送系统分类



PTS 1



PTS 2

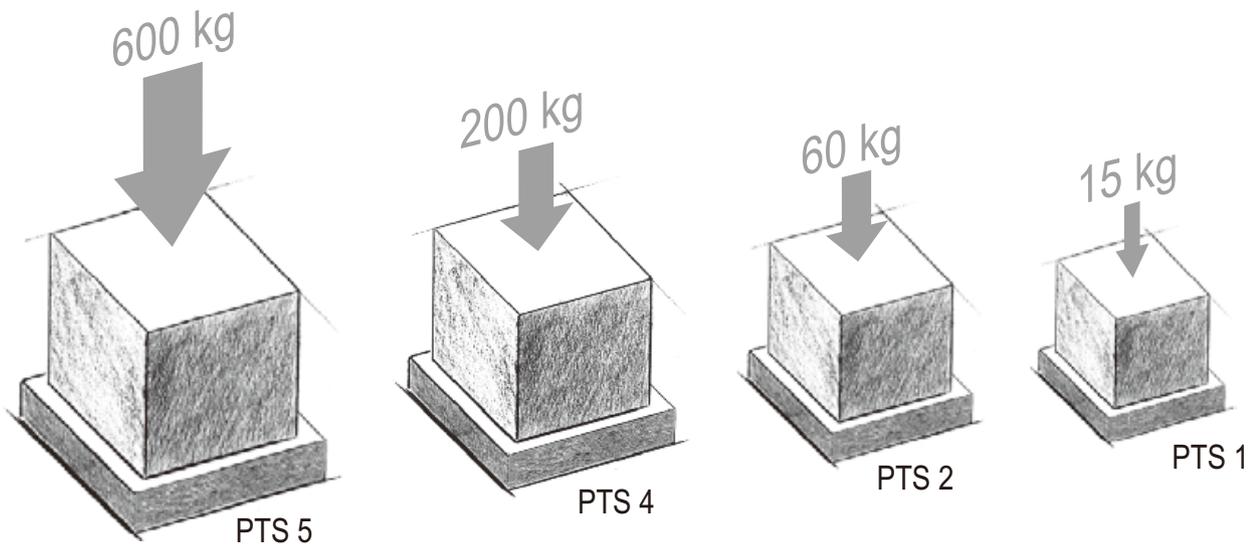


PTS 4

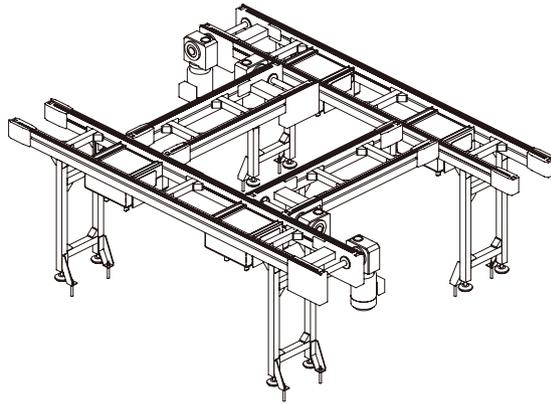


PTS 5

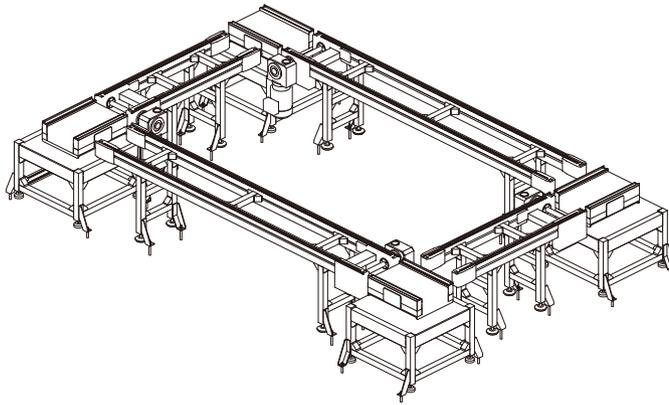
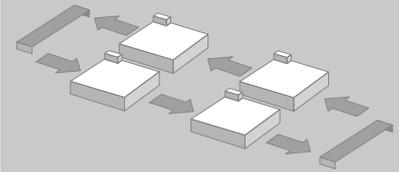
Permissible loading weight for workpiece pallet
按照单个托盘满载总重量分类



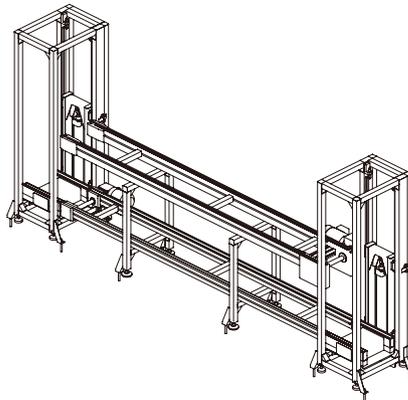
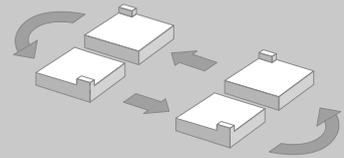
Layout Planning
基础排布形式



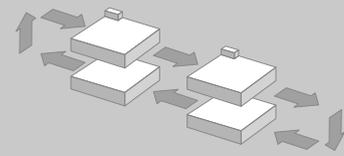
Horizontal Circuit A
水平循环排布A

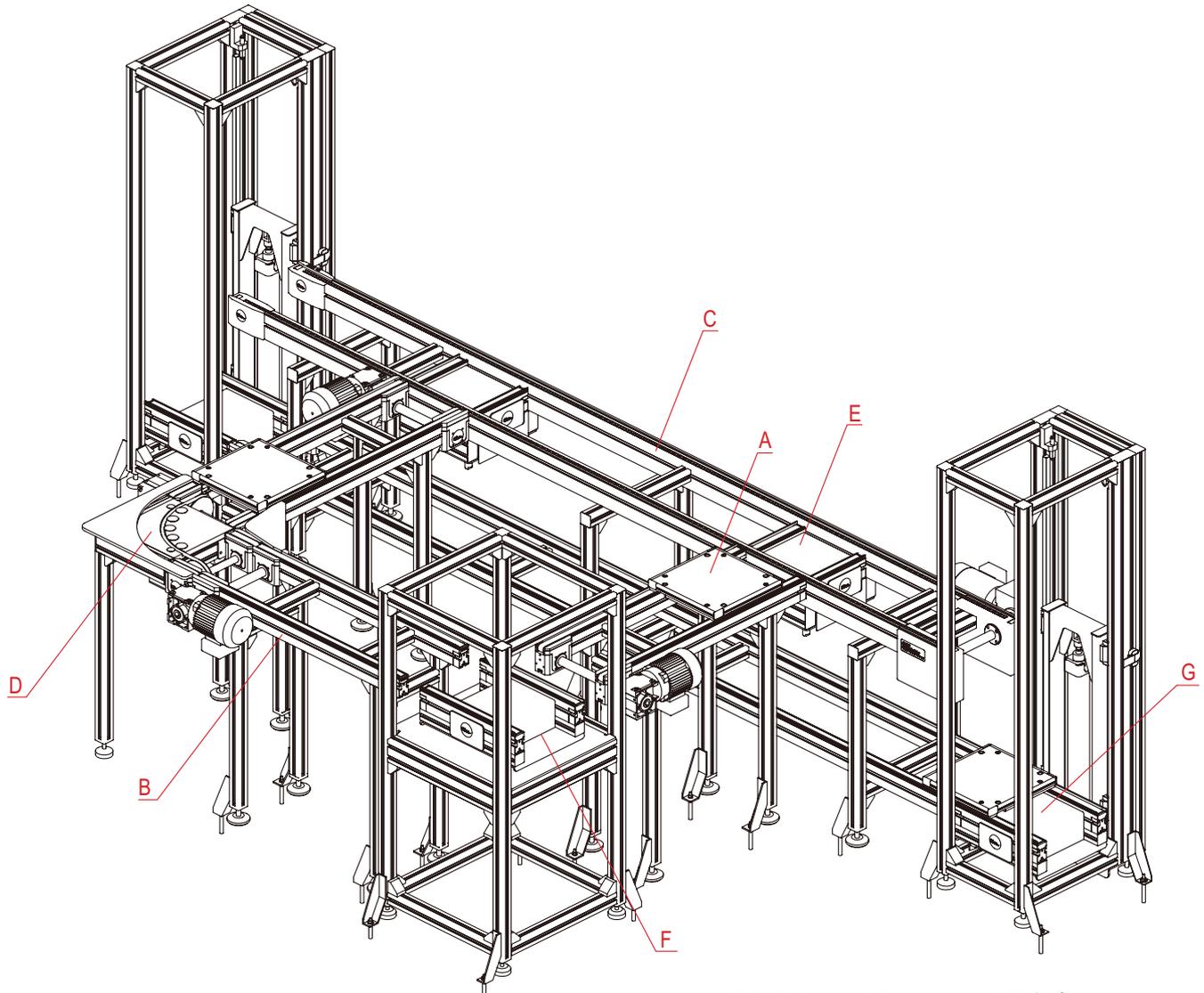


Horizontal Circuit B
水平循环排布B



Vertical Circuit
垂直循环排布



PTS1&PTS2 Pallet System
 PTS1&PTS2 托盘输送系列


A	WP2 Workpiece Pallet	WP2 托盘
B	PTS1 Pallet Conveyor	PTS1 托盘输送机
C	PTS2 Pallet Conveyor	PTS2 托盘输送机
D	90° Round Belt Curve	90° 圆带转弯
E	30kg Lift and Transverse Unit	30kg 顶升横移
F	30kg Rotate Unit	30kg 转台
G	30kg Lift Unit	30kg 升降机

Permissible load capacity of PTS1 pallet conveyor is within 15kg.

Permissible load capacity of PTS2 pallet conveyor is within 60kg.

In conjunction with other modules to suit for particular assembly task.

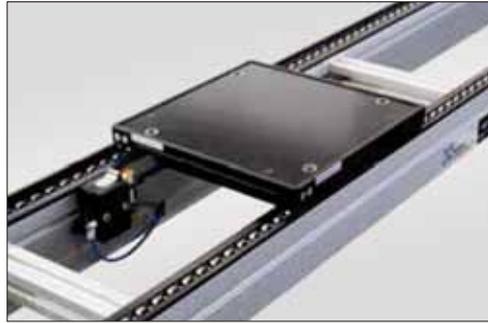
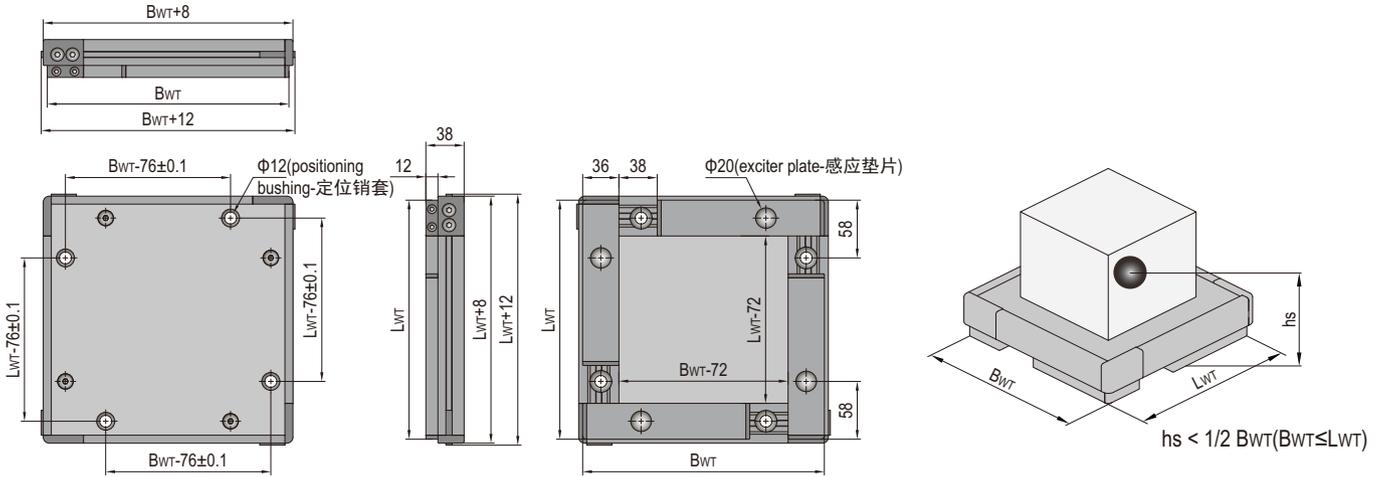
PTS1 托盘输送系列适用于单个托盘满载总重量在15kg以内的输送场合。

PTS2 托盘输送系列适用于单个托盘满载总重量在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。

WP2 Workpiece Pallet
WP2 托盘

 Delivery 交货期 **10** Workday 工作日
 Please contact us for non-standard products 非标产品货期请来电咨询



- ! In conjunction with PTS1 or PTS2 pallet conveyors. 配合PTS1和PTS2托盘输送机使用。
- ! The workpiece is suggested to be put on pallet center, or unbalance conveying will reduce the service life of conveyor. 建议工件放置在托盘中心，偏载会降低输送机使用寿命。

BWT (mm)	LWT (mm)	Frame Weight-A (kg) 托盘重量-A型(kg)	Max. Uniform Load (kg) 最大均布载荷 (kg)
160	160	1.51	16
	240	2.04	16
	320	2.58	16
240	240	2.67	24
	320	3.32	24
	400	3.89	24
320	320	3.99	32
	400	4.69	32
	480	5.40	32
400	400	5.60	40
	480	6.39	40
	480	7.28	48

- ! Please contact us for non-standard size of pallet. 如对托盘尺寸有特殊要求，可非标定制，请来电咨询。

Features/Benefits 特征

1. Aluminum frame design enables frame section for high strength and low weight. 使用高强度铝合金型材构建，结构可靠。
2. With positioning bushings for a positioning accuracy of ± 0.1 mm. 可使用定位销套对托盘进行定位，定位精度为 ± 0.1 mm。
3. The exciter plate combined with proximity switches to detect the pallet position. 标配感应垫片用于配合接近开关检测托盘的位置。

Ordering Reference 订购

WP2---BWT---LWT---A---SR



Example 订货范例:

WP2---BWT160---LWT240---A

WP2 pallet---pallet width 160mm---pallet length 240mm---type A pallet (black anodized supporting plate with positioning bushings).

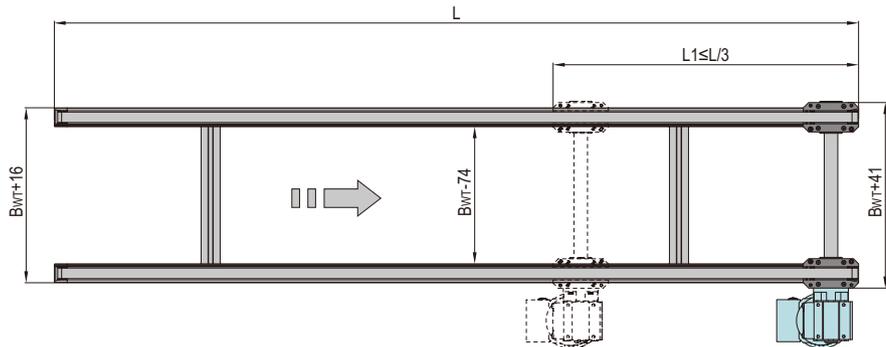
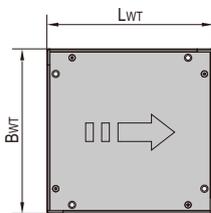
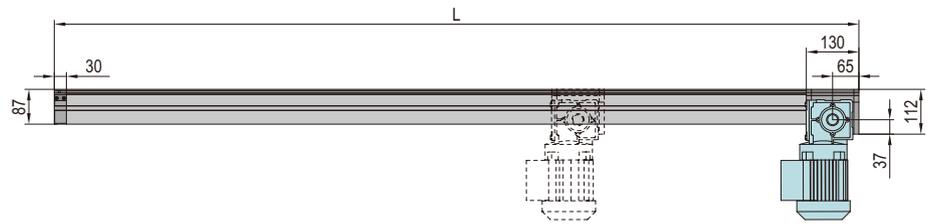
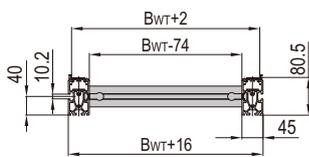
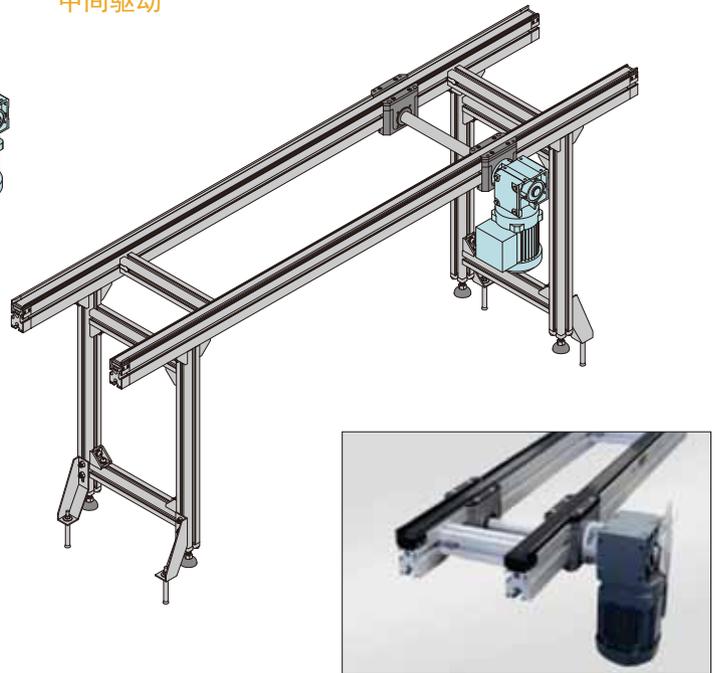
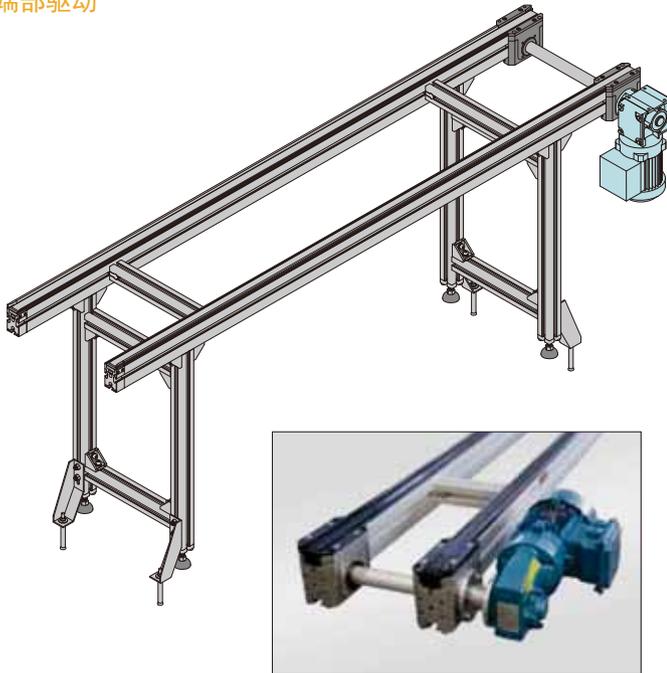
WP2 托盘---托盘宽度160mm---托盘长度240mm---A型托盘(铝合金托板含定位销套-黑色)。

PTS1 Pallet Conveyor (End Drive/Center Drive)
PTS1 托盘输送机 (端部驱动/中间驱动)

 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products 非标产品货期请来电咨询

End Drive
端部驱动

Center Drive
中间驱动



-  Maximum load capacity per pallets ≤ 15kg.
单个托盘满载总重量 ≤ 15kg。
-  The length of conveyor body should be multiple of five.
线体长度必须为5的倍数。
-  Workpiece pallets should be conveyed toward a drive unit. Reversible operation will lower a third of conveying capacity.
建议按照图示方向输送托盘，若反向输送，则输送能力会降低1/3。
-  When selecting center drive conveyor, the drive unit should be close to the conveyor end and within a third of conveyor length.
当选用中间驱动时，驱动单元应靠近头端布置，且在整条线体长度的1/3以内。

Specifications 规格配置

Conveyor Length 线体长度	400≤L≤6000mm
Pallet Width 托盘宽度	160≤BWT≤400mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	40kg
Max. Conveyor Speed 最大满载运行速度	V max.=20m/min
Drive Model 驱动方式	Direct 直接驱动
Conveying Medium 传输介质	Special toothed belt 专用齿形带

Features/Benefits 特征

1. Modular design, easy to assemble and maintenance.
模块化设计，模块化部件，维护方便。
2. In conjunction with rotate units, curves and lift transverse units to achieve automation cycle control.
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控制。
3. T slot aluminum profile frame for easy accessory attachment.
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)。
4. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。

Industries Served 应用

Factory Automation, Electronics, Automobile Parts etc.
工厂自动化、汽车零部件、电子等。

Ordering Reference 订购

PTS1---M---V---BWT---L---H---OP---F1---E---SR

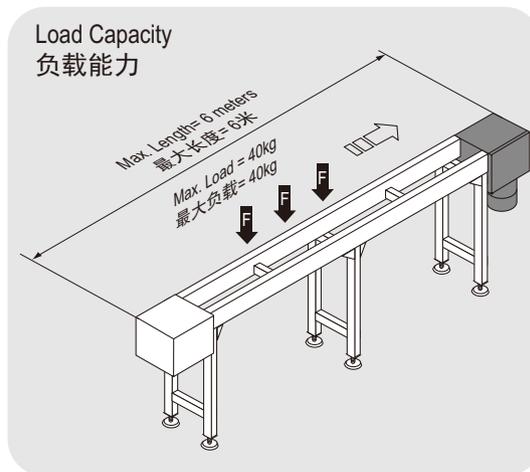


Example 订货范例:

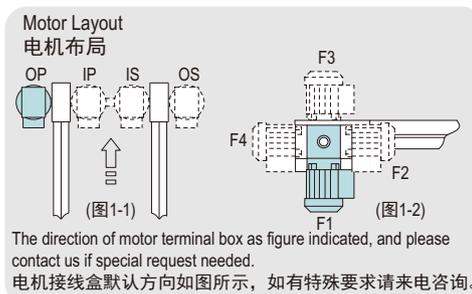
PTS1---M30---V16---BWT160---L2000---H800---OP---F1---E

PTS1 pallet conveyor---max. load capacity 30kg---conveyor speed 16m/min---pallet width 160mm---conveyor length 2000mm---transport height 800mm
---motor position at OP---motor direction of F1---end drive.

PST1 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---电机位置OP
---电机方向F1---端部驱动。

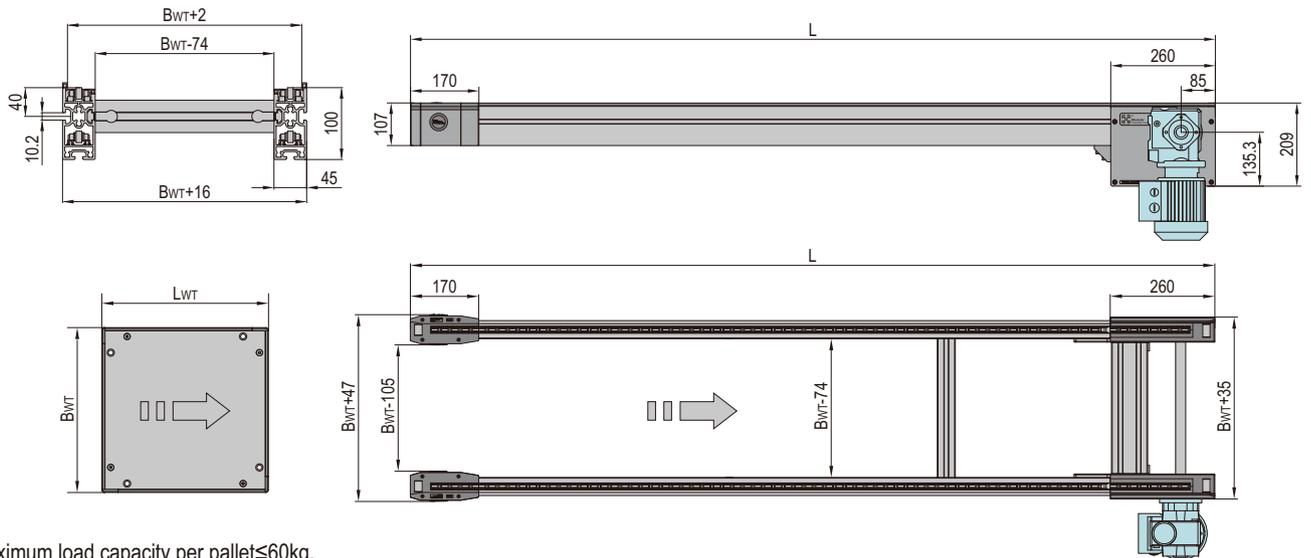
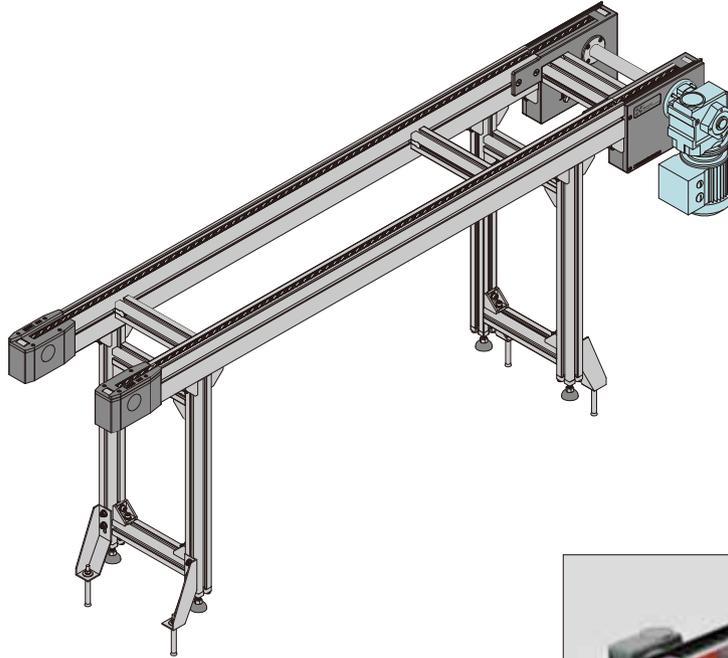


⚠ Conveyor Load Capacity ≤0.4kg/cm.
线体长度承载能力≤0.4kg/cm。



PTS2 Pallet Conveyor
PTS2 托盘输送机

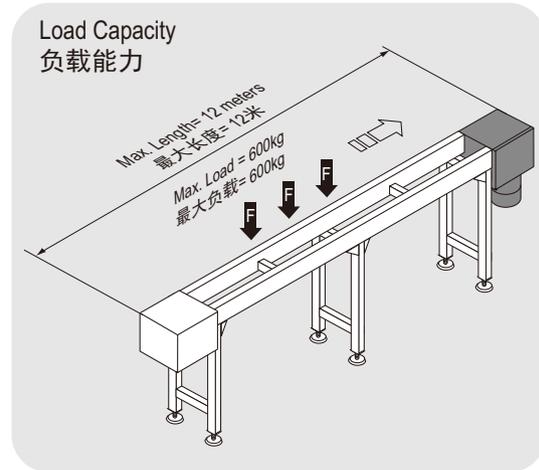
 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



-  Maximum load capacity per pallet ≤ 60kg.
单个托盘满载总重量 ≤ 60kg。
-  Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden.
必须按照图示方向输送托盘，禁止反向输送。

Specifications 规格配置

Conveyor Length 线体长度	600≤L≤12000mm
Pallet Width 托盘宽度	160≤BWT≤800mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	600kg
Max. Conveyor Speed 最大满载运行速度	V max.=20m/min
Drive Model 驱动方式	Direct 直接驱动
Conveying Medium 传输介质	08BS Accumulation Chain 08BS 积放链条



⚠ Conveyor Load Capacity ≤1.0kg/cm.
 线体长度承载能力≤1.0kg/cm。

Features/Benefits 特征

- PTS2 pallet conveyor is a modular and multi-talented conveyor, which is used for medium load capacity and guarantees economic production.
 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。
- Due to its modular components, it can be adapted to suit specific production conditions and in conjunction with specific units including rotate unit, curve and lift and transverse unit.
 易于实现积放输送, 配合转台、圆带转弯、顶升横移及升降机机构使用, 实现柔性自动化循环控制。
- T slot aluminum profile frame for easy accessory attachment.
 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)。

Industries Served 应用

Factory Automation, Home Appliances, Electronics, Automobile Parts ect.
 工厂自动化、汽车零部件、家电、电子等。

Ordering Reference 订购

PTS2---M---V---BWT---L---H---OP---F1---C1---A0---SR

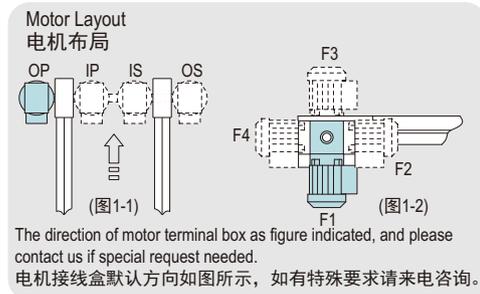


Example 订货范例:

PTS2---M300---V16---BWT160---L2000---H800---OP---F1---C1---A0

PTS2 pallet conveyor---max. load capacity 300kg---conveyor speed 16m/min---pallet width 160mm---conveyor length 2000mm---transport height 800mm
 ---motor position at OP---motor direction of F1---steel chain---without chain cover.

PST2 托盘输送机---满载负载300kg---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---电机位置OP
 ---电机方向F1---钢质轮链条---不带防护盖。



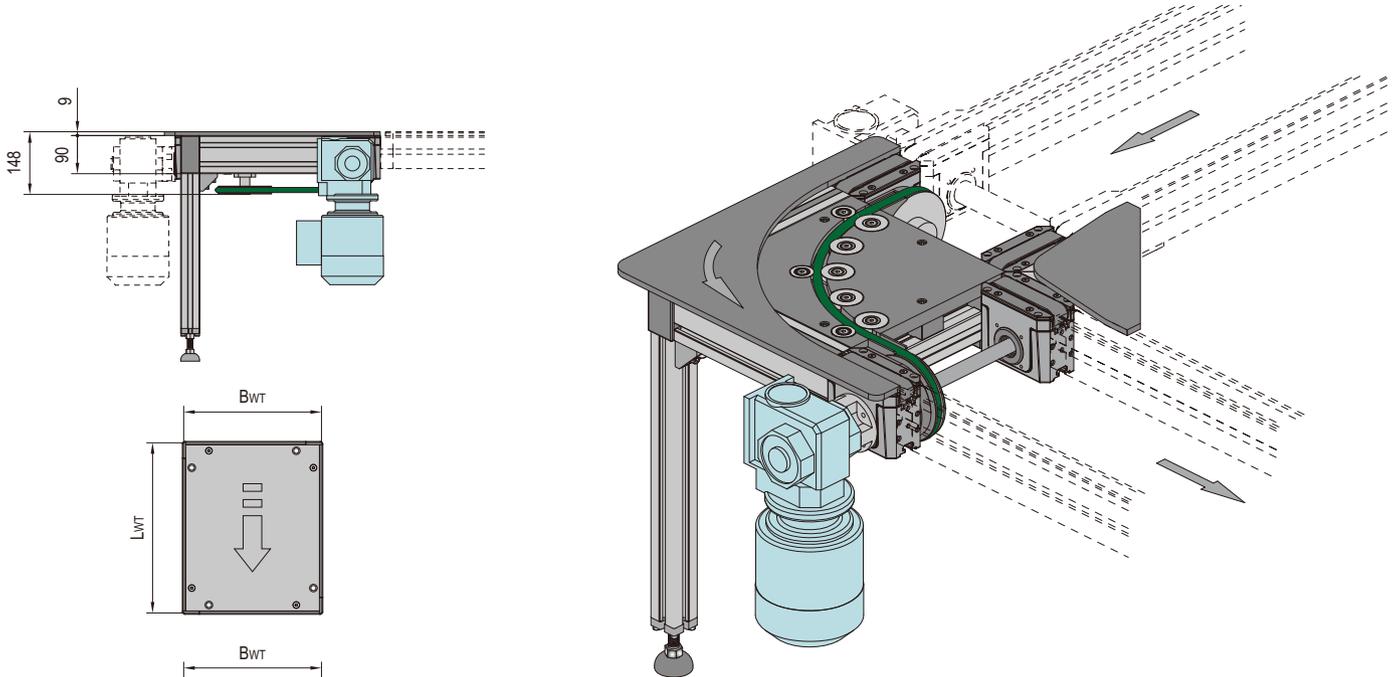
90° Round Belt Curve

90° 圆带转弯

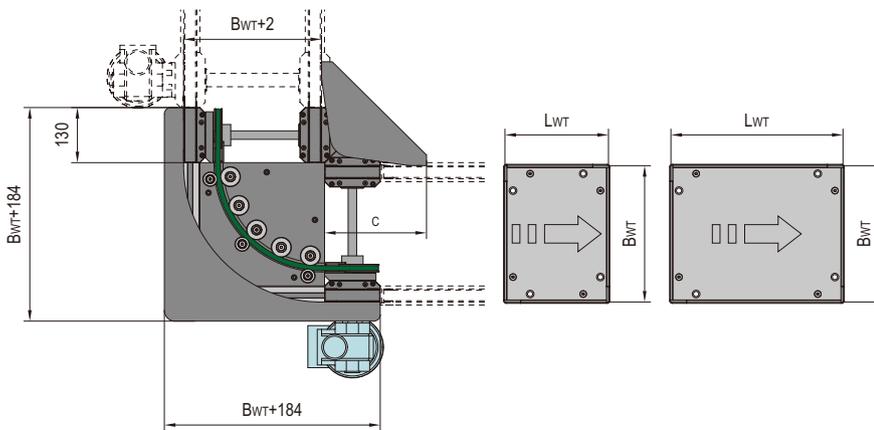
90° Round Belt Curve (self-powered)

90° 圆带转弯(独立动力单元驱动)

 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products 非标产品货期请来电咨询



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



BWT (mm)	LWT (mm)	C(PTS1) (mm)	C(PTS2) (mm)
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

- ⚠ Maximum load capacity per pallet ≤ 20kg.
单个托盘满载总重量 ≤ 20kg。
- ⚠ 90° curve conveying of the workpiece pallet one by one without accumulation operation.
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。
- ⚠ Length-width ratio cannot exceed 1.5 time of the pallet itself ($LWT/BWT \leq 1.5$).
输送托盘的长宽比不可超过1.5倍 ($LWT/BWT \leq 1.5$)。

⚠ Standard size of pallet suitable for 90° curve.
适用本机构托盘的标准尺寸。

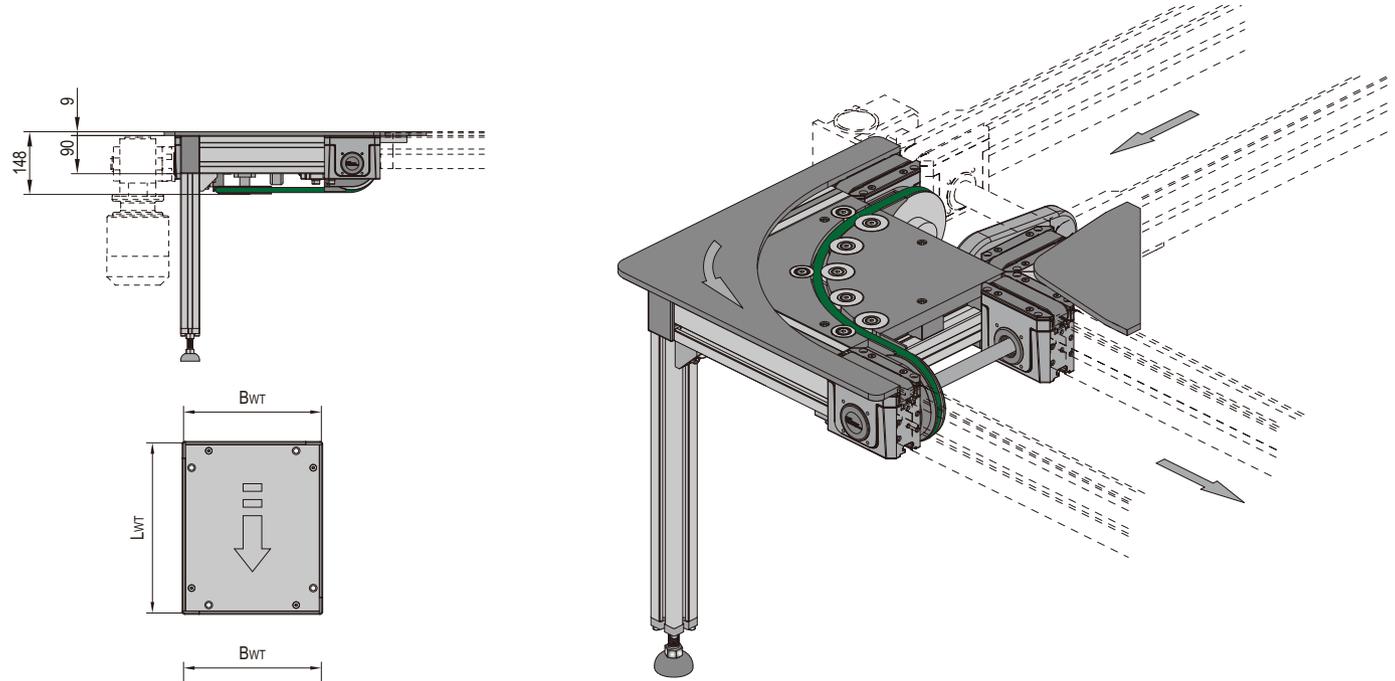
90° Round Belt Curve

90° 圆带转弯

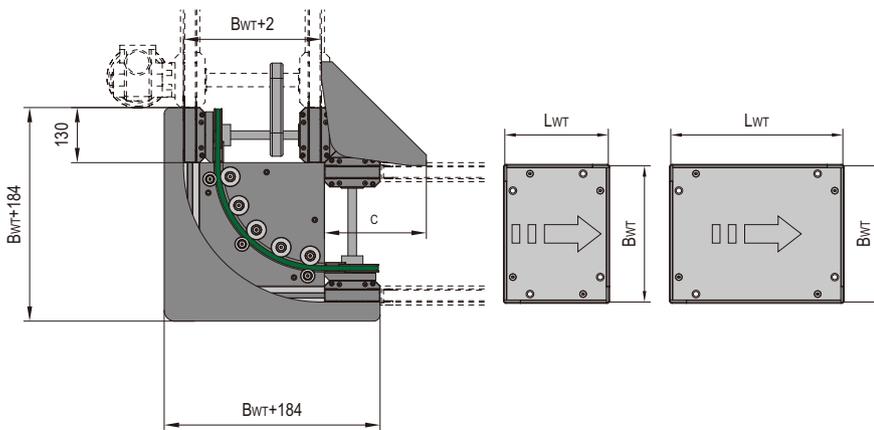
90° Round Belt Curve (slave driven)

90° 圆带转弯(借用线体动力驱动)

 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products 非标产品货期请来电咨询



 Slave driven for economical option.
 借用线体动力驱动经济性好。



BWT (mm)	LWT (mm)	C(PTS1) (mm)	C(PTS2) (mm)
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

-  Maximum load capacity per pallet ≤ 10kg.
单个托盘满载总重量 ≤ 10kg.
-  90° curve conveying of the workpiece pallet one by one without accumulation operation.
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。
-  Length-width ratio cannot exceed 1.5 time of the pallet itself ($LWT/BWT \leq 1.5$).
输送托盘的长宽比不可超过 1.5 倍 ($LWT/BWT \leq 1.5$).

 Standard size of pallet suitable for 90° curve.
 适用本机构托盘的标准尺寸。

Features/Benefits 特征

1. Modular design, easy to assemble and maintenance.
模块化设计、独立部件、结构简单、组装便捷、维护方便。
2. 90° curve conveying of the pallet within the standard pallet width of 320mm and without changing the direction of pallet, and 30kg rotate unit will be recommended for large size of pallet conveying.
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, 若有更大宽度托盘转弯输送的需要, 建议使用30kg 转台。
3. T slot aluminum profile frame for easy accessory attachment.
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)。
4. In conjunction with PTS1 or PTS2 pallet conveyors.
配合PTS1和PTS2托盘输送机使用。

Ordering Reference 订购



Example 订货范例:

PCU90---IN---CW---TT---BWT240---LWT320---H650---V10

90° round belt curve---self-powered---clockwise rotation---PTS1 conveyor for both input and output---pallet width 240mm
---pallet length 320mm---transport height 650mm---curve speed 10m/min.

90° 圆带转弯---独立动力单元驱动---旋转方向顺时针---入口及出口对接线体类型均为PTS1---输送托盘宽度240mm
---输送托盘长度320mm---输送面水平高度650mm---托盘运行速度10m/min。

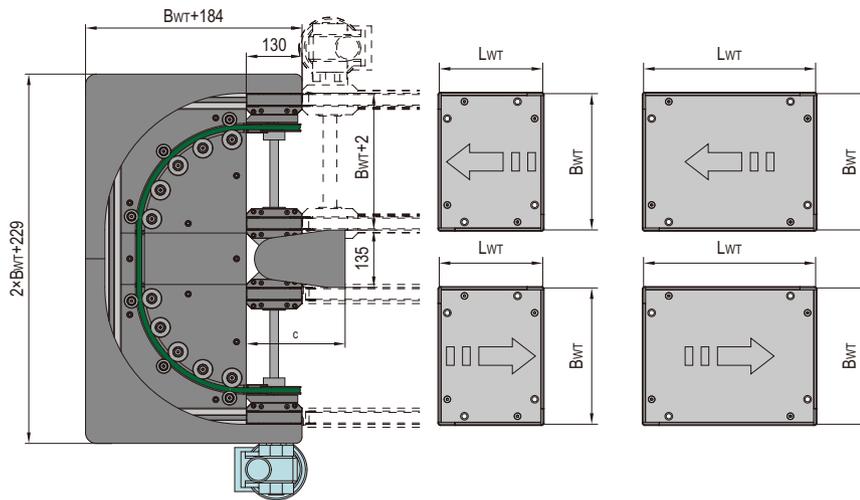
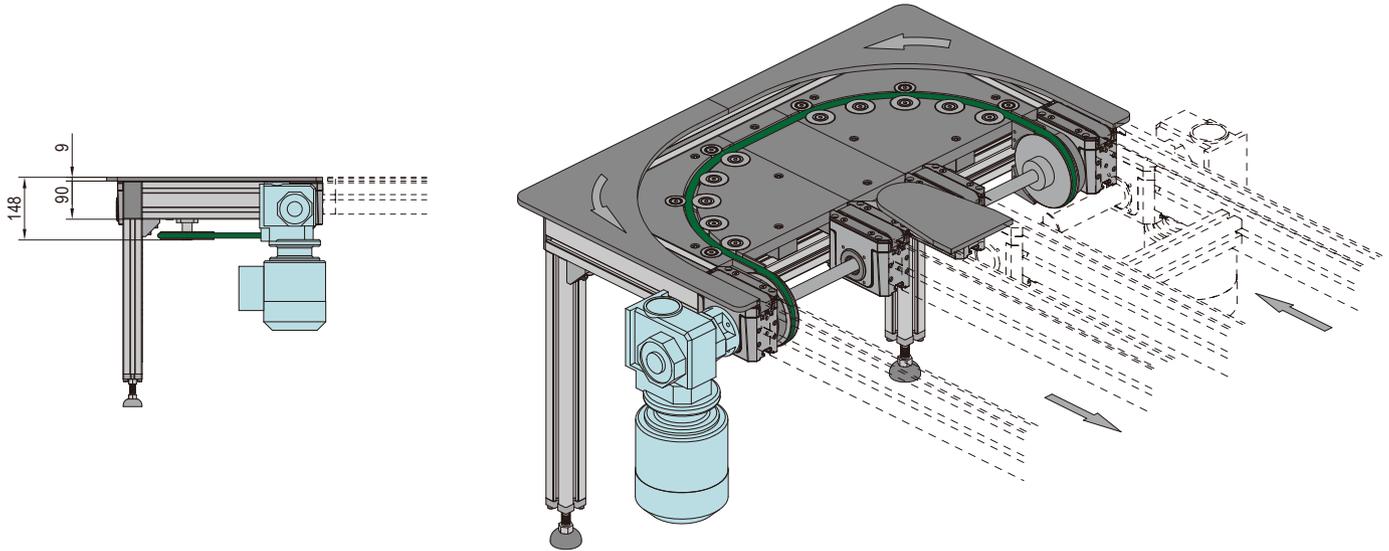
180° Round Belt Curve

180° 圆带转弯

180° Round Belt Curve (self-powered)

180° 圆带转弯(独立动力单元驱动)

 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



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

-  Maximum load capacity per pallet ≤ 20kg.
单个托盘满载总重量 ≤ 20kg。
-  180° curve conveying of the workpiece pallet one by one without accumulation operation.
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。
-  Length-width ratio cannot exceed 1.5 time of the pallet itself ($LWT/BWT \leq 1.5$).
输送托盘的长宽比不可超过1.5倍 ($LWT/BWT \leq 1.5$)。

BWT (mm)	LWT (mm)	C(PTS1) (mm)	C(PTS2) (mm)
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

 Standard size of pallet suitable for 180° curve.
 适用本机构托盘的标准尺寸。

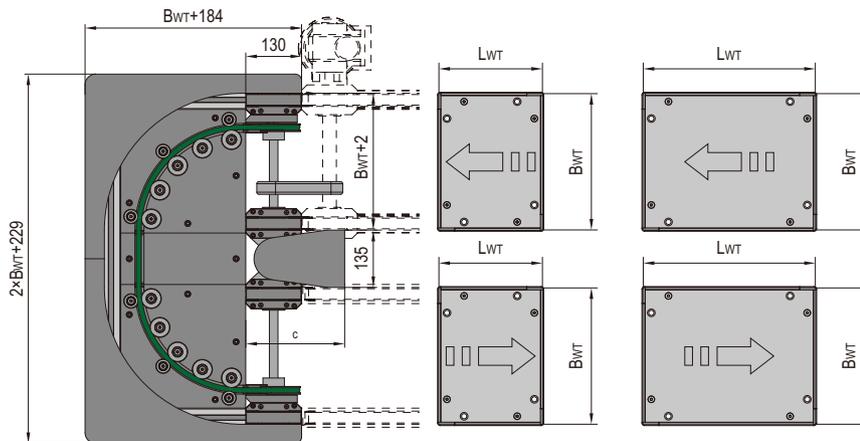
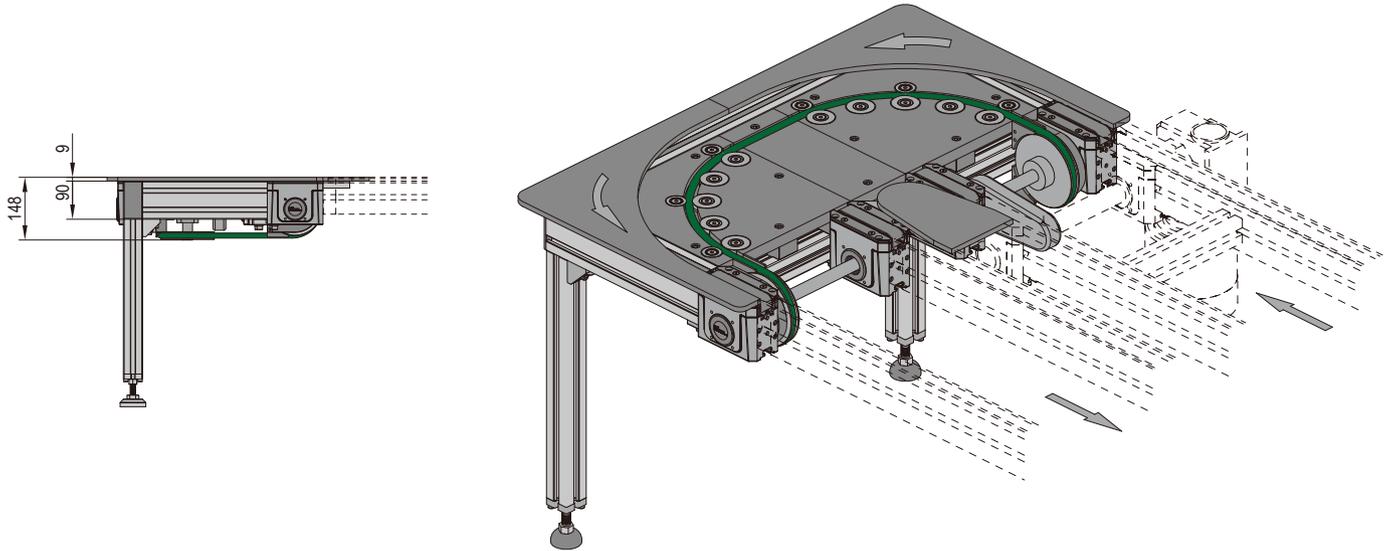
180° Round Belt Curve

180° 圆带转弯

180° Round Belt Curve (slave driven)

180° 圆带转弯(借用线体动力驱动)

 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



 Slave driven for economical option.
 借用线体动力驱动经济性好。

-  Maximum Load capacity per pallet ≤ 10kg.
单个托盘满载总重量 ≤ 10kg。
-  180° curve conveying of the workpiece pallet one by one without accumulation operation.
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。
-  Length-width ratio cannot exceed 1.5 time of the pallet itself (LWT/BWT ≤ 1.5).
输送托盘的长宽比不可超过 1.5 倍 (LWT/BWT ≤ 1.5)。

BWT (mm)	LWT (mm)	C(PTS1) (mm)	C(PTS2) (mm)
160	160	130	130
	240	260	300
240	160	130	130
	240	260	300
	320	260	300

 Standard size of pallet suitable for 180° curve.
 适用本机构托盘的标准尺寸。

Features/Benefits 特征

1. Modular design, easy to assemble and maintenance.
模块化设计、独立部件、结构简单、组装便捷、维护方便。
2. 180° curve conveying of the pallet within the standard pallet width of 320mm and without changing the direction of pallet, and please contact us if large size of pallet needed.
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, 若有更大宽度托盘转弯输送的需要, 请来电咨询。
3. T slot aluminum profile frame for easy accessory attachment.
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)。
4. In conjunction with PTS1 or PTS2 pallet conveyors.
配合PTS1和PTS2托盘输送机使用。

Ordering Reference 订购



Example 订货范例:

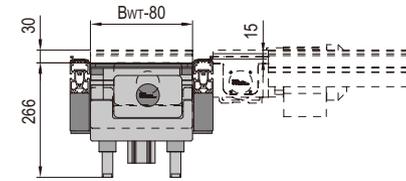
PCU180---IN---CW---TT---BWT240---LWT320---H650---V10

180° round belt curve---self-powered---clockwise rotation---PTS1 conveyor for both input and output---pallet width 240mm
---pallet length 320mm---transport height 650mm---curve speed 10m/min.

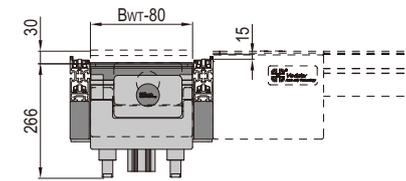
180° 圆带转弯---独立动力单元驱动---旋转方向顺时针---入口及出口对接线体类型均为PTS1---输送托盘宽度240mm
---输送托盘长度320mm---输送面水平高度650mm---托盘运行速度10m/min。

30kg Lift and Transverse Unit
30kg 顶升横移

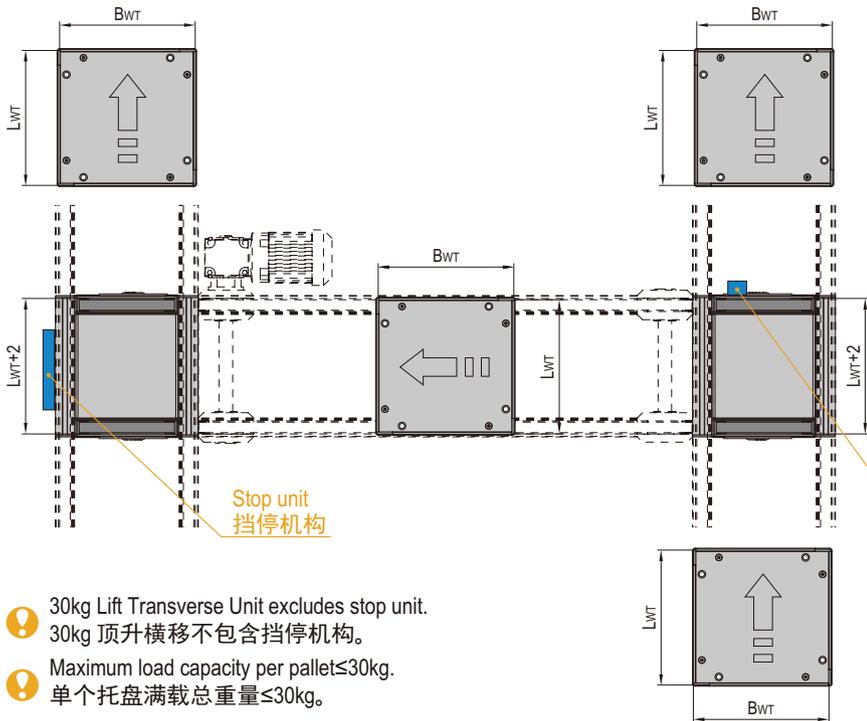
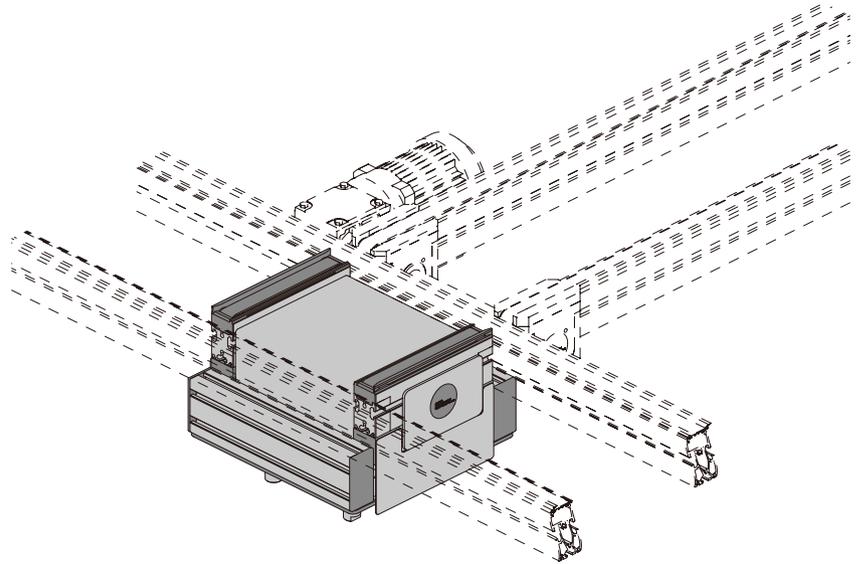
	Delivery 交货期	15	Workday 工作日
 Please contact us for non-standard products 非标产品货期请来电咨询			



▲ Main Conveyor of PTS1
主线体为PTS1



▲ Main Conveyor of PTS2
主线体为PTS2



BWT (mm)	LWT (mm)
320	320
	400
	480
400	320
	400
	480
480	320
	400
	480

- ⚠ 30kg Lift Transverse Unit excludes stop unit.
30kg 顶升横移不包含挡停机构。
- ⚠ Maximum load capacity per pallet ≤ 30kg.
单个托盘满载总重量 ≤ 30kg。

- ⚠ Standard size of pallet for 30kg lift and transverse unit.
适用本机构托盘的标准尺寸。
- ⚠ Please contact us for non-standard size of pallet.
如对托盘尺寸有特殊要求, 可非标定制, 请来电咨询。

Features/Benefits 特征

1. Modular design, easy to assemble and maintenance.
模块化设计、独立部件、结构简单、组装便捷、维护方便。
2. Lift and transverse unit move the workpiece pallets from a transverse conveyor section onto a longitudinal conveyor section with changing direction of pallet.
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。
3. T slot aluminum profile frame for easy accessory attachment.
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)。
4. In conjunction with PTS1 or PTS2 pallet conveyors.
配合PTS1和PTS2托盘输送机使用。
5. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。
6. Not suitable for pallet with size of BWT<320mm or LWT<320mm, for non-standard unit, please contact us for details.
托盘BWT<320mm或LWT<320mm时不适用此标准机构，另有非标机构可以订制，如有需要请来电咨询。

Ordering Reference 订购



Example 订货范例:

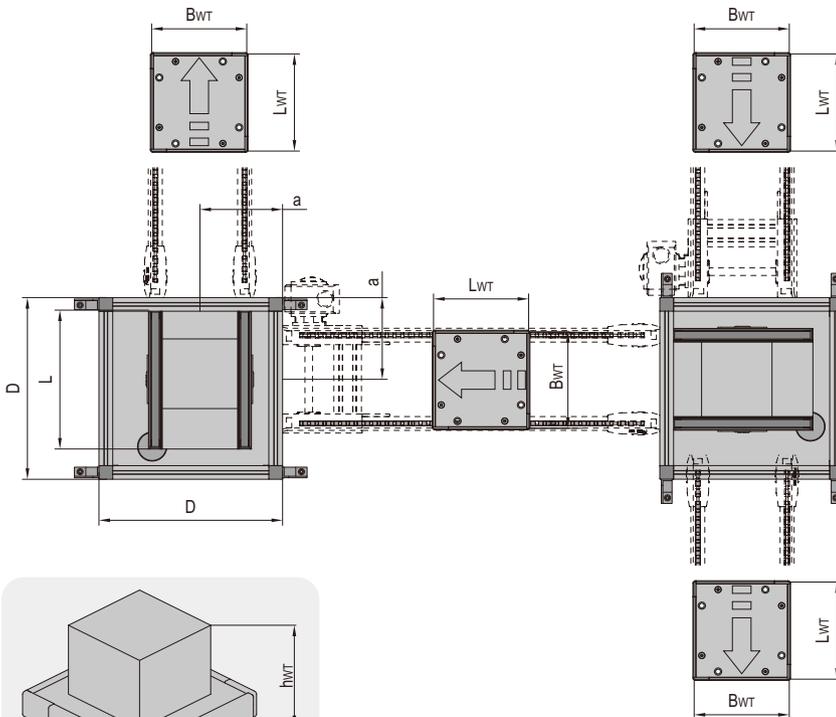
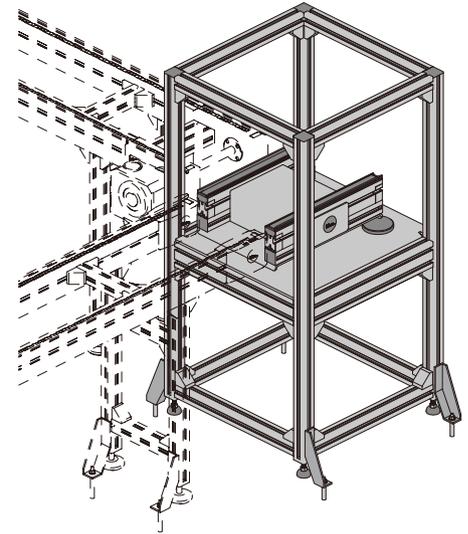
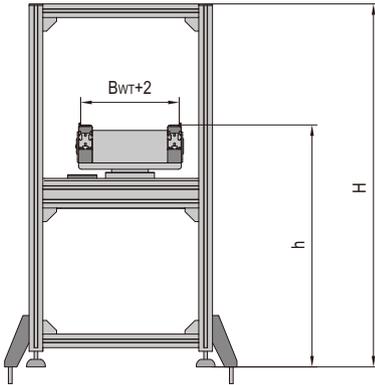
PLT30---T---BWT320---LWT320---V10

30kg lift and transverse unit---main conveyor of PTS1---pallet width of main conveyor 320mm--pallet length of main conveyor 320mm
---conveyor speed 10m/min.

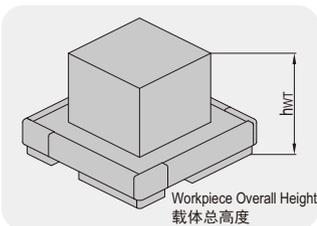
30kg 顶升横移---对接主线体类型为PTS1---主线体的输送托盘宽度320mm---主线体的输送托盘长度320mm
---托盘运行速度10m/min。

30kg Rotate Unit
30kg 转台

 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



BWT (mm)	LWT (mm)	L (mm)	a (mm)	D (mm)
320	240	400	240	550
320	460	270	600	
400	540	310	675	
480	620	350	750	
400	240	480	280	645
320	480	280	645	
400	540	310	700	
480	620	350	770	
480	240	560	320	740
320	560	320	740	
400	560	320	740	
480	620	350	795	



Maximum load capacity per pallet ≤ 30kg.
单个托盘满载总重量 ≤ 30kg.

Pay attention when selecting: $H \geq h + hWT + 90mm$.
选型时须注意: $H \geq h + hWT + 90mm$.

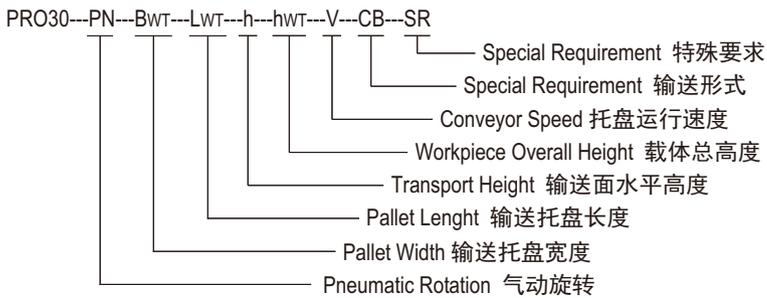
The pneumatic non-returning valve is included to keep the rotate unit stable, and please contact us for special request.
为保证机构转动平稳, 标配气控单向阀, 若有特殊要求请来电咨询。

Standard size of pallet suitable for 30kg rotate unit.
适用本机构托盘的标准尺寸。

Features/Benefits 特征

1. Modular design, easy to assemble and maintenance.
模块化设计、独立部件、结构简单、组装便捷、维护方便。
2. Rotate unit with pneumatic cylinder conveying of the pallet 90° curve without changing the direction of pallet.
铝型材框架结构标准气缸转动，可实现托盘输送的90°转弯，不改变托盘的输送方向。
3. T slot aluminum profile frame for easy accessory attachment.
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)。
4. In conjunction with PTS1 or PTS2 pallet conveyors.
配合PTS1和PTS2托盘输送机使用。
5. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。
6. The minimum pallet width permitted of 30kg rotate unit is 320mm, and please select 90° round belt curve or contact us if smaller size pallet needed.
30kg 转台可实现最小宽度为320mm标准托盘的转弯输送，若有更小托盘的输送需求，请使用90°圆带转弯或来电咨询。

Ordering Reference 订购



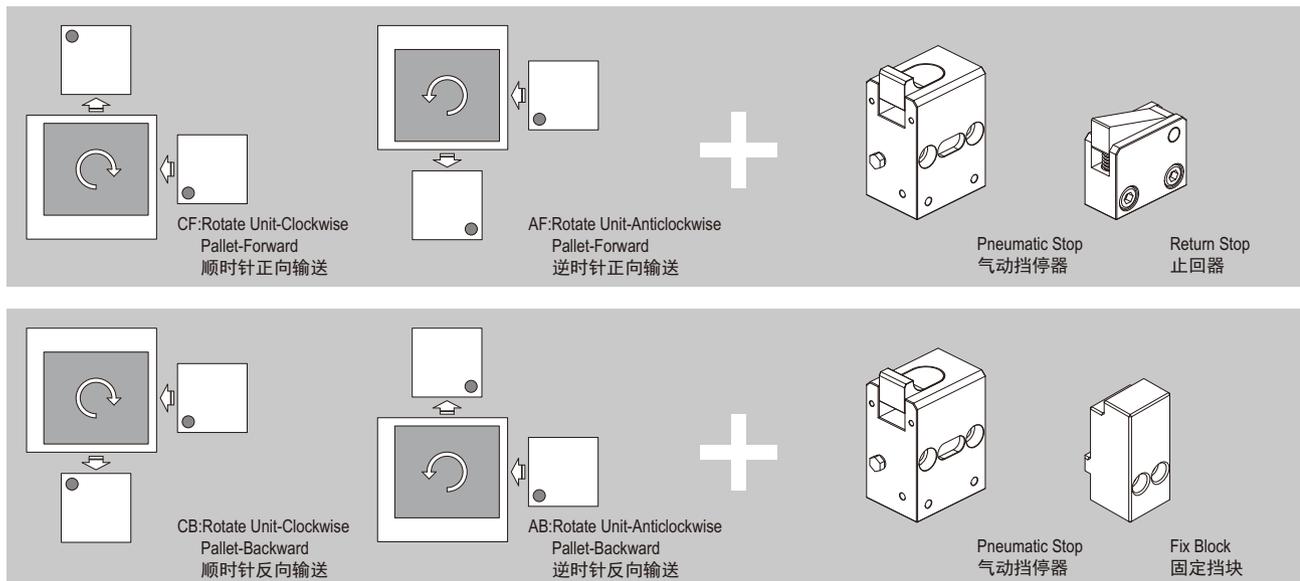
Example 订货范例:

PRO30---PN---BWT320---LWT400---h650---hWT100---V10---CB

30kg rotate unit---pneumatic rotation---pallet width 320mm---pallet length 400mm---transport height 650mm
workpiece overall height 100mm---conveyor speed 10m/min---Rotate Unit: Clockwise Pallet: Backward.

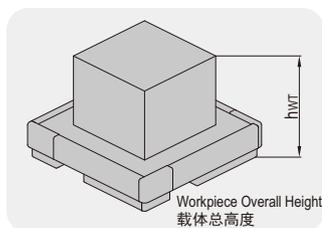
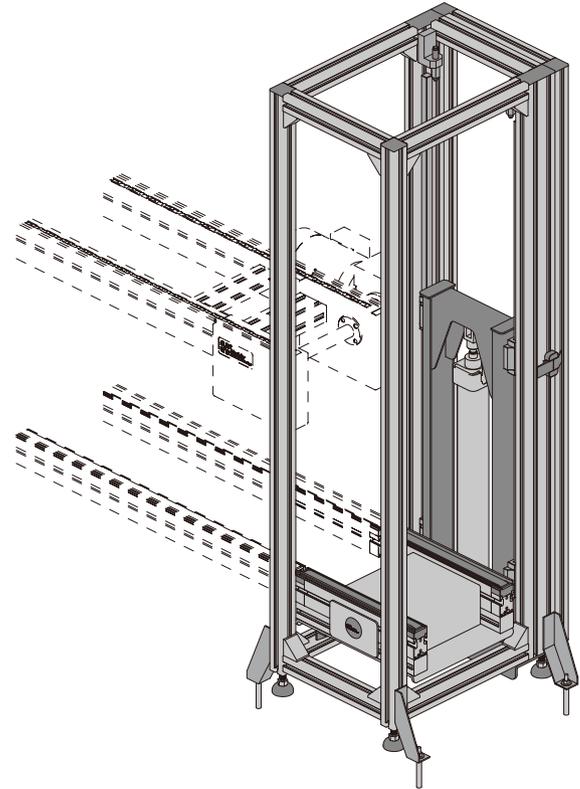
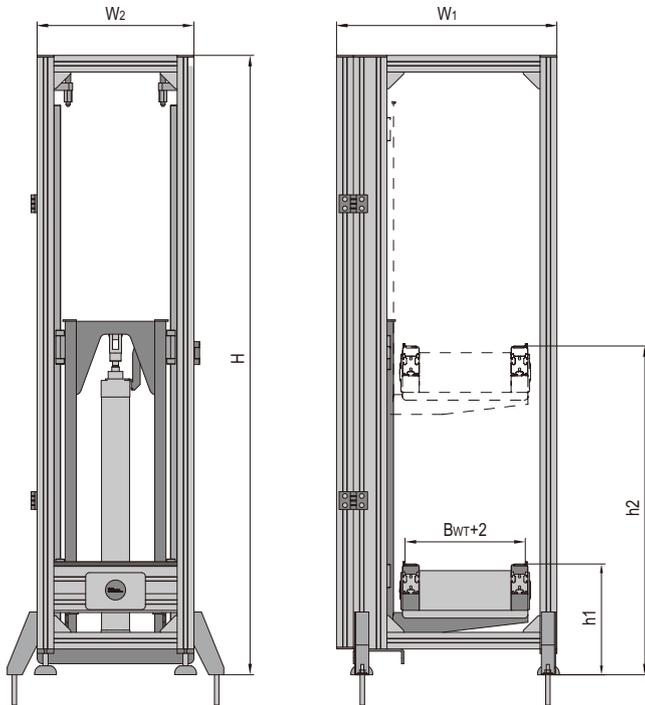
30kg 转台---气动旋转---输送托盘宽度320mm---输送托盘长度400mm---输送面水平高度650mm---载体总高度为100mm
---托盘运行速度10m/min---顺时针反向输送。

Conveying method 输送形式



30kg Lift Unit
30kg 升降机


 Delivery 交货期 **20** Workday 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



Maximum load capacity per pallets ≤ 30kg.
单个托盘满载总重量 ≤ 30kg。

Pay attention when selecting: When upper conveyor is PTS1, $h_2 - h_1 \geq h_{WT} + 130$;
When lower conveyor is PTS2, $h_2 - h_1 \geq h_{WT} + 230$.
选型时须注意: 当上层线体选用PTS1时, $h_2 - h_1 \geq h_{WT} + 130$;
当上层线体选用PTS2时, $h_2 - h_1 \geq h_{WT} + 230$ 。

The pneumatic non-returning valve is included to keep the rotate unit stable, and please contact us for special request.
为保证机构升降平稳, 标配气控单向阀, 若有特殊要求请来电咨询。

Suitable for all standard size of WP2 workpiece pallet.
适用所有标准尺寸的WP2托盘。

BWT (mm)	W1 (mm)	LWT (mm)	W2 (mm)
160	530	160	420
240	530	240	420
320	590	320	420
400	670	400	500
480	750	480	580

Features/Benefits 特征

1. Modular design, easy to assemble and maintenance.
模块化设计、独立部件、结构简单、组装便捷、维护方便。
2. Lift unit is used to transfer workpiece pallets vertically between upper and lower conveyor sections with changing the direction of pallets.
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。
3. T slot aluminum profile frame for easy accessory attachment.
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)。
4. In conjunction with PTS1 or PTS2 pallet conveyors.
配合PTS1和PTS2托盘输送机使用。
5. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。
6. Suitable for all standard size of WP2 workpiece pallet.
适用所有标准尺寸的WP2托盘。

Ordering Reference 订购



Example 订货范例:

PLI30---PN---BWT320---LWT320---h1350---h2750---V10

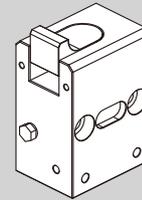
30kg lift unit---pneumatic lift---pallet width 320mm---pallet length 320mm---transport height of lower conveyor 350mm
---transport height of upper conveyor 750mm---conveyor speed 10m/min.

30kg 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。

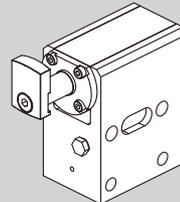
Pneumatic Stop
气动挡停器

Pneumatic stop is an important part of the pallet transfer system, which is used to halt and separate workpiece pallets on the conveyor. 模块化气动挡停器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、通过及分盘，以实现托盘输送过程的自动化柔性控制。

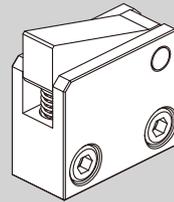
Pneumatic Stop
气动挡停器



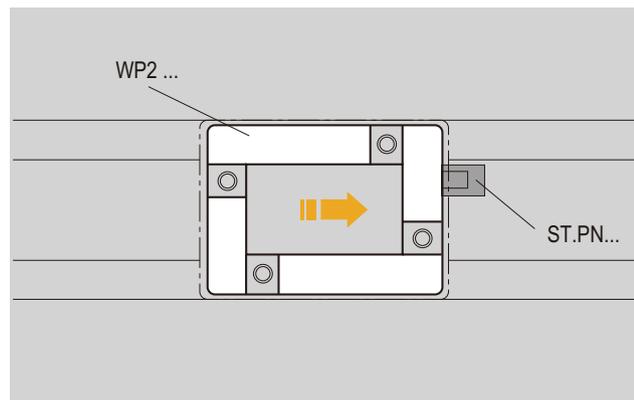
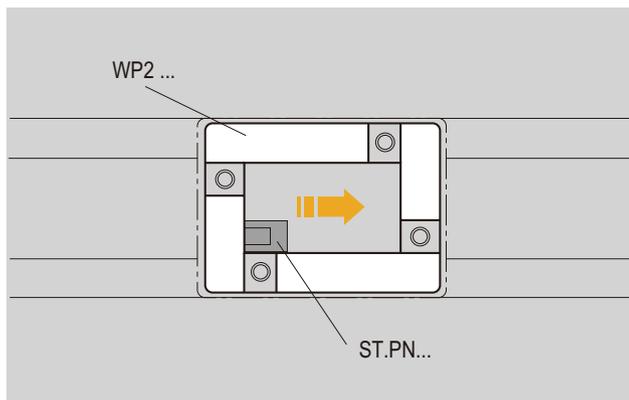
Pneumatic Damping Stop
气动缓冲挡停器



Return Stop
止回器

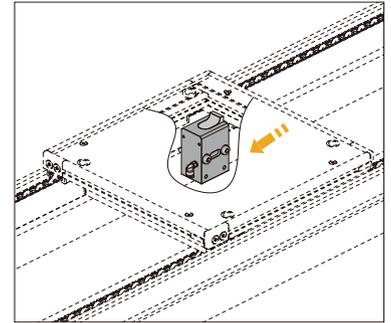
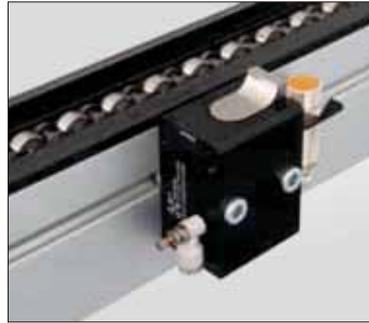
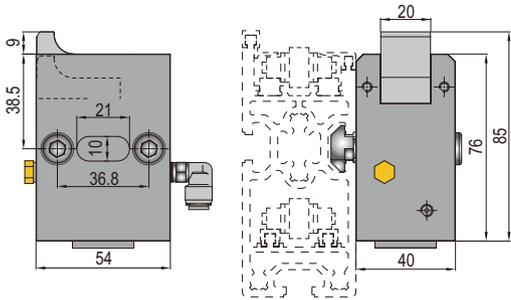


Pneumatic Stop Application
挡停器应用方式

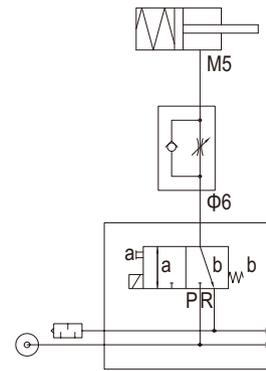


Pneumatic Stop
气动挡停器

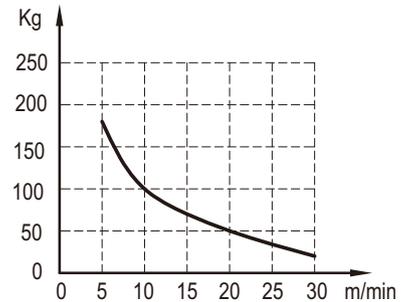
Delivery 交货期 **05** Workday 工作日
 Please contact us if order quantities more than 100pcs
 订单≥100套时货期请来电咨询



Wiring Diagram
线路图



Stop Ability Diagram
挡停能力图



Introduction 产品介绍

Pneumatic stop is used on conveyors at defined locations where it is monitored whether a pallet is standing at a stop or has passed it when conveyed at speeds up to 30m/min or at loads up to 180kg.

气动挡停器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，适用于托盘最大速度至30m/min或最大负载为180kg的挡停(详见挡停能力图)。

Specification 技术信息

Pressure range: compressed filtered air 0.4~0.8Mpa.
 Quick joint: ventilation hose of 6mm in outer diameter.
 Pneumatic stop emits less than 50dB of noise during operation, and control valve can be used to lower noise.

压力范围-----净化压缩空气：0.4~0.8Mpa。
 快速接头-----外径为Φ6mm的通气软管。
 本挡停器运行噪音小于50dB，如需要进一步降低工作产生的噪声，可以使用节流阀。

Stop Ability 挡停能力

The graph on the right shows the relationship between the queue loads(the load including the weight of workpiece and empty pallet) against the conveyor speed .

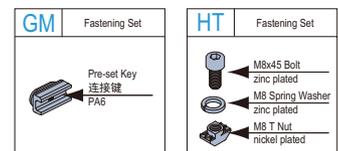
右图表示挡停器可挡停的负载(产品重量+托盘重量)和托盘运行速度之间的函数关系。

Material 材质

Main Body: aluminum alloy (black);
 Stop Rod: nickel plated steel.
 主壳体-----铝合金(黑色);
 止动杆-----碳钢镀镍。

In conjunction with PTS1 or PTS2 pallet conveyors.
 配合PTS1和PTS2托盘输送机使用。

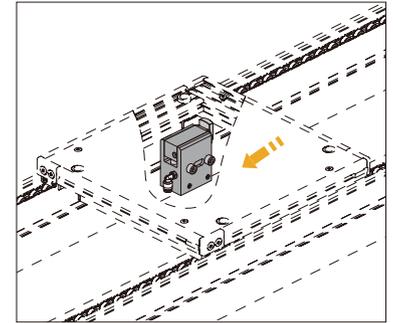
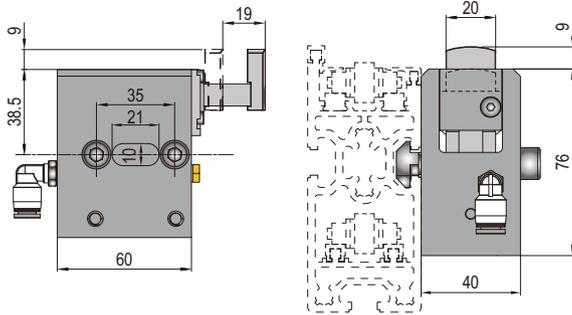
Description 产品描述	Fastening Set 紧固组件	Mass (g) 重量 (g)	Part No. 订购编号
Pneumatic Stop 气动挡停器	2xHT+1xGM	613	ST.PN.01



Pneumatic Damping Stop
气动缓冲挡停器

Delivery 交货期 **05** Workday 工作日

Please contact us if order quantities more than 50pcs
订单量≥50套时交货期请来电咨询



Introduction 产品介绍

Pneumatic damping stop is used to stop and separate pallets on conveyors where shock sensitive and fragile parts are conveyed at speeds of up to 20m/min or at loads up to 60kg. The damping can be adjusted by adjusting bolt behind the stop.

气动缓冲挡停器用于托盘平稳缓冲停止与分离的场合，可避免托盘受到硬性阻挡而产生的反弹。通过挡停器背面的调节螺钉调节缓冲的力度。该挡停器可适用于当托盘最大速度至20m/min或最大负载为60kg的挡停(详见挡停能力图)，每次只可以挡停一个托盘。

Specification 技术信息

Pressure range: compressed filtered air 0.4~0.8Mpa.
Quick joint: ventilation hose of 6mm in outer diameter.
Pneumatic stop emits less than 50dB of noise during work but we can use with control valves to achieve less noise.

压力范围-----净化压缩空气：0.4~0.8Mpa。
快速接头-----外径为Φ6mm的通气软管。
本挡停器运行噪音小于50dB，如需要进一步降低工作产生的噪声，可以使用节流阀。

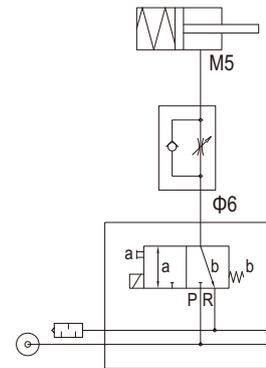
Stop Ability 挡停能力

The graph on the right shows the relationship between the queue loads(the load include the weight of workpiece and empty pallet) against the conveyor speed .
右图表示挡停器可挡停的负载(产品重量+托盘重量)和托盘运行速度之间的函数关系。

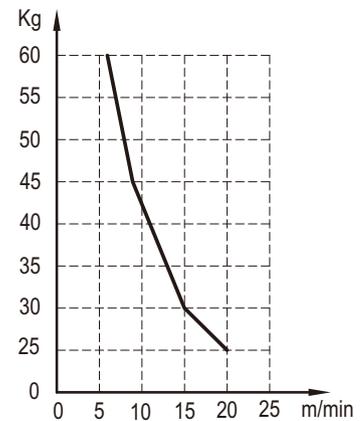
Material 材质

Main Body: aluminum alloy (black);
Stop Rod: nickel plated steel.
主壳体-----铝合金(黑色);
止动杆-----碳钢镀镍。

Wiring Diagram
线路图

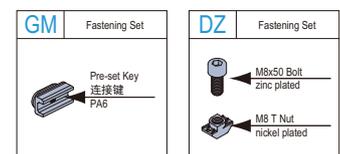


Stop Ability Diagram
挡停能力图



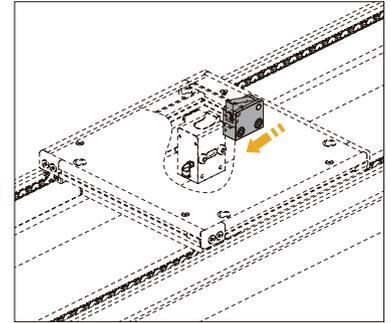
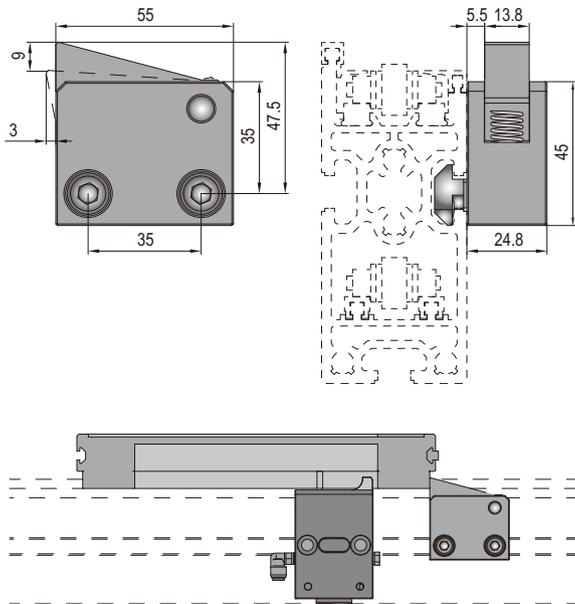
! In conjunction with PTS1 or PTS2 pallet conveyors.
配合PTS1和PTS2托盘输送机使用。

Description 产品描述	Fastening Set 紧固组件	Mass (g) 重量 (g)	Part No. 订购编号
Pneumatic Damping Stop 气动挡停器	2x DZ +1x GM	563	ST.PN.02



Return Stop
止回器


 Delivery 交货期 **05** Workday 工作日
 Please contact us if order quantities more than 50pcs
 订购≥50套时货期请来电咨询



Introduction 产品介绍

Return stop is used to prevent workpiece pallets from returning backwards and is used primarily for PTS2 pallet conveyors. 止回器用于克服托盘由无缓冲气动挡停器阻挡时造成的反弹，主要应用于托盘在PTS2输送机上的止回。

Stop Ability 挡停能力

Minimum return capacity of pallet is 3kg;
Maximum return capacity of pallet is 60kg.
最小止回托盘满载总重量为3kg;
最大止回托盘满载总重量为60kg。

Material 材质

Main Body: nickel plated steel;
Stop Rod: nickel plated steel.
主壳体-----碳钢镀镍;
止动杆-----碳钢镀镍。

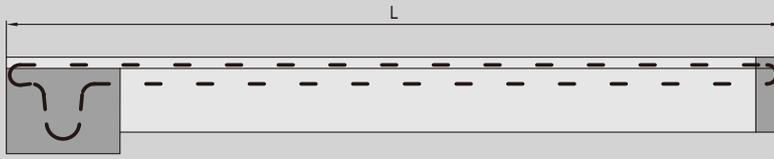
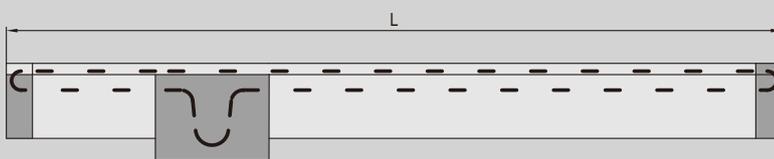
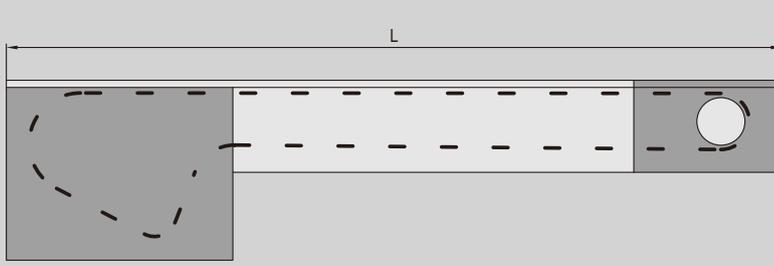
Description 产品描述	Fastening Set 紧固组件	Mass (g) 重量 (g)	Part No. 订购编号
Return Stop 止回器	2XGI	469	RS.01

GI	Fastening Set
	M8x25 Bolt zinc plated
	M8 Spring Washer zinc plated
	M8 T Nut nickel plated

Length of conveying medium
传输介质长度

The length of conveying medium is determined by the conveyor length, as following is the length of conveying medium based on different conveyors.

PTS1及PTS2的传输介质长度可根据传输线的长度计算得到，根据机型的不同，其传输介质长度如下图所示：

	<p>PTS1-End Drive: (T5 Tooth Belt) Belt length=$2*L+105$</p>  <p>PTS1 端驱动: (T5 齿形带) 传送带长度=$2*L+105$</p>
	<p>PTS1-Mid Drive: (T5 Tooth Belt) Belt length=$2*L+105$</p>  <p>PTS1 中间驱动: (T5 齿形带) 传送带长度=$2*L+105$</p>
	<p>PTS2: (08B Roller Chain) Chain length=$2*L+50$</p>  <p>PTS2: (08B 积放链条) 链条长度=$2*L+50$</p>



PTS4 pallet conveyor PTS4 线体

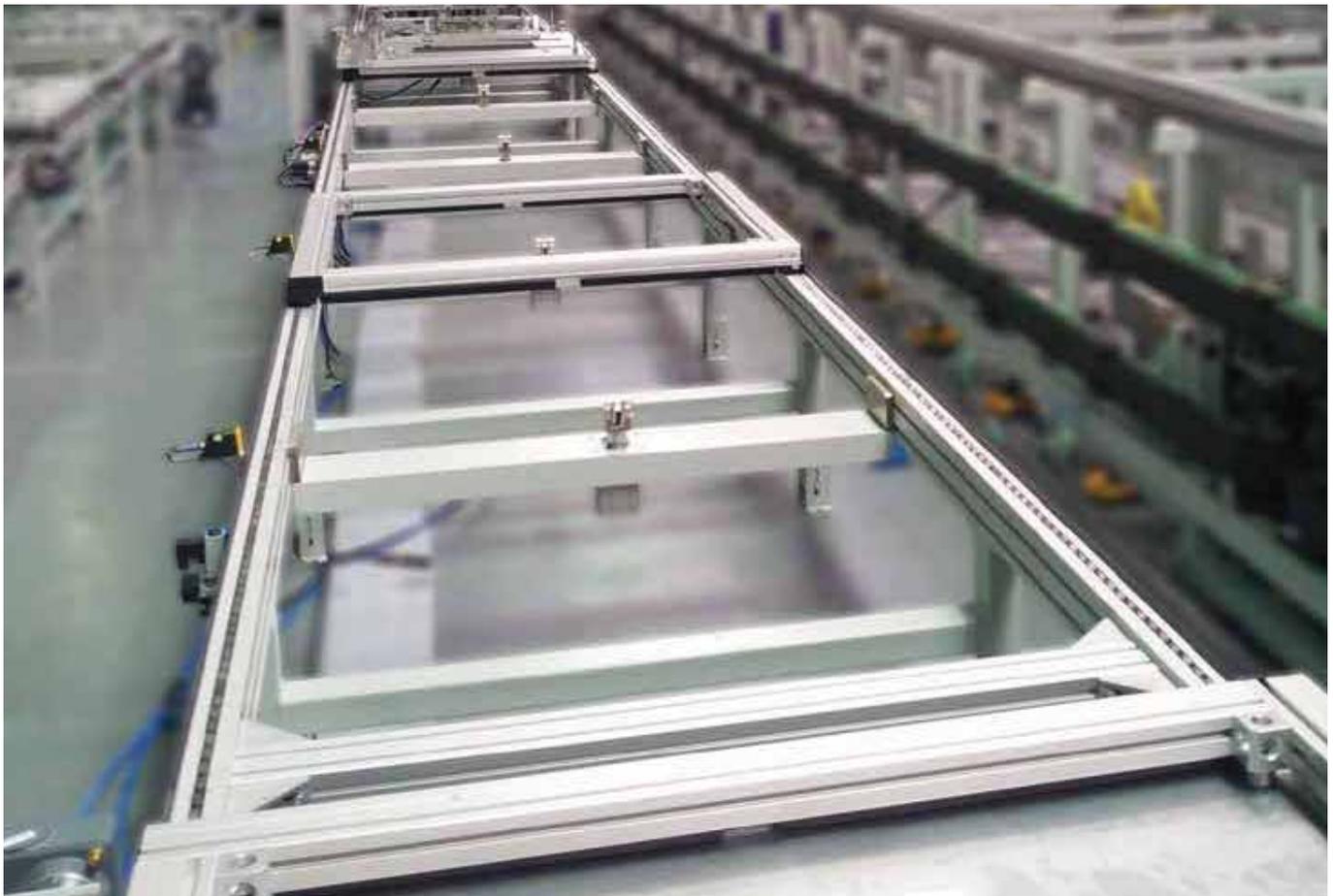
PTS4 Pallet Conveyor PTS4 托盘输送机

Industries Served 应用

Factory Automation, Automobile Parts ect, Home Appliances, Electronics.;
工厂自动化、汽车零部件、家电、电子等；

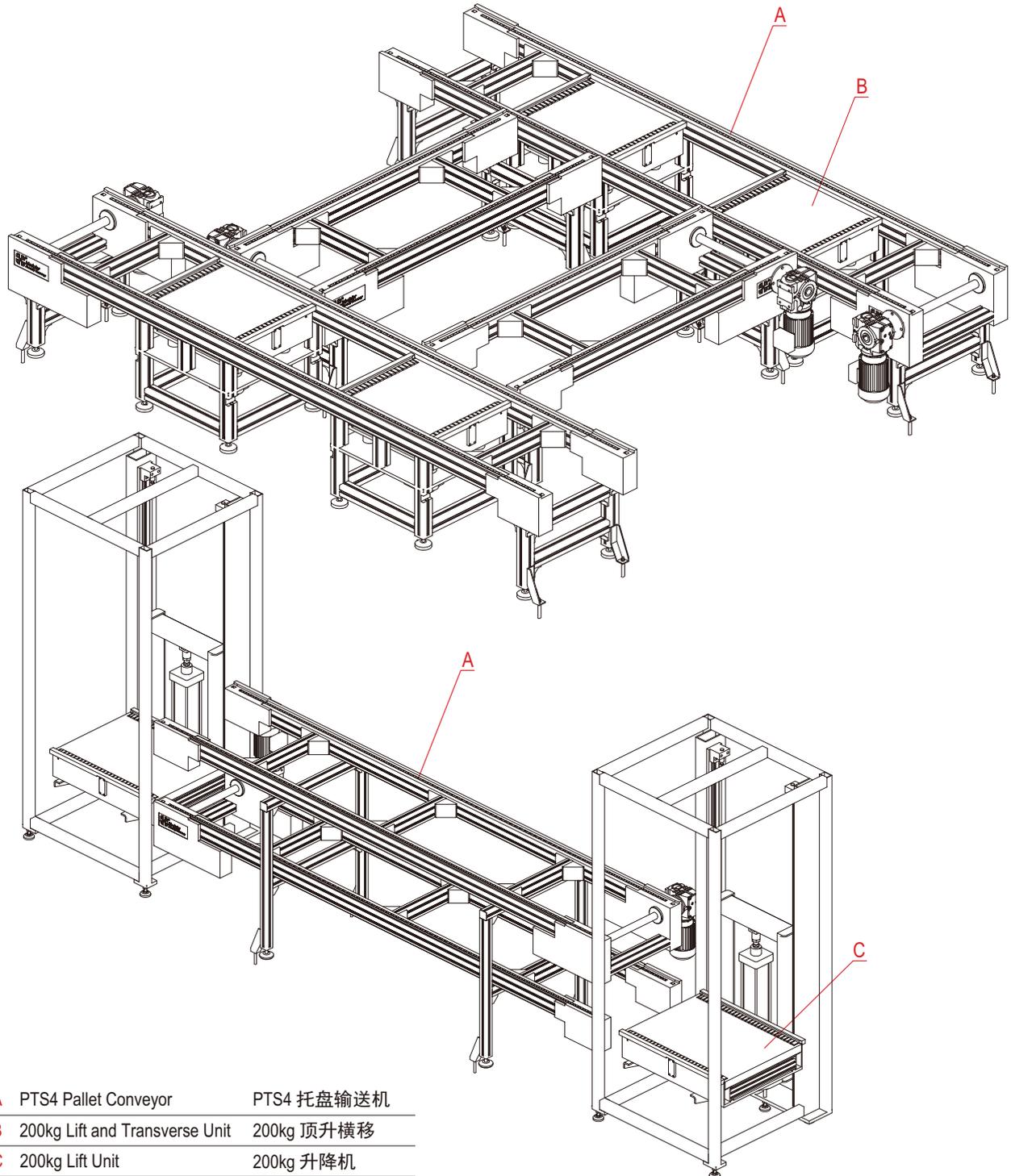


200kg lift and transverse unit 200kg顶升横移



PTS4 assembly line (for car sunroof) PTS4 环形线体(汽车天窗生产线)

PTS4 Pallet Conveyor
PTS4 托盘输送系列

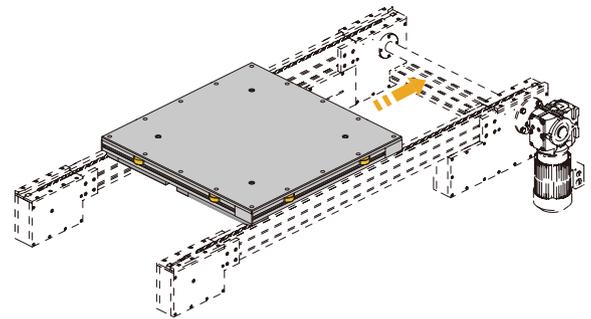
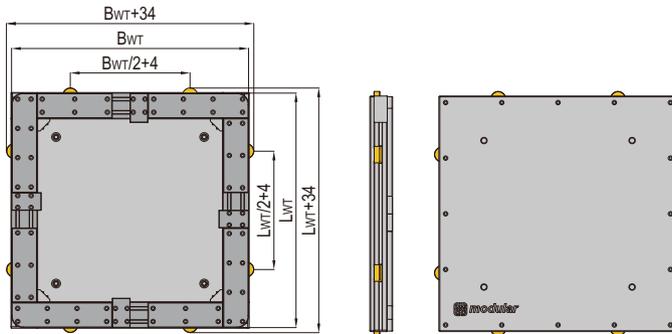


- | | | |
|---|--------------------------------|------------|
| A | PTS4 Pallet Conveyor | PTS4 托盘输送机 |
| B | 200kg Lift and Transverse Unit | 200kg 顶升横移 |
| C | 200kg Lift Unit | 200kg 升降机 |

PTS4 pallet conveyor is suitable for maximum load of 200kg per pallet and could freely combined with other units to suit for specific production conditions.

PTS4 托盘输送系列适用于单个托盘满载总重量在200kg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。

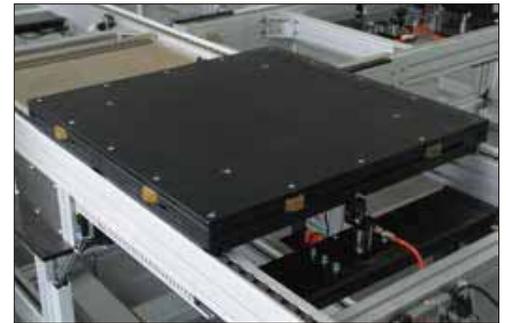
WP4 Workpiece Pallet
WP4 托盘



 In conjunction with PTS4 pallet conveyors.
配合PTS4托盘输送机使用。

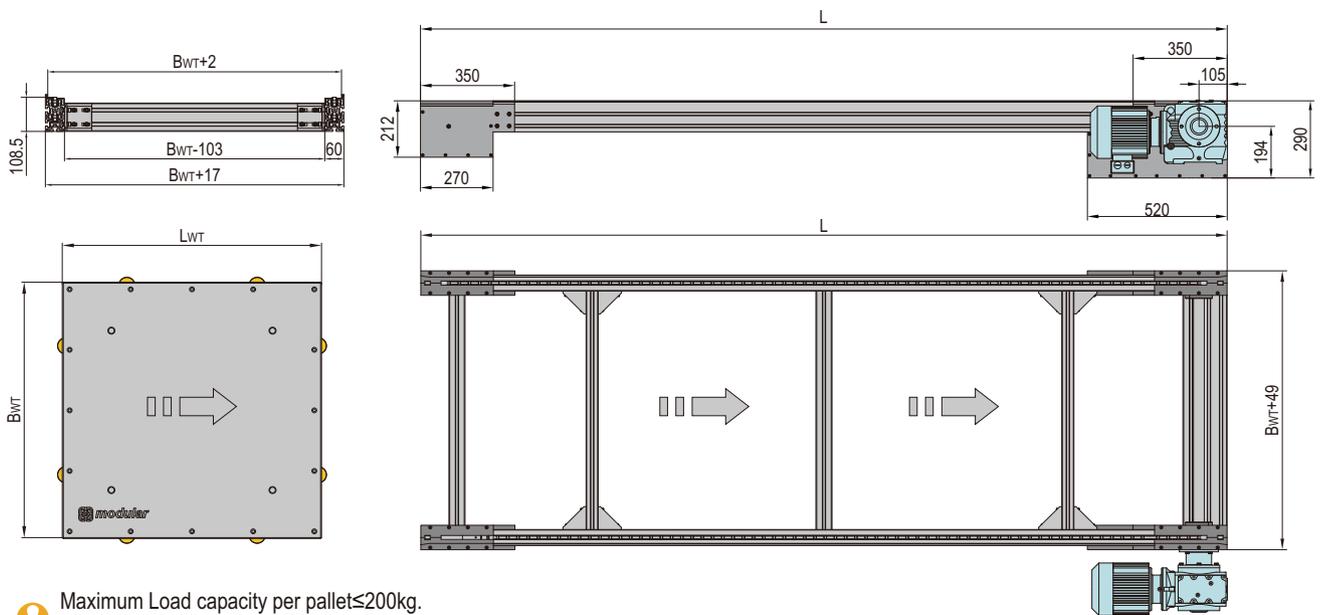
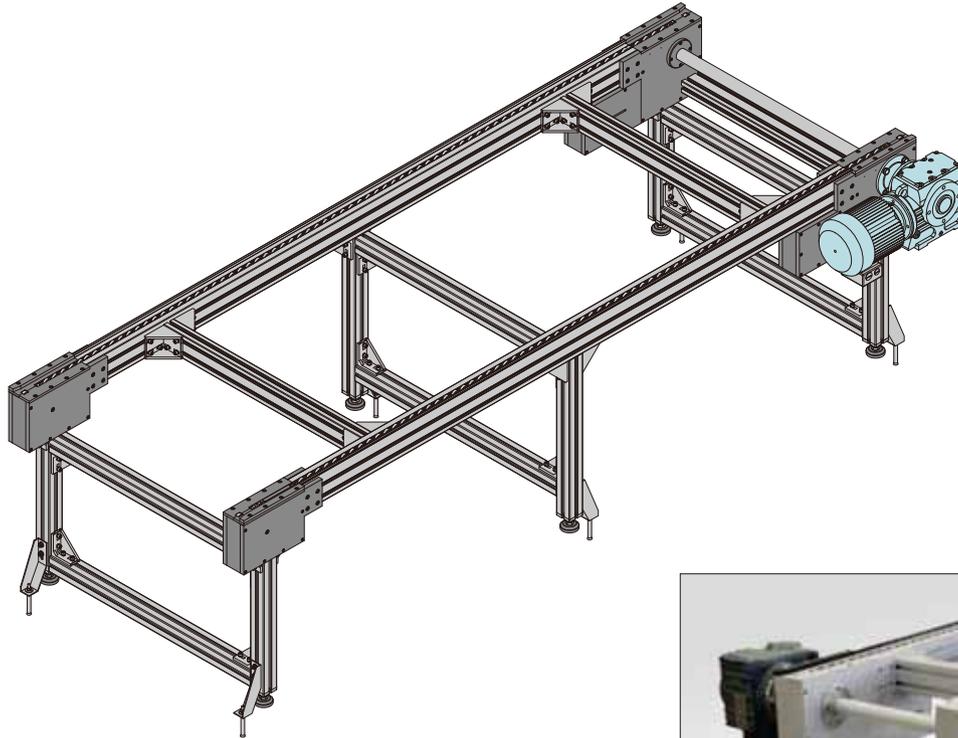
Features/Benefits 特征

1. The WP4 workpiece pallet consist of aluminum frame, support plates and friction strip.
使用高强度铝合金型材、板材及尼龙摩擦垫条构建，结构可靠。
2. Using positioning bushings for a positioning accuracy of $\pm 0.1\text{mm}$.
可使用定位销套对托盘进行定位，定位精度为 $\pm 0.1\text{mm}$ 。



Description 产品描述	Pallet Size Bwt (mm) 托盘尺寸Bwt (mm)	Pallet Size Lwt (mm) 托盘尺寸Lwt (mm)	Max. Uniform Load (kg) 最大均布载荷 (kg)	Part No. 订购编号
WP4 Workpiece Pallet WP4 托盘	600-1200	600-1200	200	WP4.Bwt.Lwt

PTS4 Pallet Conveyor
PTS4 托盘输送机



- ⚠ Maximum Load capacity per pallet $\leq 200\text{kg}$.
单个托盘满载总重量 $\leq 200\text{kg}$.
- ⚠ Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden.
必须按照图示方向输送托盘，禁止反向输送。

Specifications 规格配置

Conveyor Length 线体长度	1000≤L≤18000mm
Pallet Width 托盘宽度	400≤BWT≤1200mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	2000kg
Max. Conveyor Speed 最大满载运行速度	V max.=20m/min
Conveying Medium 传输介质	12BS Accumulation Chains 12BS积放链条

Features/Benefits 特征

1. Modular design, easy to assemble and maintenance.
模块化设计, 外形美观, 便于维护;
2. Suitable for heavy load capacity which can achieve positioning control and accumulation;
适合重载托盘输送, 托盘可实现定位、堆积等功能;
3. T slot aluminum profile frame for easy accessory attachment.
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)。
4. In conjunction with rotate units, curves and lift transverse units to achieve automation cycle control.
可配合转台、升降机、顶升横移使用, 实现自动化循环控制。

Industries Served 应用

Factory Automation, Automobile Parts ect, Home Appliances, Electronics.
工厂自动化、汽车零部件、家电、电子等。

Ordering Reference 订购

PTS4---M---V---BWT---L---H---OP---F1---SR

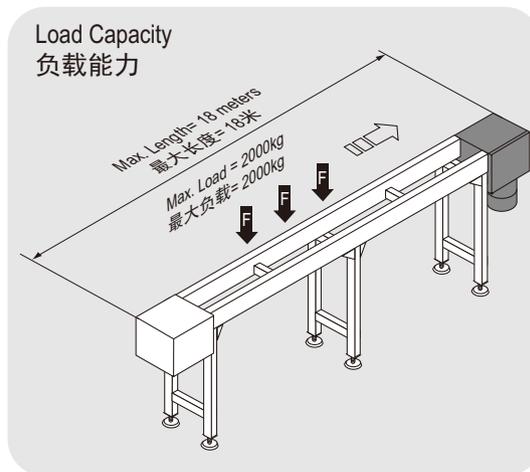


Example 订货范例:

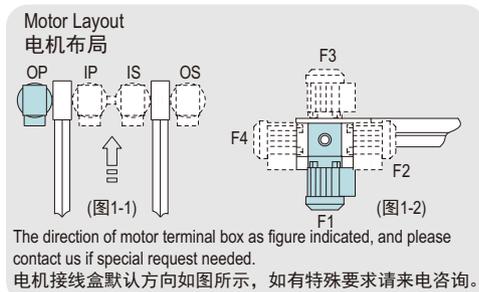
PTS4---M2000---V16---BWT600---L2000---H800---OP---F1

PTS4 pallet conveyor---max. load capacity 2000kg---conveyor speed 16m/min---pallet width 600mm---conveyor length 2000mm---transport height 800mm
---motor position at OP---motor direction of F1.

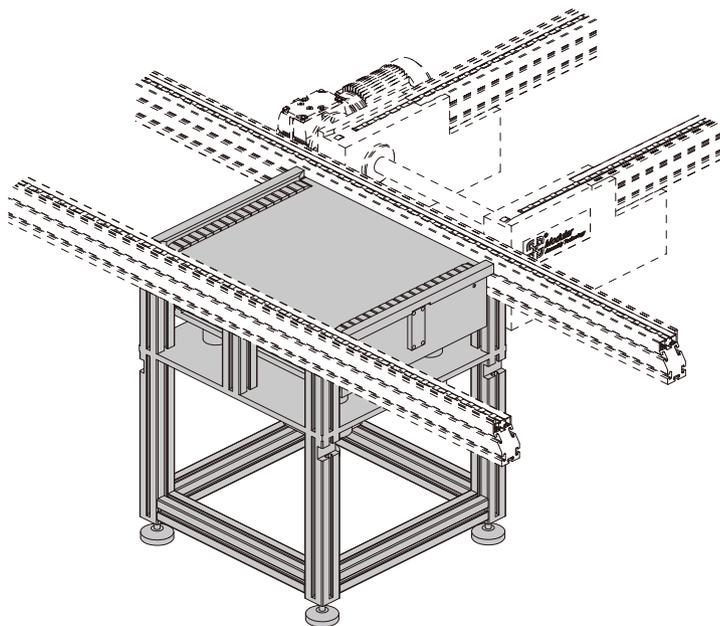
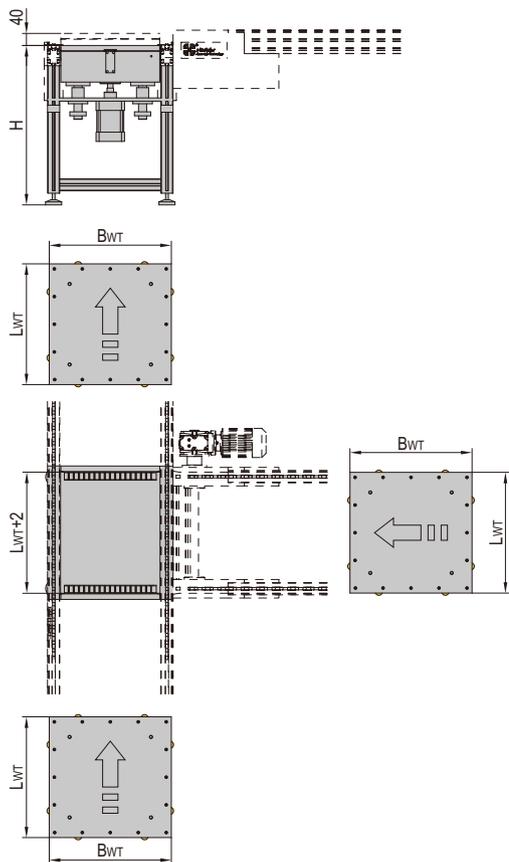
PST4 托盘输送机---满载负载2000kg---托盘运行速度16m/min---托盘宽度600mm---线体长度2000mm---输送面水平高度800mm---电机位置OP
---电机方向F1。



! Conveyor Load Capacity ≤2.0kg/cm.
线体长度承载能力≤2.0kg/cm。



200kg Lift and Transverse Unit
200kg 顶升横移



Specifications 规格配置

1. Modular design with practical performance.
模块化设计, 实用性强。
2. Lift and transverse unit move the workpiece pallets from a transverse conveyor section onto a longitudinal conveyor section with changing direction of pallet.
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。
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购

PLT200--BWT--LWT--H--V--SR

- Special Requirement 特殊要求
- Conveyor Speed 托盘运行速度
- Transport Height of Main Conveyor 主线体输送面水平高度
- Pallet Length of Main Conveyor 主线体的输送托盘长度
- Pallet Width of Main Conveyor 主线体的输送托盘宽度

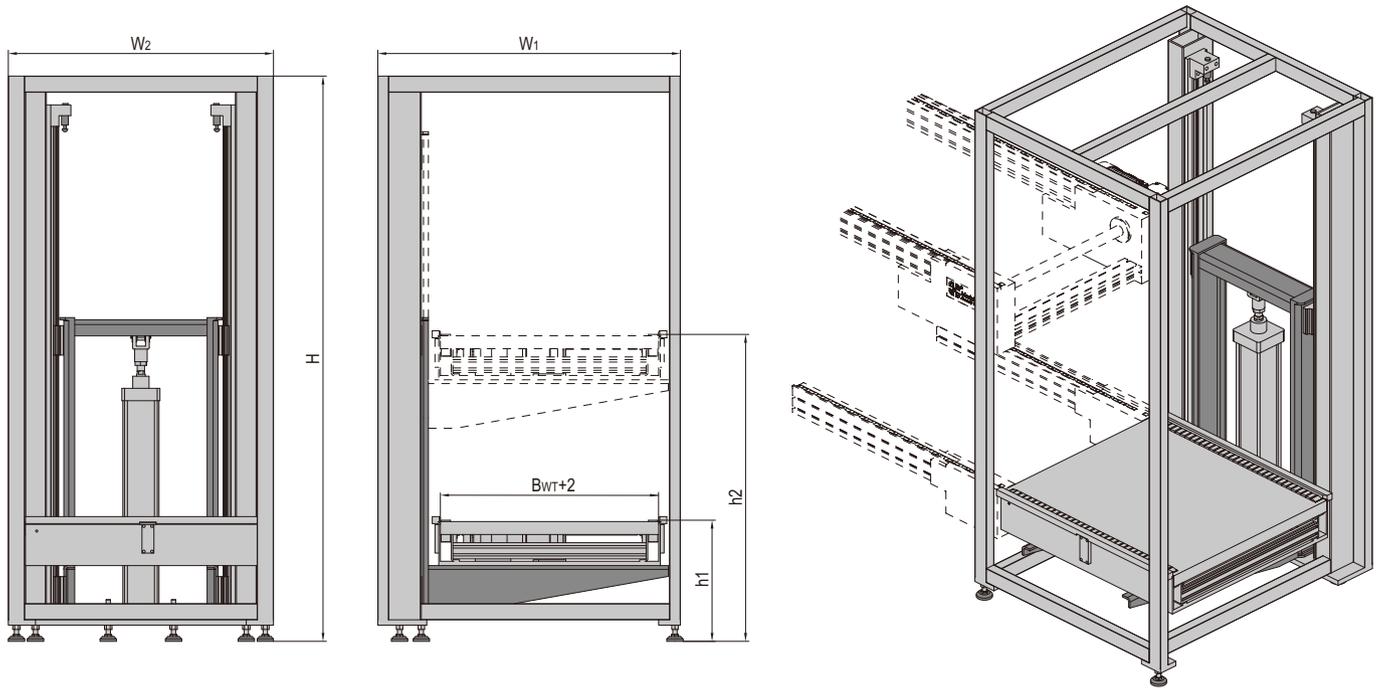
Example 订货范例:

PLT200--Bwt600---Lwt800---H600---V10

200kg lift and transverse unit---pallet width of main conveyor 600mm---pallet length of main conveyor 800mm---transport height of main conveyor 600mm---conveyor speed 10m/min.

200kg 顶升横移---主线体的输送托盘宽度600mm---主线体的输送托盘长度800mm---主线体输送面水平高度600mm---托盘运行速度10m/min。

200kg Lift Unit
200kg 升降机



⚠ For more details, please contact us.
各项相关参数请来电咨询。

Specifications 规格配置

1. Modular design with practical performance.
模块化设计, 实用性强。
2. Lift unit is used to transfer workpiece pallets vertically between upper and lower conveyor sections with changing direction of pallets.
可实现托盘的垂直循环, 输送时改变托盘的方向。
3. The frame structure is high strength carton steel.
边框为高强度碳钢支架。

Ordering Reference 订购



Example 订货范例:

PLI200---PN---BWT600---LWT800---h1350---h2750---V10

200kg lift unit---pneumatic lift---pallet width 600mm---pallet length 800mm---transport height of lower conveyor 350mm
---transport height of upper conveyor 750mm---conveyor speed 10m/min.

200kg 升降机---气动升降---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。



180° rotate unit 180° 转台



90° rotate unit 90° 转台

PTS5 Pallet Conveyor PTS5 托盘输送机

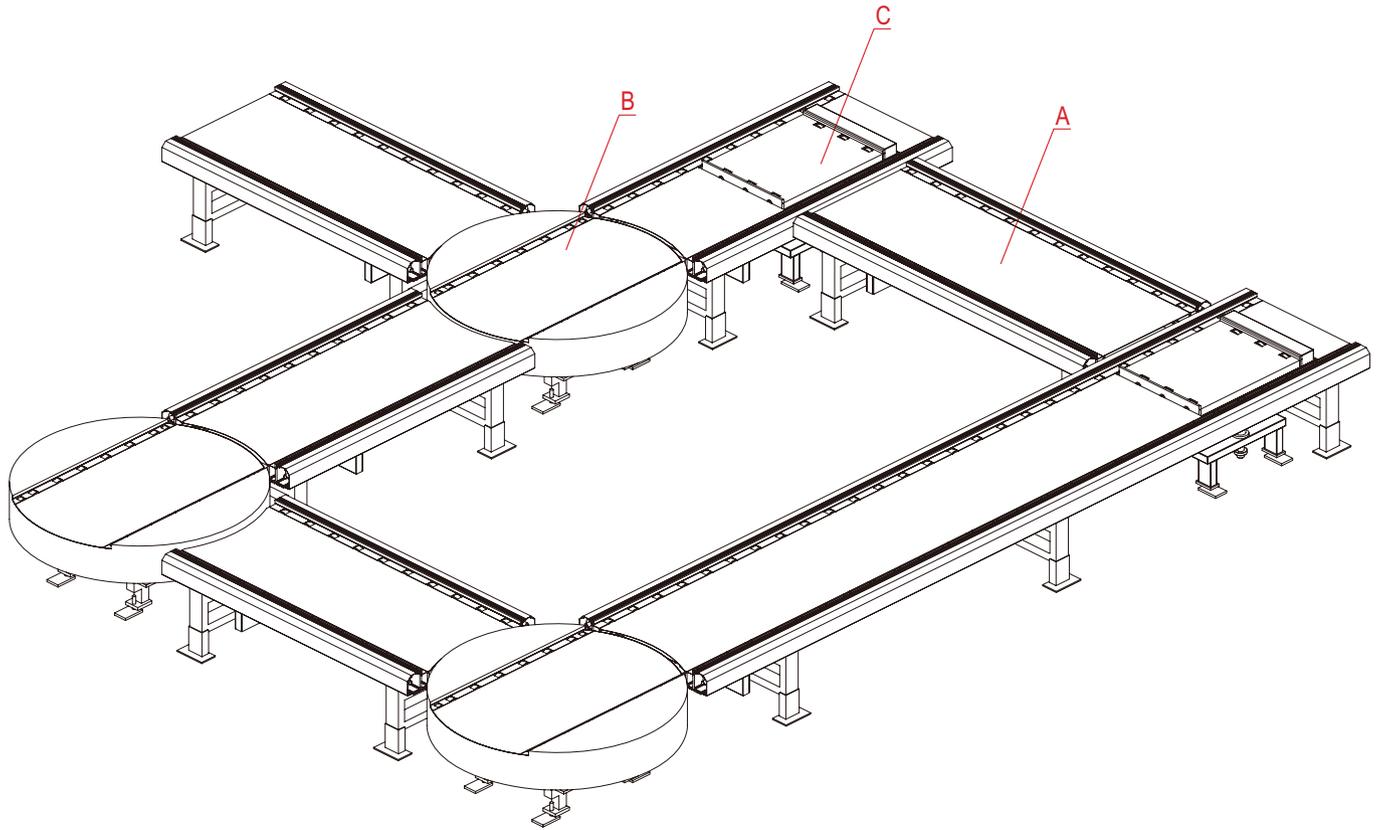
Industries Served 应用

Automatic assembly detection production line (automotive engine, transmission assembly line, circuit breaker) etc.;
重载自动装配检测生产线 (汽车发动机、变速器、断路器等);



PTS5 assembly line (for car engine) PTS5 环形线体 (汽车发动机生产线)

PTS5 Pallet Conveyor
PTS5 托盘输送系列



A	PTS5 Pallet Conveyor	PTS5 托盘输送机
B	600kg Rotate Unit	600kg 转台
C	600kg Lift and Transverse Unit	600kg 顶升横移

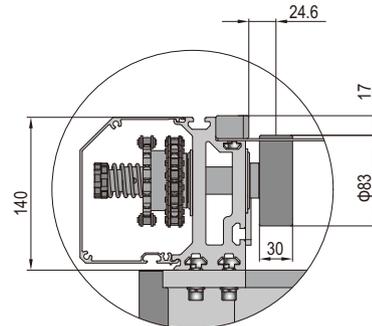
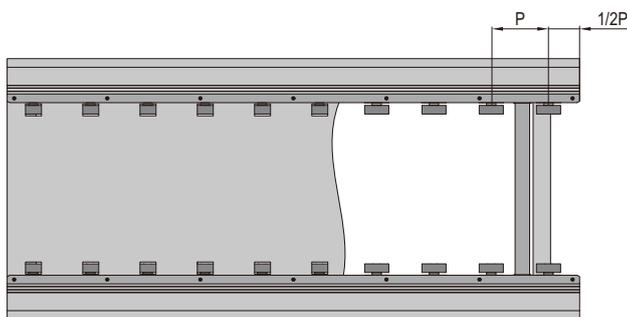
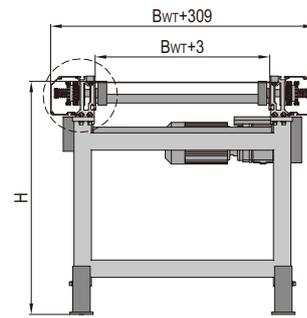
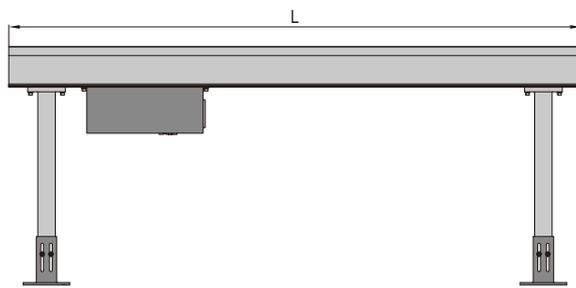
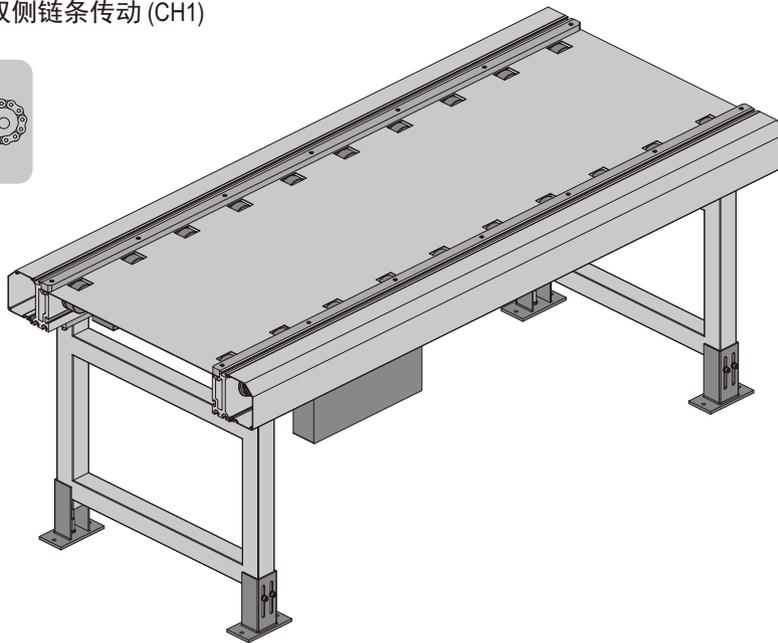
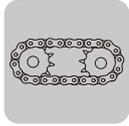
PTS5 pallet conveyor is suitable for maximum load of 600kg per pallet and could freely combined with other units to suit for specific production conditions.

PTS5 托盘输送系列适用于单个托盘满载总重量在600kg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。

PTS5 Pallet Conveyor
PTS5 托盘输送机

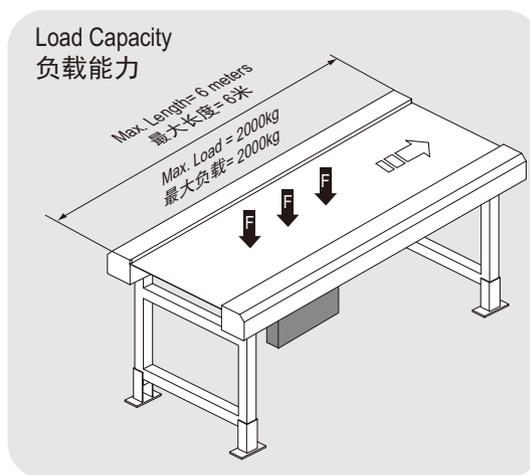
Cantilever Double Chain Drive (CH1)
悬臂式双侧链条传动 (CH1)



- ⚠ The maximum length of conveyor is determined by the combining of the roller spacing and the number of working rollers. In case of special needs for roller spacing we recommend consulting us first.
线体最大长度由辊轮间距和辊轮同时工作数量来决定，如果对辊轮间距有特殊要求，请来电咨询。
- ⚠ Load capacity per meter ≤ 600kg.
每米线体负载 ≤ 600kg。

Specifications 规格配置

Conveyor Length 线体长度	1000≤L≤6000mm
Pallet Width 托盘宽度	300≤BWT≤1200mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	2000kg
Max. Conveyor Speed 最大满载运行速度	V max.=15m/min
Drive Medium 传动形式	Chain 链条
Conveying Medium 传输介质	Roller 辊轮
Roller Spacing 辊轮间距	158/197/247mm


Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1905mm, 1968mm and 1981mm respectively according to different roller spacing).
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和1981mm)。
2. Suitable for heavy load pallet conveying which can achieve flexible control;
适合重载托盘输送, 托盘可实现柔性控制。
3. In conjunction with rotate unit and lift transverse unit to achieve automation cycle control.
可配合转台、顶升横移机构使用, 实现托盘自动化循环控制。

Industries Served 应用

Automatic assembly detection production line (automotive engine, transmission assembly line, circuit breaker) etc.

重载自动装配检测生产线 (汽车发动机、变速器、断路器等)。

Ordering Reference 订购

PTS5---CH1---M---V---BWT---L---H---P---SR



Example 订货范例:

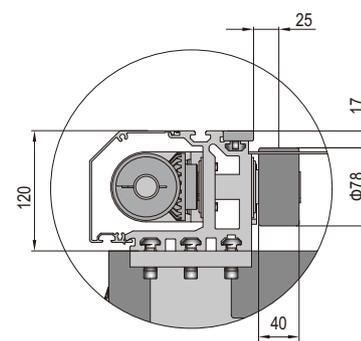
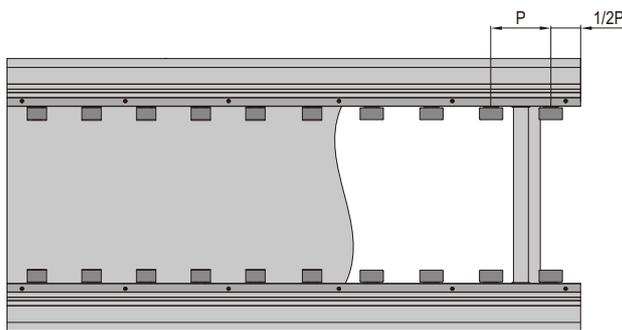
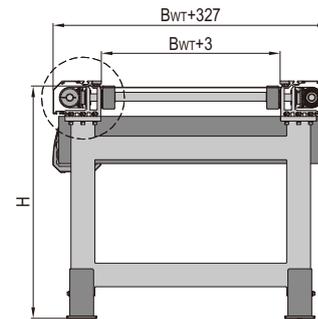
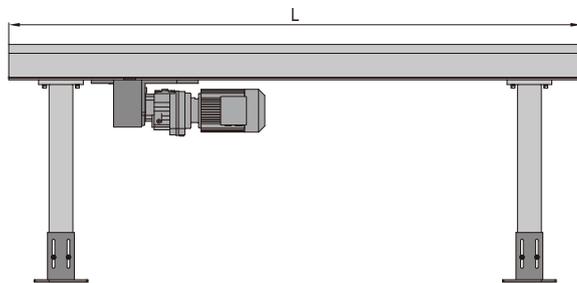
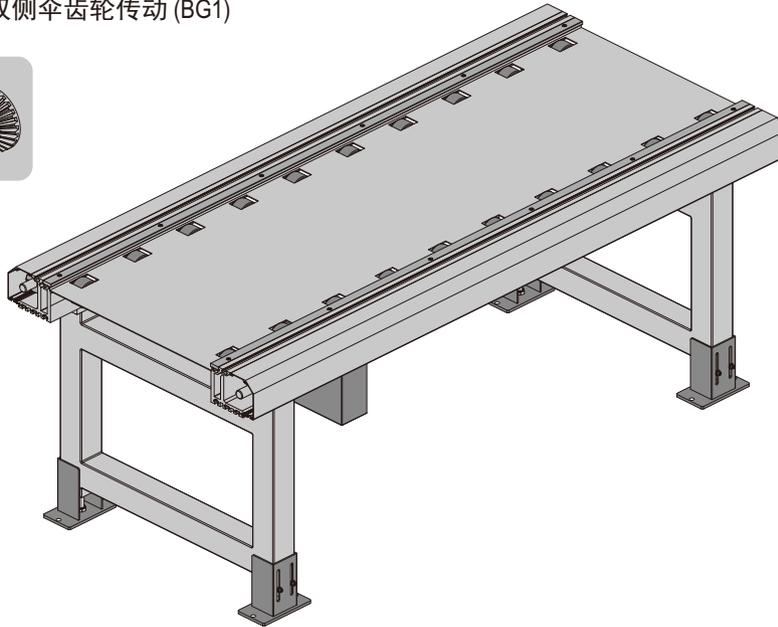
PST5---CH1---M1000---V12---Bwt500---L2000---H800---P158

PST5 pallet conveyor---CH1---max.load capacity 1000kg---conveyor speed 12m/min---pallet width 500mm---conveyor length 2000mm
---transport height 800mm---roller spacing 158mm.

PST5 托盘输送机---悬臂式双侧链条传动---满载负载1000kg---托盘运行速度12m/min---托盘宽度500mm---线体长度2000mm
---输送面水平高度800mm---辊轮间距158mm。

PTS5 Pallet Conveyor
PTS5 托盘输送机

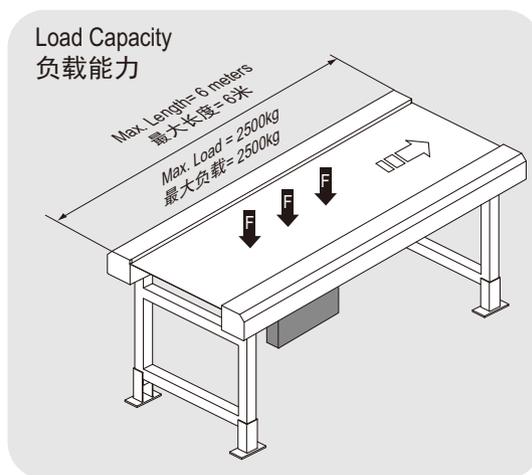
Cantilever Double Bevel Gear Drive (BG1)
悬臂式双侧伞齿轮传动 (BG1)



-  The maximum length of conveyor is determined by the combining of the roller spacing and the number of working rollers. In case of special needs for roller spacing we recommend consulting us first.
线体最大长度由辊轮间距和辊轮同时工作数量来决定，如果对辊轮间距有特殊要求，请来电咨询。
-  Load capacity per meter ≤ 600kg.
每米线体负载 ≤ 600kg。

Specifications 规格配置

Conveyor Length 线体长度	1000≤L≤6000mm
Pallet Width 托盘宽度	300≤BWT≤1200mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	2500kg
Max. Conveyor Speed 最大满载运行速度	V max.=3-15m/min
Drive Medium 传动形式	Bevel Gear 伞齿轮
Conveying Medium 传输介质	Roller 辊轮
Roller Spacing 辊轮间距	160/200/250mm


Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1920mm, and 2000mm respectively according to different roller spacing).
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1920mm和2000mm)。
2. Suitable for heavy load pallet conveying which can achieve flexible control;
适合重载托盘输送, 托盘可实现柔性控制。
3. In Conjunction with rotate unit and lift transverse unit to achieve automation cycle control.
可配合转台、顶升横移机构使用, 实现托盘自动化循环控制。

Industries Served 应用

Automatic assembly detection production line (automotive engine, transmission assembly line, circuit breaker) etc.

重载自动装配检测生产线 (汽车发动机、变速器、断路器等)。

Ordering Reference 订购

PTS5---BG1---M---V---BWT---L---H---P---SR



Example 订货范例:

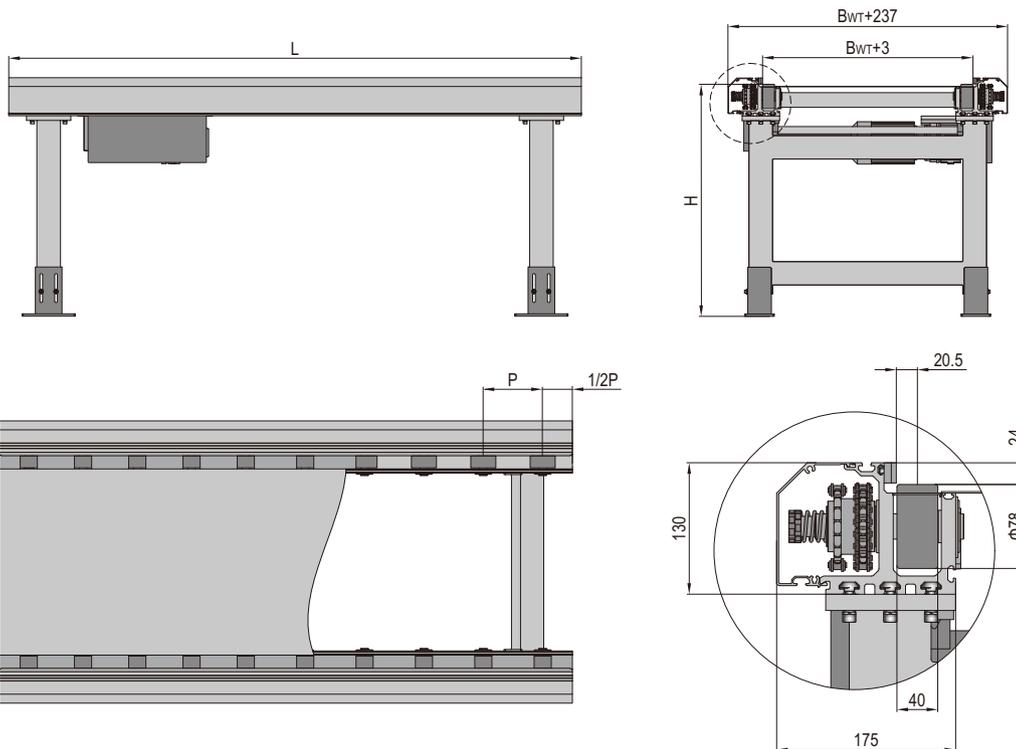
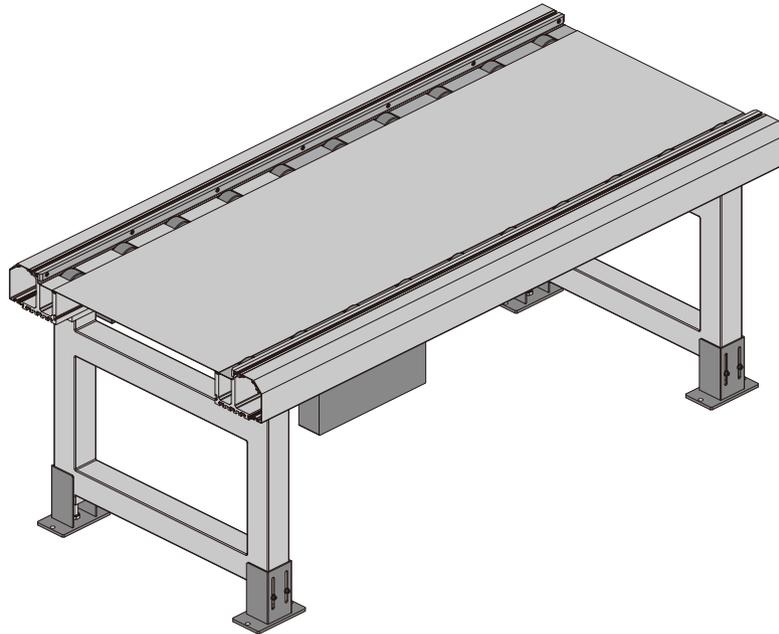
PST5---BG1---M2000---V12---Bwt500---L2000---H800---P160

PST5 pallet conveyor---BG1---max.load capacity 2000kg---conveyor speed 12m/min---pallet width 500mm---conveyor length 2000mm
---transport height 800mm---roller spacing 160mm.

PST5 托盘输送机---悬臂式双侧伞齿轮传动---满载负载2000kg---托盘运行速度12m/min---托盘宽度500mm---线体长度2000mm
---输送面水平高度800mm---辊轮间距160mm。

PTS5 Pallet Conveyor
PTS5 托盘输送机

Double Support and Chain Drive (CH2)
双支撑双侧链条传动 (CH2)



⚠ The maximum length of conveyor is determined by the combining of the roller spacing and the number of working rollers. In case of special needs for roller spacing we recommend consulting us first.

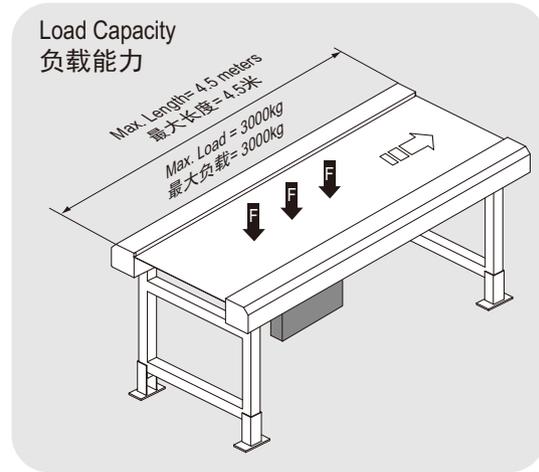
线体最大长度由辊轮间距和辊轮同时工作数量来决定，如果对辊轮间距有特殊要求，请来电咨询。

⚠ Load capacity per meter $\leq 800\text{kg}$.

每米线体负载 $\leq 800\text{kg}$ 。

Specifications 规格配置

Conveyor Length 线体长度	1000≤L≤4500mm
Pallet Width 托盘宽度	400≤BWT≤1200mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	3000kg
Max. Conveyor Speed 最大满载运行速度	V max.=15m/min
Drive Medium 传动形式	Chain 链条
Conveying Medium 传输介质	Roller 辊轮
Roller Spacing 辊轮间距	158/197/247mm


Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1905mm, 1968mm and 1981mm respectively according to different roller spacing).
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和1981mm)。
2. Suitable for heavy load pallet conveying which can achieve flexible control.
适合重载托盘输送, 托盘可实现柔性控制。
3. In conjunction with rotate unit and lift transverse unit to achieve automation cycle control.
可配合转台、顶升横移机构使用, 实现托盘自动化循环控制。

Industries Served 应用

Automatic assembly detection production line (automotive engine, transmission assembly line, circuit breaker) etc.
重载自动装配检测生产线 (汽车发动机、变速器、断路器等)。

Ordering Reference 订购


Example 订货范例:

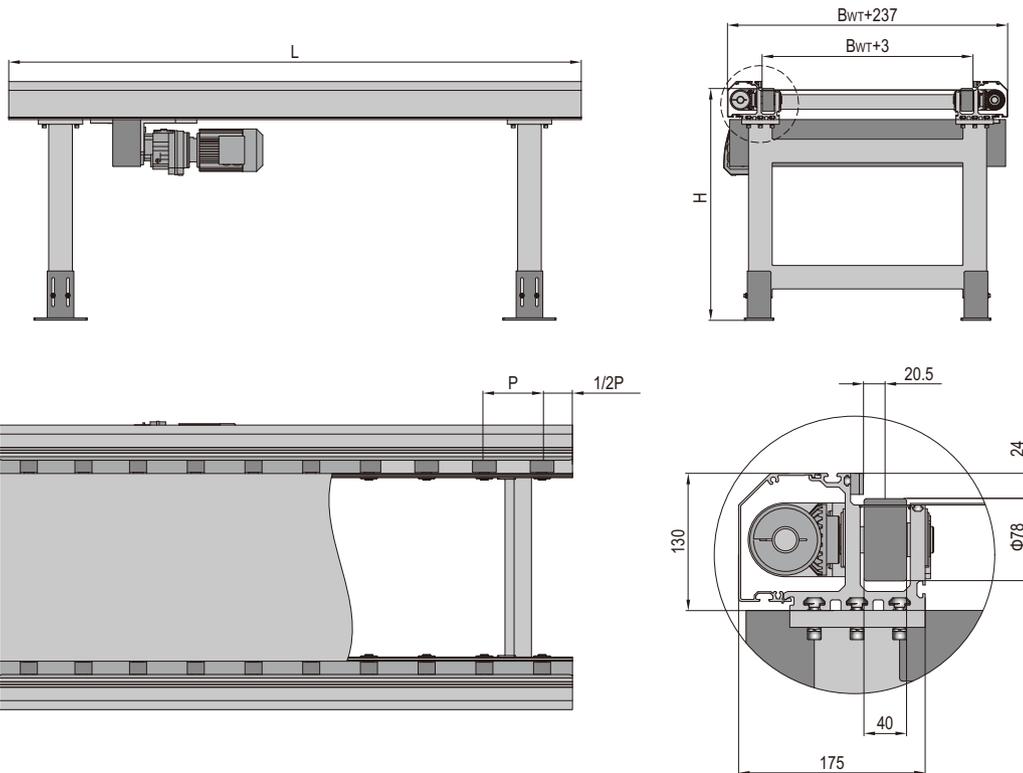
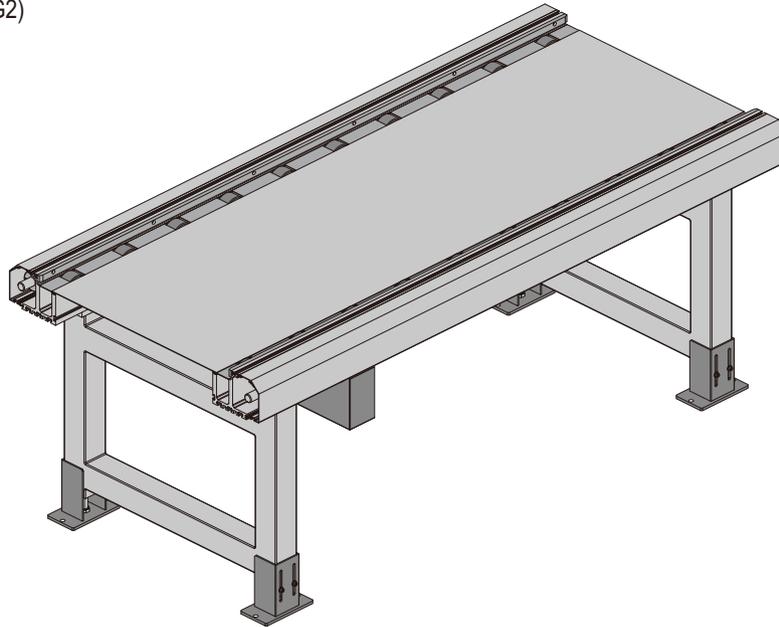
PST5---CH2---M2000---V12---BWT500---L2000---H800---P158

PST5 pallet conveyor---CH2---max.load capacity 2000kg---conveyor speed 12m/min---pallet width 500mm---conveyor length 2000mm
---transport height 800mm---roller spacing 158mm.

PST5 托盘输送机---双支撑双侧链条传动---满载负载2000kg---托盘运行速度12m/min---托盘宽度500mm---线体长度2000mm
---输送面水平高度800mm---辊轮间距158mm。

PTS5 Pallet Conveyor
PTS5 托盘输送机

Double Support and Bevel Gear Drive (BG2)
双支撑双侧伞齿轮传动 (BG2)



⚠ The maximum length of conveyor is determined by the combining of the roller spacing and the number of working rollers. In case of special needs for roller spacing we recommend consulting us first.

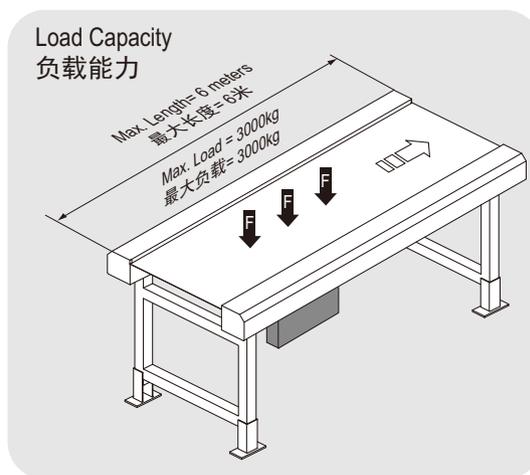
线体最大长度由辊轮间距和辊轮同时工作数量来决定，如果对辊轮间距有特殊要求，请来电咨询。

⚠ Load capacity per meter $\leq 800\text{kg}$.

每米线体负载 $\leq 800\text{kg}$ 。

Specifications 规格配置

Conveyor Length 线体长度	1000≤L≤6000mm
Pallet Width 托盘宽度	400≤BWT≤1200mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	3000kg
Max. Conveyor Speed 最大满载运行速度	V max.=3-15m/min
Drive Medium 传动形式	Bevel Gear 伞齿轮
Conveying Medium 传输介质	Roller 辊轮
Roller Spacing 辊轮间距	160/200/250mm


Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1920mm, and 2000mm respectively according to different roller spacing).
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1920mm和2000mm)。
2. Suitable for heavy load pallet conveying which can achieve flexible control.
适合重载托盘输送, 托盘可实现柔性控制。
3. In conjunction with rotary and lift transverse unit to achieve automation cycle control.
可配合转台、顶升横移机构使用, 实现托盘自动化循环控制。

Industries Served 应用

Automatic assembly detection production line (automotive engine, transmission assembly line, circuit breaker) etc.
重载自动装配检测生产线 (汽车发动机、变速器、断路器等)。

Ordering Reference 订购

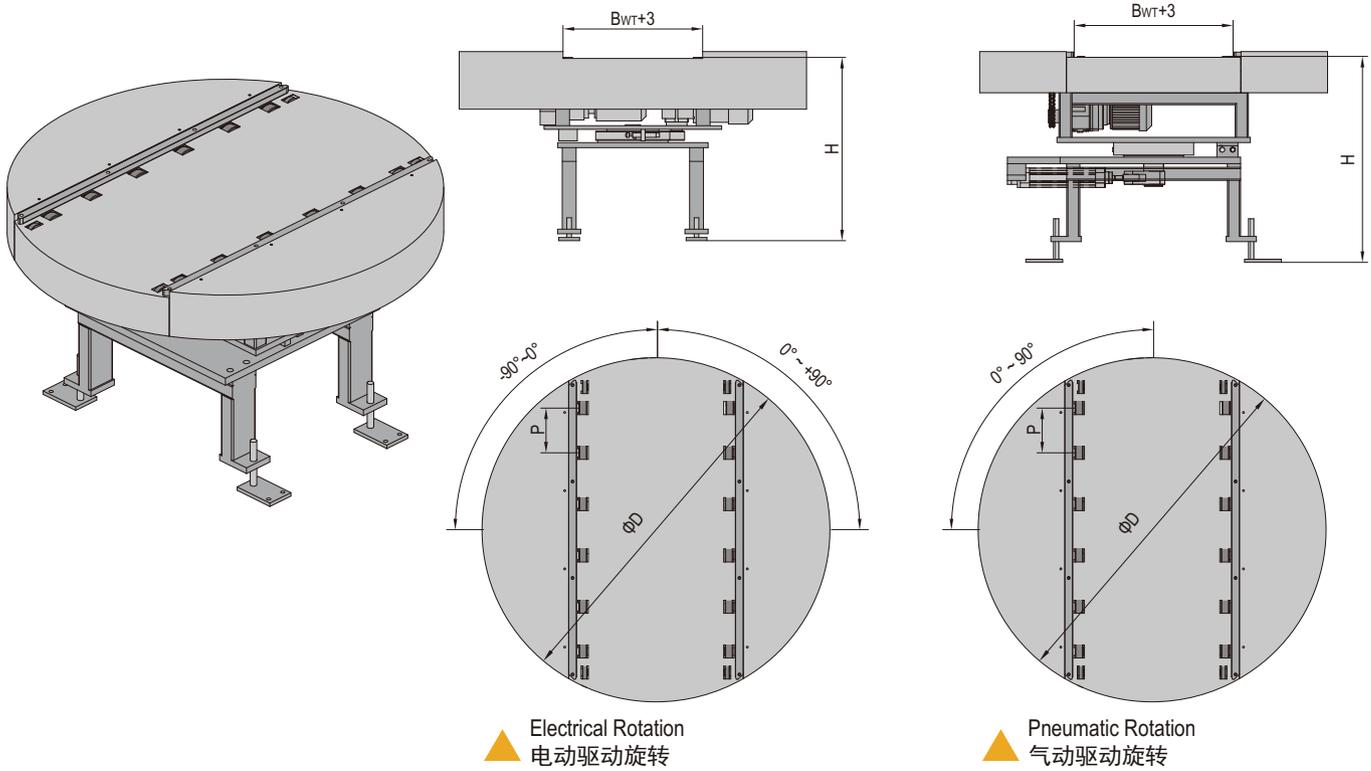

Example 订货范例:

PST5---BG2---M2000---V12---BWT500---L2000---H800---P160

PST5 pallet conveyor---BG2---max.load capacity 2000kg---conveyor speed 12m/min---pallet width 500mm---conveyor length 2000mm
---transport height 800mm---roller spacing 160mm.

PST5 托盘输送机---双支撑双侧伞齿轮传动---满载负载2000kg---托盘运行速度12m/min---托盘宽度500mm---线体长度2000mm
---输送面水平高度800mm---辊轮间距160mm。

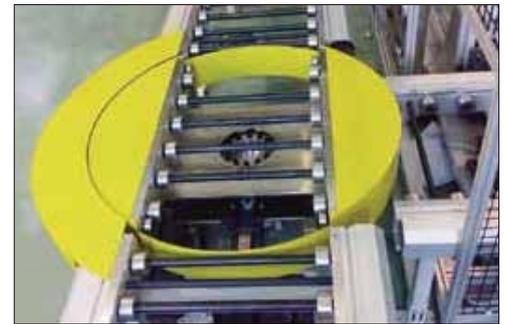
600kg Rotate Unit
600kg 转台



! For more details, please contact us.
各项相关参数请来电咨询。

Features/Benefits 特征

1. 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.
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。
2. In conjunction with PTS5 pallet conveyors.
配合PTS5托盘输送机使用。



Ordering Reference 订购

PRO600---PN---Bwt---Lwt---H---V---SR
 ———— Special Requirement 特殊要求
 ———— Conveyor Speed 托盘运行速度
 ———— Transport Height 输送面水平高度
 ———— Pallet Length 输送托盘长度
 ———— Pallet Width 输送托盘宽度
 ———— Rotation Type (PN=Pneumatic/MO=Electrical) 旋转驱动形式(PN=气动/MO=电动)

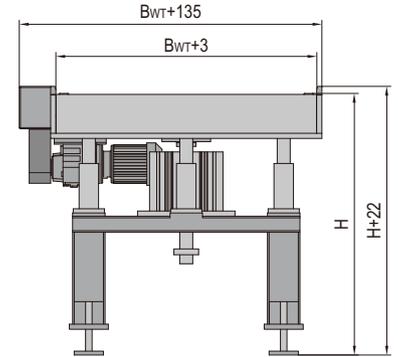
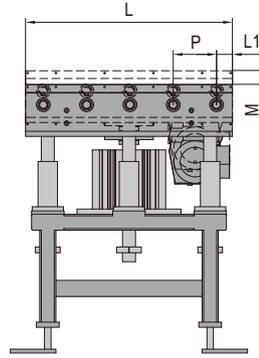
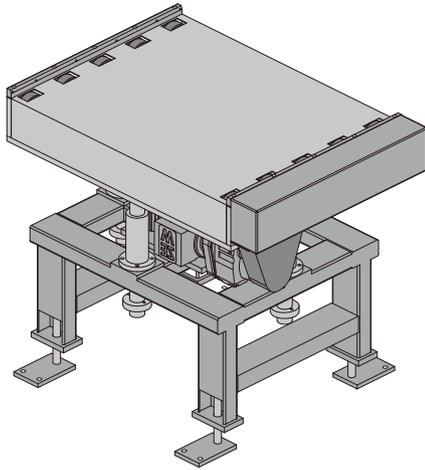
Example 订货范例:

PRO600---PN---Bwt600---Lwt800---H600---V10

600kg rotate unit---pneumatic rotation---pallet width 600mm---pallet length 800mm---transport height 600mm
---conveyor speed 10m/min.

600kg 转台---气动旋转---输送托盘宽度600mm---输送托盘长度800mm---输送面水平高度600mm---托盘运行速度10m/min。

600kg Lift and Transverse Unit
600kg 顶升横移



! For more details, please contact us.
各项相关参数请来电咨询。

Specifications 规格配置

1. Modular design with practical performance.
模块化设计，实用性强。
2. Lift transverse unit move the workpiece pallets from a transverse conveyor onto a longitudinal conveyor section with changing the direction of pallet.
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。
3. In conjunction with PTS5 pallet conveyors.
配合PTS5托盘输送机使用。



Ordering Reference 订购

PLT600---Bwt---Lwt---H---V---SR

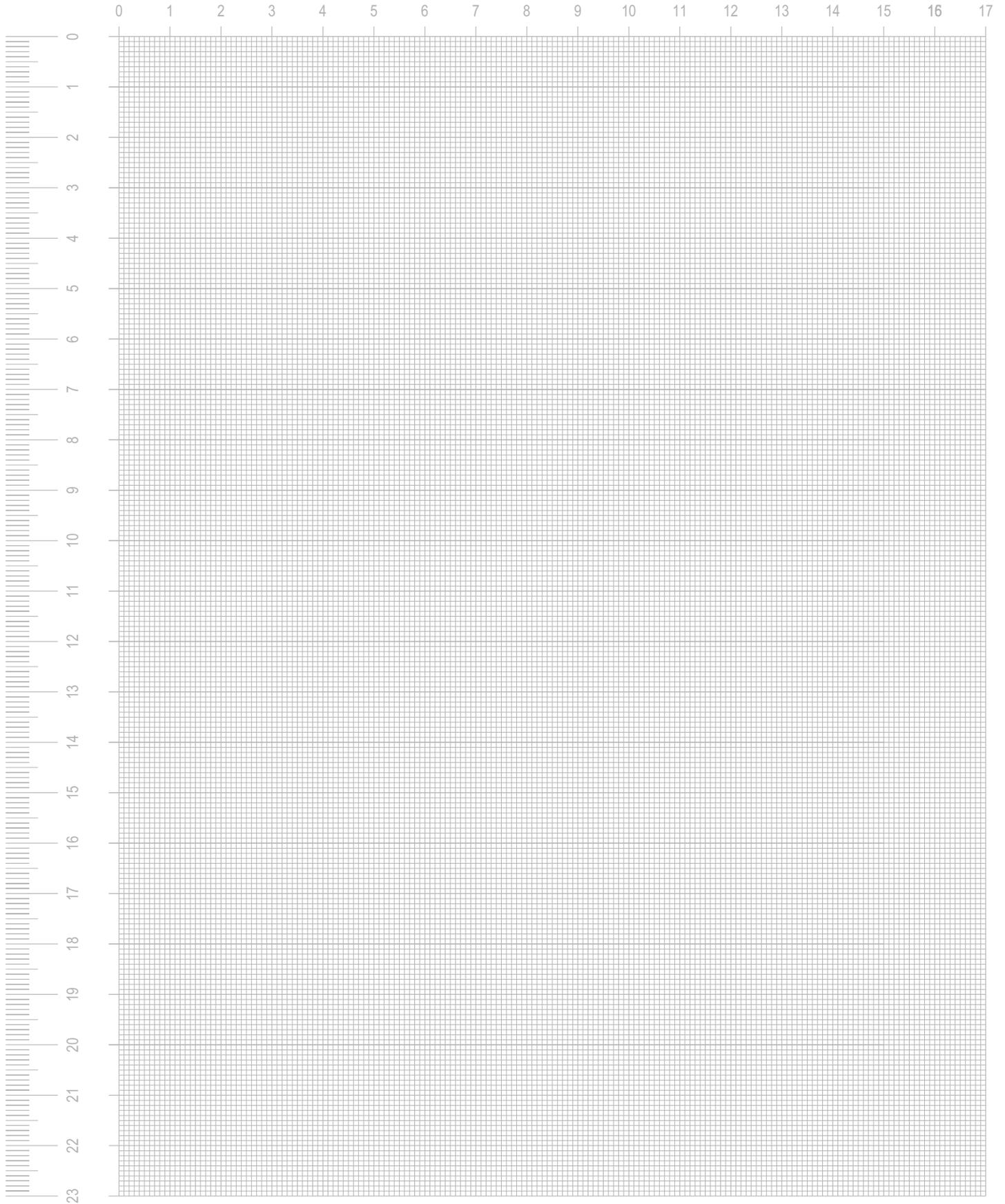
- Special Requirement 特殊要求
- Conveyor Speed 托盘运行速度
- Transport Height of Main Conveyor 主线体输送面水平高度
- Pallet Length of Main Conveyor 主线体的输送托盘长度
- Pallet Width of Main Conveyor 主线体的输送托盘宽度

Example 订货范例:

PLT600---Bwt600---Lwt800---H600---V10

600kg lift and transverse unit---pallet width of main conveyor 600mm---pallet length of main conveyor 800mm---transport height 600mm
---conveyor speed 10m/min.

600kg 顶升横移---主线体的输送托盘宽度600mm---主线体的输送托盘长度800mm---主线体输送面水平高度600mm
---托盘运行速度10m/min。





- Free Roller Conveyor
无动力辊筒输送机
- Powered Roller Conveyor
动力辊筒输送机
- Top Chain Conveyor
顶板链输送机
- Flexible Chain Conveyor
柔性链板输送机
- Straight Chain Belt Conveyor
平直网带输送机
- Knife-edge Chain Belt Conveyor
刀口网带输送机
- Belt Conveyor
皮带输送机
- Toothed Belt Conveyor
齿形带输送机
- Incline Belt Conveyor
爬坡皮带输送机

2

Basic Transfer System 基础输送系统

Basic transfer system consist of varies type of conveyors to meet different production conditions.
基础输送系统是由各种样式的输送介质来输送不同的物品，种类形式多样，可以满足多种场合的自动化生产需求！



Stainless steel roller conveyor with platform
不锈钢辊筒带万向球平台输送机



Zinc plated steel roller conveyor 碳钢镀锌辊筒输送机

Free Roller Conveyor 无动力辊筒输送机

Industries Served 应用

Material Handling, Home Appliances, Packing, Machinery, Building Material etc.;
物流、家电、包装、机械、建材等;

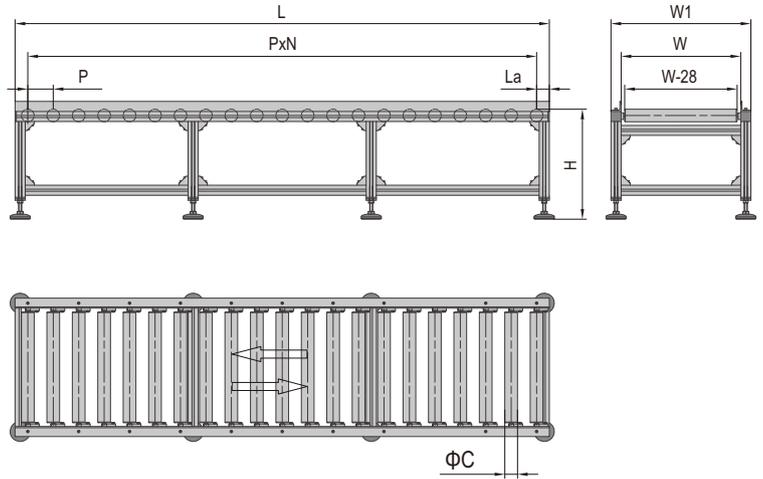


Zinc plated steel roller conveyor(automobile parts) 碳钢镀锌辊筒(输送汽车零部件)

Free Roller Conveyor
 无动力辊筒输送机

Specifications 规格配置

Conveyor Length 线体长度	600≤L
Roller Width 输送宽度	100≤W≤1200mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	1000kg/m(∅C≥76mm)
Roller Diameter 辊筒直径	∅C=38/50.6/60/76/80/89mm
Roller Material 辊筒材质	Plastic(PL)/Zinc Plated Carbon Steel(CS)/ Stainless Steel(SS)/Rubber(RU)/ Chrome Plated(CP) 塑料(PL)/碳钢镀锌(CS)/不锈钢(SS) /包胶(RU)/镀铬(CP)


Features/Benefits 特征

1. Simple and reliable structure with low maintenance;
结构简单, 可靠性高, 维护方便;
2. Transfer all kinds of products from heavy, medium or light duty which can enable a high impact load;
可以输送各种轻重不同的物品, 并能承受较大冲击载荷;
3. T slot aluminum profile frame for easy accessory attachment, such as sensors, support stands etc.
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)。

Ordering Reference 订购


Example 订货范例:

FRC---M100---L2000---W400---H800---CS---∅38---P100---La30

 Free roller conveyor---max. load capacity 100kg---2000mm long---400mm wide---800mm high---zinc plated carbon steel roller---roller diameter ∅38
 ---roller spacing 100mm---length of la 30mm.

 无动力辊筒输送机---满载负载100kg---线体长度2000mm---输送宽度400mm---线体高度800mm---碳钢镀锌辊筒---辊筒直径38mm
 ---辊筒间距100mm---距型材边框距离30mm。

 Please cancel the corresponding number if it doesn't needed.
 如不需要某项配置, 可取消相对应编号。



Accumulation roller conveyor 积放辊筒输送机



Stainless steel roller conveyor (for plastic boxes)
不锈钢辊筒输送机(输送塑料箱)

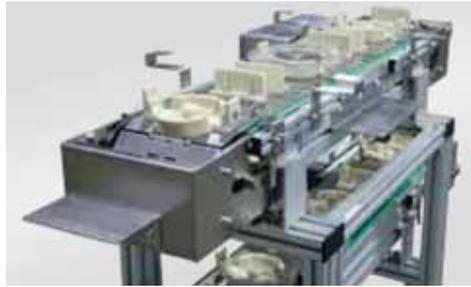
Powered Roller Conveyor 动力辊筒输送机

Industries Served 应用

Material Handling, Home Appliances, Packing, Machinery, Building Material etc.;
物流、家电、包装、机械、建材等;



Carbon steel conveyor (for steel parts) 碳钢辊筒输送线(输送钢件)



Stainless Steel conveyor 不锈钢直链板输送机

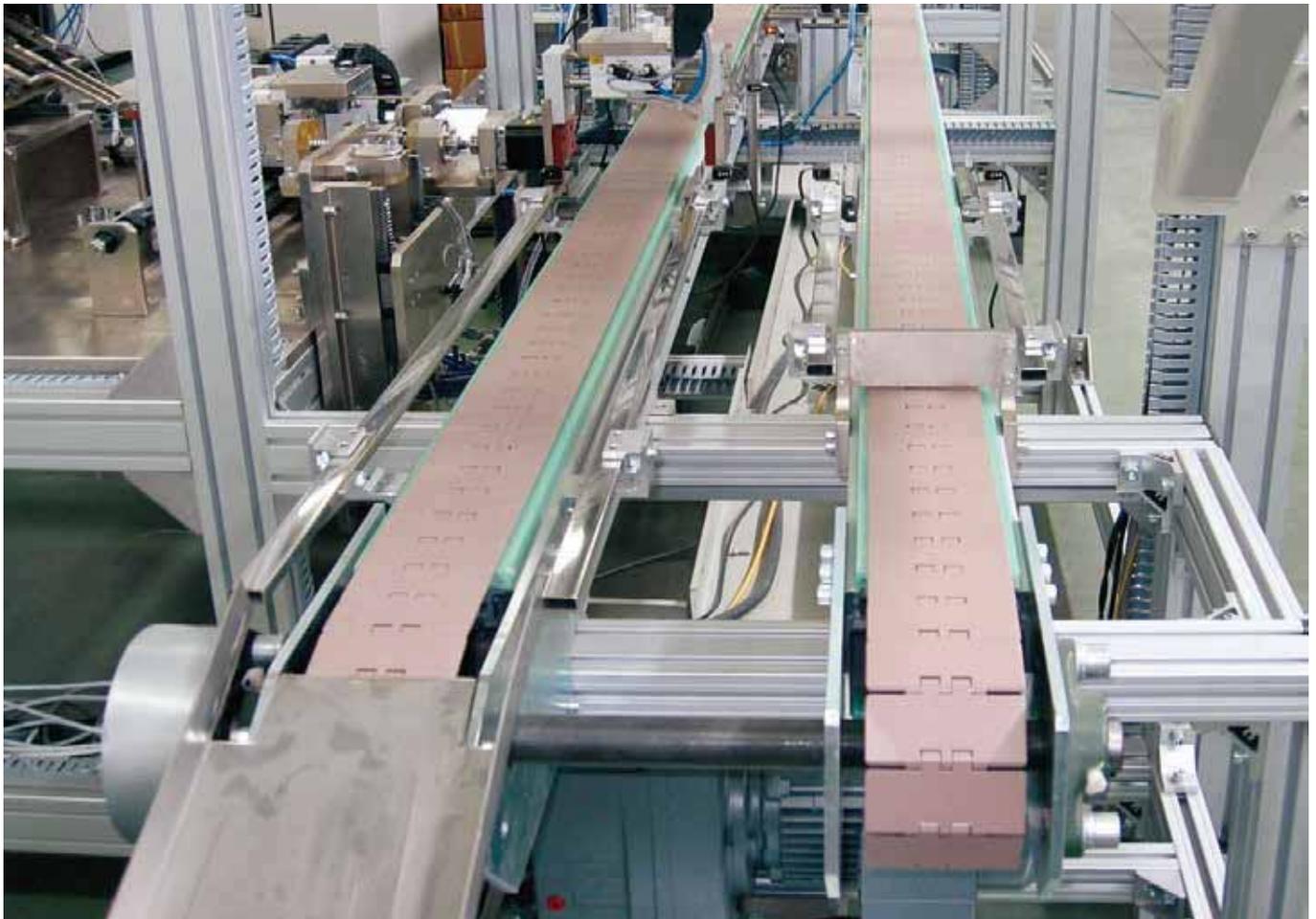
Top Chain Conveyor 顶板链输送机

Industries Served 应用

Factory Automation, Beverage, Cosmetic Industry etc.;
自动化加工制造、饮料、化妆品等；

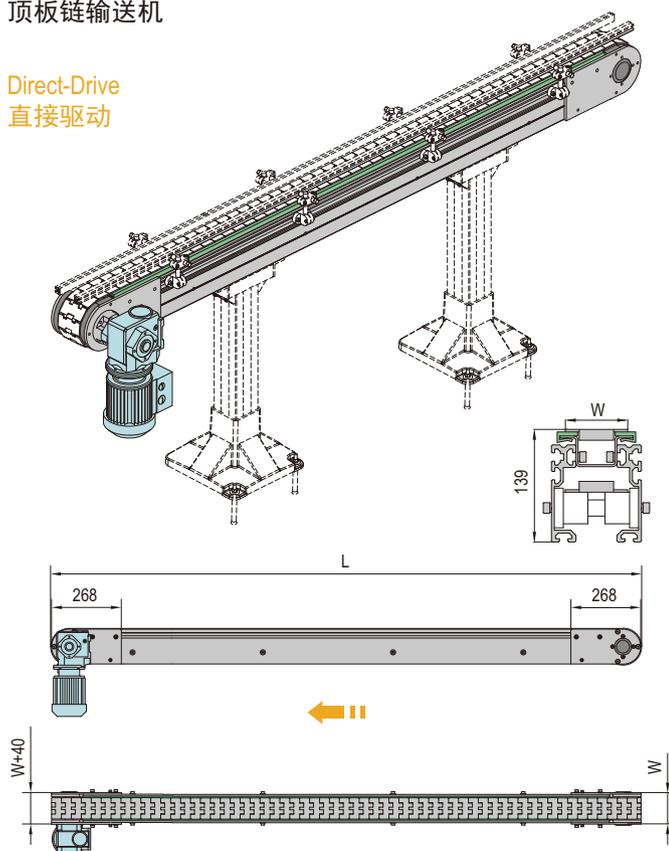
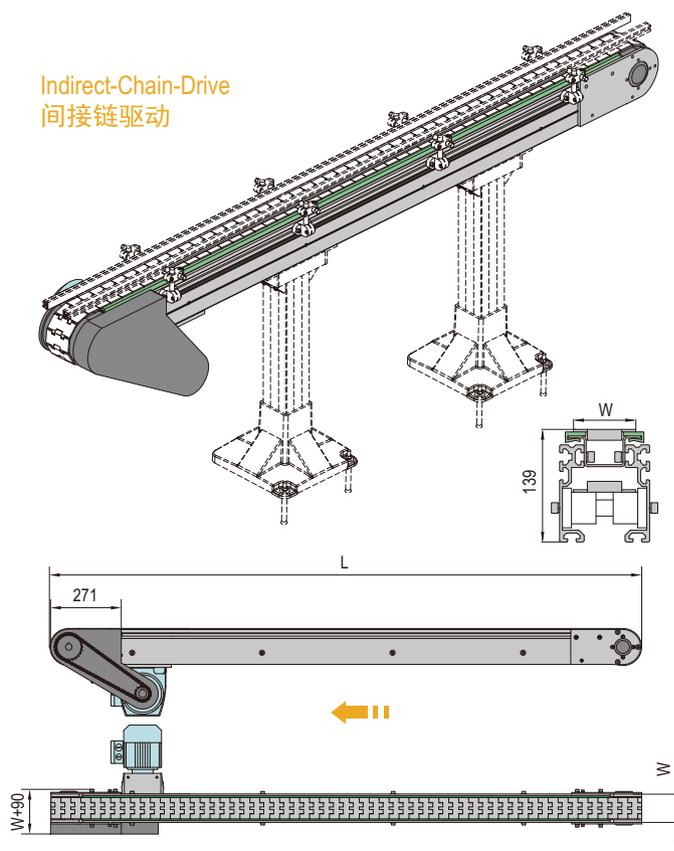


Plastic curved chain conveyor 塑料转弯链板输送机



Plastic chain conveyor (for circuit breaker) 塑料链板输送线(输送断路器)

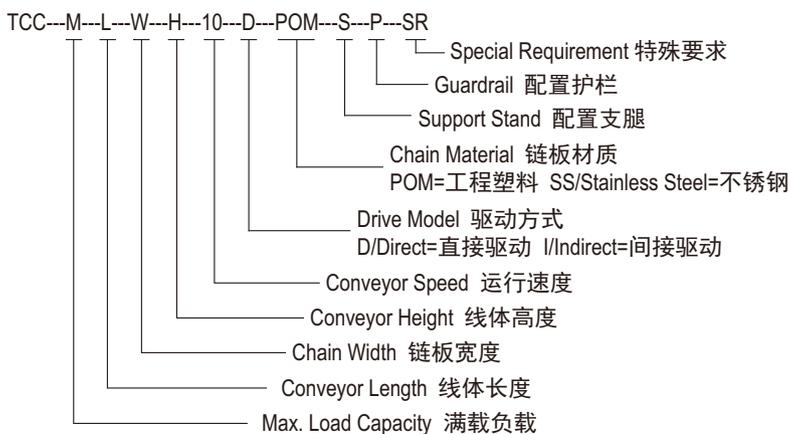
Top Chain Conveyor
 顶板链输送机

Direct-Drive
 直接驱动

Indirect-Chain-Drive
 间接链驱动

Specifications 规格配置

Conveyor Length 线体长度	1000≤L≤20000mm
Chain Width 链板宽度	W=82.6/114.3/152.4/ 190.5/254.0/304.8mm
Max. Load Capacity 最大负载能力	200kg (W=304.8mm工程塑料/POM) 300kg (W=190.5mm不锈钢/SS)
Belt Speed 满载运行速度	2≤V≤20m/min
Drive Model 驱动方式	Direct/Indirect Chain Drive 直接驱动/间接链驱动
Chain Material 链板材质	POM/Stainless Steel(SS) 工程塑料/不锈钢

Features/Benefits 特征

1. Simple structure with low maintenance;
结构简单, 维护方便;
2. Smooth surface guarantees stable transfer of all kinds of bottle and cases;
链板输送面平坦光滑, 输送平稳, 可输送各种瓶类及箱类产品;
3. T slot aluminum profile frame for easy accessory attachment.
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(传感器、支架等)。

Ordering Reference 订购

Example 订货范例:

TCC---M50---L2000---W82.6---H800---10---D---POM---S---P

 Top chain conveyor---max. load capacity 50kg---2000mm long---82.6mm wide---800mm high
 ---conveyor speed 10m/min---direct drive---POM chain---support stand---guardrail.

 顶板链输送机---满载负载50kg---线体长度2000mm---链板宽度82.6mm
 ---线体高度800mm---运行速度10m/min---直接驱动---工程塑料链板---配置支腿
 ---配置护栏。

 Please cancel the corresponding number if it doesn't needed.
 如不需要某项配置, 可取消相对应编号。



Conveyor with aluminum structure 铝型材框架输送机

Flexible Chain Conveyor
柔性链板输送机



Conveyor with stainless steel structure (for medicine bottle) 不锈钢框架输送机(输送药瓶)



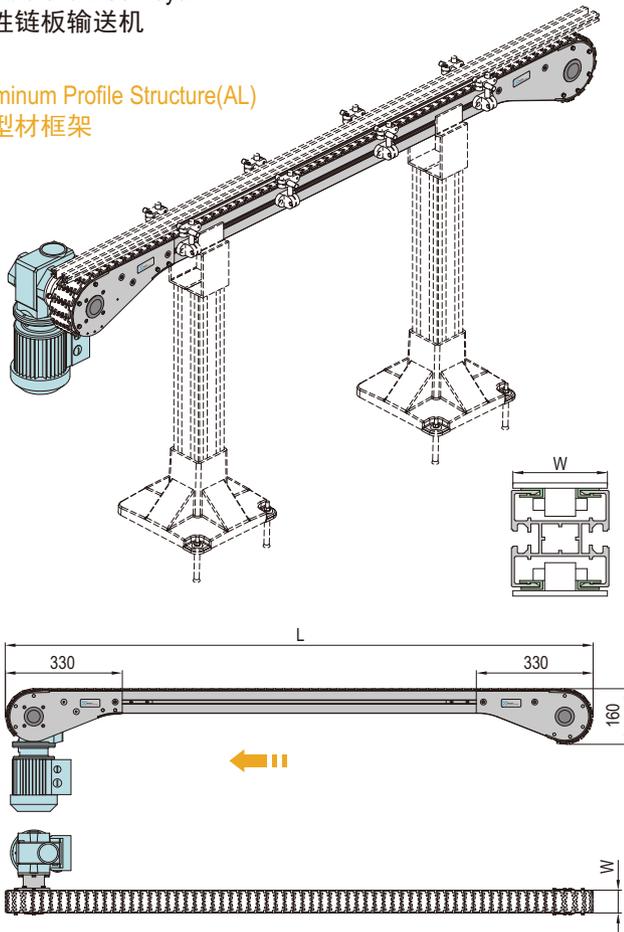
Conveyor with aluminum structure (for tooling pallet) 铝型材框架输送机(输送工装托盘)

Industries Served 应用

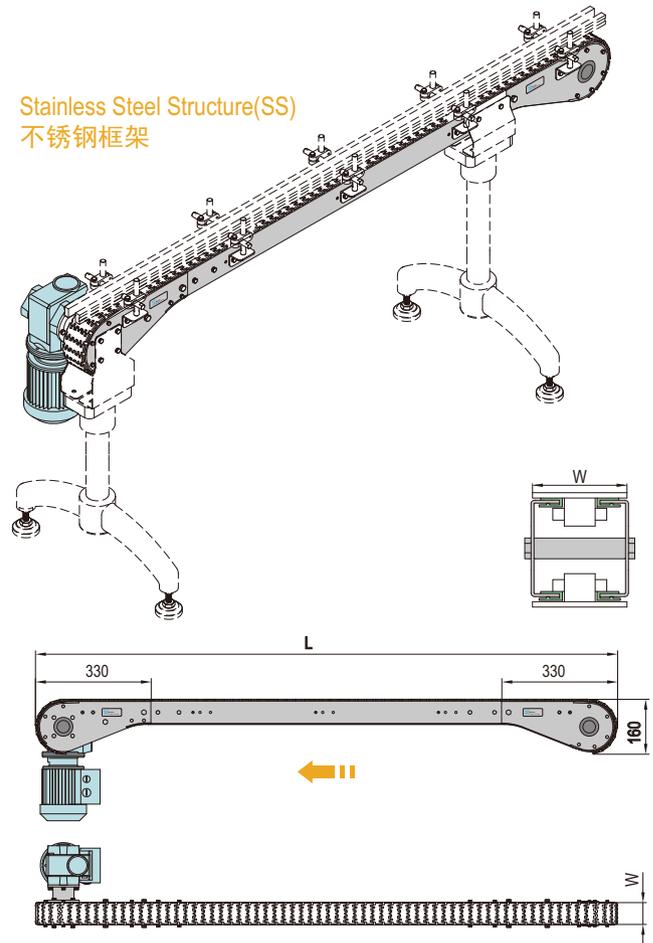
Factory Automation, Medical Equipment, Beverage, Paper Products, Dairy ect.;
自动化加工制造、医药、饮料、化妆品、乳业等;

Flexible Chain Conveyor
柔性链板输送机

Aluminum Profile Structure(AL)
铝型材框架



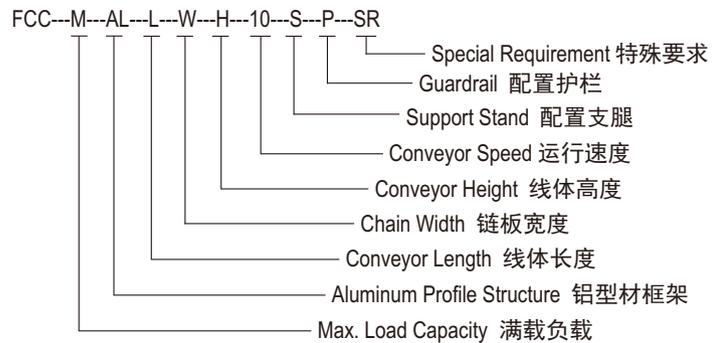
Stainless Steel Structure(SS)
不锈钢框架



Specifications 规格配置

Conveyor Length 线体长度	1000≤L≤20000mm
Chain Width 链板宽度	W=44/63/83/103mm
Max. Load Capacity 最大负载能力	120kg(W=103mm)
Belt Speed 满载运行速度	2≤V≤20m/min
Drive Model 驱动方式	Direct 直接驱动
Chain Material 链板材质	POM 工程塑料

Ordering Reference 订购



Features/Benefits 特征

- Flexible structure could enables a horizontal, inclined and curved transport;
线体布局灵活, 可在一条输送线完成水平、倾斜和转弯多层次、多角度的输送;
- Smooth surface guarantees a stable transfer of all kinds of bottle and cases;
链板输送面平坦光滑, 输送平稳, 摩擦力小, 可输送各种瓶类及箱包类产品;

Example 订货范例:

FCC-M40---AL---L2000---W63---H800---10---S---P

Flexible chain conveyor---max. load capacity 40kg---aluminum profile structure---2000mm long
---63mm wide---800mm high---conveyor speed 10m/min---support stand---guardrail.

柔性链板输送机---满载负载40kg---铝型材框架---线体长度2000mm---链板宽度63mm
---线体高度800mm---运行速度10m/min---配置支腿---配置护栏。

⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置, 可取消相对应编号。



Chain belt conveyor 网带输送机

Straight Chain Belt Conveyor 平直网带输送机

Industries Served 应用

Factory Automation, Medical Equipment, Beverage, Cosmetic Industry etc.;
自动化加工制造、医药、饮料、化妆品等;

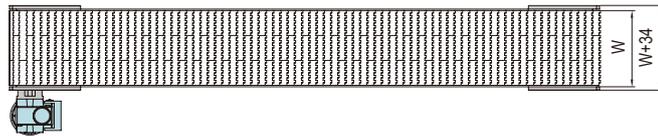
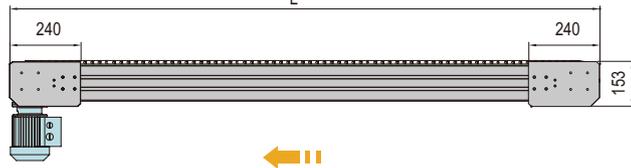
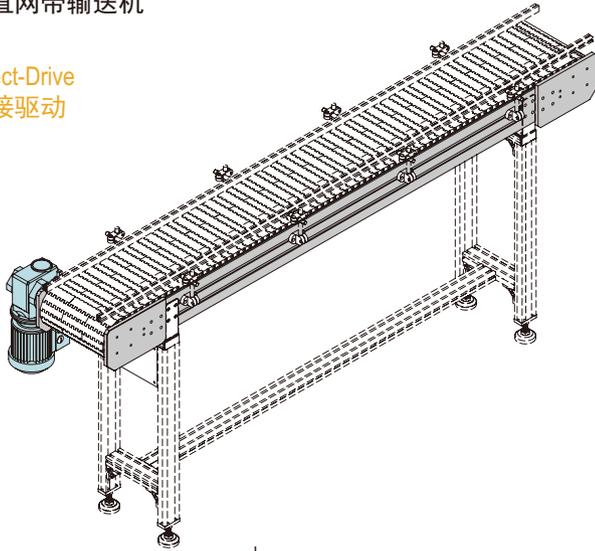
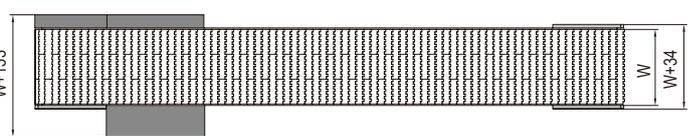
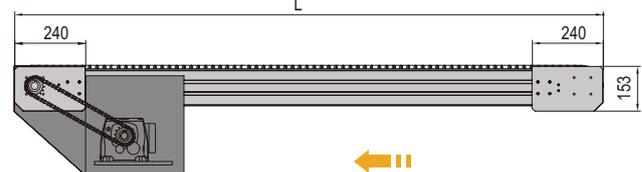
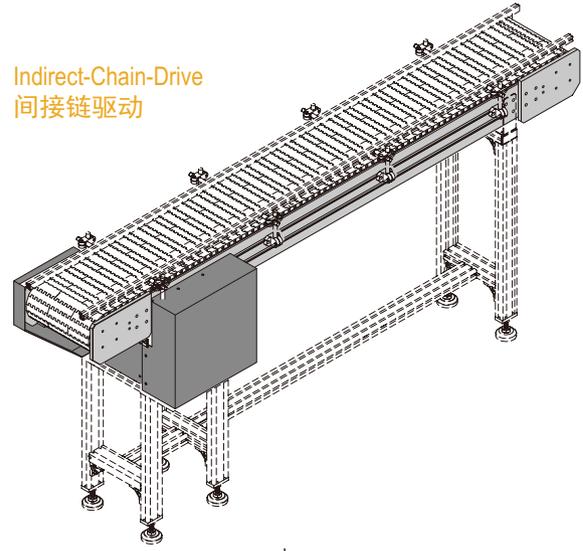


Chain belt conveyor 网带输送机



Chain belt conveyor(for electricity-meter) 网带输送机(输送电表)

Straight Chain Belt Conveyor
 平直网带输送机

Direct-Drive
 直接驱动

Indirect-Chain-Drive
 间接链驱动

Specifications 规格配置

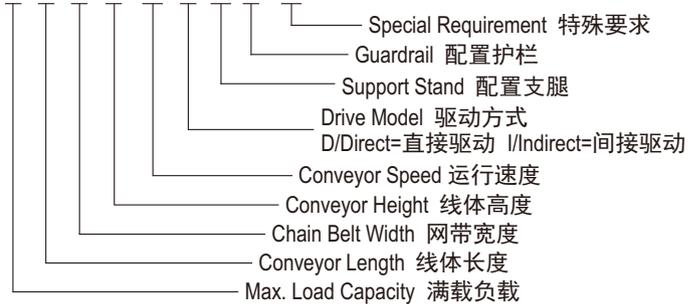
Conveyor Length 线体长度	1000≤L≤10000mm
Chain Belt Width 网带宽度	W=170/255/340/425/510/680/850mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	600kg(W=850mm)
Conveyor Speed 满载运行速度	2≤V≤20m/min
Drive Model 驱动方式	Direct/Indirect Chain Drive 直接驱动/间接链驱动
Chain Belt Material 网带材质	POM 工程塑料

Features/Benefits 特征

1. It can be assembled with required length and width due to modular structure, easy maintenance;
模块化网带结构, 可组成所需要的长度和宽度, 维护方便;
2. Oil, water and collision resistant chain belt;
网带可以耐油、耐水和防碰撞;
3. Frame structure can be aluminum or stainless steel.
主体框架材料可选铝合金或不锈钢。

Ordering Reference 订购

SCBC---M---L---W---H---10---D---S---P---SR



Example 订货范例:

SCBC---M50---L2000---W170---H800---10---D---S---P

 Straight chain belt conveyor---max. load capacity 50kg---2000mm long---170mm wide
 ---800mm high---conveyor speed 10m/min---direct drive---support stand---guardrail.

 平直网带输送机---满载负载50kg---线体长度2000mm---网带宽度170mm
 ---线体高度800mm---运行速度10m/min---直接驱动---配置支腿---配置护栏。

 Please cancel the corresponding number if it doesn't needed.
 如不需要某项配置, 可取消相对应编号。



Conveyor with stainless steel structure 不锈钢框架输送机



Conveyor with aluminum structure (for electricity-meter)
铝型材框架输送线(输送电表)

Knife-edge Chain Belt Conveyor 刀口网带输送机

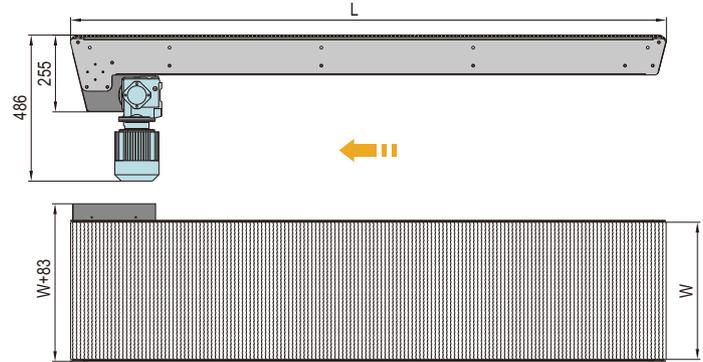
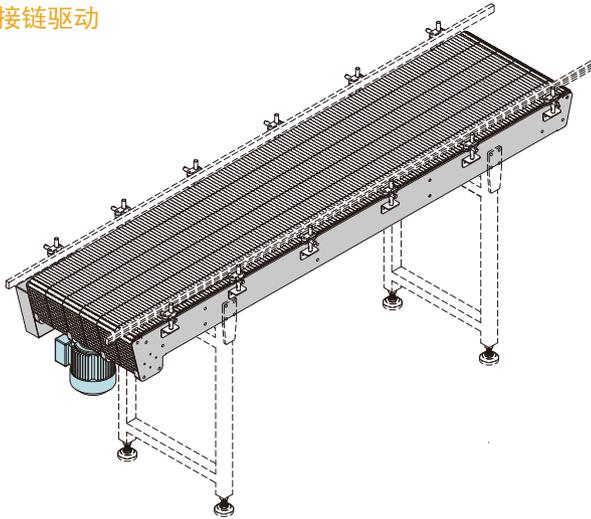
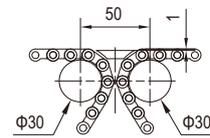
Industries Served 应用

Food, Medical Equipment, Beverage, Cosmetic Industry etc.;
自动化加工制造、医药、饮料、化妆品等;

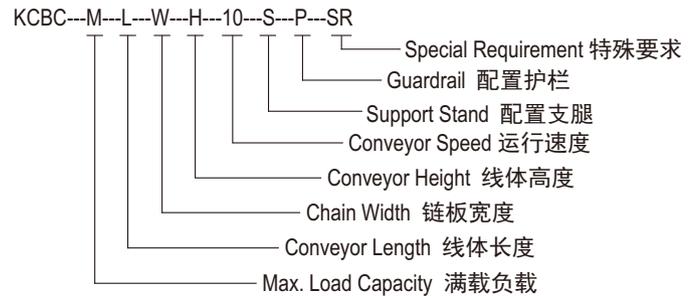


Conveyor with aluminum structure (for electricity-meter) 铝型材框架输送机(输送电表)

Knife-edge Chain Belt Conveyor
 刀口网带输送机

Indirect-Drive
 间接链驱动

 Transition
 过渡对接

Specifications 规格配置

Conveyor Length 线体长度	800≤L≤6000mm
Chain Width 链板宽度	W=76.2/152.4/228.6/304.8/ 457.2/609.6/762mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	400kg(W=762mm)
Belt Speed 满载运行速度	2≤V≤20m/min
Drive Model 驱动方式	Indirect Chain Drive 间接链驱动
Chain Material 链板材质	POM 工程塑料

Ordering Reference 订购

Features/Benefits 特征

1. Use chain belt with small pitch and special hinge designed;
刀口网带输送机选用小节距, 特殊铰链的网带;
(节距=12.7)
2. Special hinge design can reduce the "string effects" to assure a stable transport of very small products.
特殊的铰链设计能最大限度的减小“弦效应”, 小的弦效应结构可保证稳定地通过更小的产品;
3. Frame structure can be aluminum or stainless steel.
主体框架材料可选铝合金或不锈钢。

Example 订货范例:

KCBC---M50---L2000---W152.4---H800---10---S---P
 Knife-edge chain belt conveyor---max. load capacity 50kg---2000mm long
 ---152.4mm wide---800mm high---conveyor speed 10m/min---support stand---guardrail.

刀口网带输送机---满载负载50kg---线体长度2000mm---链板宽度152.4mm
 ---线体高度800mm---运行速度10m/min---配置支腿---配置护栏。

⚠ Please cancel the corresponding number if it doesn't needed.
 如不需要某项配置, 可取消相对应编号。

Belt Conveyor 皮带输送机

Industries Served 应用

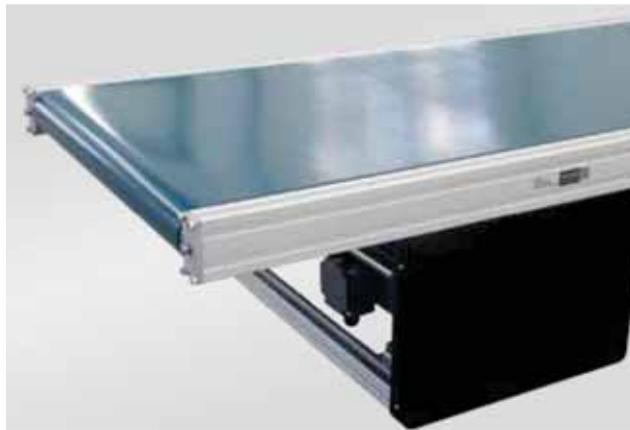
Factory Automation, Automobile Parts, Electronics, Food,
Material Handling ect.;
工厂自动化、汽车零部件、电子、食品、物流等；



Toothed Belt Conveyor 齿形带输送机



Multi-station assembly line 多工位皮带机流水线



B3200 Series B3200 皮带机



B3100 Series B3100 皮带机



B1100 Series B1100 皮带机



B1200 Series B1200 皮带机



B2200 Series B2200 皮带机



B2100 Series B2100 皮带机

Belt Conveyor
 皮带输送机

Introduction 概述

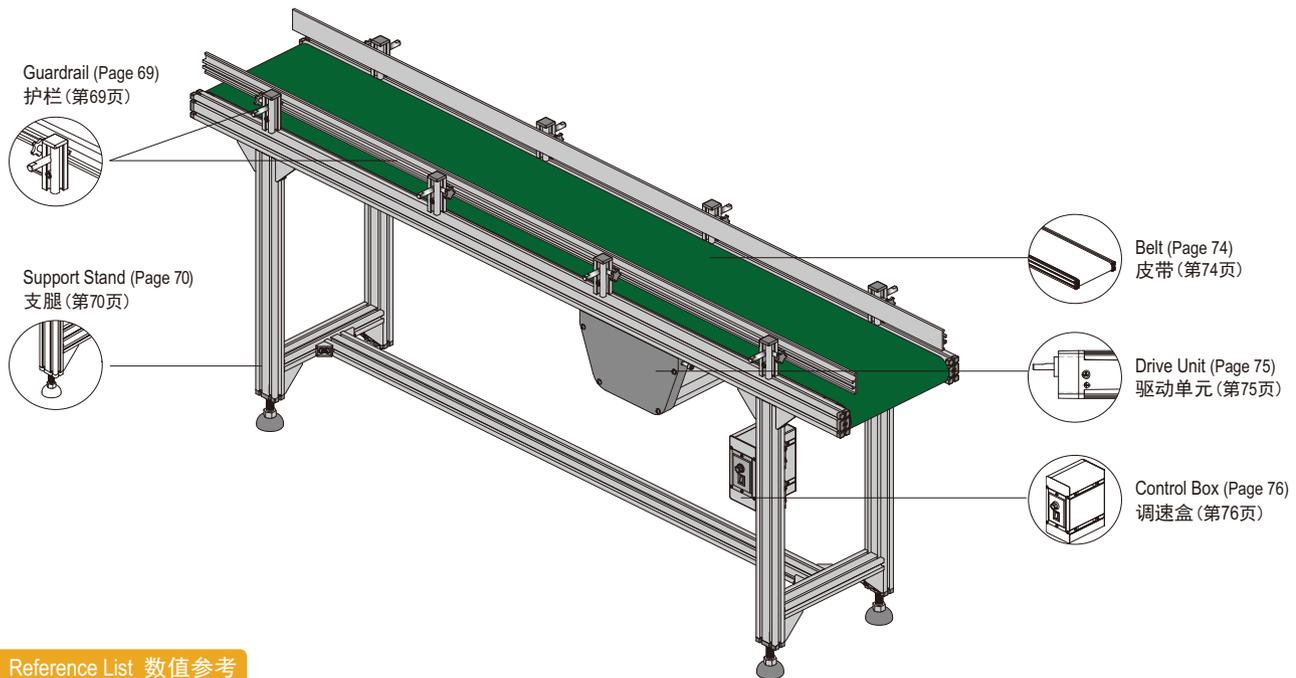
Belt conveyor is used to transfer a wide range of light or heavy products either continuously or intermittently. The structure is simple which leads to be a cost effective way to convey goods smoothly and with relatively less noise. It is suitable to use where a quiet work environment is necessary.

皮带输送机用于连续或间歇输送各种轻重不同的物品，结构简单，使用成本低；用途广泛，输送平稳，噪音较小，适合工作环境要求比较安静的场合。

Lagout 整机结构图

Take B2200 Belt Conveyor as example:

以B2200皮带输送机为例：


Reference List 数值参考

Conveyor Type 机型	Conveyor Length 线体长度 (mm)	Conveyor Width 皮带宽度 (mm)	Max. Load Capacity 最大负载能力 (kg)	Max. Belt Speed 最大运行速度 (m/min)
B1100	600≤L≤3000mm	80≤W≤300mm	30	40
B1200	600≤L≤6000mm	80≤W≤300mm	40	40
B2100	600≤L≤6000mm	80≤W≤400mm	40	40
B2200	600≤L≤10000mm	80≤W≤400mm	50	40
B3100	600≤L≤6000mm	200≤W≤600mm	50	40
B3200	1000≤L≤20000mm	300≤W≤1000mm	120	40

B1100
Specifications 规格配置

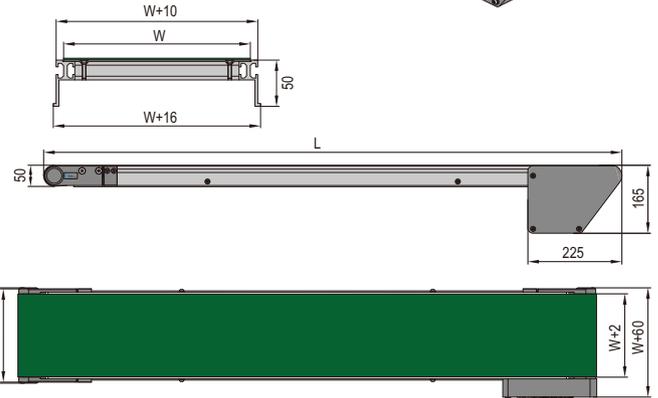
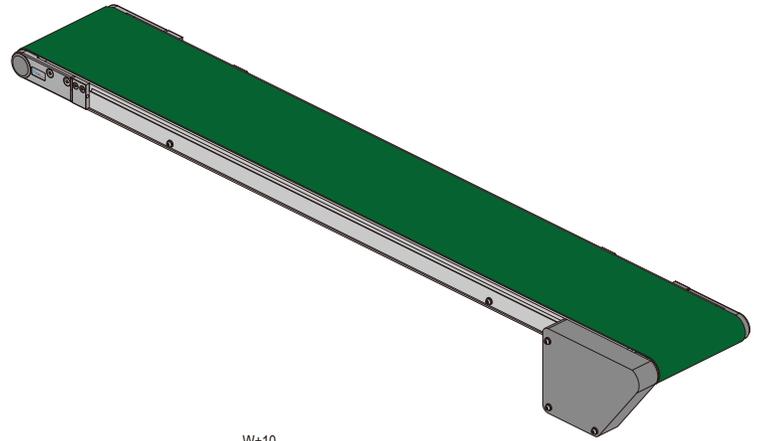
Conveyor Length 线体长度	600≤L≤3000mm
Conveyor Width 皮带宽度	80≤W≤300mm
Max. Load Capacity 最大负载能力	30kg
Max. Belt Speed 最大运行速度	V max.=40m/min
Pulley Diameter 驱动辊筒直径	Φ47mm

Features/Benefits 特征

1. Efficient installation and adjustment;
皮带安装调换方便快捷;
2. End drive models free up conveyor ends for operator interface;
端驱动, 节省空间;
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购

B1100---M---L---W---H---A---I---220---20---V---C---S---P


Transport Direction 输送方向


Direction A&B preferred, if C&D needed, please contact us at: info@moduasm.com.
 推荐运行方向(A, B), 当反向运行(C, D)时, 请来电咨询。

Example 订货范例:

B1100---M10---L2000---W200---H800---A---I---220---20---V---C---S1---P1

B1100 series end drive conveyor---max. load capacity 10kg---2000mm long---200mm wide---800mm high---transport direction A ---imported motor---220V---conveyor speed 20m/min---variable speed---chinese brand belt---S1 support stand---P1 guardrail.

B1100端驱动皮带机---满载负载10kg---长度2000mm---宽度200mm---高度800mm---输送方向A ---进口电机---电压220V---速度20m/min---可调速---国产皮带---配置S1支腿---配置P1护栏。

- ⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置, 可取消相对应编号。
- ⚠ The load capacity will be reduced when the conveyor speed exceeds 20m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过20m/min时, 输送机的负载能力会下降, 详情请来电咨询。
- ⚠ Please refer to page 76 when using adjustable speed motor.
使用调速电机时请参照样本第76页。

B1200

Specifications 规格配置

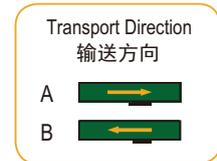
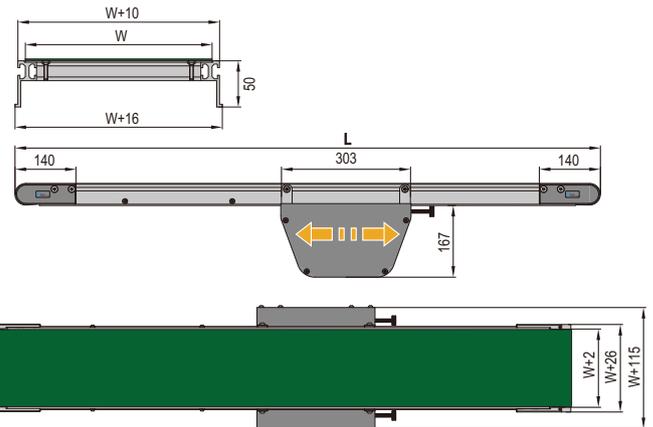
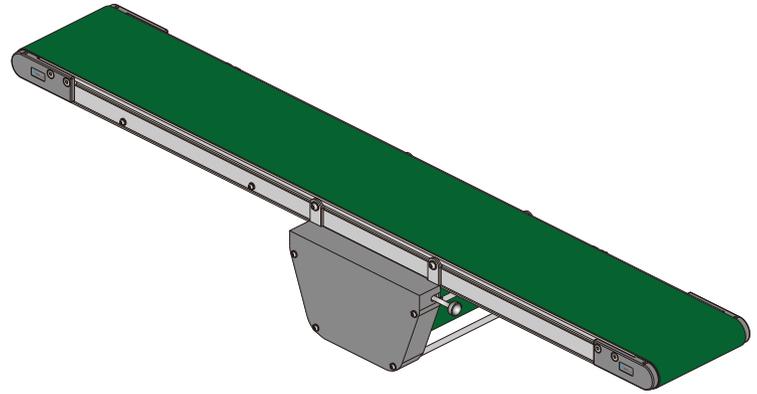
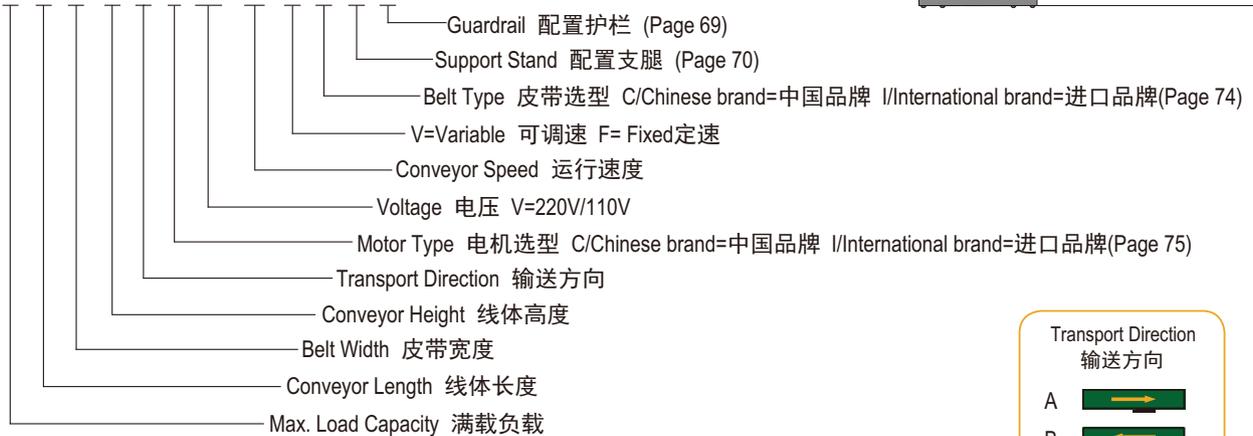
Conveyor Length 线体长度	600≤L≤6000mm
Conveyor Width 皮带宽度	80≤W≤300mm
Max. Load Capacity 最大负载能力	40kg
Max. Belt Speed 最大运行速度	V max.=40m/min
Pulley Diameter 驱动辊筒直径	Φ80mm

Features/Benefits 特征

1. Quick adjust belt tensioning;
快速调整皮带松紧；
2. Center drive models make conveyor more safe and reliable;
中间驱动，稳定安全，可双向运行；
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购

B1200---M---L---W---H---A---I---220---20---V---C---S---P



Example 订货范例:

B1200---M10---L2000---W200---H800---A---I---220---20---V---C---S1---P1

 B1200 series center drive conveyor---max. load capacity 10kg---2000mm long---200mm wide---800mm high---transport direction A
 ---imported motor---220V---conveyor speed 20m/min---variable speed---chinese brand belt---S1 support stand---P1 guardrail.

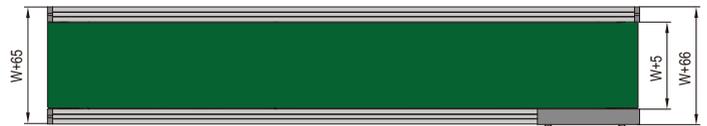
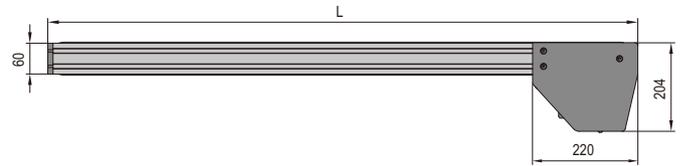
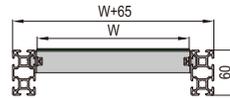
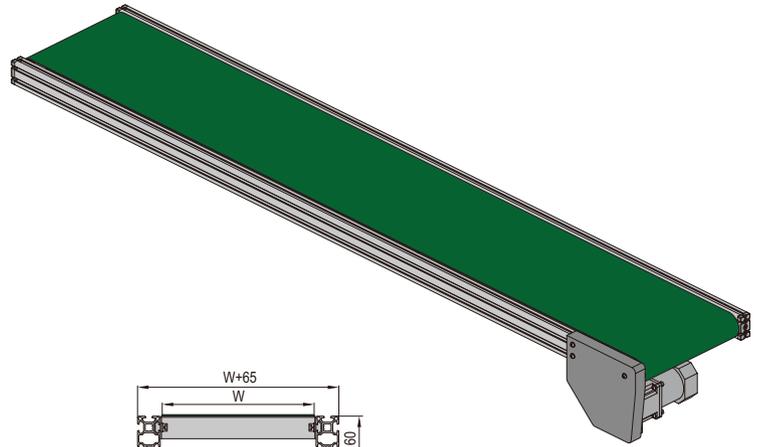
 B1200中间驱动皮带机---满载负载10kg---长度2000mm---宽度200mm---高度800mm---输送方向A
 ---进口电机---电压220V---速度20m/min---可调速---国产皮带---配置S1支腿---配置P1护栏。

- ⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置，可取消相对应编号。
- ⚠ The load capacity will be reduced when the conveyor speed exceeds 20m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20m/min 时，输送机的负载能力会下降，详情请来电咨询。
- ⚠ Please refer to page 76 when using adjustable speed motor.
使用调速电机时请参照样本第 76 页。

B2100

Specifications 规格配置

Conveyor Length 线体长度	600≤L≤6000mm
Conveyor Width 皮带宽度	80≤W≤400mm
Max. Load Capacity 最大负载能力	40kg
Max. Belt Speed 最大运行速度	V max.=40m/min
Pulley Diameter 驱动辊筒直径	Φ60mm



Features/Benefits 特征

1. Efficient installation and adjustment;
皮带安装调换方便快捷;
2. End drive models free up conveyor ends for operator interface;
端驱动, 节省空间;
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购

B2100---M---L---W---H---A---I---220---20---V---C---S---P



Transport Direction 输送方向



Direction A&B preferred, if C&D needed, please contact us at: info@moduasm.com.
 推荐运行方向(A, B), 当反向运行(C, D)时, 请来电咨询。

Example 订货范例:

B2100---M10---L2000---W200---H800---A---I---220---20---V---C---S1---P1

 B2100 series end drive conveyor---max. load capacity 10kg---2000mm long---200mm wide---800mm high---transport direction A
 ---imported motor---220V---conveyor speed 20m/min---variable speed---chinese brand belt---S1 support stand---P1 guardrail.

 B2100端驱动皮带机---满载负载10kg---长度2000mm---宽度200mm---高度800mm---输送方向A
 ---进口电机---电压220V---速度20m/min---可调速---国产皮带---配置S1支腿---配置P1护栏。

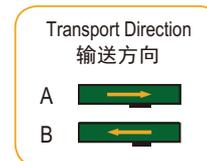
- ⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置, 可取消相对应编号。
- ⚠ The load capacity will be reduced when the conveyor speed exceeds 20m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20m/min 时, 输送机的负载能力会下降, 详情请来电咨询。
- ⚠ Please refer to page 76 when using adjustable speed motor.
使用调速电机时请参照样本第76页。

B2200
Specifications 规格配置

Conveyor Length 线体长度	600≤L≤10000mm
Conveyor Width 皮带宽度	80≤W≤400mm
Max. Load Capacity 最大负载能力	50kg
Max. Belt Speed 最大运行速度	V max.=40m/min
Pulley Diameter 驱动辊筒直径	Φ80mm

Features/Benefits 特征

1. Quick adjust belt tensioning;
快速调整皮带松紧；
2. Center drive models make conveyor more safe and reliable;
中间驱动，稳定安全，可双向运行；
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购
B2200---M---L---W---H---A---I---220---20---V---C---S---P


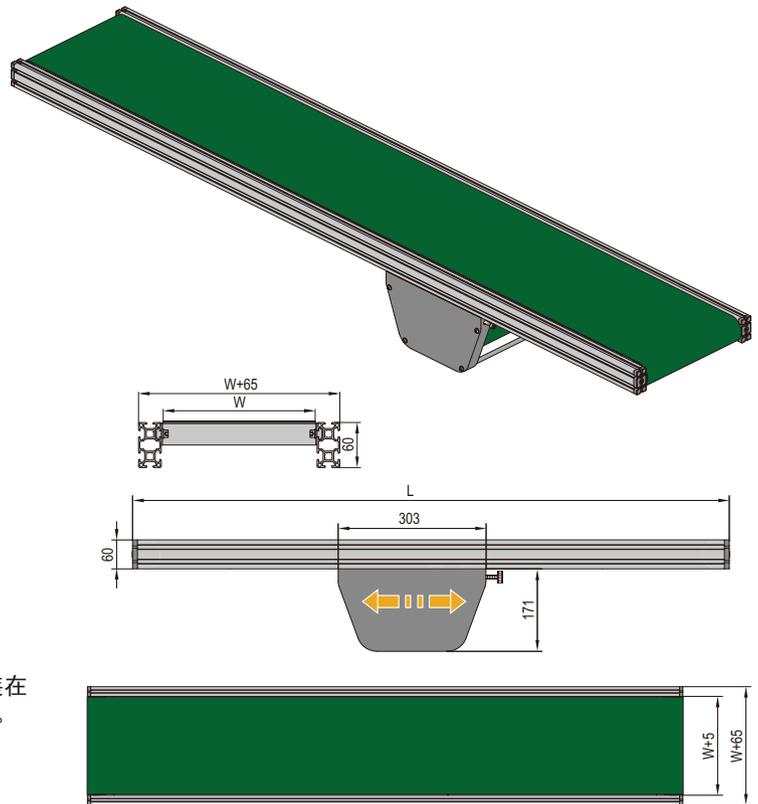
Example 订货范例:

B2200---M20---L2000---W200---H800---A---I---220---20---V---C---S1---P1

 B2200 series center drive conveyor---max. load capacity 20kg---2000mm long---200mm wide---800mm high---transport direction A
 ---imported motor---220V---speed 20m/min---variable speed---chinese brand belt---S1 support stand---P1 guardrail.

 B2200中间驱动皮带机---满载负载20kg---长度2000mm---宽度200mm---高度800mm---输送方向A
 ---进口电机---电压220V---速度20m/min---可调速---国产皮带---配置S1支腿---配置P1护栏。

- ⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置，可取消相对应编号。
- ⚠ The load capacity will be reduced when the conveyor speed exceeds 20m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20m/min时，输送机的负载能力会下降，详情请来电咨询。
- ⚠ Please refer to page 76 when using adjustable speed motor.
使用调速电机时请参照样本第76页。



B3100

Specifications 规格配置

Conveyor Length 线体长度	600≤L≤6000mm
Conveyor Width 皮带宽度	200≤W≤600mm
Max. Load Capacity 最大负载能力	50kg
Max. Belt Speed 最大运行速度	V max.=40m/min
Pulley Diameter 驱动辊筒直径	φ70mm

Features/Benefits 特征

1. Efficient installation and adjustment;
皮带安装调换方便快捷;
2. End drive models free up conveyor ends for operator interface;
端驱动, 节省空间;
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购

B3100---M---L---W---H---A---I---220---20---V---C---S---P



Example 订货范例:

B3100---M20---L2000---W200---H800---A---I---220---20---V---C---S1---P1

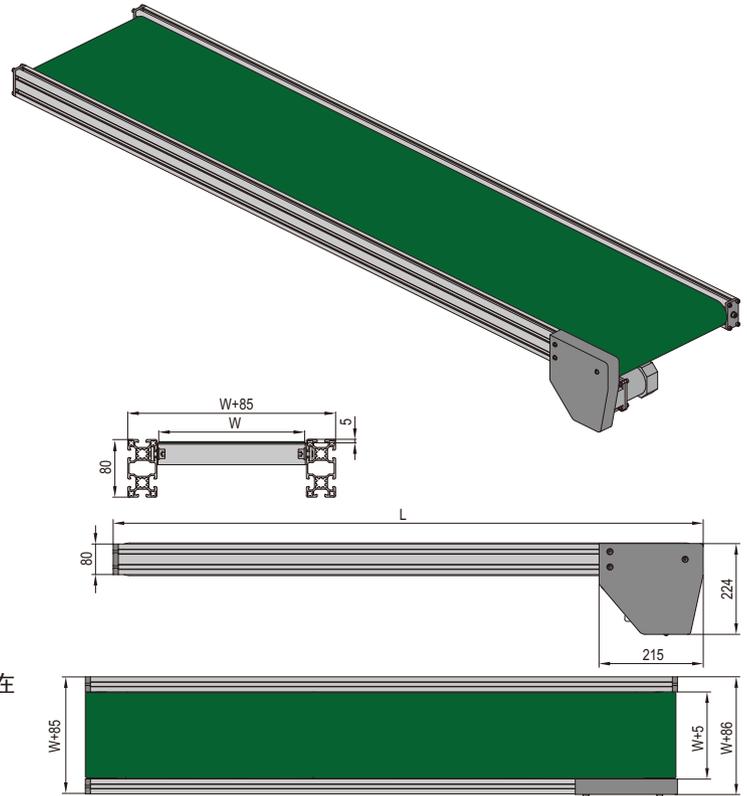
 B3100 series end drive conveyor---max. load capacity 20kg---2000mm long---200mm wide---800mm high---transport direction A
 ---imported motor---220V---conveyor speed 20m/min---variable speed---chinese brand belt---S1 support stand---P1 guardrail.

 B3100端驱动皮带机---满载负载20kg---长度2000mm---宽度200mm---高度800mm---输送方向A
 ---进口电机---电压220V---速度20m/min---可调速---国产皮带---配置S1支腿---配置P1护栏。

- ⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置, 可取消相对应编号。

- ⚠ The load capacity will be reduced when the conveyor speed exceeds 20m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过20m/min时, 输送机的负载能力会下降, 详情请来电咨询。

- ⚠ Please refer to page 76 when using adjustable speed motor.
使用调速电机时请参照样本第76页。



Transport Direction 输送方向



Direction A&B preferred, if C&D needed, please contact us at: info@moduasm.com.
推荐运行方向(A, B), 当反向运行(C, D)时, 请来电咨询。

B3200
Specifications 规格配置

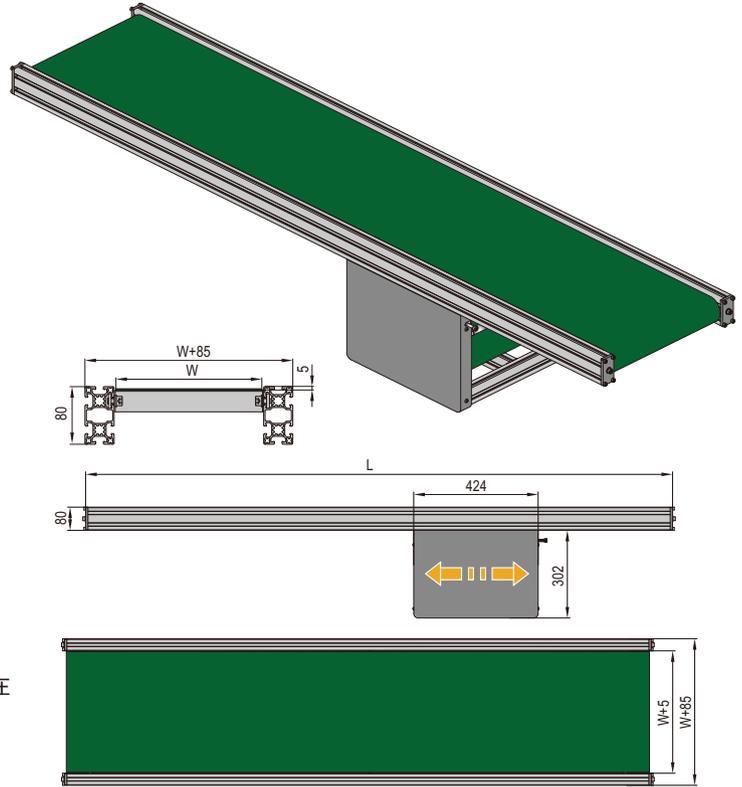
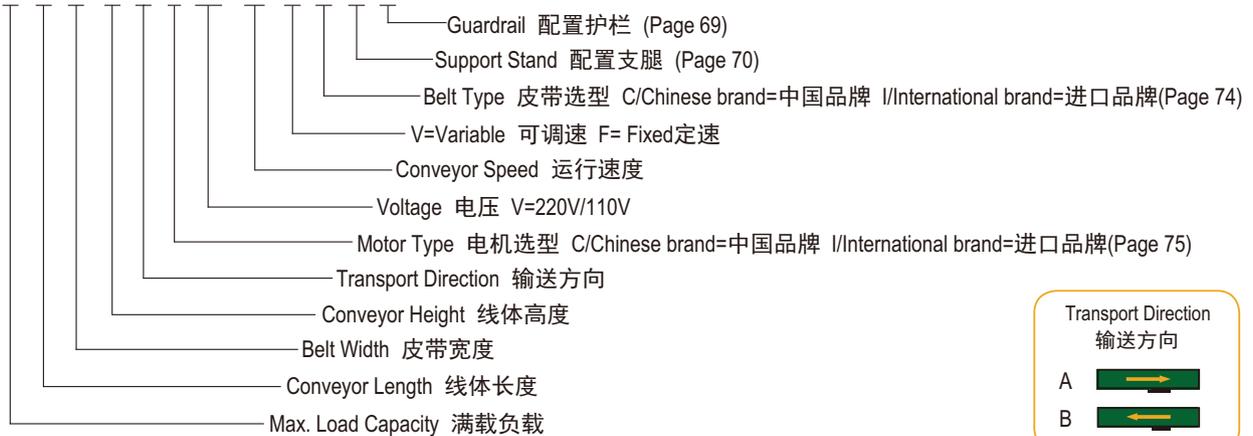
Conveyor Length 线体长度	1000≤L≤20000mm
Conveyor Width 皮带宽度	300≤W≤1000mm
Max. Load Capacity 最大负载能力	120kg
Max. Belt Speed 最大运行速度	V max.=40m/min
Pulley Diameter 驱动辊筒直径	φ120mm

Features/Benefits 特征

1. Quick adjust belt tensioning;
快速调整皮带松紧；
2. Center drive models make conveyor more safe and reliable;
中间驱动，稳定安全，可双向运行；
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购

B3200---M---L---W---H---A---I---220---20---V---C---S---P


Example 订货范例:

B3200---M60---L2000---W200---H800---A---I---380---20---V---C---S1---P1

 B3200 series center drive conveyor---max. load capacity 60kg---2000mm long---200mm wide---800mm high---transport direction A
 ---imported motor---380V---conveyor speed 20m/min---variable speed---chinese brand belt---S1 support stand---P1 guardrail.

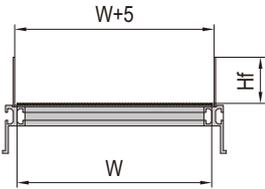
 B3200中间驱动皮带机---满载负载60kg---长度2000mm---宽度200mm---高度800mm---输送方向A
 ---进口电机---电压380V---速度20m/min---可调速---国产皮带---配置S1支腿---配置P1护栏。

- ⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置，可取消相对应编号。
- ⚠ The load capacity will be reduced when the conveyor speed exceeds 20m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过20m/min时，输送机的负载能力会下降，详情请来电咨询。
- ⚠ Please refer to page 76 when using adjustable speed motor.
使用调速电机时请参照样本第76页。

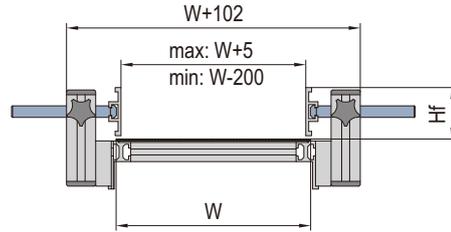
Guardrail
护栏

B1100/B1200 Guardrail
B1100/B1200 护栏

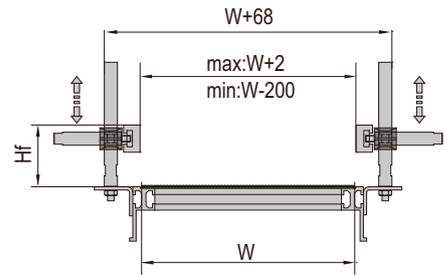
P1-Fixed Guardrail
P1-固定护栏



P2-Adjustable Guardrail
P2-可调护栏

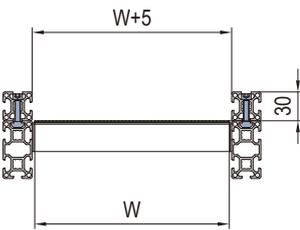


P3-Adjustable Guardrail
P3-可调护栏

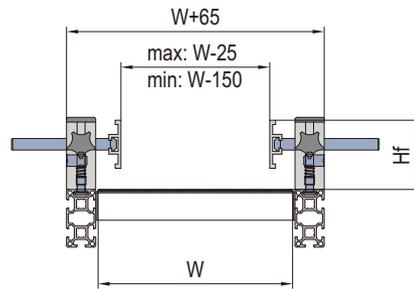


B2100/B2200 Guardrail
B2100/B2200 护栏

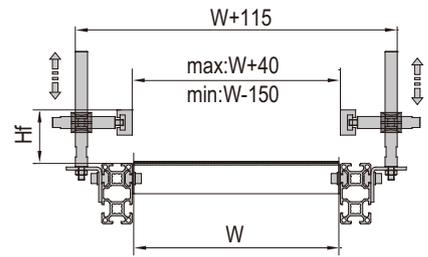
P1-Fixed Guardrail
P1-固定护栏



P2-Adjustable Guardrail
P2-可调护栏

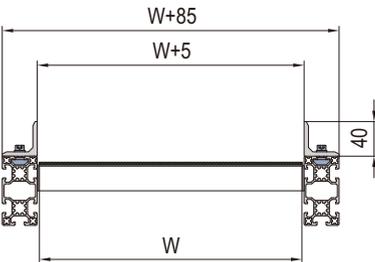


P3-Adjustable Guardrail
P3-可调护栏

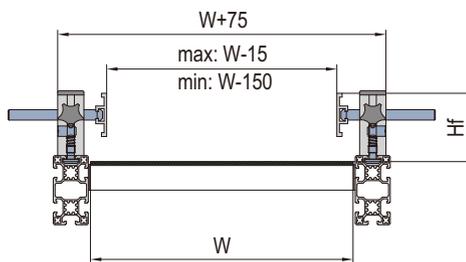


B3100/B3200 Guardrail
B3100/B3200 护栏

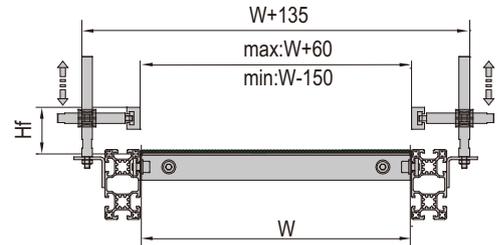
P1-Fixed Guardrail
P1-固定护栏



P2-Adjustable Guardrail
可调护栏

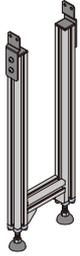


P3-Adjustable Guardrail
P3-可调护栏



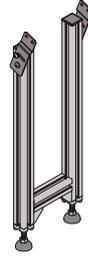
Support Stand
支腿

B1100/B1200 Support Stand
B1100/B1200 支腿



S1-Angle Fixed
S1-无倾斜角

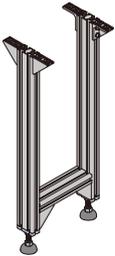
1. 40x40 aluminum profile support frame;
40x40铝型材支腿;
2. ± 30 mm height adjustment.
支腿可调节高度 ± 30 mm。



S2-Angle Adjustable
S2-有倾斜角

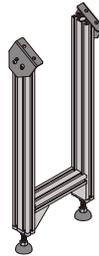
1. 40x40 aluminum profile support frame;
40x40铝型材支腿;
2. ± 30 mm height adjustment;
支腿可调节高度 ± 30 mm;
3. $\pm 15^\circ$ angle adjustment.
支腿可调节角度 $\pm 15^\circ$ 。

B2100/B2200 Support Stand
B2100/B2200 支腿



S1-Angle Fixed
S1-无倾斜角

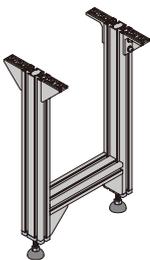
1. 30x60 aluminum profile support frame;
30x60铝型材支腿;
2. ± 30 mm height adjustment.
支腿可调节高度 ± 30 mm。



S2-Angle Adjustable
S2-有倾斜角

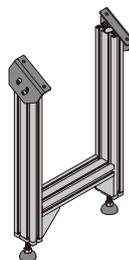
1. 30x60 aluminum profile support frame;
30x60铝型材支腿;
2. ± 30 mm height adjustment;
支腿可调节高度 ± 30 mm;
3. $\pm 15^\circ$ angle adjustment.
支腿可调节角度 $\pm 15^\circ$ 。

B3100/B3200 Support Stand
B3100/B3200 支腿



S1-Angle Fixed
S1-无倾斜角

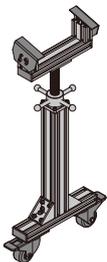
1. 40x80 aluminum profile support frame;
40x80铝型材支腿;
2. ± 30 mm height adjustment.
支腿可调节高度 ± 30 mm。



S2-Angle Adjustable
S2-有倾斜角

1. 40x80 aluminum profile support frame;
40x80铝型材支腿;
2. ± 30 mm height adjustment;
支腿可调节高度 ± 30 mm;
3. $\pm 15^\circ$ angle adjustment.
支腿可调节角度 $\pm 15^\circ$ 。

All Types Support Stand
所有机型 支腿



Height Adjustable
高度可调支脚

1. ± 120 mm height adjustment;
支腿可调节高度 ± 120 mm;
2. $\pm 15^\circ$ angle adjustment;
支腿可调节角度 $\pm 15^\circ$;

Toothed Belt Conveyor
齿形带输送机
Specifications 规格配置

Conveyor Length 线体长度	700≤L≤4000mm
Conveyor Width 输送宽度	260≤W≤3000mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	120kg
Max. Conveyor Speed 最大满载运行速度	V max.=30m/min
Drive Model 驱动方式	Direct 直接驱动
Conveying Medium 传输介质	PU Toothed Belt 聚氨酯齿形带

Features/Benefits 特征

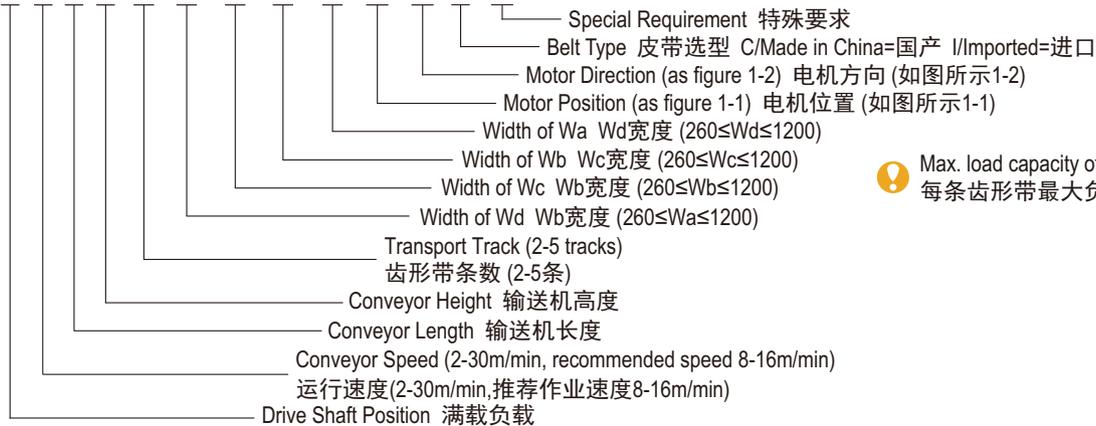
- The drive and return units are constructed from standardized modules. T slot aluminum profile frames are used for easy accessory attachment.
线体头尾为模块化设计, 边框为有标准槽口的高强度铝合金型材, 方便将输送机安装在其他设备上或在输送机上安装其它附件(如传感器、支架等)。
- Belt section with two to five tracks (maximum five tracks), the distance between tracks can be determined individually.
齿形带数量最少2条, 最大可达到5条;
- The surface treatment of toothed belt can be specified to meet the different request from customers such as increase or reduce the friction coefficient, resistance to high temperature up to 160 or antistatic.
齿形带处理可根据客户需求(如提高或减低摩擦系数、耐高温≤160、防静电等)特殊制作。

Industries Served 应用

Photovoltaic Industry, Electronics, Glass Conveying, Automobile Parts, etc.
光伏行业、电子、玻璃输送、汽车零部件等。

Ordering Reference 订购

TBC---M---V---L---H---T5---Wa---Wb---Wc---Wd---OS---F1---C---SR

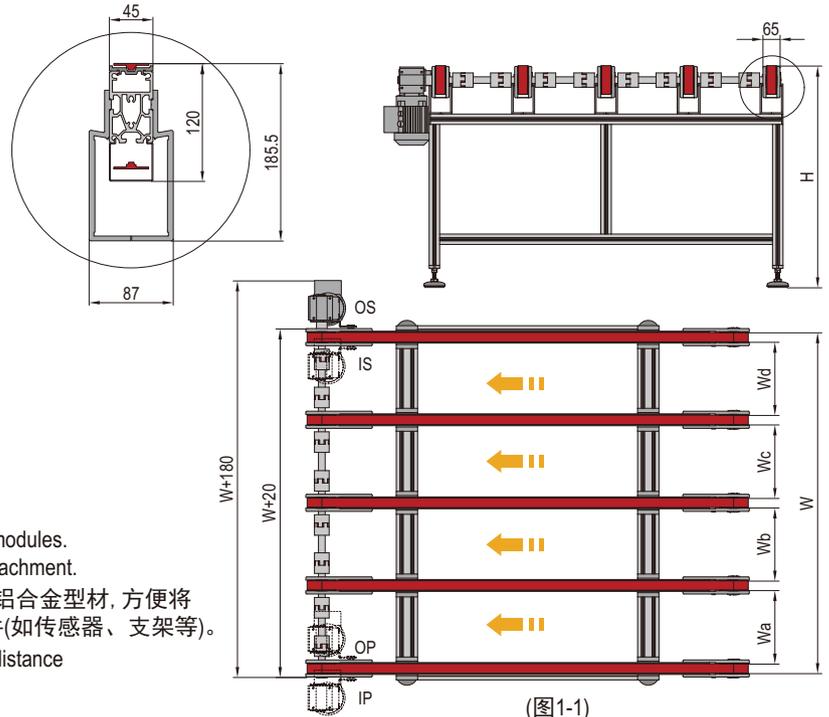


Example 订货范例:

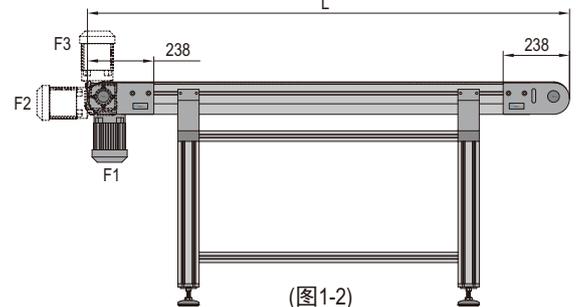
TBC---M60---V16---L2000---H800---T5---Wa300---Wb300---Wc300---Wd300---OS---F1---C

Toothed belt conveyor---max. load capacity 60kg---16m/min---2000mm long---800mm high---five transport tracks---width of Wa 300mm---width of Wb 300mm support---width of Wc 300mm---width of Wd 300mm---motor position at OS---motor direction of F1---chinese brand belt.

齿形带输送机---满载负载60kg---运行速度16m/min---线体长度2000mm---线体高度800mm---齿形带条数5条---Wa宽度300mm---Wb宽度300mm---Wc宽度300mm---Wd宽度300mm---电机位置OS---电机方向F1---国产皮带。



(图1-1)



(图1-2)

⚠ Max. load capacity of each toothed belt is 60kg
每条齿形带最大负载能力60kg



Incline belt conveyor with sidewall 裙边挡板爬坡皮带机

Incline Belt Conveyor 爬坡皮带输送机

Industries Served 应用

Light Industry, Food, Chemical Industry ect.;
轻工、食品、化工、机械等；



Incline belt conveyor with stainless steel sidewall 不锈钢挡板爬坡皮带机



Incline belt conveyor with sidewall 裙边挡板爬坡皮带机



Incline belt conveyor with sidewall 裙边挡板爬坡皮带机

Incline Belt Conveyor
爬坡皮带输送机

Specifications 规格配置

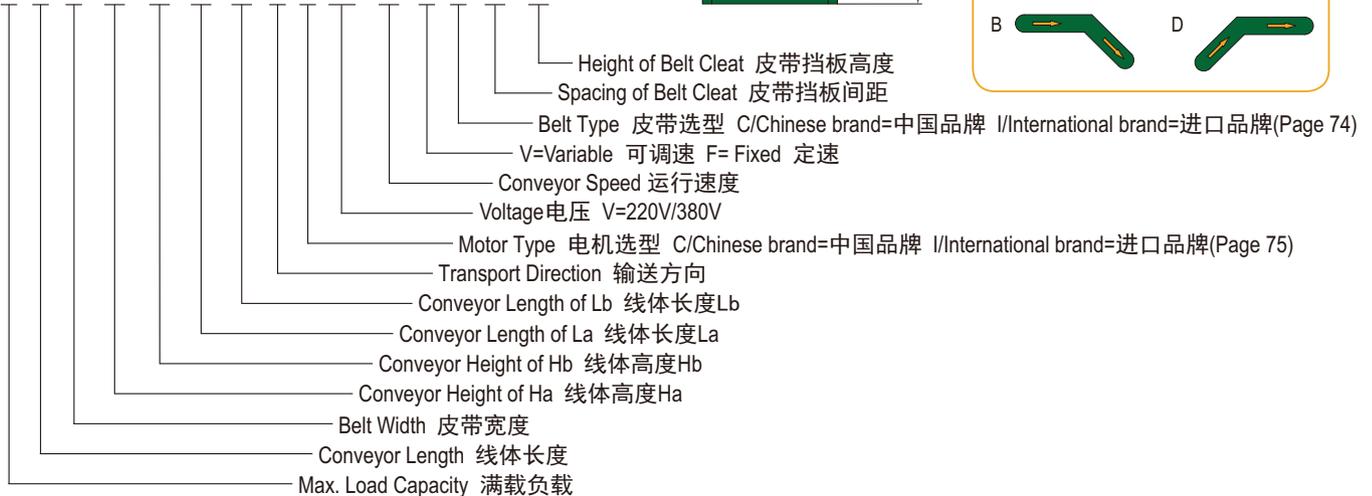
Conveyor Length 线体长度	1500≤L≤10000mm
Conveyor Width 线体宽度	200≤W≤800mm
Max. Load Capacity 最大负载能力	60kg
Belt Speed 满载运行速度	2≤V≤20m/min
Drive Model 驱动方式	Direct/Indirect 直接驱动/间接链动
Belt Material 皮带材质	Rubber/PU/PVC 橡胶/RU聚胺酯PU/聚氯乙烯PVC

Features/Benefits 特征

1. Simple structure with low cost;
结构简单, 能耗较小, 使用成本低;
2. Belt with sidewall and cleat can transfer very small products;
采用带挡边及挡板的皮带, 可以输送小颗粒及粉状的物料;
3. T slot aluminum profile frame for easy accessory attachment.
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)。

Ordering Reference 订购

INC--M--L--W--Ha--Hb--La--Lb--A--I--220--20--V--C--Bp--Bh



Example 订货范例:

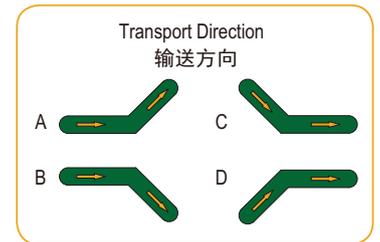
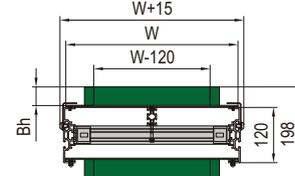
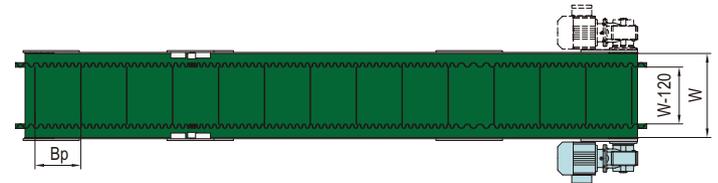
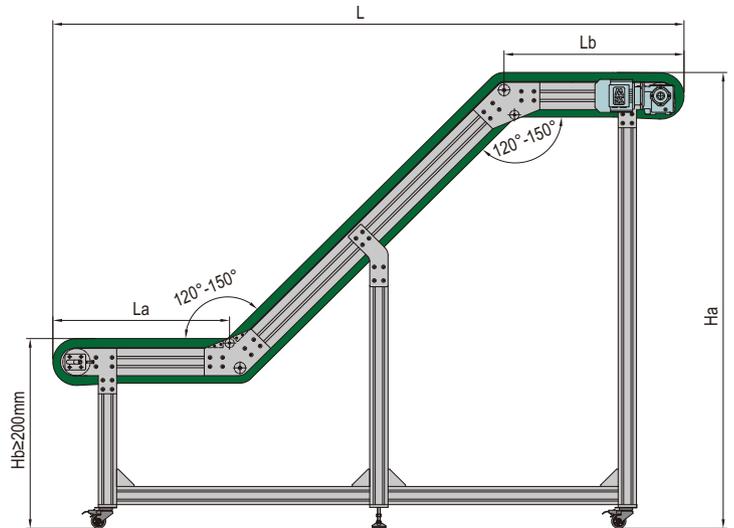
INC--M30--L2000--W400--Ha1452--Hb300--La520--Lb520--A--I--220--20--V--C--Bp50--Bh30

Incline conveyor---max. load capacity 30kg---2000mm long---400mm wide---height of Ha 1452mm---height of Hb 300mm--- length of La 520mm---length of Lb 520mm
---transport direction of A---imported motor---220V---conveyor speed 20m/min---variable speed---chinese brand belt---spacing of belt cleat 50mm---height of belt cleat 30mm.

爬坡输送机---满载负载30kg---长度2000mm---宽度400mm---Ha高度1452mm---Hb高度300mm---La长度520mm---Lb长度520mm---输送方向A
---进口电机---电压220V---运行速度20m/min---可调速---国产皮带---皮带挡板间距50mm---皮带挡板高度30mm。

⚠ Please cancel the corresponding number if it doesn't needed.
如不需要某项配置, 可取消相对应编号。

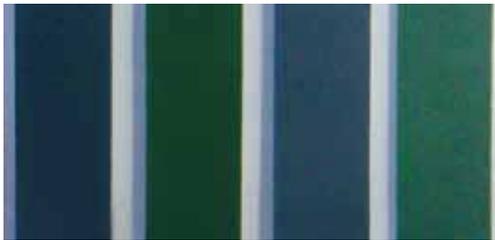
⚠ The load capacity will be reduced when the conveyor speed exceeds 20m/min,
for more details, please contact us at: info@moduasm.com
运行速度超过 20m/min时, 输送机的负载能力会下降, 详情来电咨询。



Belt
皮带

Seglin Belt

 Standard conveyor belt
标准输送皮带



I1S I2S I3S

Description 描述	Colour 颜色	Thickness 厚度(mm)	Temperature range 工作温度范围	Application types 适用机型
I1S	atrovirens 墨绿色	1	-10~70°	B1100/B1200
I2S	atrovirens 墨绿色	2	-10~70°	all types 所有机型
I3S	atrovirens 墨绿色	3	-10~70°	B2100/2200/3100/3200

 Other conveyor belt
其他输送皮带



Yongli Belt

 Standard conveyor belt
标准输送皮带



H1S H2S H3S

Description 描述	Colour 颜色	Thickness 厚度(mm)	Temperature range 工作温度范围	Application types 适用机型
C1S	green 绿色	1	-10~80°	B1100/B1200
C2S	green 绿色	2	-10~80°	all types 所有机型
C3S	atrovirens 墨绿色	3	-10~80°	B2100/2200/3100/3200

 Other conveyor belt
其他输送皮带



 For more details, please contact us at: info@moduasm.com.
相关技术信息，请来电咨询。

Motor
电机

🏷 Import Motor
进口电机

Oriental motor
东方马达



Panasonic
ideas for life



Power 功率	Voltage(single-phase) 电压(单相)
25W	110/220V
40W	110/220V
60W	110/220V
90W	110/220V

SEW
EURODRIVE

NORD
DRIVESYSTEMS



Power 功率	Voltage(three-phase) 电压(三相)
180W	380V
250W	380V
370W	380V
750W	380V

🏷 Made in China (taiwan)
台湾产

PeciMoger



JSEC·精研



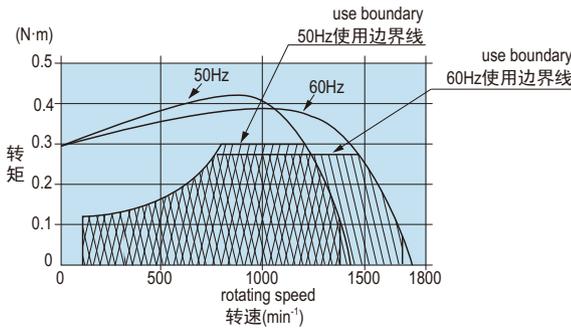
Power 功率	Voltage(single-phase) 电压(单相)
25W	220V
40W	220V
60W	220V
90W	220V
120W	220V
200W	220V

⚠ Adjustable speed could be achieved by selecting the adjustable speed motors with control box.
小型电机可选配带调速盒的调速电机实现调速功能。

⚠ For more details, please contact us at: info@moduasm.com.
相关技术信息，请来电咨询。

Instruction of small motor with speed controller (Example of Output 60W)
小型调速电机配调速器使用说明(以60W为例)

Motor speed vs. Torque 速度转矩曲线图



! The use boundary of variable speed motor 有关使用边界线

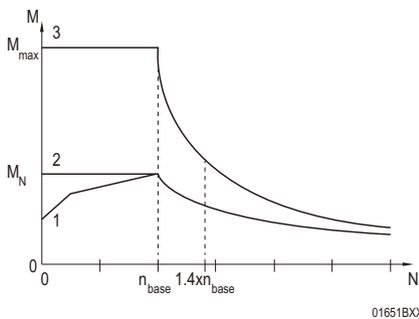
The graph shows the allowed torque should be within the range of the shaded area. If the motor is used at torque outside the range, it could either cause the motor loss due to operating temperature rise or cause the gear tooth broken or etc. So please be aware to avoid such use.

表示可变速电动机的使用界限。许用转矩请使用作为该使用范围的斜线内部的值。若使用超越使用边界线(无斜线的部分)的值,则电动机可能会因温度上升而烧损。此外,还会引起齿轮的断齿等,因此请避免使用。

! Important Note: Optimum running speed should be at more than 60% of the speed range. If low speed is needed, it is better to change the gear head with a larger reduction ratio or to apply a forced-cooling fan to maintain the best performance of the motor.

重要提示(建议):调速范围常速控制在60%以上为最佳,若使用时必须维持在低转速,建议可将减速箱更换为较高的减速比,或改用强制风扇,已达到最佳的效率。

Instruction of 380V three phase motor with forced cooling fan
380V调速电机配强冷风扇使用说明



- High start frequency 高启动频率
- With flywheel Z of high inertia 带高惯量飞轮Z
- Adjusting range >20 调频范围>20
- Low speed or static state reaches the normal output torque 低速或静止状态达到额定输出转矩
- Working frequency of long-term under 25Hz 长期工作在25Hz以下

- | | |
|--|----------------------------------|
| M_N =Rated torque of the motor 电机扭矩 | 1 =With integrated cooling 带集成风扇 |
| M_{max} =Maximum torque of the motor 电机最大扭矩 | 2 =With forced cooling 带强冷风扇 |
| M_{base} =Rated speed (transition speed) of the motor 电机转速 | 3 =Maximum torque 最大扭矩 |

! The motor proposed are SEW and NORD which could use frequency controller, and the recommended frequency should be more than 25Hz for Motor of 50HZ. Otherwise, a forced-cooling fan is needed to achieve the best performance of the motor.

我司配套的SEW、NORD调速电机都可以用变频器调速,推荐调速范围50Hz±25Hz即25Hz以上,当调速范围低于25Hz;调速电机需配备强冷风扇,以达到最佳的使用效率。

Other Type of Conveyors
其它种类输送机



Chain conveyor with workpiece 附带工装链条输送机



Chain conveyor with workpiece 附带工装链条输送机



Automation assembly line (for rubber coating) 自动化涂胶输送线



Chain conveyor with workpiece 附带工装顶板链输送机



Heavy load capacity of chain conveyor (for 3000kg) 重载物流托盘(3吨)链条输送机



Shaft conveyor for heavy load 轴类重载输送机

Electrical Control System
电气控制系统



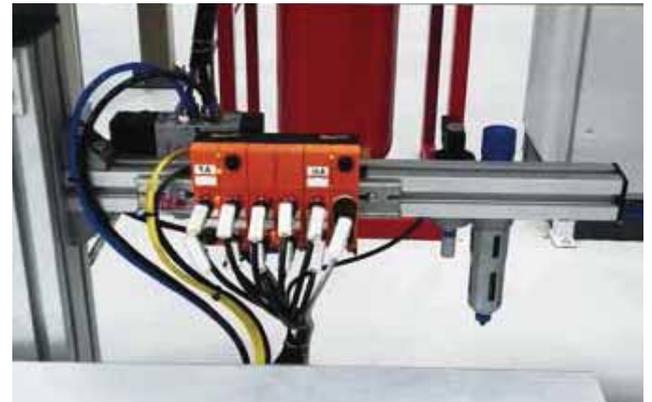
Centralized control system 集中式控制系统



Pallet conveying control system 托盘输送控制系统



AS-i Distribution control system AS-i分布式控制系统



AS-i Distribution control system AS-i分布式控制系统



Electrical Control Cabinet 电控柜



Bearing production line 轴承生产输送控制系统



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Dalian 116200, China

地址：大连普兰店经济开发区海湾工业区 邮编：116200

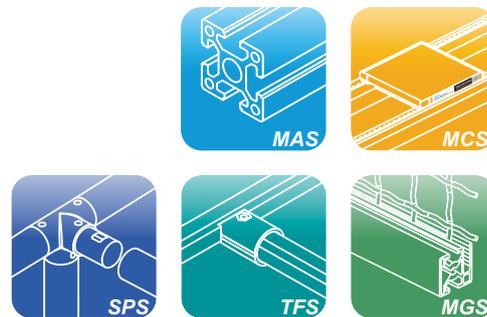
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Modular Conveyor System