

Modular Conveyor System



Modular Conveyor System
模块化输送系统

Version 5.8



行业领先的 模块化输送系统供应商

Leading supplier of modular conveyor system

大连美德乐工业组装技术有限公司成立于2009年，总部及工厂位于辽宁省大连市普兰店经济开发区海湾工业区。

公司秉承国际前沿设计理念，发挥中国本土加工优势，致力于为工业自动化领域提供优质、专业的模块化输送系统及相关组件。公司产品广泛应用于新能源、汽车零部件制造、家用电器、3C电子等行业。

Modular Assembly Technology Co., Ltd. was established in 2009. Its headquarters and factory are located in the Haiwan Industrial Park, Economic Development Zone of Pulandian, Dalian, Liaoning Province.

With adoption of international advanced design concept and advantage of domestic production, Modular focuses on supplying qualified and professional modular conveyor system and related units to industrial automation area. The products are widely used in the industries of new energy, automotive parts production, household appliances and electronics etc.

装配车间 Assembly Workshop

大规模装配车间，装配工艺完善，人员技术知识过硬，可保障快速交付。

With enough assembly space, perfect assembly process and excellent technical knowledge, which ensure the quick delivery.



机加车间 Machining Workshop

公司一直注重核心工艺制造能力的提升，已实现全部关键零部件以及绝大部分其他零部件的自行生产。

Modular is keeping improving the core capacity of process and production. All key components and parts, and most of other elements are in-house production.



仓储车间 Storage Workshop

大型仓库，工件高储备量，保证稳定供应。

With large-scale warehouse and high storage volume, which ensure the stable supply capacity.



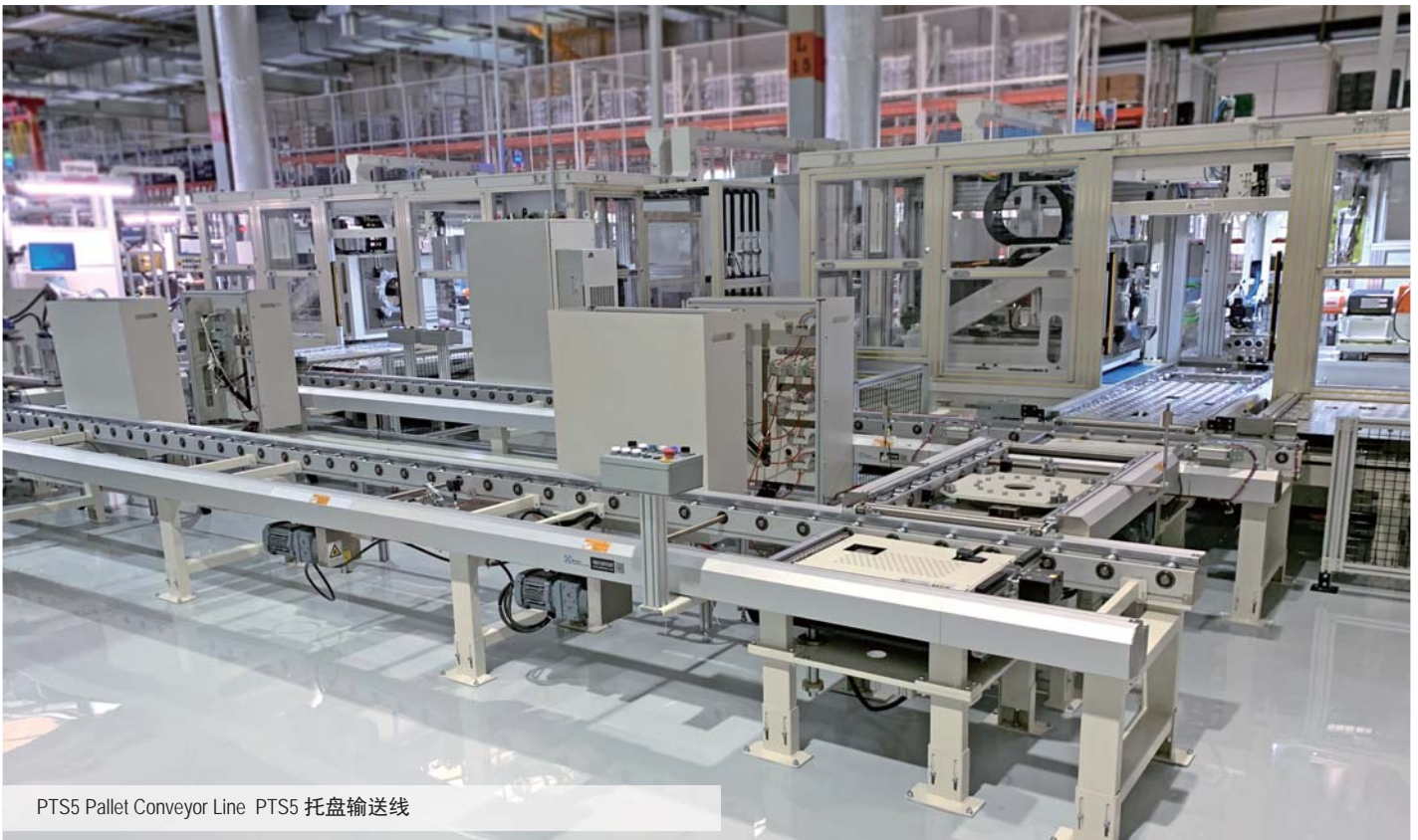
专业 专注 精益求精 Profession Devotion Keep Improving

- Experienced team of engineers
- Professional equipment and years of practice
- Standardized operating procedures
- High-quality sales team and customer-oriented service tenet
- Modular provides you not only the products, but also the cutting-edge concepts in the industrial field
- We want to show you not only our product quality, but also an attitude of service

- 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
- 我们要您了解的不只是产品质量，更是一种服务态度







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 托盘输送系统

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 Basic Conveyor System
 基础输送系统

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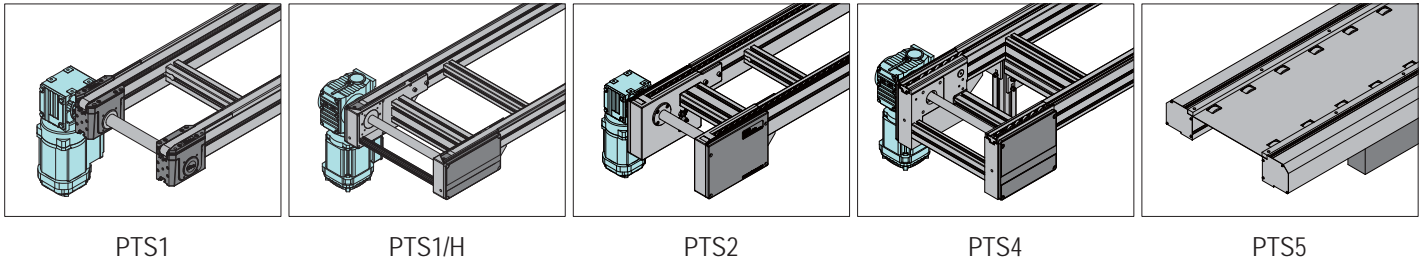
Pallet Transfer System 托盘输送系统

Pallet Transfer System (PTS) are composed of PTS1, PTS1/H, 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.

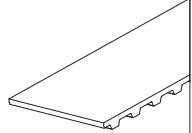
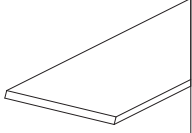
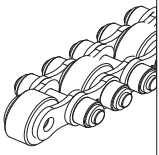
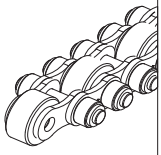
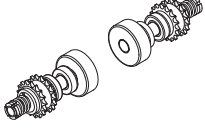
托盘输送系统 (PTS) 是根据单个托盘最大满载总重量不同而分类，分别为 PTS1 & PTS1/H & PTS2 & PTS4 & PTS5 系列，在每个系列中，使用标准线体和高度模块化的配套机构，可以应对多种场合进行便捷的组合使用，以满足各种自动化生产的需求。



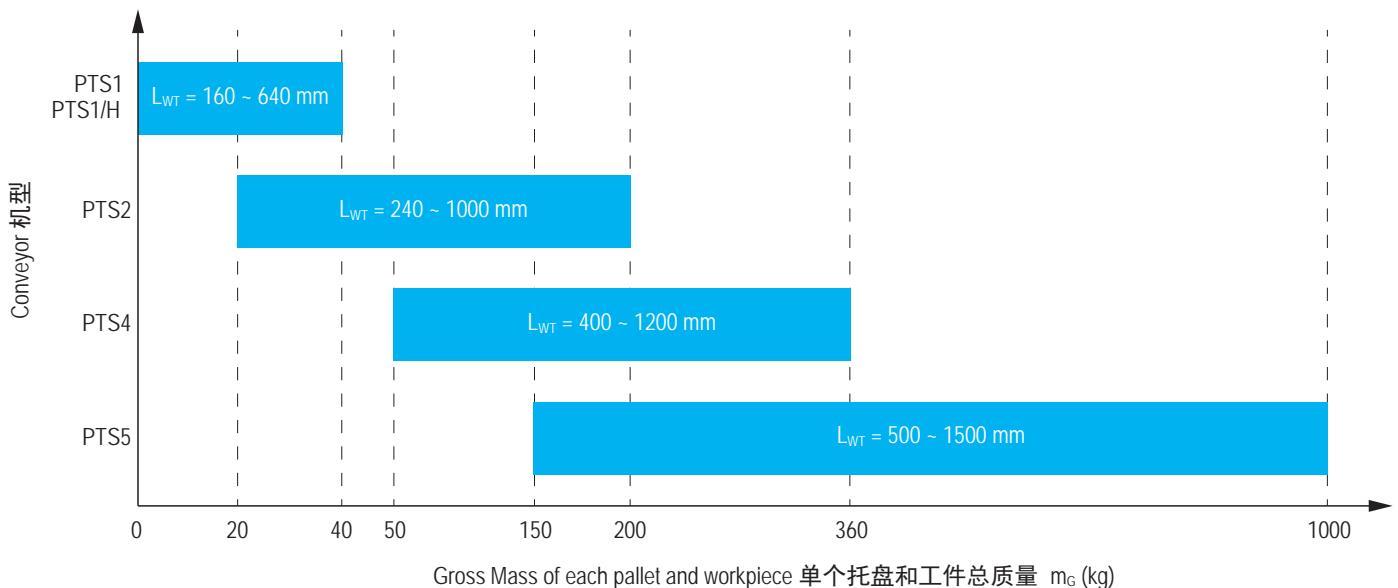
PTS Pallet Transfer System Overview
PTS 托盘输送系统分类



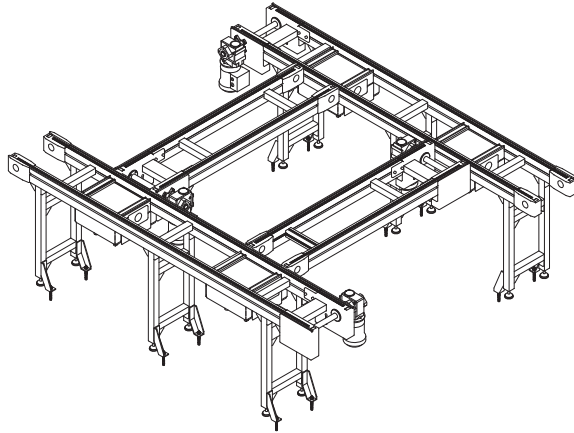
Conveyor Parameter
机型参数

Key Parameter 重要参数	Conveyor Type 机型名称	PTS1	PTS1/H	PTS2	PTS4	PTS5
Conveying Medium 输送介质				08BS 	12BS 	
Max. Unit Load Capacity 线体最大单位承载能力		1 kg/cm	1 kg/cm	1.5 kg/cm (尼龙/ PA) 2.0 kg/cm (钢质/ ST)	4.0 kg/cm	200 kg for each pair of rollers 200 kg/每组辊轮
Max. Total Load Capacity 最大整机负载		60 kg	150 kg	1200 kg (尼龙/ PA) 2200 kg (钢质/ ST)	3000 kg	4500 kg

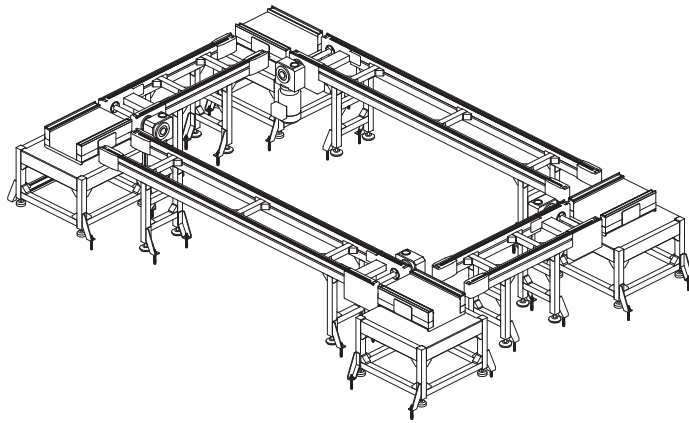
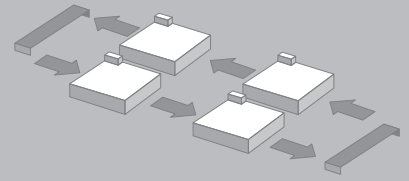
Conveyor Typical Application
机型典型应用



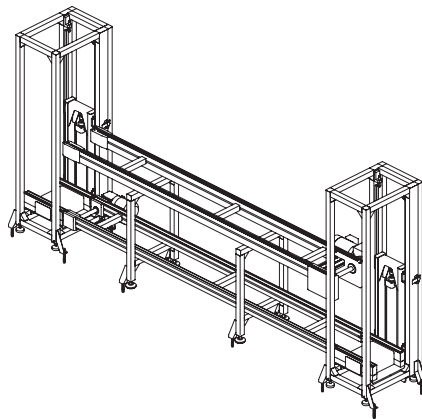
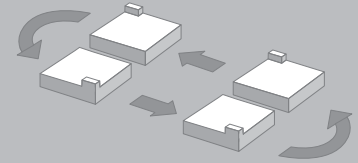
Layout Planning
基础排布形式



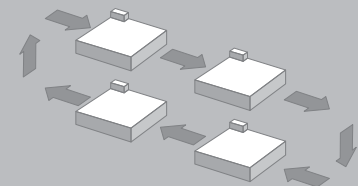
Horizontal Circuit A
水平循环排布A



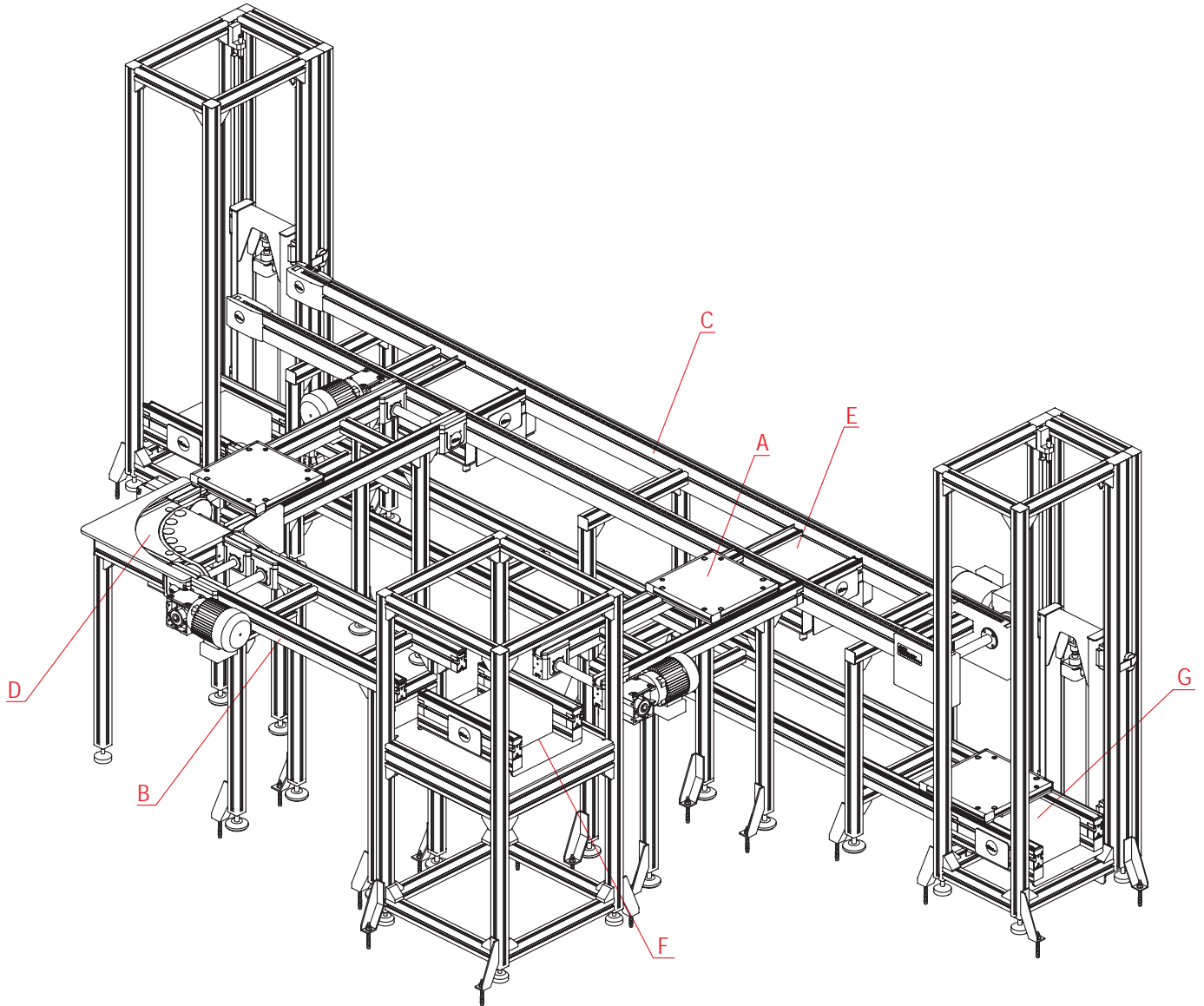
Horizontal Circuit B
水平循环排布B



Vertical Circuit
垂直循环排布



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



Total load capacity of PTS1 pallet conveyor is within 60 kg.

Total load capacity of PTS1/H pallet conveyor is within 150 kg.

Total load capacity of PTS2 pallet conveyor is within 2200 kg.

In conjunction with other units to suit for automatic transfer requirements.

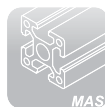
PTS1 托盘输送系列适用于满载总重量在 60 kg 以内的输送场合。

PTS1/H 托盘输送系列适用于满载总重量在 150 kg 以内的输送场合。

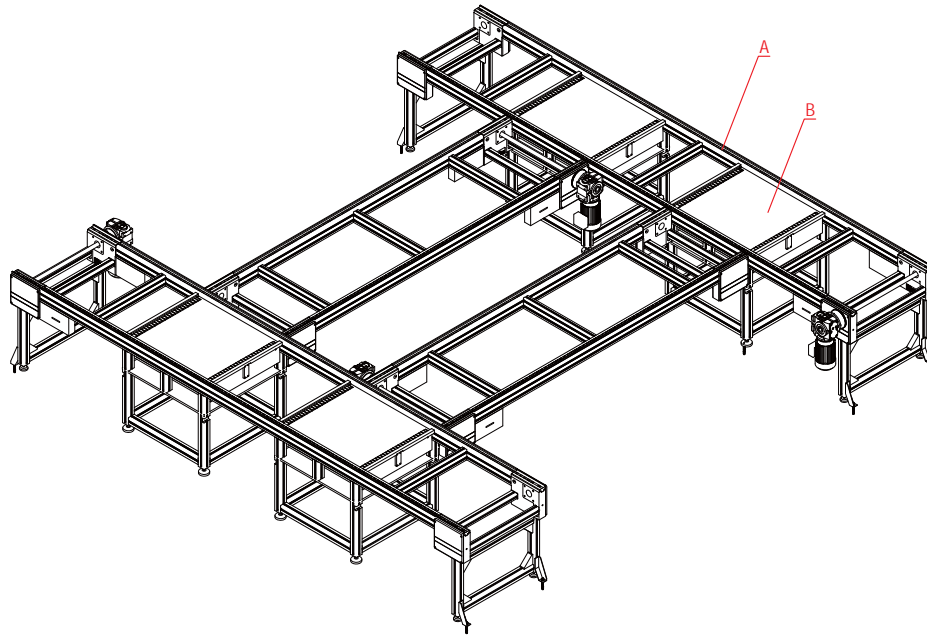
PTS2 托盘输送系列适用于满载总重量在 2200 kg 以内的输送场合。

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。

A	Pallet	托盘
B	PTS1 & PTS1/H Pallet Conveyor	PTS1 & PTS1/H 托盘输送机
C	PTS2 Pallet Conveyor	PTS2 托盘输送机
D	PCU90 Round Belt Curve	PCU90 圆带转弯
E	PLT60 Lift and Transverse Unit	PLT60 顶升横移
F	PRO30 Rotate Unit	PRO30 转台
G	PLI60 Lift Unit	PLI60 升降机



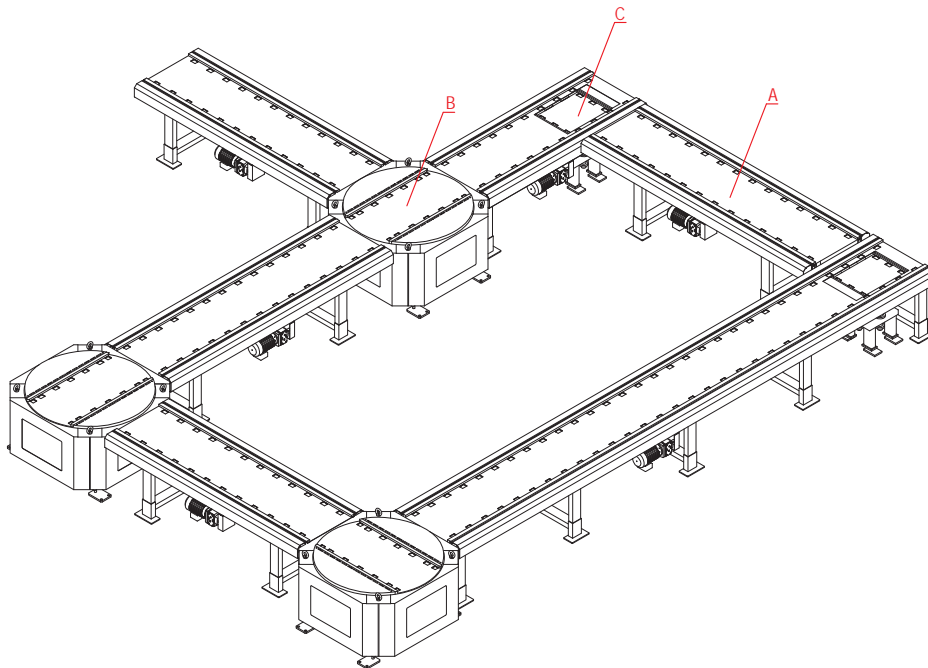
PTS4 Pallet Conveyor
PTS4 托盘输送系列



PTS4 pallet conveyor is suitable for maximum load of 3000 kg per pallet and workpiece and could freely combined with other units to suit for specific production conditions.
PTS4 托盘输送系列适用于满载总重量在 3000 kg 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。

- | | | |
|---|---------------------------------|-------------|
| A | PTS 4 Pallet Conveyor | PTS 4 托盘输送机 |
| B | PLT200 Lift and Transverse Unit | PLT200 顶升横移 |

PTS5 Pallet Conveyor
PTS5 托盘输送系列



PTS5 pallet conveyor is suitable for maximum load of 4500 kg per pallet and workpiece and could freely combined with other units to suit for specific production conditions.
PTS5 托盘输送系列适用于满载总重量在 4500 kg 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。

- | | | |
|---|----------------------------------|--------------|
| A | PTS5 Pallet Conveyor | PTS5 托盘输送机 |
| B | PRO1000 Rotate Unit | PRO1000 转台 |
| C | PLI1000 Lift and Transverse Unit | PLI1000 顶升横移 |

Pallet working principle
 托盘工作原理

The pallet is as the transferring tool to convey the workpiece to each work station. The pallet will be stopped by the Stop when it arrives at the work station. The conveying medium will continuously operate.

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

Pallet application
 托盘应用

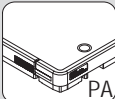
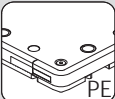
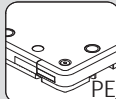
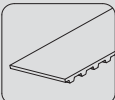
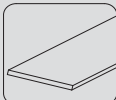
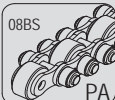

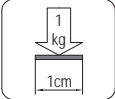
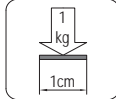
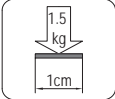
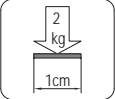
Application: Plastic frame pallet (WP2/S, WP2/E) and aluminum profile frame pallet (WP2/C), with steel or aluminum support plate, are both applicable for small load and medium load.

应用：带有钢质或铝质承载托板的塑料边框托盘 (WP2/S, WP2/E) 和带有钢质或铝质承载托板的铝型材边框托盘 (WP2/C)；均适用于小型、中型负载物。

Pallet Type 托盘种类	Frame Feature 框架特点	Specification 供货规格	Weight 重量	Custom Made 非标订制
WP2/S Pallet WP2/S 托盘	(PA) module 采用塑料 (PA) 模块	Min. 160 mm x 160 mm Max. 800 mm x 800 mm 最小 160 mm x 160 mm 最大 800 mm x 800 mm	20% - 35% lighter than WP2/C for same specification 同种规格比 WP2/C 托盘轻 20% - 35%	Not Available 不可非标订制
WP2/E Pallet WP2/E 托盘	(PA) module 采用塑料 (PA) 模块	Min. 160 mm x 160 mm Max. 800 mm x 800 mm 最小 160 mm x 160 mm 最大 800 mm x 800 mm	25% - 45% lighter than WP2/C for same specification 同种规格比 WP2/C 托盘轻 25% - 45%	Not Available 不可非标订制
WP2/C Pallet WP2/C 托盘	High strength aluminum profile 采用高强度 铝合金型材	Min. 160 mm x 160 mm Max. 640 mm x 640 mm 最小 160 mm x 160 mm 最大 640 mm x 640 mm		Available any dimension within range of 160mm-800mm 可非标订制，能实现 (160mm-800mm)尺寸连续性

Unit loading capacity (f) of conveyor medium refers to the following estimation:

输送介质单位承载能力 (f) 可以使用下列参数估算：

Material of Friction Strip 摩擦条材质	 			
Suitable Pallet 适用托盘	WP2/S pallet, WP2/E pallet, WP2/C pallet WP2/S 托盘, WP2/E 托盘, WP2/C 托盘		WP2/S pallet, WP2/C pallet WP2/S 托盘, WP2/C 托盘	
Conveyor Medium 输送介质	 Toothed belt 齿形带	 Base belt 片基带	 Accumulation roller chain (PA) 积放滚子链 (尼龙)	 Accumulation roller chain (ST) 积放滚子链 (钢质)
Unit Loading Capacity 单位承载能力				

! In order to have customer choosing Modular pallet quickly and exactly, our pallets are supplied in full set or in parts (see Page 10 for details). The customer provides the ordering reference number just according to requirements on pallet models, dimensions, features and mass estimation etc.

为方便客户能够迅速准确地选用 Modular 托盘产品，Modular 将托盘分为标准整套供货和部件供货 (详见 Page 10)。根据托盘的型号、尺寸、特征、质量估算从而确定所需托盘，给出订购编号即可。

Please contact us for non-standard pallet or special requirements.
非标托盘及特殊要求请来电咨询，Modular 竭诚为您服务！



Environment condition - Climate
环境条件-气候

Working temperature
工作温度

- ▶ + 5° C ~ + 40° C
+ 5° C ~ + 40° C
- ▶ The load capacity will be affected if the temperature is more than + 40° C or less than + 5° C
高于 + 40° C 或者低于 + 5° C, 将会影响承载能力
- ▶ More than + 40° C, please contact us
大于 + 40° C, 请来电咨询

Relative humidity
相对湿度

- ▶ 5 - 85%, non-condensing
5 - 85%, 没有冷凝
- ▶ 1 - 2%, according to customers' requirements
1 - 2% (干燥室), 根据客户要求

Storage temperature
存储温度

- ▶ 0° C ~ + 35° C
0° C ~ + 35° C

Environment condition - Chemical environment
环境条件-化学环境

- ▶ Do not locate beside industrial system with chemicals emission
不要用于有化学物质排放的工业系统旁。

Environment condition - Physical environment
环境条件-物理环境

- ▶ Do not locate near the area with much debris, sand-dust. Do not locate within the area which is impacted often, such as punching machine, heavy machinery etc.
不要靠近切屑、沙尘多的地方。不要用于经常受到大的冲击力的场所, 比如冲床、重型机械等。



Pallet 托盘

Pallet application environment and examples 托盘应用环境及案例

- ▶ The high quality material is chosen to ensure the continuous working condition. The pallet is protected from corrosion of the common lubricants or cleaners in industrial area, but not corrosion of testing liquid, gas or solvent. The customer need to inform the working condition on site before pallet selection to avoid unnecessary loss.

Please contact us for any questions.

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

如果您有任何疑问，请来电咨询！

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



Pallet 托盘

Estimation of pallet gross mass 托盘的总质量估算

Allowable pallet and workpiece gross mass m_G is subject to the following aspects:
允许的托盘和工件总质量 m_G 视以下条件而定:

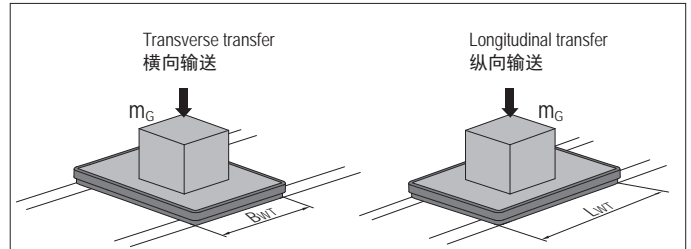
- ▶ Conveying medium: toothed belt, base belt, accumulation roller chain
输送介质: 齿形带、片基带、堆积滚子链
- ▶ Contact length L_{WT} or B_{WT} between pallet and conveying medium
托盘与输送介质的表面接触长度 L_{WT} 或 B_{WT}

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

$$m_G = L_{WT} \times f$$

$$m_G = B_{WT} \times f$$

- ▶ m_G : weight of pallet+weight of workpiece, unit: kg
 m_G : 托盘质量 + 工件质量, 单位: kg
- ▶ L_{WT} : long side of the pallet, unit: cm
 L_{WT} : 托盘长边尺寸, 单位: cm
- ▶ B_{WT} : short side of the pallet, unit: cm
 B_{WT} : 托盘短边尺寸, 单位: cm
- ▶ f : Unit loading capacity of the conveying medium, unit: kg/cm (See Page 06 for conveying medium)
 f : 输送介质单位承载能力, 单位: kg/cm (详见输送介质 Page 06)



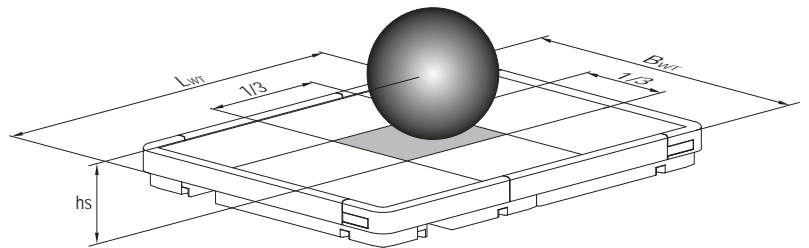
Note注意:

In the same conveying system, if the non-square pallet is transferred, including transverse transfer and longitudinal transfer (different contact length), the max. allowable gross mass is subject to the short side of the pallet, i.e. $m_G = B_{WT} \times f$.
在同一输送系统中, 对于输送非正方形托盘的输送线, 同时有横向和纵向输送 (托盘横向输送与纵向输送的表面接触长度不同), 托盘的短边长度决定了最大允许的总重量, $m_G = B_{WT} \times f$

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

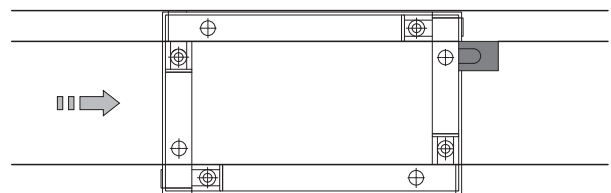
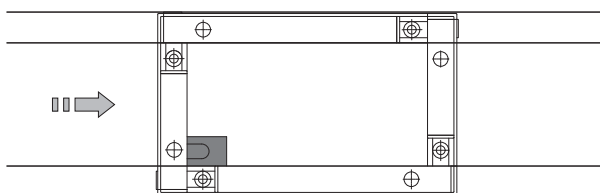
The gravity center of the load on the pallet is crucial for the stability of the pallet when the pallet is stopped or direction changed. The service life of the equipment and pallet will be affected due to high gravity center or offset gravity center. It is suggested:
阻挡托盘或者改变输送方向时, 托盘上负载的重心位置对于托盘的稳定性有决定性作用。负载物重心过高或偏移时影响设备及托盘的使用寿命。所以建议:

- ▶ The load shall be at the center of the pallet
负载物必须放置在托盘的中心
- ▶ Height of load gravity h_s not more than $1/2B_{WT}$ ($B_{WT} < L_{WT}$)
负载物重心高度 h_s 不得超过 $1/2B_{WT}$ ($B_{WT} < L_{WT}$)
- ▶ In order to keep the load at the center of the pallet, it is suggested to choose bigger pallet for big load or uneven load
为了使托盘在中间承重, 建议在使用重型工件或者重量分配不均匀的工件时选择尺寸更大的托盘

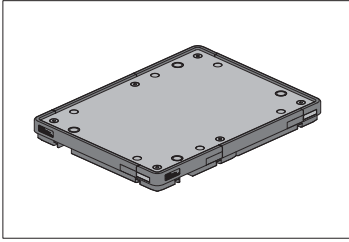


Installation position of pallet stop 托盘挡停器安装位置

When the stop is used with WP2/S, WP2/S or WP2/C, it will be mounted in rear right or front left position in the direction of transport.
在使用 WP2/S、WP2/E 或 WP2/C 托盘时, 挡停器安装在托盘输送方向的左前侧、右后方进行挡停。

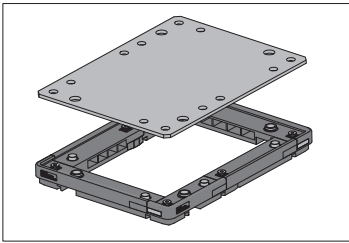


Pallet Selection
选择托盘



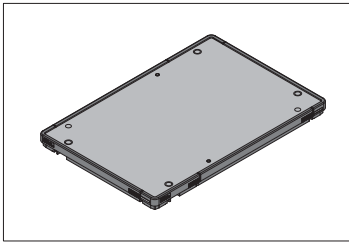
WP2/S Pallet
WP2/S 托盘

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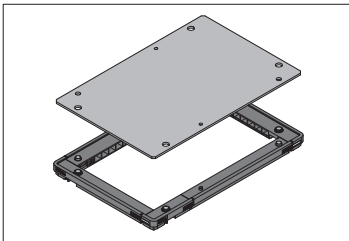
WP2/S Pallet components
WP2/S 托盘所用零部件

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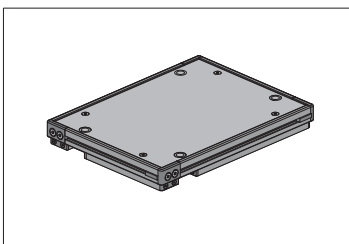
WP2/E Pallet
WP2/E 托盘

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WP2/E Pallet components
WP2/E 托盘所用零件

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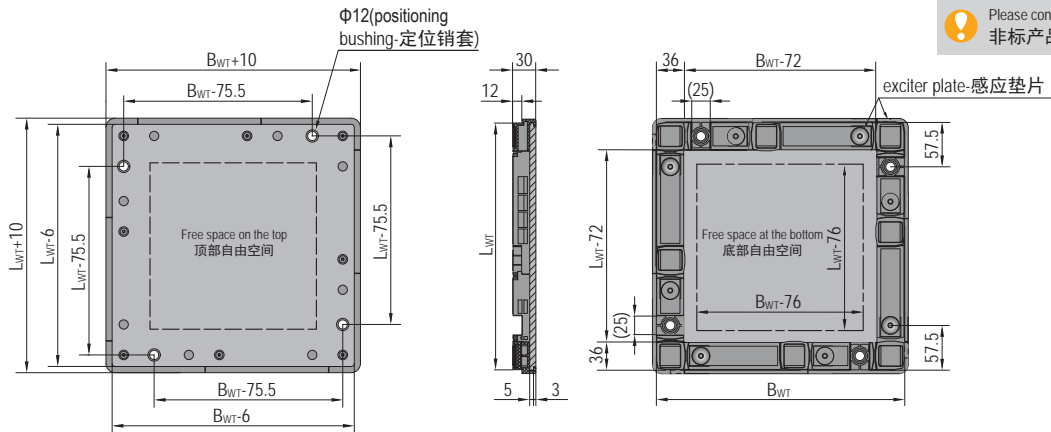


WP2/C Pallet
WP2/C 托盘

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WP2/S Pallet
WP2/S 托盘

 Delivery 交货期 10-15 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



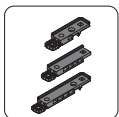
- ▶ Use together with pallet conveyor with toothed belt, base belt and accumulation roller chain etc.
配合齿形带、片基带和堆积滚子链等托盘输送机使用

Features/Benefits 特征

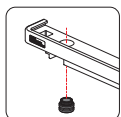
1. Plastic (PA) frame module, with aluminum or steel support plate.
塑料 (PA) 框架模块, 带铝质或钢质承载托板。
2. With positioning bushings for a positioning accuracy of ± 0.1 mm.
使用定位销套对托盘进行定位, 定位精度为 ± 0.1 mm。
3. The standard exciter plate is to match with the proximity switch to detect the position of the pallet.
标准感应垫片用于配合接近开关检测托盘的位置。
4. The support plate is 5 mm, 8 mm, 12 mm thickness aluminum plate or 5 mm steel plate.
承载托板采用 5 mm、8 mm、12 mm 厚的铝板或 5 mm 的钢板。
5. PA frame is ESD type.
塑料 (PA) 框架模块可防静电。
6. Pallets with different dimensions can be assembled as requested.
根据需求可组合成多种尺寸标准托盘。

Supply mode 供货方式

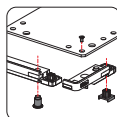
1. Supply in set (Equipped).
整套供货(已装配)。
2. Supply in pcs (Please contact for more information).
零部件供货(请来电咨询)。



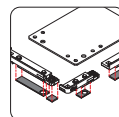
Frame module
框架模块



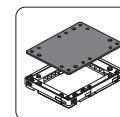
Positioning bushing
定位销套



Connector
连接件



Friction strip
摩擦条



Support plate
承载托板

3. Accessories
配件


Press-fit mandrel (To be ordered separately when the customer assembles the pallet)
压装辅助芯棒 (客户自己组装时需订购压装辅助芯棒)



WP2/S Pallet
 WP2/S 托盘

Ordering reference for supply in set 整套供货订购编号

B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Flatness P 平面度 P (mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Pallet weight 托盘重量 (kg)	Part No. 订购编号	
160	160	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	0.89	50702512	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	0.89	50702514	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	1.52	50702513	
	240	240	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.14	50702515
					Aluminum alloy/铝合金	Nature anodized/本色氧化	1.14	50702517
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	2.10	50702516
		320	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.51	50702563
					Aluminum alloy/铝合金	Nature anodized/本色氧化	1.51	50702565
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	2.80	50702564
240	240	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.48	50702521	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	1.48	50702523	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	2.94	50702522	
	320	5	0.5	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.94	50702566	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	1.94	50702568	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	3.89	50702567	
	400	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	2.28	50702527	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	2.28	50702529	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	4.73	50702528	
		8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.03	50702530	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	2.74	50702569	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	2.74	50702571	
	480	5	0.6	Carbon steel/碳钢	Black electrophoresis/黑色电泳	5.68	50702570	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.64	50702572	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	2.48	50702573	
320	320	5	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	2.48	50702575	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	5.09	50702574	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.29	50702576	
	400	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	2.91	50702577	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	2.91	50702579	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	6.18	50702578	
		8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.92	50702580	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	3.45	50702581	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.45	50702583	
	480	5	0.6	Carbon steel/碳钢	Black electrophoresis/黑色电泳	7.38	50702582	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	4.61	50702584	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	6.27	50702585	
		560	5	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	3.87	50702320
					Aluminum alloy/铝合金	Nature anodized/本色氧化	3.87	50702322
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	8.47	50702321
			8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.24	50702323
					Aluminum alloy/铝合金	Nature anodized/本色氧化	7.18	50702324
					Aluminum alloy/铝合金	Black anodized/黑色氧化	4.29	50702596
	640	5	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.29	50702598	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	9.51	50702597	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.87	50702599	
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.05	50702604	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	3.42	50702548	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.42	50702550	
	400	400	5	0.6	Carbon steel/碳钢	Black electrophoresis/黑色电泳	7.52	50702549
					Aluminum alloy/铝合金	Nature anodized/本色氧化	4.66	50702551
			8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.66	50702551
Aluminum alloy/铝合金					Nature anodized/本色氧化	6.33	50702552	


 No machining drawing is to be provided.
 不提供加工图纸


WP2/S Pallet
 WP2/S 托盘

Ordering reference for supply in set 整套供货订购编号

B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Flatness P 平面度 P (mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Pallet weight 托盘重量 (kg)	Part No. 订购编号
400	480	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	4.05	50702586
				Aluminum alloy/铝合金	Nature anodized/本色氧化	4.05	50702588
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	8.97	50702587
		8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.59	50702589
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.55	50702590
				Aluminum alloy/铝合金	Black anodized/黑色氧化	4.47	50702325
	560	5	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.47	50702327
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	10.06	50702326
				Aluminum alloy/铝合金	Nature anodized/本色氧化	6.22	50702328
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.46	50702329
				Aluminum alloy/铝合金	Black anodized/黑色氧化	5.29	50702605
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.29	50702607
	640	5	0.8	Carbon steel/碳钢	Black electrophoresis/黑色电泳	11.82	50702606
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.27	50702608
				Aluminum alloy/铝合金	Nature anodized/本色氧化	10.01	50702609
		8	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.4	50702345
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.4	50702346
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	12.32	50702347
	720	5	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.57	50702348
				Aluminum alloy/铝合金	Nature anodized/本色氧化	10.37	50702349
				Aluminum alloy/铝合金	Black anodized/黑色氧化	6.22	50702350
		8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.22	50702351
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	14.08	50702352
				Aluminum alloy/铝合金	Nature anodized/本色氧化	8.62	50702353
800	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.92	50702354	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	4.76	50702591	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	4.76	50702593	
	8	0.8	Carbon steel/碳钢	Black electrophoresis/黑色电泳	10.67	50702592	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	6.59	50702594	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	9.01	50702595	
480	480	5	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.18	50702330
				Aluminum alloy/铝合金	Black anodized/黑色氧化	5.18	50702332
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	11.76	50702331
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.22	50702333
				Aluminum alloy/铝合金	Nature anodized/本色氧化	9.92	50702334
				Aluminum alloy/铝合金	Black anodized/黑色氧化	6.07	50702610
	560	5	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.07	50702612
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	13.89	50702611
				Aluminum alloy/铝合金	Nature anodized/本色氧化	8.44	50702613
		8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.72	50702614
				Aluminum alloy/铝合金	Black anodized/黑色氧化	6.11	50702355
				Aluminum alloy/铝合金	Nature anodized/本色氧化	6.11	50702356
	640	5	1.0	Carbon steel/碳钢	Black electrophoresis/黑色电泳	14.02	50702357
				Aluminum alloy/铝合金	Nature anodized/本色氧化	8.57	50702358
				Aluminum alloy/铝合金	Nature anodized/本色氧化	11.83	50702359
		8	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	7.00	50702360
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.00	50702361
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	16.15	50702362
	720	5	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	9.79	50702363
				Aluminum alloy/铝合金	Nature anodized/本色氧化	13.63	50702364
				Aluminum alloy/铝合金	Black anodized/黑色氧化	4.76	50702591
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.76	50702593
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	10.67	50702592
				Aluminum alloy/铝合金	Nature anodized/本色氧化	6.59	50702594
800	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	9.01	50702595	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	5.18	50702330	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	5.18	50702332	
	8	0.8	Carbon steel/碳钢	Black electrophoresis/黑色电泳	11.76	50702331	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	7.22	50702333	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	9.92	50702334	
800	5	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	6.07	50702610	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	6.07	50702612	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	13.89	50702611	
	8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.44	50702613	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	11.72	50702614	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	6.11	50702355	
800	5	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.11	50702356	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	14.02	50702357	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	8.57	50702358	
	8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.83	50702359	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	7.00	50702360	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	7.00	50702361	
800	5	1.2	Carbon steel/碳钢	Black electrophoresis/黑色电泳	16.15	50702362	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	9.79	50702363	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	13.63	50702364	

! No machining drawing is to be provided.
 ! 不提供加工图纸



WP2/S Pallet
 WP2/S 托盘

Ordering reference for supply in set 整套供货订购编号

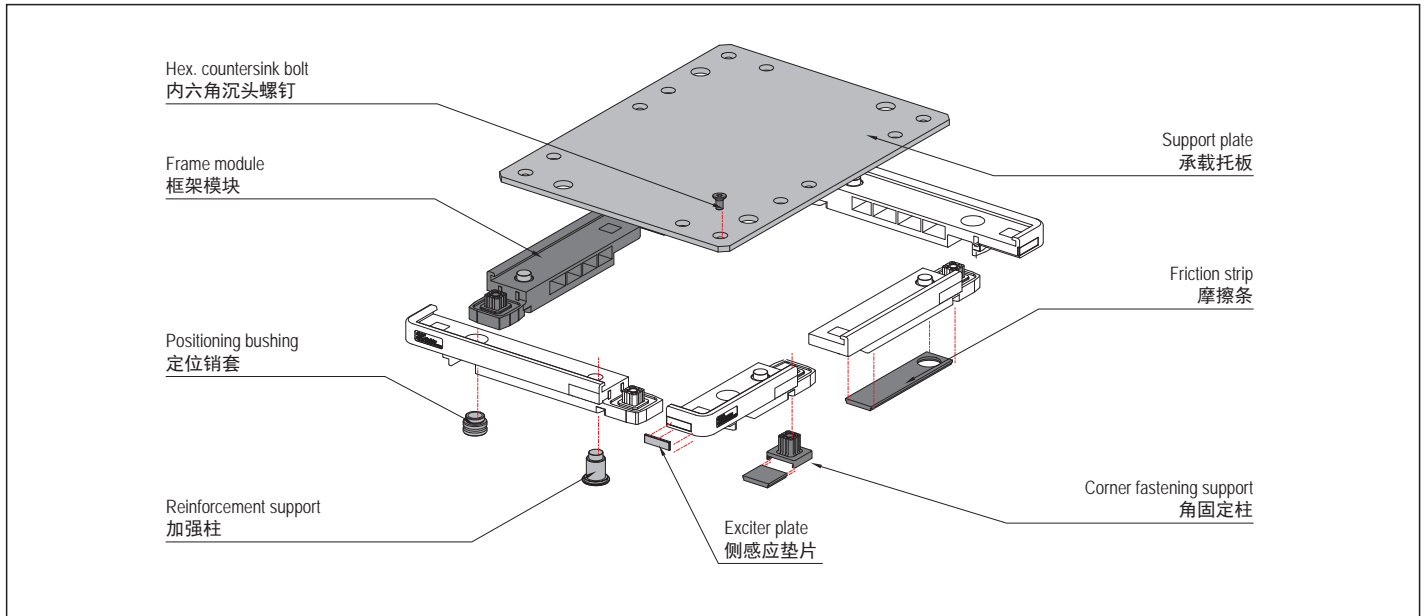
B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Flatness P 平面度 P (mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Pallet weight 托盘重量 (kg)	Part No. 订购编号
560	560	5	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.92	50702335
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.92	50702337
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	13.84	50702336
		8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.4	50702338
				Aluminum alloy/铝合金	Nature anodized/本色氧化	11.62	50702339
				Aluminum alloy/铝合金	Black anodized/黑色氧化	6.62	50702340
	640	5	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.62	50702342
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	15.71	50702341
				Aluminum alloy/铝合金	Nature anodized/本色氧化	9.46	50702343
		8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	13.17	50702344
				Aluminum alloy/铝合金	Black anodized/黑色氧化	7.37	50702365
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.37	50702366
	720	5	1.0	Carbon steel/碳钢	Black electrophoresis/黑色电泳	17.62	50702367
				Aluminum alloy/铝合金	Nature anodized/本色氧化	10.58	50702368
				Aluminum alloy/铝合金	Nature anodized/本色氧化	14.78	50702369
		8	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	8.07	50702370
				Aluminum alloy/铝合金	Nature anodized/本色氧化	8.07	50702371
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	19.49	50702372
800	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.64	50702373	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	16.33	50702374	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	18.21	50702616	
	640	5	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	7.75	50702615
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.75	50702617
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	18.21	50702616
8		1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	10.94	50702618	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	15.32	50702619	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	8.24	50702375	
720	5	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.24	50702376	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	20	50702377	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	11.92	50702378	
	8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	16.74	50702379	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	9.37	50702380	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	9.37	50702381	
800	5	1.2	Carbon steel/碳钢	Black electrophoresis/黑色电泳	22.5	50702382	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	13.4	50702383	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	18.89	50702384	
	720	5	1.2	Aluminum alloy/铝合金	Black anodized/黑色氧化	9.17	50702385
				Aluminum alloy/铝合金	Nature anodized/本色氧化	9.17	50702386
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	22.41	50702387
8		1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	13.31	50702388	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	18.76	50702389	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	9.87	50702390	
800	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	9.87	50702391	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	24.28	50702392	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	14.37	50702393	
	8	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	20.31	50702394	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	11.34	50702395	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	11.34	50702396	
800	800	5	1.2	Carbon steel/碳钢	Black electrophoresis/黑色电泳	27.8	50702397
				Aluminum alloy/铝合金	Nature anodized/本色氧化	16.41	50702398
		8	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	23.29	50702399
				Aluminum alloy/铝合金	Nature anodized/本色氧化	23.29	50702399


 No machining drawing is to be provided.
 不提供加工图纸


WP2/S Pallet
WP2/S 托盘

WP2/S Pallet components WP2/S 托盘部件供货

Except for frame module, we also supply support plates and other components according to actual situations.
根据实际情况，除了整套供货外，我们也提供各种承载板及其它附属件。



Exciter plate
侧感应垫片

- ▶ Used with corner part 160, 240 or 320
与角件 160、角件 240、角件 320 组合
- ▶ The sensor detects the location of the pallet through Exciter plate
可通过传感器检测侧感应垫片来检测托盘位置

Friction strip
摩擦条

- ▶ Used with corner part 160, 240 or 320, linear part 160 or corner fastening support
分别与角件 160、角件 240、角件 320、直线件 160、角固定柱组合

Hex. countersink bolt
内六角沉头螺钉

- ▶ To fix the support plate and frame modules
实现承载托板与框架模块的连接紧固

Support plate
承载托板

- ▶ To connect the frame module parts together
实现框架模块之间的连接，与框架模块组合
- ▶ Easy installation of custom made workpiece on the pallet
可以很方便地将定制的工件夹具集成在上面

Frame module
框架模块

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

Reinforcement support
加强柱

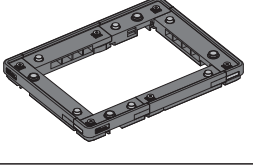
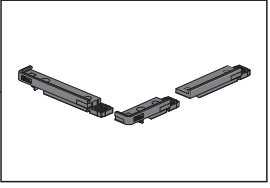
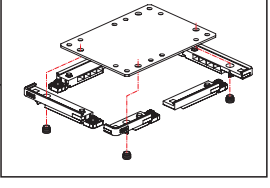
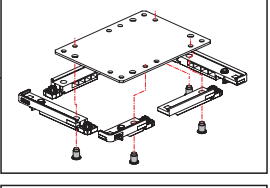
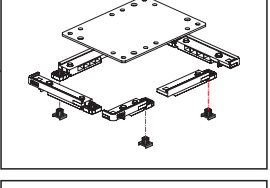
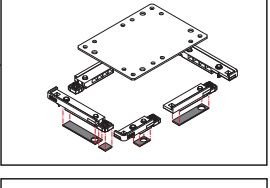
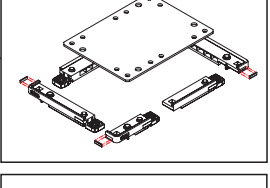
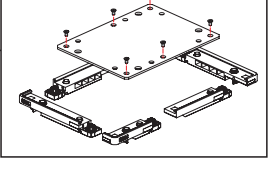
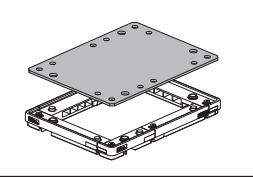
- ▶ For pallet detect, to absorb the stop force from the stop
用于托盘检测，吸收挡停器上的挡停力，与框架模块组合

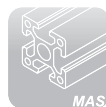
Positioning bushing
定位销套

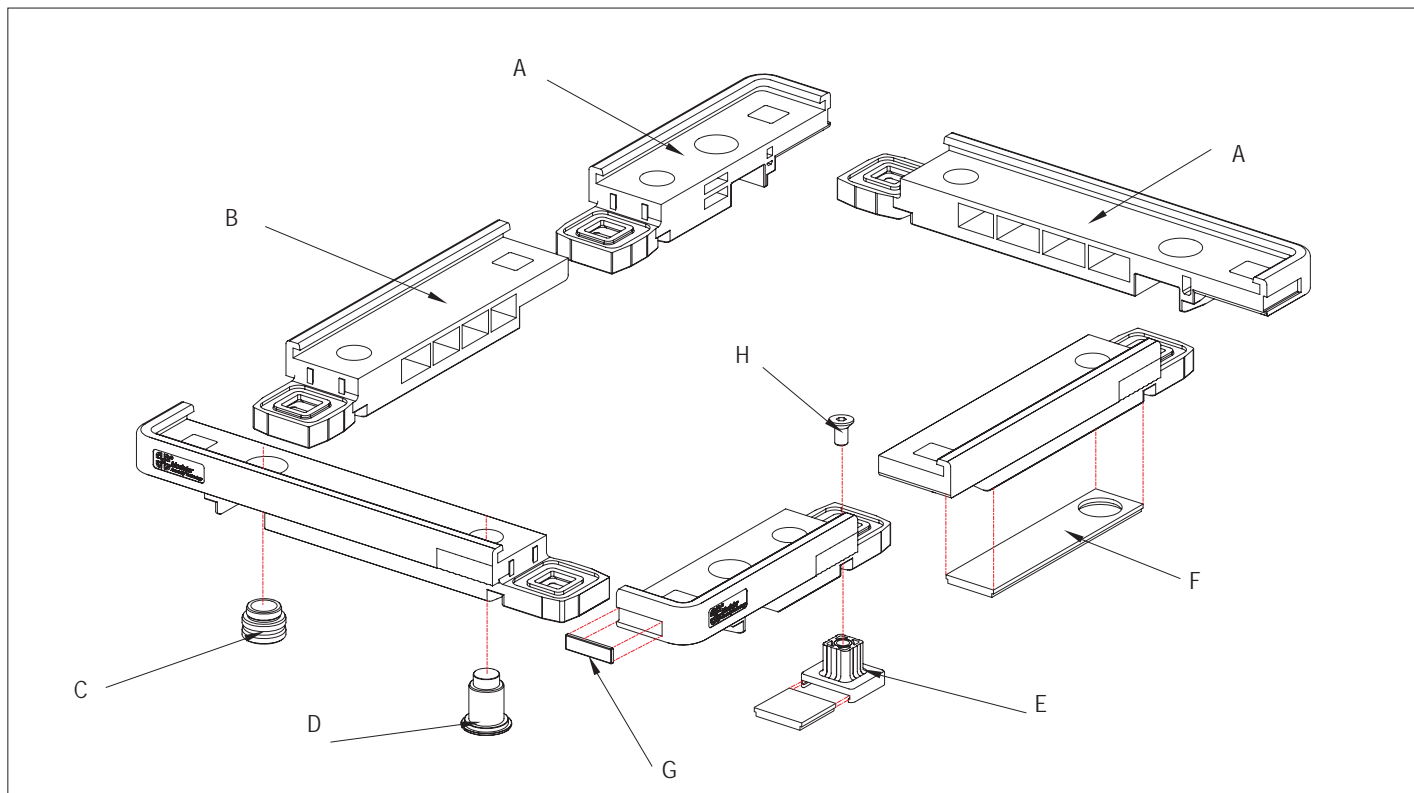
- ▶ To have the positioning unit locate the pallet in exact position
使定位单元能在指定位置准确定位托盘


Corner fastening support
角固定柱

- ▶ To connect the frame module parts
实现框架模块之间的连接，与框架模块组合

	Pallet frame 托盘框架	Page 17
	Frame module 框架模块	Page 20
	Positioning bushing 定位销套	Page 21
	Reinforcement support 加强柱	Page 22
	Corner fastening support 角固定柱	Page 22
	Friction strip 摩擦条	Page 23
	Exciter plate 侧感应垫片	Page 24
	Hex. countersink bolt 内六角沉头螺钉	Page 24
	Support plate 承载托板	Page 25



WP2/S Pallet Frame
 WP2/S 托盘框架


-  Positioning bushing T5, Reinforcement support T5, M6x12 bolt for 5 mm thickness support plate.
 定位销套 (T5)、加强柱 (T5)、M6x12 用于 5 mm 厚承载托板
 Positioning bushing T8, Reinforcement support T8, M6x16 bolt for 8 mm thickness support plate.
 定位销套 (T8)、加强柱 (T8)、M6x16 用于 8 mm 厚承载托板
 Positioning bushing T12, Reinforcement support T12, M6x20 bolt for 12 mm thickness support plate.
 定位销套 (T12)、加强柱 (T12)、M6x20 用于 12 mm 厚承载托板

No. 序号	Description 名称	Part No. 编号
A	Corner part 160/角件160	50702105
	Corner part 240/角件240	50702201
	Corner part 320/角件320	50702203
B	Linear part 160/直线件160	50702301
C	Positioning bushing (T5)/定位销套(T5)	50702101
	Positioning bushing (T8)/定位销套(T8)	50702108
	Positioning bushing (T12)/定位销套(T12)	50702110
D	Reinforcement support (T5)/加强柱(T5)	50702103
	Reinforcement support (T8)/加强柱(T8)	50702109
	Reinforcement support(T12)/加强柱(T12)	50702111
E	Corner fastening support/角固定柱	50702102
F	Friction strip for corner part 160/角件160摩擦条	50702106
	Friction strip for corner part 240/角件240摩擦条	50702202
	Friction strip for corner part 320/角件320摩擦条	50702204
	Friction strip for linear part 160/直线件160摩擦条	50702302
	Friction strip for corner fastening support/角固定柱摩擦条	50702107
G	Exciter plate/侧感应垫片	50703107
H	Hex. countersink bolt (T5)/内六角沉头螺栓(T5)	M6x12
	Hex. countersink bolt(T8)/内六角沉头螺栓(T8)	M6x16
	Hex. countersink bolt T12/内六角沉头螺栓(T12)	M6x20

WP2/S Pallet Frame
 WP2/S 托盘框架

Ordering reference 订购说明

B _{WT} (mm)	L _{WT} (mm)	T (mm)	A			B			C			D			E			F			G			M6x12 (T5)	M6x16 (T8)	M6x20 (T12)	Weight 重量 (kg)	Part No. 订购编号
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					
160	160	5	4			4			4			4	4			4	4			4	4				0.72	50702411		
	240	5	2	2		4			4			4	2	2			4	4			4	4			0.78	50702412		
	320	5	2		2	4			4			4	2		2		4	4			4	4			0.86	50702451		
240	240	5	4			4			4			4			4	4			4	4				0.84	50702414			
	320	5	2	2		4			4			4	2	2			4	4			4	4			0.92	50702452		
	400	5	4		2	4			6			6	4			2	6	4			6				1.16	50702416		
		8	4		2	4	4			6	6		6	4		2	6	4			6		6		1.16	50702424		
	480	5	2	2	2	4			6			6	2	2	2	6	4			6		6			1.24	50702453		
		8	2	2	2	4	4			6	6		6	2	2	2	6	4			6		6		1.24	50702459		
320	320	5	4			4			4			4			4	4			4	4				1.00	50702454			
		8	4			4			4			4			4	4			4	4			4	1.00	50702460			
	400	5	2	2	2	4			6			6	2	2	2	6	4			6				1.24	50702455			
		8	2	2	2	4	4			6	6		6	2	2	2	6	4			6			1.24	50702461			
	480	5	4	2	4			6			6			4	2	6	4			6				1.32	50702456			
		8	4	2	4	4			6	6		6	4	2	6	4				6				1.32	50702462			
	560	5	4	2	4	4			8			8	2	2	4	8	4			8					1.38	50702465		
			8	4	2	4	4			8	8		8	2	2	4	8	4			8				1.50	50702305		
		8	2	2	4			8			8	8		8	2	2	4	8	4			8			1.52	50702306		
			12	2	2	4	4			8	8		8	2	2	4	8	4			8				1.57	50702307		
		12	4	4	4			8			8	8		8	4	4	8	4			8				1.56	50702468		
			8	4	4	4			8			8	8		8	4	4	8	4			8				1.56	50702469	
400	400	5	4	4	4			8			8	4	4	8	4				8					1.64	50702470			
		8	4	4	4			8			8	8		8	4	4	8	4			8			1.48	50702421			
		12	4	4	4	4			8	8		8	4	4	8	4				8			8	1.48	50702429			
	480	5	4	4	4			8			8	8		8	4	4	8	4			8			1.56	50702433			
		8	2	2	4	4			8			8	2	2	4	8	4			8				1.56	50702457			
		12	2	2	4	4			8	8		8	2	2	4	8	4			8				1.56	50702463			
	560	5	4	6	4			10			10	4	6	10	4				10					1.64	50702466			
			8	4	6	4			10	10		10	4	6	10	4				10				1.74	50702308			
		8	4	6	4			10	10		10	4	6	10	4				10					1.76	50702309			
			12	4	6	4			10	10		10	4	6	10	4				10				1.81	50702310			
		12	2	2	6	4			10	10		10	2	2	6	10	4			10				1.88	50702471			
			8	2	2	6	4			10	10		10	2	2	6	10	4			10				1.88	50702472		
	720	5	2	2	6	4			10	10		10	2	2	6	10	4			10				1.98	50702473			
			8	4	8	4			12	12		12	4	8	12	4				12				2.00	50702436			
		8	4	8	4			12	12		12	4	8	12	4				12					2.02	50702437			
			12	4	8	4			12	12		12	4	8	12	4				12				2.07	50702438			
		12	2	2	8	4			12	12		12	2	2	8	12	4			12				2.14	50702439			
			8	2	2	8	4			12	12		12	2	2	8	12	4			12				2.16	50702440		
800	5	2	2	8	4			12	12		12	2	2	8	12	4			12				2.21	50702441				
		8	2	2	8	4			12	12		12	2	2	8	12	4			12			2.21	50702441				
	8	4	4	4			8			8	8		8	4	4	8	4			8			1.64	50702458				
		12	4	4	4			8	8		8	8		8	4	4	8	4			8			1.64	50702464			
	12	4	4	4			8			8	8		8	4	4	8	4			8				1.72	50702467			
		8	4	4	4			8	8		8	8		8	4	4	8	4			8			1.72	50702467			

! T is thickness of support plate. T=5 is for 5mm carbon steel plate or aluminum plate, T=8 is for 8mm aluminum plate, T=12 is for 12mm aluminum plate.
 T为承载托板厚度: T=5表示5mm碳钢板或铝板; T=8表示8mm 铝板; T=12表示12mm铝板。



WP2/S Pallet Frame
 WP2/S 托盘框架

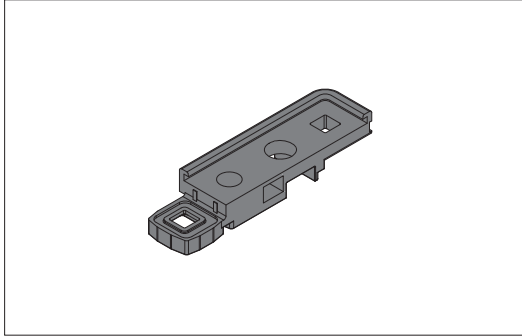
Ordering reference 订购说明

B _{WT} (mm)	L _{WT} (mm)	T (mm)	A			B			C			D			E			F			G	M6x12 (T5)	M6x16 (T8)	M6x20 (T12)	Weight 重量 (kg)	Part No. 订购编号
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5						
480	560	5	2	2	6	4				10			10		2	2	6	10	4	10			1.76	50702311		
		8	2	2	6		4			10			10		2	2	6	10	4	10			1.78	50702312		
		12	2	2	6			4			10		10		2	2	6	10	4	10		10	1.83	50702313		
	640	5		4	6	4				10			10		4	6	10	4	10				1.96	50702474		
		8		4	6		4			10			10		4	6	10	4	10		10		1.96	50702475		
		12		4	6			4			10		10		4	6	10	4	10		10		2.06	50702476		
	720	5	2	2	8	4				12			12		2	2	8	12	4	12			2.03	50702442		
		8	2	2	8		4			12			12		2	2	8	12	4	12		12	2.04	50702443		
		12	2	2	8			4			12		12		2	2	8	12	4	12		12	2.09	50702444		
	800	8		4	8	4				12			12		4	8	12	4	12		12		2.22	50702445		
		5		4	8		4			12			12		4	8	12	4	12		12		2.24	50702446		
		8		4	8			4			12		12		4	8	12	4	12		12		2.29	50702447		
560	560	5	4		8	4			12			12		4	8	12	4	12		12		2.00	50702314			
		8	4		8		4			12			12		4	8	12	4	12		12		2.02	50702315		
		12	4		8			4			12		12		4	8	12	4	12		12		2.07	50702316		
	640	5	2	2	8	4				12			12		2	2	8	12	4	12			2.14	50702317		
		8	2	2	8		4			12			12		2	2	8	12	4	12		12	2.16	50702318		
		12	2	2	8			4			12		12		2	2	8	12	4	12		12	2.21	50702319		
	720	5	4		10	4				14			14		4	10	14	4	14				2.26	50702448		
		8	4		10		4			14			14		4	10	14	4	14		14		2.28	50702449		
		12	4		10			4			14		14		4	10	14	4	14		14		2.33	50702450		
	800	5	2	2	10	4				14			14		2	2	10	14	4	14			2.40	50702480		
		8	2	2	10		4			14			14		2	2	10	14	4	14		14	2.42	50702481		
		12	2	2	10			4			14		14		2	2	10	14	4	14		14	2.47	50702482		
640	640	5		4	8	4			12			12		4	8	12	4	12		12		2.28	50702477			
		8		4	8		4			12			12		4	8	12	4	12		12		2.28	50702478		
		12		4	8			4			12		12		4	8	12	4	12		12		2.40	50702479		
	720	5	2	2	10	4				14			14		2	2	10	14	4	14			2.40	50702483		
		8	2	2	10		4			14			14		2	2	10	14	4	14		14	2.42	50702484		
		12	2	2	10			4			14		14		2	2	10	14	4	14		14	2.47	50702485		
	800	5		4	10	4				14			14		4	10	14	4	14		14		2.54	50702486		
		8		4	10		4			14			14		4	10	14	4	14		14		2.56	50702487		
		12		4	10			4			14		14		4	10	14	4	14		14		2.61	50702488		
	720	720	5	4		12	4			16			16		4	12	16	4	16				2.53	50702489		
			8	4		12		4			16			16		4	12	16	4	16		16		2.54	50702490	
			12	4		12			4			16		16		4	12	16	4	16		16		2.60	50702491	
800		5	2	2	12	4				16			16		2	2	12	16	4	16			2.67	50702492		
		8	2	2	12		4			16			16		2	2	12	16	4	16		16	2.68	50702493		
		12	2	2	12			4			16		16		2	2	12	16	4	16		16	2.73	50702494		
800	800	5		4	12	4			16			16		4	12	16	4	16				2.80	50702495			
		8		4	12		4			16			16		4	12	16	4	16		16		2.82	50702496		
		12		4	12			4			16		16		4	12	16	4	16		16		2.87	50702497		

⚠ T is thickness of support plate. T=5 is for 5mm carbon steel plate or aluminum plate, T=8 is for 8mm aluminum plate, T=12 is for 12mm aluminum plate.
 T为承载托板厚度: T=5表示5mm碳钢板或铝板; T=8表示8mm 铝板; T=12表示12mm铝板。



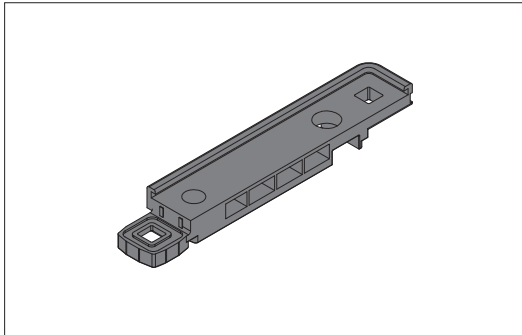
Frame Module
 框架模块

 Corner part 160
 角件160


- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件、直线件组合

Ordering reference 订购说明

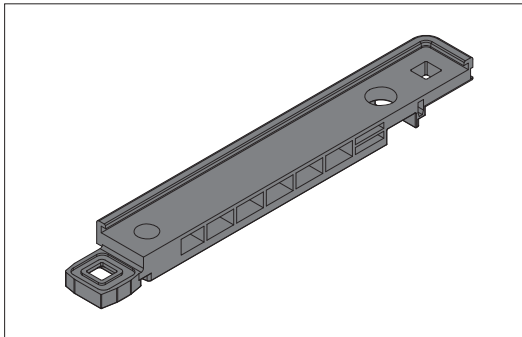
Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Corner part 160 角件160	1	0.07	50702105

 Corner part 240
 角件240


- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件、直线件组合

Ordering reference 订购说明

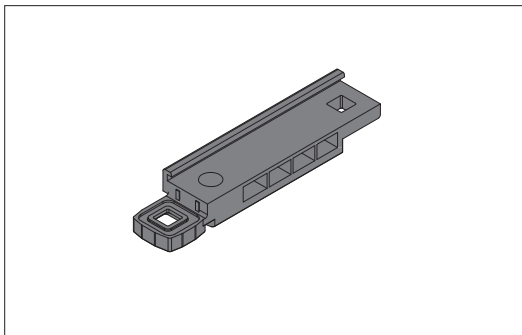
Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Corner part 240 角件240	1	0.10	50702201

 Corner part 320
 角件320


- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件、直线件组合

Ordering reference 订购说明

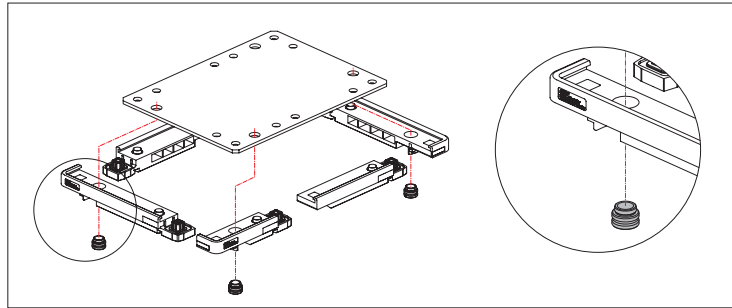
Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Corner part 320 角件 320	1	0.14	50702203

 Linear part 160
 直线件160


- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件组合

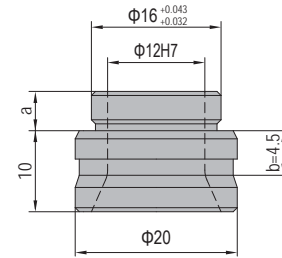
Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Linear part160 直线件160	1	0.08	50702301

**Positioning Bushing
定位销套**


- ▶ Material: Steel, hardened
材料: 钢, 淬火
- ▶ Combined with frame modules of WP2/S pallet
与 WP2/S 托盘的框架模块组合
- ▶ Accurate positioning
准确定位
- ▶ Fix frame module and support plate
固定模块框架和承载托板

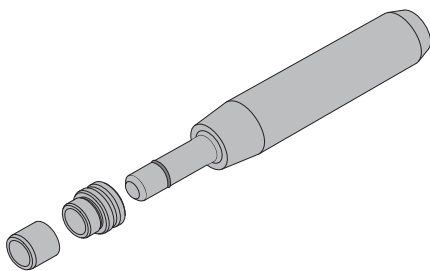
- ▶ Accessories
配件
Press-fit mandrel
(To be ordered separately)
压装辅助芯棒(单独订购)

**Dimension
尺寸**


- ! 1. The dimension $\Phi 12H7$ refers to the state before press-fitting. After press-fitting with the mandrel, the dimension $\Phi 12H7$ is guaranteed to be in the "b" range.
尺寸 $\Phi 12H7$ 指的是压装前的状态。采用芯棒辅助压装后, 在 "b" 区域内能保证 $\Phi 12H7$ 的公差尺寸。
2. Suggested bushing hole dia: 5 mm Carbon steel plate $\Phi 16^{+0.012}_{-0.01}$
5 / 8 / 12 mm Aluminum alloy plate $\Phi 16^{-0.02}_{-0.04}$
承载托板配合孔直径建议: 5 mm 碳钢板 $\Phi 16^{+0.012}_{-0.01}$
5 / 8 / 12 mm 合金铝板 $\Phi 16^{-0.02}_{-0.04}$

Ordering reference 订购说明

Product name 产品名称	Dimension for a a 的尺寸 (mm)	Upper dimension for a a 的上公差 (mm)	Lower dimension for a a 的下公差 (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Delivery unit 供货单位	Weight 重量 (kg)	Part No. 订购编号
Positioning bushing (T5) 定位销套 (T5)	4.8	0	-0.15	5	1	0.016	50702101
Positioning bushing (T8) 定位销套 (T8)	7.8	0	-0.15	8	1	0.018	50702108
Positioning bushing (T12) 定位销套 (T12)	11.8	0	-0.15	12	1	0.021	50702110

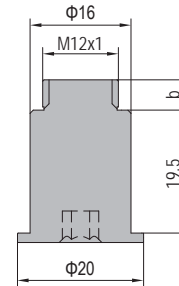
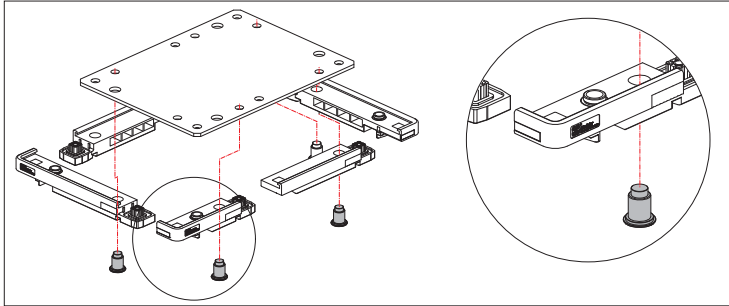
**Press-fit Mandrel
压装辅助芯棒**


- ▶ Material: steel, hardened
材料: 钢, 淬火
- ▶ Can be combined with positioning bushing of the WP2/S pallet
与 WP2/S 托盘的定位销套组合

- ▶ The press-fit mandrel is used when mounting the pallet for pressing the positioning bushings into the support plate.
压装辅助芯棒用于在安装托盘时将定位销套压入承载托板中

Ordering reference 订购说明

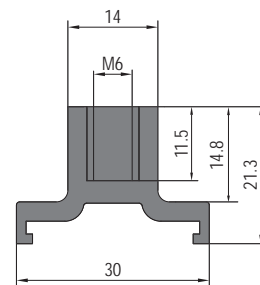
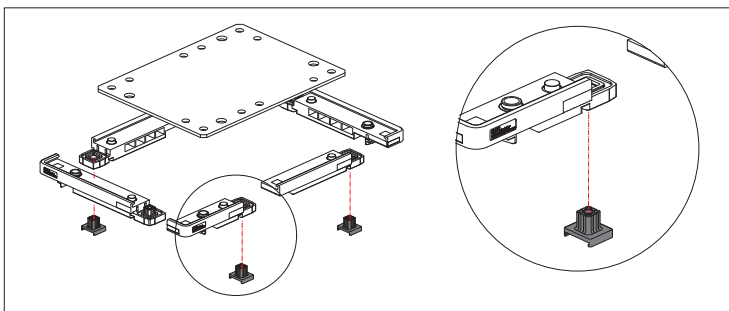
Product name 产品名称	Delivery unit 供货单位	Part No. 订购编号
Press-fit mandrel 压装辅助芯棒	1	50702600

Reinforcement Support
加强柱
Dimension
尺寸


- ▶ Material: steel, zinc plate
材料: 钢, 镀锌
- ▶ Combined with frame modules of WP2/S pallet
与 WP2/S 托盘的框架模块组合
- ▶ For pallet detection
用于托盘检测
- ▶ For absorbing the stop forces on the stop
用于吸收挡停器上的挡停力

Ordering reference 订购说明

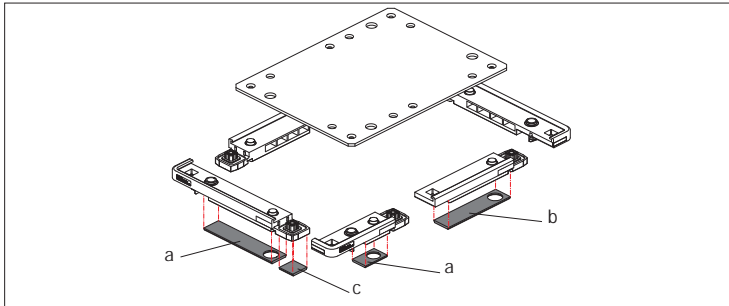
Product name 产品名称	Dimension for b b 的尺寸 (mm)	Upper dimension for b b 的上公差 (mm)	Lower dimension for b b 的下公差 (mm)	Thickness for support plate T 承载托板厚度 T (mm)	Allowable max. torque 承受最大扭矩 (N.M)	Delivery unit 供货单位	Weight 重量 (kg)	Part No. 订购编号
Reinforcement support T5 加强柱 (T5)	4.8	0	-0.15	5	14	1	0.04	50702103
Reinforcement support T8 加强柱 (T8)	7.8	0	-0.15	8	14	1	0.041	50702109
Reinforcement support T12 加强柱 (T12)	11.8	0	-0.15	12	14	1	0.045	50702111

Corner Fastening Support
角固定柱
Dimension
尺寸


- ▶ Material: PA
材料: PA
- ▶ Combined with frame modules of WP2/S pallet
与 WP2/S 托盘的框架模块组合
- ▶ Connection between frame modules
实现框架模块之间的连接

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量 (kg)	Part No. 订购编号
Corner fastening support 角固定柱	1	0.005	50702102

Friction Strip
摩擦条


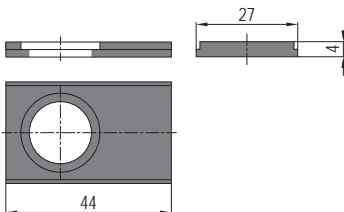
- a: Friction strip for corner part 160, 240, 320
- a:角件160、角件240、角件320摩擦条
- b: Friction strip for linear part 160
- b:直线件160摩擦条
- c: Friction strip for corner fastening support
- c:角固定柱摩擦条

Ordering reference 订购说明

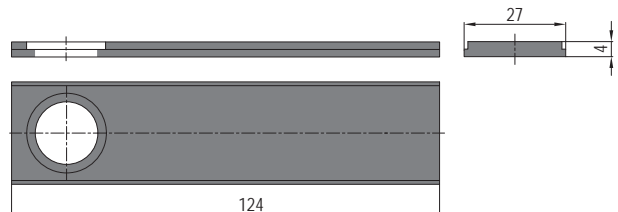
Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Friction strip for corner part 160/角件160摩擦条	1	0.003	50702106
Friction strip for corner part 240/角件240摩擦条	1	0.011	50702202
Friction strip for corner part 320/角件320摩擦条	1	0.019	50702204
Friction strip for linear part 160/直线件160摩擦条	1	0.010	50702302
Friction strip for corner fastening support/角固定柱摩擦条	1	0.003	50702107

Friction strip for corner part 160
角件160摩擦条

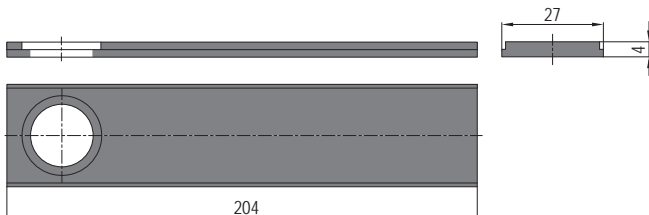
- ▶ Material: PE, black
材料: PE, 黑色
- ▶ Combined with corner part 160 for WP2/S pallet
与 WP2/S 托盘的角件 160 组合


Friction strip for corner part 240
角件240摩擦条

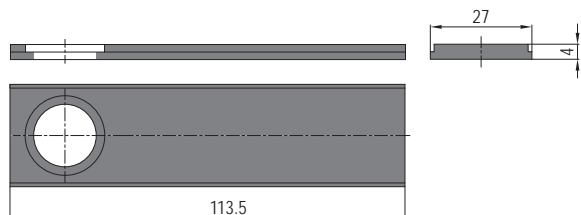
- ▶ Material: PE, black
材料: PE, 黑色
- ▶ Combined with corner part 240 for WP2/S pallet
与 WP2/S 托盘的角件 240 组合


Friction strip for corner part 320
角件320摩擦条

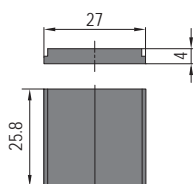
- ▶ Material: PE, black
材料: PE, 黑色
- ▶ Combined with corner part 320 for WP2/S pallet
与 WP2/S 托盘的角件 320 组合

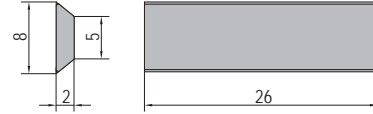
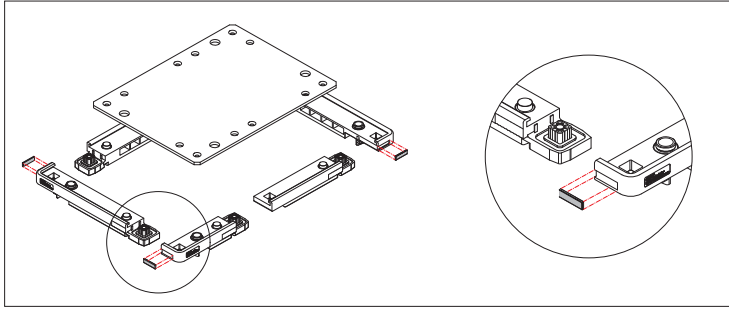

Friction strip for linear part 160
直线件160摩擦条

- ▶ Material: PE, black
材料: PE, 黑色
- ▶ Combined with linear part 160 for WP2/S pallet
与 WP2/S 托盘的直线件 160 组合


Friction strip for corner fastening support
角固定柱摩擦条

- ▶ Material: PE, black
材料: PE, 黑色
- ▶ Combined with corner fastening support
与角固定柱组合

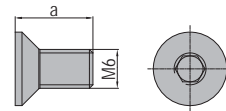
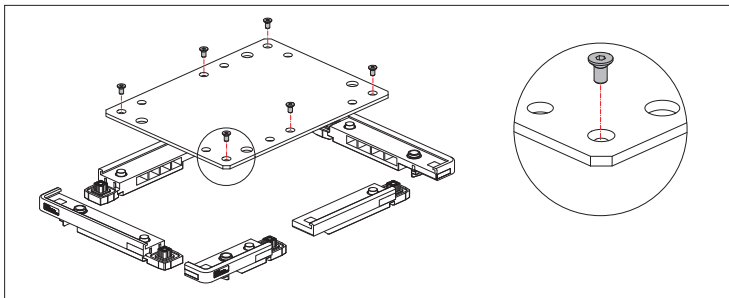


Exciter Plate
侧感应垫片
Dimension
尺寸


- ▶ Material: steel, zinc plate
材料: 钢, 表面镀锌
- ▶ Combined with corner part 160, 240, 320 for WP2/S pallet
与WP2/S托盘的角件160、角件240、角件320组合
- ▶ The sensor detects the location of the pallet through exciter plate
可通过传感器检测侧感应垫片来检测托盘位置

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Exciter plate 侧感应垫片	1	0.003	50703107

Hex. Countersink Bolt
内六角沉头螺钉
Dimension
尺寸


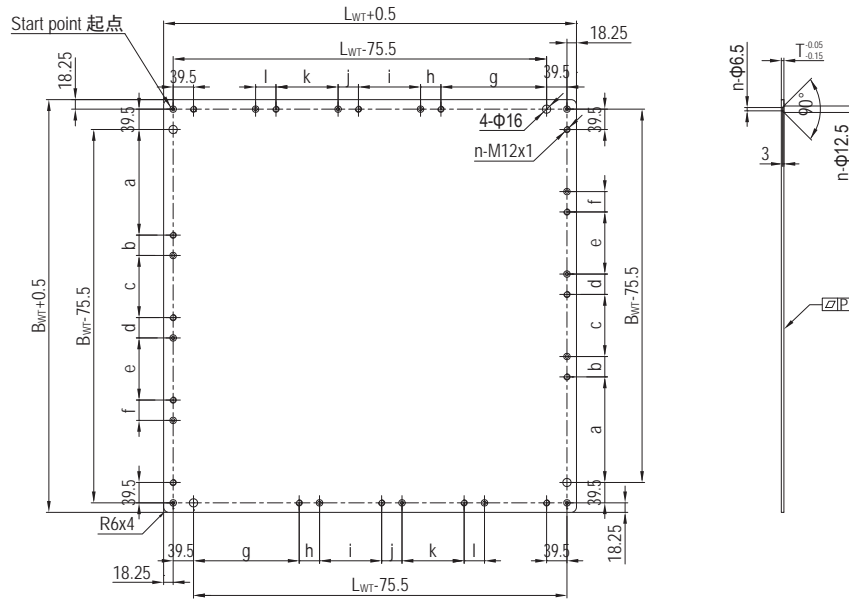
- ▶ GB/T70.3-2000
- ▶ Material: steel, zinc plated
材料: 钢, 表面镀锌
- ▶ To fix the support plate and frame modules
实现WP2/S中的承载托板与模块之间的连接紧固

Ordering reference 订购说明

Product name 产品名称	Dimension for a a的尺寸(mm)	Thickness of support plate T 承载托板厚度T(mm)	Allowable max. torque 承受最大扭矩(N.M)	Delivery unit 供货单位	Weight 重量(kg)
Hex. countersink bolt 内六角沉头螺钉	12	5	9	1	0.004
Hex. countersink bolt 内六角沉头螺钉	16	8	9	1	0.005
Hex. countersink bolt 内六角沉头螺钉	20	12	9	1	0.006

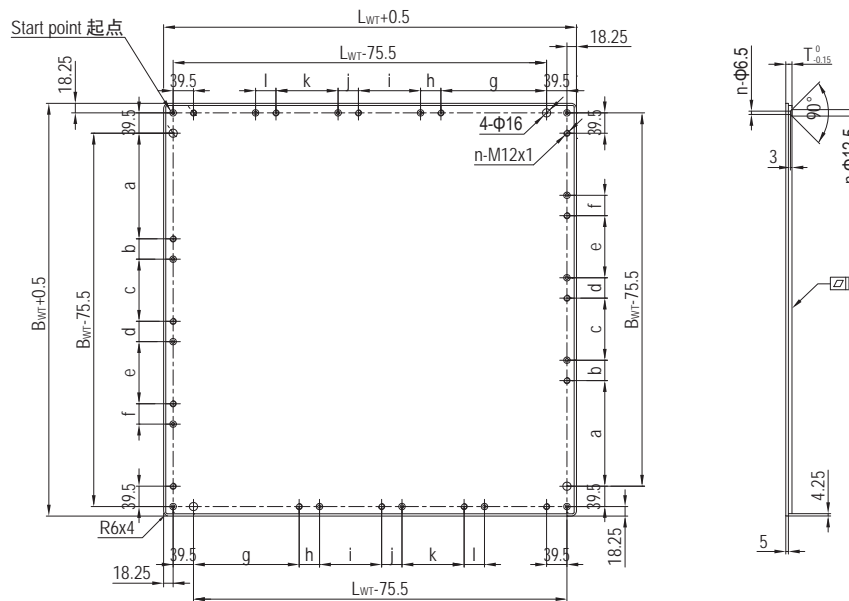
Support Plate
承载托板

5mm steel or aluminum support plate
5mm 厚钢质或铝质承载托板



! No production drawings
不提供加工图纸

8mm、12mm aluminum support plate
8mm、12mm 铝质承载托板

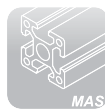


! No production drawings
不提供加工图纸

Support Plate
 承载托板

Ordering reference 订购说明

Pallet dimension 托盘规格(mm) B _{WT} X L _{WT}		Thickness of support plate 承载托板厚度 T(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	a	b	c	d	e	f	g	h	i	j	k	l	n	P	Weight 重量 (kg)	Ordering reference No. 承载托板 订购编号	
160	160	5	Aluminum alloy/铝合金	Black anodized/黑色氧化													4	0.3	0.33	50702112	
			Aluminum alloy/铝合金	Nature anodized/本色氧化														4	0.3	0.33	50702114
			Carbon steel/碳钢	Black electrophoresis/黑色电泳														4	0.3	0.95	50702113
	240	240	5	Aluminum alloy/铝合金	Black anodized/黑色氧化													4	0.3	0.51	50702115
				Aluminum alloy/铝合金	Nature anodized/本色氧化													4	0.3	0.51	50702117
				Carbon steel/碳钢	Black electrophoresis/黑色电泳													4	0.3	1.45	50702116
		320	5	Aluminum alloy/铝合金	Black anodized/黑色氧化													4	0.3	0.67	50702801
				Aluminum alloy/铝合金	Nature anodized/本色氧化													4	0.3	0.67	50702803
				Carbon steel/碳钢	Black electrophoresis/黑色电泳													4	0.3	1.94	50702802
240	240	5	Aluminum alloy/铝合金	Black anodized/黑色氧化													4	0.3	0.76	50702121	
			Aluminum alloy/铝合金	Nature anodized/本色氧化													4	0.3	0.76	50702123	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳													4	0.3	2.21	50702122	
	320	5	Aluminum alloy/铝合金	Black anodized/黑色氧化													4	0.5	1.01	50702804	
			Aluminum alloy/铝合金	Nature anodized/本色氧化													4	0.5	1.01	50702806	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳													4	0.5	2.94	50702805	
		400	5	Aluminum alloy/铝合金	Black anodized/黑色氧化							125	39.5					6	0.6	1.27	50702127
				Aluminum alloy/铝合金	Nature anodized/本色氧化							125	39.5					6	0.6	1.27	50702129
				Carbon steel/碳钢	Black electrophoresis/黑色电泳							125	39.5					6	0.6	3.69	50702128
	480	8	Aluminum alloy/铝合金	Nature anodized/本色氧化							125	39.5					6	0.6	1.99	50702130	
			Aluminum alloy/铝合金	Black anodized/黑色氧化							205	39.5					6	0.6	1.52	50702807	
			Aluminum alloy/铝合金	Nature anodized/本色氧化							205	39.5					6	0.6	1.52	50702809	
		5	Carbon steel/碳钢	Black electrophoresis/黑色电泳							205	39.5					6	0.6	4.43	50702808	
			Aluminum alloy/铝合金	Nature anodized/本色氧化							205	39.5					6	0.6	2.39	50702810	
			Aluminum alloy/铝合金	Black anodized/黑色氧化													4	0.5	1.35	50702811	
		320	320	5	Aluminum alloy/铝合金	Nature anodized/本色氧化												4	0.5	1.35	50702813
					Carbon steel/碳钢	Black electrophoresis/黑色电泳												4	0.5	3.93	50702812
					Aluminum alloy/铝合金	Nature anodized/本色氧化												4	0.5	2.12	50702814
400	5		Aluminum alloy/铝合金	Black anodized/黑色氧化							125	39.5					6	0.6	1.71	50702815	
			Aluminum alloy/铝合金	Nature anodized/本色氧化							125	39.5					6	0.6	1.71	50702817	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳							125	39.5					6	0.6	4.93	50702816	
	8		Aluminum alloy/铝合金	Nature anodized/本色氧化							125	39.5					6	0.6	2.66	50702818	
			Aluminum alloy/铝合金	Black anodized/黑色氧化							205	39.5					6	0.6	2.03	50702819	
			Aluminum alloy/铝合金	Nature anodized/本色氧化							205	39.5					6	0.6	2.03	50702821	
560	5		Carbon steel/碳钢	Black electrophoresis/黑色电泳							205	39.5					6	0.6	5.92	50702820	
			Aluminum alloy/铝合金	Nature anodized/本色氧化							205	39.5					6	0.6	3.21	50702822	
			Aluminum alloy/铝合金	Nature anodized/本色氧化							205	39.5					6	0.6	4.75	50702823	
	640		5	Aluminum alloy/铝合金	Black anodized/黑色氧化							125	39.5	120.5	39.5			8	0.8	2.38	50702163
				Aluminum alloy/铝合金	Nature anodized/本色氧化							125	39.5	120.5	39.5			8	0.8	2.38	50702165
				Carbon steel/碳钢	Black electrophoresis/黑色电泳							125	39.5	120.5	39.5			8	0.8	6.93	50702164
			8	Aluminum alloy/铝合金	Nature anodized/本色氧化							125	39.5	120.5	39.5			8	0.8	3.76	50702166
				Aluminum alloy/铝合金	Nature anodized/本色氧化							125	39.5	120.5	39.5			8	0.8	5.58	50702167
				Aluminum alloy/铝合金	Black anodized/黑色氧化							205	39.5	120.5	39.5			8	0.8	2.73	50702834
12	Aluminum alloy/铝合金	Nature anodized/本色氧化							205	39.5	120.5	39.5			8	0.8	2.73	50702836			
	Carbon steel/碳钢	Black electrophoresis/黑色电泳							205	39.5	120.5	39.5			8	0.8	7.95	50702835			
	Aluminum alloy/铝合金	Nature anodized/本色氧化							205	39.5	120.5	39.5			8	0.8	4.31	50702837			
400	400	5	Aluminum alloy/铝合金	Nature anodized/本色氧化						205	39.5	120.5	39.5			8	0.8	6.41	50702838		
			Aluminum alloy/铝合金	Black anodized/黑色氧化	125	39.5					125	39.5				8	0.6	2.13	50702148		
			Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5					125	39.5				8	0.6	2.13	50702150		
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	125	39.5					125	39.5				8	0.6	6.19	50702149			
		12	Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5					125	39.5				8	0.6	3.35	50702151		
			Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5				125	39.5				8	0.6	9.48	50702152			



Support Plate
 承载托板

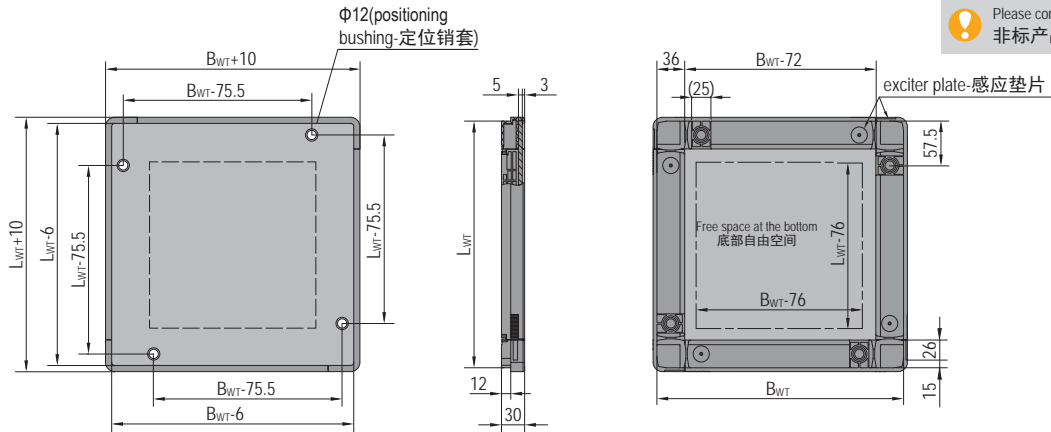
Ordering reference 订购说明

Pallet dimension 托盘规格(mm) B _{WT} X L _{WT}	Thickness of support plate 承载托板厚度 T(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	a	b	c	d	e	f	g	h	i	j	k	l	n	P	Weight 重量 (kg)	Ordering reference No. 承载托板订购编号		
400	480	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	125	39.5					205	39.5					8	0.6	2.56	50702824	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5					205	39.5						8	0.6	2.56	50702826
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	125	39.5						205	39.5						8	0.6	7.44	50702825
		Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5						205	39.5						8	0.6	4.03	50702827
	560	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	125	39.5					125	39.5	120.5	39.5			10	0.8	2.99	50702168	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5					125	39.5	120.5	39.5			10	0.8	2.99	50702170	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	125	39.5						125	39.5	120.5	39.5			10	0.8	8.70	50702169	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5						125	39.5	120.5	39.5			10	0.8	4.72	50702171	
	640	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	125	39.5					205	39.5	120.5	39.5			10	0.8	3.41	50702839	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5					205	39.5	120.5	39.5			10	0.8	3.41	50702841	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	125	39.5						205	39.5	120.5	39.5			10	0.8	9.94	50702840	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5						205	39.5	120.5	39.5			10	0.8	5.39	50702842	
	720	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	125	39.5					205	39.5	120.5	39.5	125	39.5	12	1.0	3.84	50702188	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5					125	39.5	120.5	39.5	125	39.5	12	1.0	3.84	50702189	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	125	39.5						125	39.5	120.5	39.5	125	39.5	12	1.0	11.20	50702190	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5						125	39.5	120.5	39.5	125	39.5	12	1.0	6.08	50702191	
	800	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	125	39.5					205	39.5	120.5	39.5	120.5	39.5	12	1.2	4.27	50702193	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5					205	39.5	120.5	39.5	120.5	39.5	12	1.2	4.27	50702194	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	125	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	12.46	50702195	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	125	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	6.77	50702196	
	480	480	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	205	39.5					205	39.5					8	0.8	3.06	50702829
				Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5					205	39.5					8	0.8	3.06	50702831
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	205	39.5						205	39.5					8	0.8	8.91	50702830
			Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5						205	39.5					8	0.8	4.83	50702832
560		5	Aluminum alloy/铝合金	Black anodized/黑色氧化	205	39.5					125	39.5	120.5	39.5			10	0.8	3.58	50702173	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5					125	39.5	120.5	39.5			10	0.8	3.58	50702175	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	205	39.5						125	39.5	120.5	39.5			10	0.8	10.43	50702174	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5						125	39.5	120.5	39.5			10	0.8	5.66	50702176	
640		5	Aluminum alloy/铝合金	Black anodized/黑色氧化	205	39.5					205	39.5	120.5	39.5			10	1.0	4.11	50702844	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5					205	39.5	120.5	39.5			10	1.0	4.11	50702846	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	205	39.5						205	39.5	120.5	39.5			10	1.0	11.93	50702845	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5						205	39.5	120.5	39.5			10	1.0	6.48	50702847	
720		5	Aluminum alloy/铝合金	Black anodized/黑色氧化	205	39.5					125	39.5	120.5	39.5	120.5	39.5	12	1.0	4.63	50702198	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5					125	39.5	120.5	39.5	120.5	39.5	12	1.0	4.63	50702199	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	205	39.5						125	39.5	120.5	39.5	120.5	39.5	12	1.0	13.45	50702200	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5						125	39.5	120.5	39.5	120.5	39.5	12	1.0	7.31	50702205	
800		5	Aluminum alloy/铝合金	Black anodized/黑色氧化	205	39.5					125	39.5	120.5	39.5	120.5	39.5	12	1.2	5.15	50702207	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5					205	39.5	120.5	39.5	120.5	39.5	12	1.2	5.15	50702208	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	205	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	14.97	50702209	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	8.14	50702210	
800		5	Aluminum alloy/铝合金	Black anodized/黑色氧化	205	39.5					205	39.5	120.5	39.5	120.5	39.5	12	1.2	5.15	50702207	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5					205	39.5	120.5	39.5	120.5	39.5	12	1.2	5.15	50702208	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	205	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	14.97	50702209	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	8.14	50702210	
800	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	205	39.5					205	39.5	120.5	39.5	120.5	39.5	12	1.2	5.15	50702207		
		Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5					205	39.5	120.5	39.5	120.5	39.5	12	1.2	5.15	50702208		
	Carbon steel/碳钢	Black electrophoresis/黑色电泳	205	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	14.97	50702209		
	Aluminum alloy/铝合金	Nature anodized/本色氧化	205	39.5						205	39.5	120.5	39.5	120.5	39.5	12	1.2	8.14	50702210		



WP2/E Pallet
WP2/E 托盘

 Delivery 交货期 10-15 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



- ▶ Use together with pallet conveyor with toothed belt, base belt and plastic flat chain etc.
适用于齿形带、片基带、塑料平顶链等输送介质上。

Features/Benefits 特征

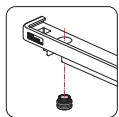
1. Plastic (PA) frame module, with aluminum or steel support plate.
塑料 (PA) 框架模块, 带铝质或钢质承载托板。
2. With positioning bushings for a positioning accuracy of ± 0.1 mm.
使用定位销套对托盘进行定位, 定位精度为 ± 0.1 mm。
3. The standard exciter plate is to match with the proximity switch to detect the position of the pallet.
标准感应垫片用于配合接近开关检测托盘的位置。
4. The support plate is 5 mm, 8 mm, 12 mm thickness aluminum plate or 5mm steel plate.
承载托板采用 5 mm、8 mm、12 mm 厚的铝板或 5 mm 的钢板。
5. PA frame is ESD type.
塑料 (PA) 框架模块可防静电。
6. Pallets with different dimensions can be assembled as requested.
根据需求可组合成多种尺寸标准托盘。

Supply mode 供货方式

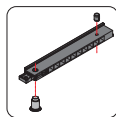
1. Supply in set (Equipped).
整套供货 (已装配)。
2. Supply in pcs (Not equipped).
零部件供货 (未装配)。



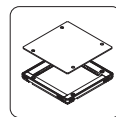
Frame module
框架模块



Positioning bushing
定位销套



Connector
连接件



Support plate
承载托板


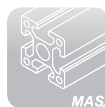
3. Accessories
配件

Press-fit mandrel (To be ordered separately when the customer assembles the pallet)
压装辅助芯棒 (客户自己组装时需订购压装辅助芯棒)

WP2/E Pallet
 WP2/E 托盘

Ordering reference for supply in set 整套供货订购编号

B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Flatness P 平面度 P (mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Pallet weight 托盘重量 (kg)	Part No. 订购编号	
160	160	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	0.77	50703201	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	0.77	50703202	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	1.41	50703203	
	240	240	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.02	50703204
					Aluminum alloy/铝合金	Nature anodized/本色氧化	1.02	50703205
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	1.99	50703206
		320	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.27	50703207
					Aluminum alloy/铝合金	Nature anodized/本色氧化	1.27	50703208
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	2.58	50703209
240	240	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.36	50703210	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	1.36	50703211	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	2.83	50703212	
	320	5	0.5	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.70	50703213	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	1.70	50703214	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	3.66	50703215	
		400	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	2.03	50703216
					Aluminum alloy/铝合金	Nature anodized/本色氧化	2.03	50703217
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	4.49	50703218
	480	5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	2.77	50703219	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	2.49	50703220	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	2.49	50703221	
		8	0.6	Carbon steel/碳钢	Black electrophoresis/黑色电泳	5.45	50703222	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.38	50703223	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	2.13	50703224	
320	320	5	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	2.13	50703225	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	4.76	50703226	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	2.91	50703227	
		8	0.5	Aluminum alloy/铝合金	Black anodized/黑色氧化	2.55	50703228	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	2.55	50703229	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	5.83	50703230	
	400	5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.55	50703231	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	3.10	50703232	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.10	50703233	
		8	0.6	Carbon steel/碳钢	Black electrophoresis/黑色电泳	7.04	50703234	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	4.30	50703235	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.91	50703236	
	480	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	3.53	50703272	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.53	50703273	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	8.13	50703274	
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.93	50703275	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	6.82	50703276	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	3.97	50703237	
	560	5	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.97	50703238	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	9.25	50703239	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.57	50703240	
8		0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.57	50703240		
			Aluminum alloy/铝合金	Nature anodized/本色氧化	7.71	50703241		
			Aluminum alloy/铝合金	Black anodized/黑色氧化	3.05	50703242		
400	400	5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.05	50703243	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	7.16	50703244	
		8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.30	50703245	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.96	50703246	
	12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.96	50703246		


 No machining drawing is to be provided.
 不提供加工图纸


WP2/E Pallet
 WP2/E 托盘

Ordering reference for supply in set 整套供货订购编号

B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Flatness P 平面度 P (mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Pallet weight 托盘重量 (kg)	Part No. 订购编号		
400	480	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	3.69	50703247		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.69	50703248		
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	8.62	50703249		
				8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.19	50703250
				12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.20	50703251
		560	5	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	4.20	50703277	
	Aluminum alloy/铝合金				Nature anodized/本色氧化	4.20	50703278		
	Carbon steel/碳钢				Black electrophoresis/黑色电泳	9.96	50703279		
				8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.96	50703280
				12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.32	50703281
	640		5	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	4.72	50703252	
		Aluminum alloy/铝合金			Nature anodized/本色氧化	4.72	50703253		
		Carbon steel/碳钢			Black electrophoresis/黑色电泳	11.30	50703254		
				8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.73	50703255
				12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	9.42	50703256
		720	5	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.23	50703297	
	Aluminum alloy/铝合金				Nature anodized/本色氧化	5.23	50703298		
	Carbon steel/碳钢				Black electrophoresis/黑色电泳	12.64	50703299		
				8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.50	50703300
				12	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	10.54	50703500
	800		5	1.2	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.85	50703501	
		Aluminum alloy/铝合金			Nature anodized/本色氧化	5.85	50703502		
		Carbon steel/碳钢			Black electrophoresis/黑色电泳	14.10	50703503		
				8	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.39	50703504
			12	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.79	50703505	
480		480	5	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	4.41	50703257	
	Aluminum alloy/铝合金				Nature anodized/本色氧化	4.41	50703258		
	Carbon steel/碳钢				Black electrophoresis/黑色电泳	10.33	50703259		
				8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.22	50703260
				12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.65	50703261
	560		5	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.01	50703282	
		Aluminum alloy/铝合金			Nature anodized/本色氧化	5.01	50703283		
		Carbon steel/碳钢			Black electrophoresis/黑色电泳	11.93	50703284		
				8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.13	50703285
				12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	9.97	50703286
		640	5	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.62	50703262	
	Aluminum alloy/铝合金				Nature anodized/本色氧化	5.62	50703263		
	Carbon steel/碳钢				Black electrophoresis/黑色电泳	13.52	50703264		
				8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.04	50703265
				12	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.26	50703266
	720		5	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	6.22	50703506	
		Aluminum alloy/铝合金			Nature anodized/本色氧化	6.22	50703507		
		Carbon steel/碳钢			Black electrophoresis/黑色电泳	15.12	50703508		
				8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.95	50703509
				12	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	12.58	50703510
		800	5	1.2	Aluminum alloy/铝合金	Black anodized/黑色氧化	6.92	50703511	
	Aluminum alloy/铝合金				Nature anodized/本色氧化	6.92	50703512		
	Carbon steel/碳钢				Black electrophoresis/黑色电泳	16.83	50703513		
				8	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	9.97	50703514
			12	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	14.07	50703515	

! No machining drawing is to be provided.
 ! 不提供加工图纸



WP2/E Pallet
 WP2/E 托盘

Ordering reference for supply in set 整套供货订购编号

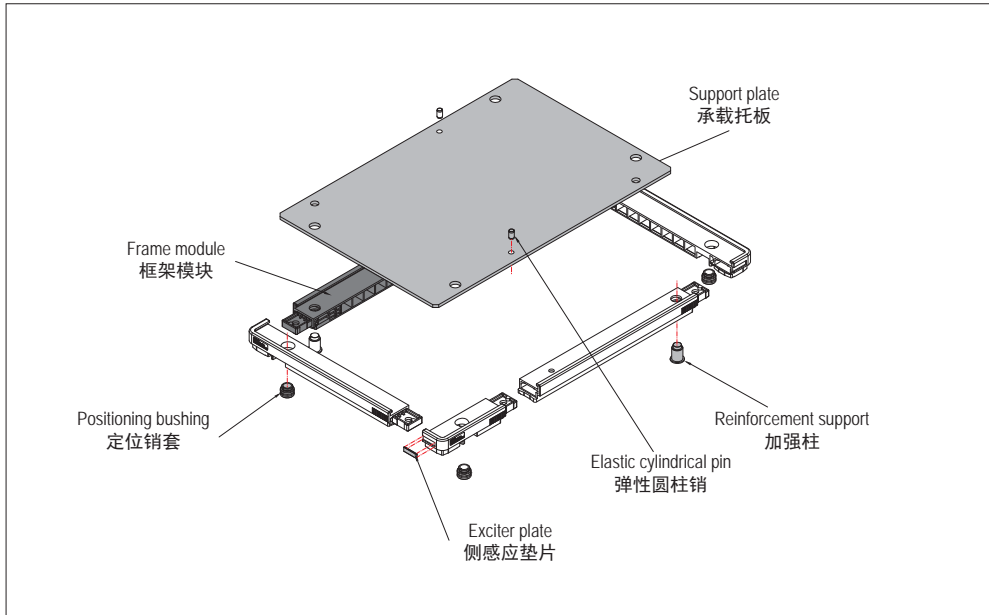
B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Flatness P 平面度 P (mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Pallet weight 托盘重量 (kg)	Part No. 订购编号		
560	560	5	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.69	50703287		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.69	50703288		
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	13.78	50703289		
		8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.18	50703290		
				12	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.50	50703291
						Aluminum alloy/铝合金	Black anodized/黑色氧化	6.37	50703292
	640	5	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.37	50703293		
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	15.63	50703294		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	9.23	50703295		
		8	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	13.03	50703296		
				12	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	7.05	50703516
						Aluminum alloy/铝合金	Nature anodized/本色氧化	7.05	50703517
	720	5	1.0	Carbon steel/碳钢	Black electrophoresis/黑色电泳	17.48	50703518		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	10.28	50703519		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	14.56	50703520		
		8	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	7.60	50703521		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.60	50703522		
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	18.68	50703523		
	800	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.02	50703524		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	15.60	50703525		
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	17.16	50703267		
		640	5	1.0	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.16	50703268	
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	17.70	50703269	
					Aluminum alloy/铝合金	Nature anodized/本色氧化	10.37	50703270	
8	1.0		Aluminum alloy/铝合金	Nature anodized/本色氧化	14.70	50703271			
			12	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	7.93	50703526	
					Aluminum alloy/铝合金	Nature anodized/本色氧化	7.93	50703527	
720	5	1.0	Carbon steel/碳钢	Black electrophoresis/黑色电泳	19.8	50703528			
			Aluminum alloy/铝合金	Nature anodized/本色氧化	11.56	50703529			
			Aluminum alloy/铝合金	Nature anodized/本色氧化	16.44	50703530			
	8	1.0	Aluminum alloy/铝合金	Black anodized/黑色氧化	8.58	50703531			
			Aluminum alloy/铝合金	Nature anodized/本色氧化	8.58	50703532			
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	21.78	50703533			
800	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	12.62	50703534			
			Aluminum alloy/铝合金	Nature anodized/本色氧化	18.05	50703535			
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	22.16	50703536			
	720	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.79	50703537		
				Aluminum alloy/铝合金	Black anodized/黑色氧化	8.79	50703538		
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	22.16	50703539		
8		1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	12.88	50703540			
			12	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	18.39	50703541	
					Aluminum alloy/铝合金	Black anodized/黑色氧化	9.52	50703542	
800	5	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	9.52	50703543			
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	24.39	50703544			
			Aluminum alloy/铝合金	Nature anodized/本色氧化	14.08	50703545			
	8	1.2	Aluminum alloy/铝合金	Nature anodized/本色氧化	20.21	50703546			
			12	1.2	Aluminum alloy/铝合金	Black anodized/黑色氧化	10.34	50703547	
					Aluminum alloy/铝合金	Nature anodized/本色氧化	10.34	50703548	
800	5	1.2	Carbon steel/碳钢	Black electrophoresis/黑色电泳	26.87	50703549			
			Aluminum alloy/铝合金	Nature anodized/本色氧化	15.42	50703550			
			Aluminum alloy/铝合金	Nature anodized/本色氧化	22.24	50703550			


 No machining drawing is to be provided.
 不提供加工图纸


WP2/E Pallet
WP2/E 托盘

WP2/E Pallet components WP2/E托盘部件供货

Except for frame module, we also supply support plates and other components according to actual situations.
根据实际情况，除了整套供货外，我们也提供各种承载板及其它附属件。



Exciter plate
侧感应垫片

- ▶ Used with corner part 160, 240, 320 or 400
与角件160、角件240、角件320、角件400组合
- ▶ The sensor detects the location of the pallet through Exciter plate
可通过传感器检测侧感应垫片来检测托盘位置

Elastic cylindrical pin
弹性圆柱销

- ▶ To connect support plate and linear parts
用于承载托板与直线件模块的连接

Support plate
承载托板

- ▶ To connect the frame module parts together
实现框架模块之间的连接，与框架模块组合
- ▶ Easy installation of custom made workpiece on the pallet
可以很方便地将定制的工件夹具集成在上面

Frame module
框架模块

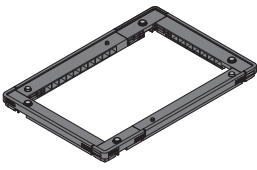

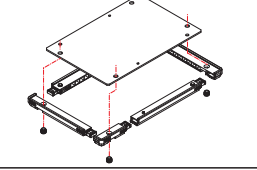
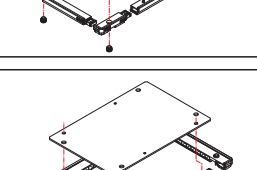
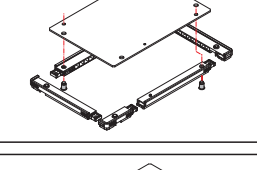
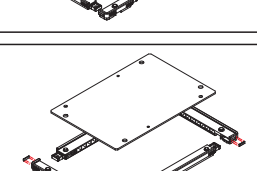
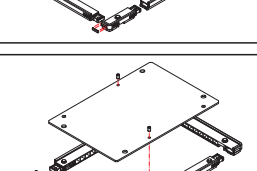
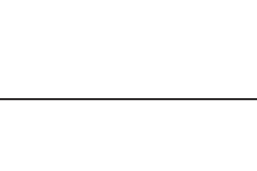
- ▶ Including corner part 160, 240, 320, 400 and linear part 320
包含角件160、角件240、角件320、角件400、直线件320
- ▶ To form different sizes of pallet with other parts
可与其他附件组合成不同尺寸的托盘框架

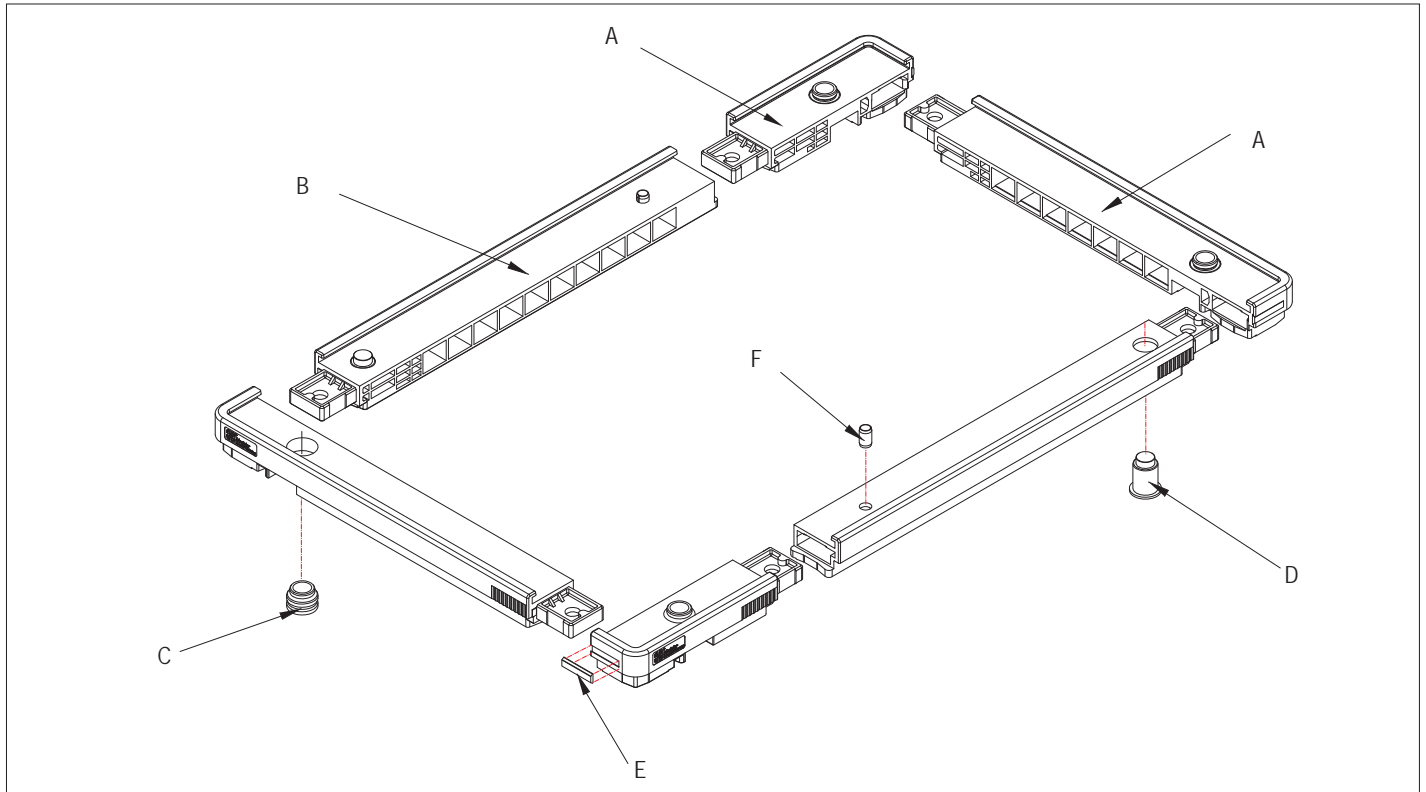
Reinforcement support
加强柱

- ▶ For pallet detect, to absorb the stop force from the stop
用于托盘检测，吸收挡停器上的挡停力，与框架模块组合

Positioning bushing
定位销套

- ▶ To have the positioning unit locate the pallet in exact position
使定位单元能在指定位置准确定位托盘

	<p>Pallet frame 托盘框架</p>	<p>Pg -35</p>	
		<p>Frame module 框架模块</p>	<p>Pg -38</p>
		<p>Positioning bushing 定位销套</p>	<p>Pg -40</p>
		<p>Reinforcement support 加强柱</p>	<p>Pg - 41</p>
		<p>Exciter plate 侧感应垫片</p>	<p>Pg - 41</p>
		<p>Elastic cylindrical pin 弹性圆柱销</p>	<p>Pg - 42</p>
		<p>Support plate 承载托板</p>	<p>Pg - 43</p>
			

WP2/E Pallet Frame
 WP2/E 托盘框架


- 
 Positioning bushing T5, Reinforcement support T5 for 5mm thickness support plate.
 定位销套(T5)、加强柱(T5)用于5mm厚承载托板
 Positioning bushing T8, Reinforcement support T8 for 8mm thickness support plate.
 定位销套(T8)、加强柱(T8)用于8mm厚承载托板
 Positioning bushing T12, Reinforcement support T12 for 12mm thickness support plate.
 定位销套(T12)、加强柱(T12)用于12mm厚承载托板

No. 序号	Description 名称	Part No. 编号
A	Corner part 160/角件160	50703101
	Corner part 240/角件240	50703102
	Corner part 320/角件320	50703103
	Corner part 400/角件400	50703105
B	Linear part 320/直线件320	50703104
C	Positioning bushing (T5)/定位销套(T5)	50702101
	Positioning bushing (T8)/定位销套(T8)	50702108
	Positioning bushing (T12)/定位销套(T12)	50702110
D	Reinforcement support (T5)/加强柱(T5)	50702103
	Reinforcement support (T8)/加强柱(T8)	50702109
	Reinforcement support(T12)/加强柱(T12)	50702111
E	Exciter plate/侧感应垫片	50703107
F	Elastic cylindrical pin/弹性圆柱销	Φ8x20

WP2/E Pallet Frame
 WP2/E 托盘框架

Ordering reference 订购说明

B _{WT} (mm)	L _{WT} (mm)	T (mm)	A				B	C			D			E	F	Weight 重量 (kg)	Part No. 订购编号	
			5	5	5	5	5	5	5	5	5	5	5	5	Φ8×20			
160	160	5	4				4							4		0.43	50703301	
	240	5	2	2			4							4		0.51	50703302	
	320	5	2		2		4							4		0.59	50703303	
240	240	5		4			4							4		0.58	50703304	
	320	5		2	2		4							4		0.67	50703305	
	400	5		2		2		4							4		0.74	50703306
		8		2		2		4							4		0.75	50703307
	480	5	2	2			2	4			2				4	2	0.95	50703308
		8	2	2			2	4			2				4	2	0.97	50703309
320	320	5			4		4							4		0.76	50703310	
		8			4		4							4		0.77	50703311	
	400	5			2	2		4							4		0.83	50703312
		8			2	2		4							4		0.84	50703313
	480	5	2	2		2	4			2				4	2	1.03	50703314	
		8	2	2		2	4			2				4	2	1.04	50703315	
		12	2	2		2	4			4			2	4	2	1.06	50703316	
	560	5		2	2		2	4			2				4	2	1.11	50703338
		8		2	2		2	4			2				4	2	1.12	50703339
		12		2	2		2	4			4			2	4	2	1.14	50703340
	640	5			4		2	4			2				4	2	1.20	50703317
		8			4		2	4			2				4	2	1.21	50703318
12				4		2	4			4			2	4	2	1.23	50703319	
400	400	5			4		4							4		0.90	50703320	
		8			4		4			4				4		0.91	50703321	
		12			4		4			4				4		0.92	50703322	
	480	5	2		2	2	4			2				4	2	1.11	50703323	
		8	2		2	2	4			4			2	4	2	1.12	50703324	
		12	2		2	2	4			4			2	4	2	1.14	50703325	
	560	5		2	2	2	4			2				4	2	1.19	50703341	
		8		2	2	2	4			4			2	4	2	1.20	50703342	
		12		2	2	2	4			4			2	4	2	1.22	50703343	
	640	5			2	2	2	4			2				4	2	1.27	50703326
		8			2	2	2	4			4			2	4	2	1.28	50703327
		12			2	2	2	4			4			2	4	2	1.30	50703328
	720	5			4	2	4			2				4	2	1.35	50703353	
		8			4	2	4			4			2	4	2	1.36	50703354	
		12			4	2	4			4			2	4	2	1.38	50703355	
	800	5	2		2	4	4			4				4	4	1.55	50703356	
		8	2		2	4	4			4			4	4	4	1.56	50703357	
		12	2		2	4	4			4			4	4	4	1.60	50703358	
480	480	5			4		4			4				4	4	1.31	50703329	
		8			4		4			4				4	4	1.32	50703330	
		12			4		4			4			4	4	4	1.35	50703331	

! T is thickness of support plate. T=5 is for 5mm carbon steel plate or aluminum plate, T=8 is for 8mm aluminum plate, T=12 is for 12mm aluminum plate.
 T为承载托板厚度: T=5表示5mm碳钢板或铝板; T=8表示8mm 铝板; T=12表示12mm铝板。



WP2/E Pallet Frame
 WP2/E 托盘框架

Ordering reference 订购说明

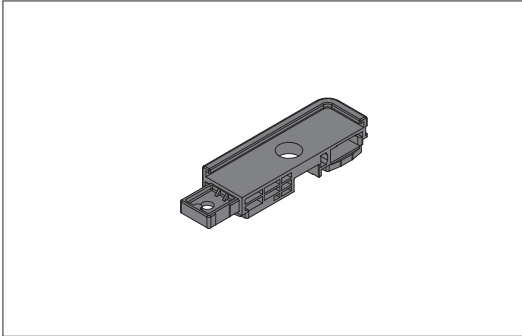
B _{WT} (mm)	L _{WT} (mm)	T (mm)	A				B	C			D			E	F	Weight 重量 (kg)	Part No. 订购编号	
			5	5	5	5	5	5	5	5	5	5	5	5	Φ8×20			
480	560	5	2	2			4	4			4			4	4	1.39	50703344	
		8	2	2			4		4		4			4	4	1.40	50703345	
		12	2	2			4		4		4	4		4	4	1.43	50703346	
	640	5	2		2		4	4			4			4	4	1.48	50703332	
		8	2		2		4		4		4			4	4	1.49	50703333	
		12	2		2		4		4		4	4		4	4	1.52	50703334	
	720	5	2		2		4	4			4			4	4	1.56	50703359	
		8	2		2		4		4		4			4	4	1.57	50703360	
		12	2		2		4		4		4	4		4	4	1.60	50703361	
	800	5	4				6	4			6			4	6	1.76	50703362	
		8	4				6		4		6			4	6	1.76	50703363	
		12	4				6		4		6	4		6	6	1.84	50703364	
	560	560	5		4			4	4			4			4	4	1.47	50703347
			8		4			4		4		4			4	4	1.48	50703348
			12		4			4		4		4	4		4	4	1.51	50703349
		640	5	2		2		4	4			4			4	4	1.55	50703350
			8	2		2		4		4		4			4	4	1.56	50703351
			12	2		2		4		4		4	4		4	4	1.58	50703352
		720	5	2		2		4	4			4			4	4	1.63	50703365
			8	2		2		4		4		4			4	4	1.65	50703366
			12	2		2		4		4		4	4		4	4	1.66	50703367
		800	5	2		2		6	4			6			4	6	1.06	50703368
			8	2		2		6		4		6			4	6	1.42	50703369
			12	2		2		6		4		6	4		6	6	1.25	50703370
640	640	5			4		4	4			4			4	4	1.64	50703335	
		8			4		4		4		4			4	4	1.65	50703336	
		12			4		4		4		4	4		4	4	1.68	50703337	
	720	5			2	2	4	4			4			4	4	1.72	50703371	
		8			2	2	4		4		4			4	4	1.73	50703372	
		12			2	2	4		4		4	4		4	4	1.76	50703373	
	800	5	2		2		6	4			6			4	6	1.67	50703374	
		8	2		2		6		4		6			4	6	1.69	50703375	
		12	2		2		6		4		6	4		6	6	1.72	50703376	
720	720	5				4	4	4			4			4	4	1.80	50703377	
		8				4	4		4		4			4	4	1.81	50703378	
		12				4	4		4		4	4		4	4	1.84	50703379	
	800	5	2		2		6	4			6			4	6	1.76	50703380	
		8	2		2		6		4		6			4	6	1.77	50703381	
		12	2		2		6		4		6	4		6	6	1.80	50703382	
800	800	5	4				8	4			8			4	8	1.71	50703383	
		8	4				8		4		8			4	8	1.72	50703384	
		12	4				8		4		8	4		8	8	1.75	50703385	

! T is thickness of support plate. T=5 is for 5mm carbon steel plate or aluminum plate, T=8 is for 8mm aluminum plate, T=12 is for 12mm aluminum plate.
 T为承载托板厚度: T=5表示5mm碳钢板或铝板; T=8表示8mm 铝板; T=12表示12mm铝板。



Frame Module
框架模块

Corner part 160
角件160

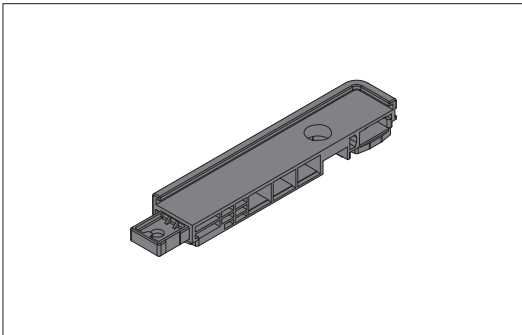


- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件、直线件组合

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Corner part 160 角件160	1	0.08	50703101

Corner part 240
角件240

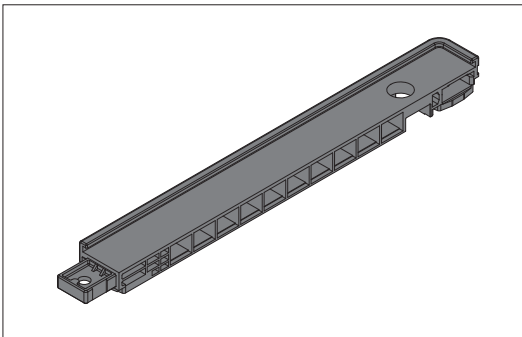


- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件、直线件组合

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Corner part 240 角件240	1	0.12	50703102

Corner part 320
角件320

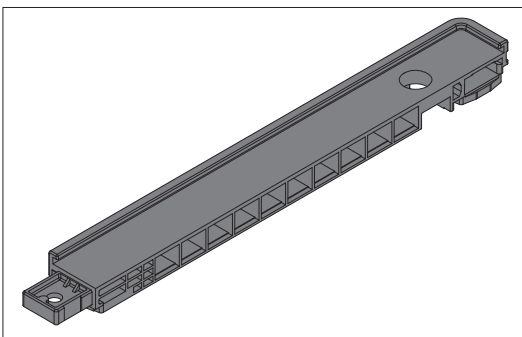


- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件、直线件组合

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Corner part 320 角件 320	1	0.16	50703103

Corner part 400
角件400



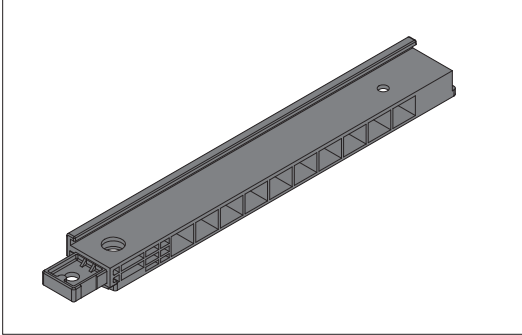
- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件、直线件组合

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Corner part 400 角件400	1	0.20	50703105

Frame Module
框架模块

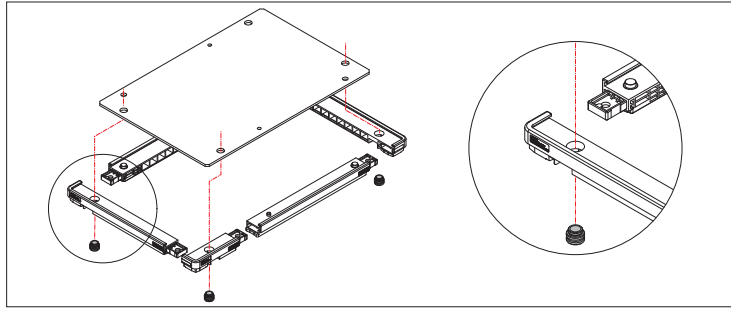
Linear part 320
直线件320



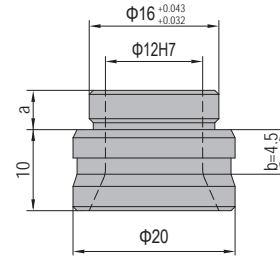
- ▶ Material: PA, black
材料: PA, 黑色
- ▶ Connected with other corner part, linear part
与其它角件组合

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Linear part320 直线件320	1	0.17	50703104

**Positioning Bushing
定位销套**


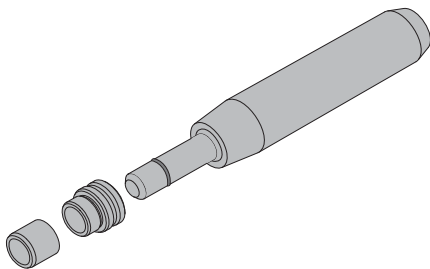
- ▶ Material: Steel, hardened
材料: 钢, 淬火
 - ▶ Combined with frame modules of WP2/E pallet
与 WP2/E 托盘的框架模块组合
 - ▶ Accurate positioning
准确定位
 - ▶ Fix frame module and support plate
固定模块框架和承载托板
- ▶ Accessories
配件
 - Press-fit mandrel
(To be ordered separately)
压装辅助芯棒(单独订购)

**Dimension
尺寸**


1. The dimension $\Phi 12H7$ refers to the state before press-fitting. After press-fitting with the mandrel, the dimension $\Phi 12H7$ is guaranteed to be in the "b" range.
尺寸 $\Phi 12H7$ 指的是压装前的状态。采用芯棒辅助压装后, 在 "b" 区域内能保证 $\Phi 12H7$ 的公差尺寸。
2. Suggested bushing hole dia: 5 mm Carbon steel plate $\Phi 16^{+0.012}_{-0.01}$
5 / 8 / 12 mm Aluminum alloy plate $\Phi 16^{+0.02}_{-0.04}$
承载托板配合孔直径建议: 5 mm 碳钢板 $\Phi 16^{+0.012}_{-0.01}$
5 / 8 / 12 mm 合金铝板 $\Phi 16^{+0.02}_{-0.04}$

Ordering reference 订购说明

Product name 产品名称	Dimension for a a 的尺寸 (mm)	Upper dimension for a a 的上公差 (mm)	Lower dimension for a a 的下公差 (mm)	Thickness of support plate T 承载托板厚度 T (mm)	Delivery unit 供货单位	Weight 重量 (kg)	Part No. 订购编号
Positioning bushing (T5) 定位销套 (T5)	4.8	0	-0.15	5	1	0.016	50702101
Positioning bushing (T8) 定位销套 (T8)	7.8	0	-0.15	8	1	0.018	50702108
Positioning bushing (T12) 定位销套 (T12)	11.8	0	-0.15	12	1	0.021	50702110

**Press-fit Mandrel
压装辅助芯棒**


- ▶ Material: steel, hardened
材料: 钢, 淬火
- ▶ Can be combined with positioning bushing of the WP2/E pallet
与 WP2/E 托盘的定位销套组合

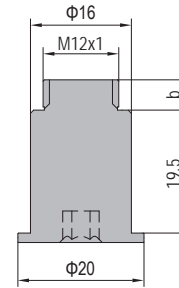
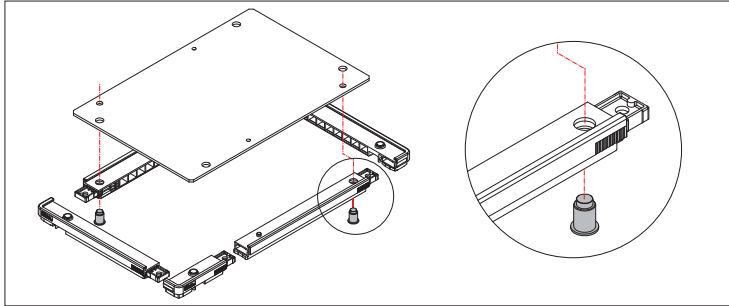
- ▶ The press-fit mandrel is used when mounting the pallet for pressing the positioning bushings into the support plate.
压装辅助芯棒用于在安装托盘时将定位销套压入承载托板中

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Part No. 订购编号
Press-fit mandrel 压装辅助芯棒	1	50702600

Reinforcement Support
加强柱

Dimension
尺寸



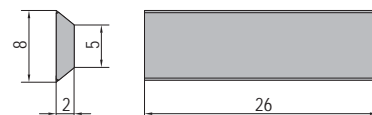
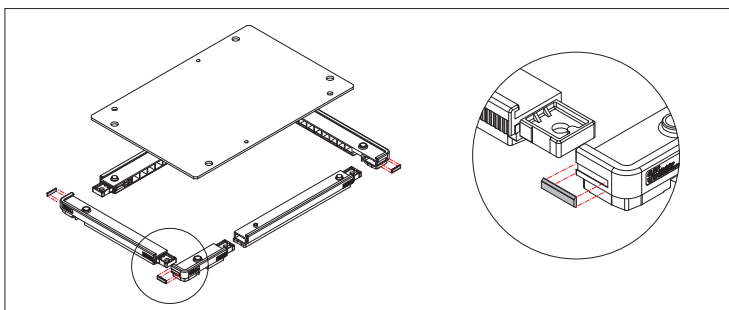
- ▶ Material: steel, zinc plate
材料: 钢, 镀锌
- ▶ Combined with frame modules of WP2/E pallet
与WP2/E托盘的框架模块组合
- ▶ For pallet detection
用于托盘检测
- ▶ For absorbing the stop forces on the stop
用于吸收挡停器上的挡停力

Ordering reference 订购说明

Product name 产品名称	Dimension for b b的尺寸(mm)	Upper dimension for b b的上公差(mm)	Lower dimension for b b的下公差(mm)	Thickness for support plate T 承载托板厚度T(mm)	Allowable max. torque 承受最大扭矩(N.M)	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Reinforcement support T5 加强柱(T5)	4.8	0	-0.15	5	14	1	0.04	50702103
Reinforcement support T8 加强柱(T8)	7.8	0	-0.15	8	14	1	0.041	50702109
Reinforcement support T12 加强柱(T12)	11.8	0	-0.15	12	14	1	0.045	50702111

Exciter Plate
侧感应垫片

Dimension
尺寸



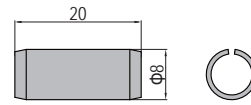
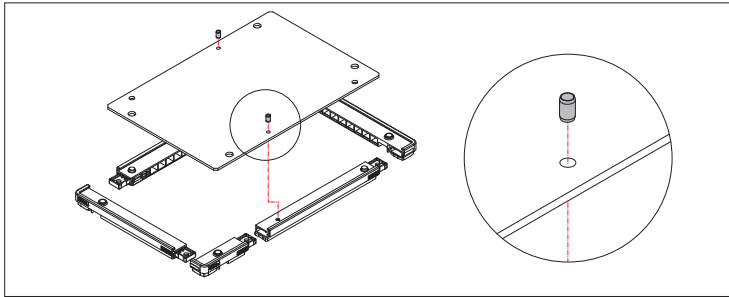
- ▶ Material: steel, zinc plate
材料: 钢, 表面镀锌
- ▶ Combined with corner part 160, 240, 320, 400 for WP2/E pallet
与WP2/E托盘的角件160、角件240、角件320、角件400组合
- ▶ The sensor detects the location of the pallet through exciter plate
可通过传感器检测侧感应垫片来检测托盘位置

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)	Part No. 订购编号
Exciter plate 侧感应垫片	1	0.003	50703107

Elastic Cylindrical Pin
弹性圆柱销

Dimension
尺寸



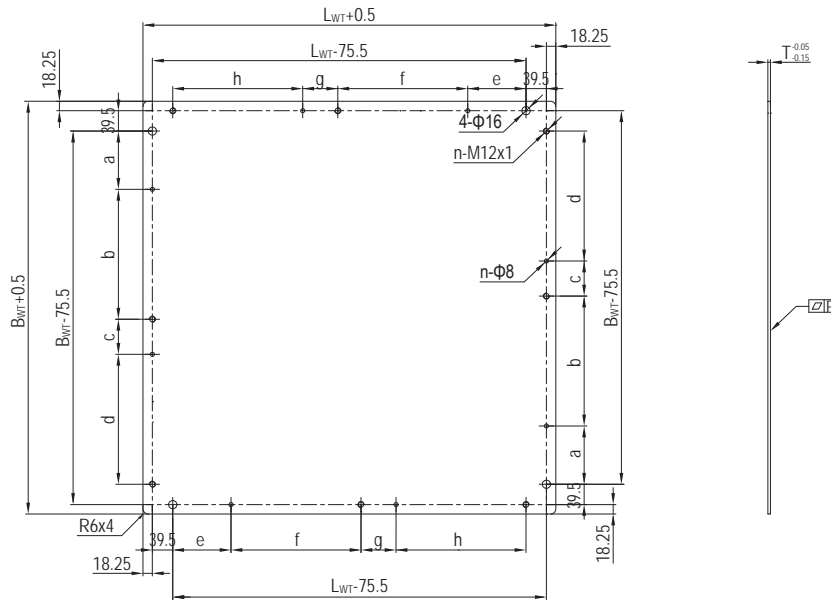
- ▶ GB/T879.2-2000
- ▶ Material: steel, zinc plated
材料: 钢, 表面氧化处理
- ▶ To connect support plate and linear parts of WP2/E pallet
实现 WP2/E 中的承载托板与直线件模块之间的连接紧固

Ordering reference 订购说明

Product name 产品名称	Delivery unit 供货单位	Weight 重量(kg)
Elastic cylindrical pin 弹性圆柱销	1	0.006

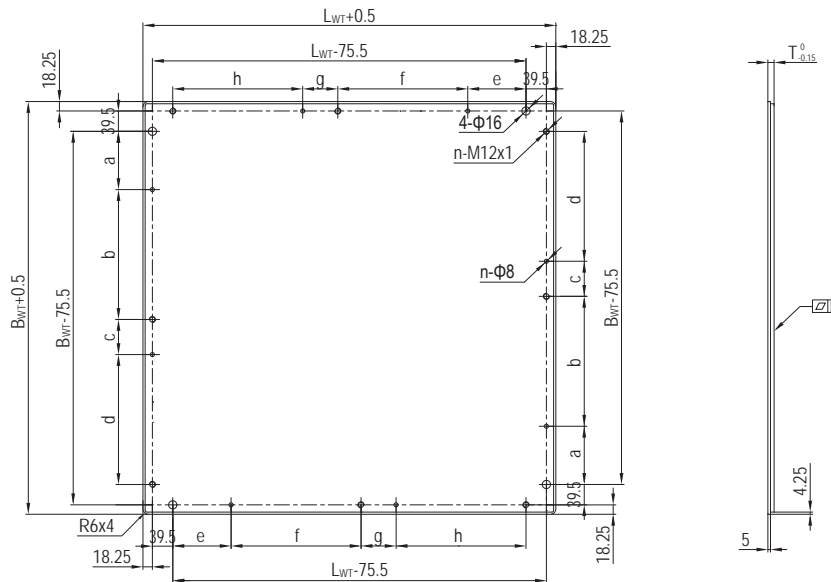
Support Plate
承载托板

5mm steel or aluminum support plate
5mm厚钢质或铝质承载托板



⚠ No production drawings
不提供加工图纸

8mm、12mm aluminum support plate
8mm、12mm铝质承载托板

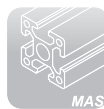


⚠ No production drawings
不提供加工图纸

Support Plate
 承载托板

Ordering reference 订购说明

Pallet dimension 托盘规格(mm) B _{WT} x L _{WT}		Thickness of support plate 承载托板厚度 T(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	a	b	c	d	e	f	g	h	n	P	Weight 重量 (kg)	Ordering reference No. 承载托板订购编号			
160	160	5	Aluminum alloy/铝合金	Black anodized/黑色氧化											0.3	0.34	50703111		
			Aluminum alloy/铝合金	Nature anodized/本色氧化												0.3	0.34	50703113	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.3	0.98	50703112	
	240	240	5	Aluminum alloy/铝合金	Black anodized/黑色氧化											0.3	0.51	50703114	
				Aluminum alloy/铝合金	Nature anodized/本色氧化												0.3	0.51	50703116
				Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.3	1.48	50703115
		320	5	Aluminum alloy/铝合金	Black anodized/黑色氧化												0.3	0.68	50703117
				Aluminum alloy/铝合金	Nature anodized/本色氧化												0.3	0.68	50703119
				Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.3	1.99	50703118
240	240	5	Aluminum alloy/铝合金	Black anodized/黑色氧化											0.3	0.77	50703120		
			Aluminum alloy/铝合金	Nature anodized/本色氧化												0.3	0.77	50703122	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.3	2.24	50703121	
	320	5	Aluminum alloy/铝合金	Black anodized/黑色氧化												0.5	1.03	50703123	
			Aluminum alloy/铝合金	Nature anodized/本色氧化												0.5	1.03	50703125	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.5	2.99	50703124	
		400	5	Aluminum alloy/铝合金	Black anodized/黑色氧化												0.6	1.29	50703126
				Aluminum alloy/铝合金	Nature anodized/本色氧化												0.6	1.29	50703128
				Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.6	3.75	50703127
	480	8	Aluminum alloy/铝合金	Nature anodized/本色氧化												0.6	2.02	50703129	
			5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252							2	0.6	1.54	50703130		
				Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252							2	0.6	1.54	50703132		
		Carbon steel/碳钢		Black electrophoresis/黑色电泳	113	252							2	0.6	4.50	50703131			
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252								2	0.6	2.42	50703133		
			5	Aluminum alloy/铝合金	Black anodized/黑色氧化												0.5	1.37	50703134
Aluminum alloy/铝合金	Nature anodized/本色氧化														0.5	1.37	50703136		
Carbon steel/碳钢	Black electrophoresis/黑色电泳													0.5	4.00	50703135			
320	320	5	Aluminum alloy/铝合金	Black anodized/黑色氧化											0.6	1.72	50703138		
			Aluminum alloy/铝合金	Nature anodized/本色氧化												0.6	1.72	50703140	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.6	5.00	50703139		
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化											0.6	2.71	50703141		
	480	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252								2	0.6	2.07	50703142		
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252								2	0.6	2.07	50703144		
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252								2	0.6	6.01	50703143		
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252									2	0.6	3.26	50703145	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252									2	0.6	4.85	50703146	
			Aluminum alloy/铝合金	Black anodized/黑色氧化	193	252									2	0.8	2.42	50703185	
	560	5	Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252									2	0.8	2.42	50703187	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	193	252									2	0.8	7.02	50703186	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252									2	0.8	3.81	50703188	
		12	Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252									2	0.8	5.68	50703189	
			5	Aluminum alloy/铝合金	Black anodized/黑色氧化	273	252									2	0.8	2.77	50703147
				Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252									2	0.8	2.77	50703149
	Carbon steel/碳钢	Black electrophoresis/黑色电泳		273	252									2	0.8	8.05	50703148		
	640	5	Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252									2	0.8	4.36	50703150	
Aluminum alloy/铝合金			Nature anodized/本色氧化	273	252									2	0.8	6.48	50703151		
Aluminum alloy/铝合金			Black anodized/黑色氧化	273	252									2	0.8	6.48	50703151		
400	400	5	Aluminum alloy/铝合金	Black anodized/黑色氧化											0.6	2.15	50703152		
			Aluminum alloy/铝合金	Nature anodized/本色氧化												0.6	2.15	50703154	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳												0.6	6.26	50703153	
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化												0.6	3.39	50703155	
			Aluminum alloy/铝合金	Nature anodized/本色氧化												0.6	5.04	50703156	



Support Plate
承载托板

Ordering reference 订购说明

Pallet dimension 托盘规格(mm) B _{WT} × L _{WT}	Thickness of support plate 承载托板厚度 T(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	a	b	c	d	e	f	g	h	n	P	Weight 重量 (kg)	Ordering reference No. 承载托板订购编号	
400	480	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252							2	0.6	2.58	50703157	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252							2	0.6	2.58	50703159	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252								2	0.6	7.51	50703158
		Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252								2	0.6	4.07	50703160
		12	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252							2	0.6	6.06	50703161
	560	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	193	252							2	0.8	3.01	50703190
			Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252							2	0.8	3.01	50703192
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	193	252							2	0.8	8.77	50703191
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252							2	0.8	4.76	50703193
		12	Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252							2	0.8	7.10	50703194
	640	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	273	252							2	0.8	3.45	50703162
			Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252							2	0.8	3.45	50703164
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	273	252							2	0.8	10.03	50703163
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252							2	0.8	5.45	50703165
	12	Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252							2	0.8	8.12	50703166	
	720	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	353	252							2	1.0	3.88	50703411
			Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252							2	1.0	3.88	50703412
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	353	252							2	1.0	11.29	50703413
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252							2	1.0	6.14	50703414
	12	Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252							2	1.0	9.16	50703415	
	800	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252	68	252					4	1.2	4.31	50703416
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252	68	252					4	1.2	4.31	50703417
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252	68	252					4	1.2	12.56	50703418
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252	68	252					4	1.2	6.83	50703419
12	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252	68	252					4	1.2	10.19	50703420		
480	480	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252			113	252			4	0.8	3.10	50703167	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			113	252			4	0.8	3.10	50703169	
		Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252			113	252			4	0.8	9.02	50703168	
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			113	252			4	0.8	4.90	50703170
	12	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			113	252			4	0.8	7.30	50703171	
	560	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252			193	252			4	0.8	3.62	50703195
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			193	252			4	0.8	3.62	50703197
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252			193	252			4	0.8	10.54	50703196
	8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			193	252			4	0.8	5.73	50703198	
	12	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			193	252			4	0.8	8.54	50703199	
	640	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252			273	252			4	1.0	4.14	50703172
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			273	252			4	1.0	4.14	50703174
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252			273	252			4	1.0	12.04	50703173
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			273	252			4	1.0	6.55	50703175
	12	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			273	252			4	1.0	9.74	50703176	
	720	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252			353	252			4	1.0	4.66	50703421
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			353	252			4	1.0	4.66	50703422
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252			353	252			4	1.0	13.56	50703423
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			353	252			4	1.0	7.38	50703424
	12	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			353	252			4	1.0	10.98	50703425	
	800	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252			113	252	68	252	6	1.2	5.18	50703426
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			113	252	68	252	6	1.2	5.18	50703427
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252			113	252	68	252	6	1.2	15.07	50703428
		8	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			113	252	68	252	6	1.2	8.21	50703429
12	Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252			113	252	68	252	6	1.2	12.23	50703430		



Support Plate
承载托板

Ordering reference 订购说明

Pallet dimension 托盘规格(mm) B _{WT} X L _{WT}		Thickness of support plate 承载托板厚度 T(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	a	b	c	d	e	f	g	h	n	P	Weight 重量 (kg)	Ordering reference No. 承载托板订购编号	
560	560	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	193	252			193	252			4	1.0	4.22	50703401	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			193	252			4	1.0	4.22	50703403	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	193	252			193	252			4	1.0	12.31	50703402	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			193	252			4	1.0	6.70	50703404		
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			193	252			4	1.0	10.00	50703405		
	640	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	193	252			273	252			4	1.0	4.83	50703406	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			273	252			4	1.0	4.83	50703408	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	193	252			273	252			4	1.0	14.08	50703407	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			273	252			4	1.0	7.66	50703409		
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			273	252			4	1.0	11.45	50703410		
	720	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	193	252			353	252			4	1.0	5.43	50703431	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			353	252			4	1.0	5.43	50703432	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	193	252			353	252			4	1.0	15.85	50703433	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			353	252			4	1.0	8.63	50703434		
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			353	252			4	1.0	12.90	50703435		
	800	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	193	252			113	252	68	252	6	1.2	6.04	50703436	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			113	252	68	252	6	1.2	6.04	50703437	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	193	252			113	252	68	252	6	1.2	17.62	50703438	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			113	252	68	252	6	1.2	9.60	50703439		
		Aluminum alloy/铝合金	Nature anodized/本色氧化	193	252			113	252	68	252	6	1.2	14.35	50703440		
	640	640	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	273	252			273	252			4	1.0	5.52	50703177
				Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252			273	252			4	1.0	5.52	50703179
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	273	252			273	252			4	1.0	16.06	50703178
			Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252			273	252			4	1.0	8.72	50703180	
Aluminum alloy/铝合金		Nature anodized/本色氧化	273	252			273	252			4	1.0	13.02	50703181			
720		5	Aluminum alloy/铝合金	Black anodized/黑色氧化	273	252			353	252			4	1.0	6.21	50703441	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252			353	252			4	1.0	6.21	50703442	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	273	252			353	252			4	1.0	18.08	50703443	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252			353	252			4	1.0	9.83	50703444		
Aluminum alloy/铝合金		Nature anodized/本色氧化	273	252			353	252			4	1.0	14.68	50703445			
800		5	Aluminum alloy/铝合金	Black anodized/黑色氧化	273	252			113	252	68	252	6	1.2	6.90	50703446	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252			113	252	68	252	6	1.2	6.90	50703447	
	Carbon steel/碳钢		Black electrophoresis/黑色电泳	273	252			113	252	68	252	6	1.2	20.10	50703448		
	Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252			113	252	68	252	6	1.2	10.93	50703449			
Aluminum alloy/铝合金	Nature anodized/本色氧化	273	252			113	252	68	252	6	1.2	16.34	50703450				
720	720	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	353	252			353	252			4	1.2	6.99	50703451	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252			353	252			4	1.2	6.99	50703452	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	353	252			353	252			4	1.2	20.36	50703453	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252			353	252			4	1.2	11.07	50703454		
	Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252			353	252			4	1.2	16.55	50703455			
	800	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	353	252			113	252	68	252	6	1.2	7.77	50703456	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252			113	252	68	252	6	1.2	7.77	50703457	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	353	252			113	252	68	252	6	1.2	22.63	50703458	
Aluminum alloy/铝合金		Nature anodized/本色氧化	353	252			113	252	68	252	6	1.2	12.31	50703459			
Aluminum alloy/铝合金	Nature anodized/本色氧化	353	252			113	252	68	252	6	1.2	18.41	50703460				
800	800	5	Aluminum alloy/铝合金	Black anodized/黑色氧化	113	252	68	252	113	252	68	252	8	1.2	8.63	50703461	
			Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252	68	252	113	252	68	252	8	1.2	8.63	50703462	
			Carbon steel/碳钢	Black electrophoresis/黑色电泳	113	252	68	252	113	252	68	252	8	1.2	25.16	50703463	
		Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252	68	252	113	252	68	252	8	1.2	13.70	50703464		
		Aluminum alloy/铝合金	Nature anodized/本色氧化	113	252	68	252	113	252	68	252	8	1.2	20.48	50703465		



WP2/C Pallet
WP2/C 托盘

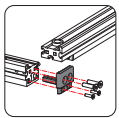
 Delivery 交货期 10-15 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询

Features/Benefits 特征

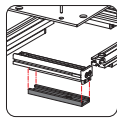
1. With high strength aluminum profiles and friction strip for stable frame.
使用高强度铝合金型材及摩擦条构造，结构可靠。
2. With positioning bushings for a positioning accuracy of ± 0.1 mm.
可使用定位销套对托盘进行定位，定位精度为 ± 0.1 mm。
3. The standard exciter plate is to matched with the proximity switch
标准感应垫片用于配合接近开关检测托盘的位置。
4. The support plate is 5 mm, 8 mm, 12 mm thickness aluminum plate or 5 mm steel plate.
承载托板采用 5 mm、8 mm、12 mm 厚铝板或 5 mm 碳钢板。
5. The friction strip is replaceable.
摩擦条可更换。
6. With full range of dimension for different requests of pallet dimensions.
托盘尺寸可实现连续性，根据客户需求制作不同尺寸的托盘。

Supply mode 供货方式

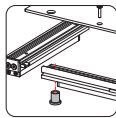
1. Supply in set(Equipped).
整套供货(已装配)。
2. Supply in pcs
零件供货



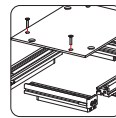
Cap
扣盖



Friction strip
摩擦条



Positioning bushing
定位销套



Connector
连接件

Ordering Reference for non-standard pallet 非标托盘订购说明

WP2/C - B_{WT} - L_{WT} - A - T - SR



Example
订购范例

WP2/C-350-400-A-5-SR

WP2/C pallet - pallet width 350 mm - pallet length 400 mm - type A pallet(black anodized support plate with positioning bushings) - Thickness of support plate 5 mm - SR(special requirement)

WP2/C 托盘-托盘宽度 350 mm-托盘长度 400 mm-A型托盘(铝合金托板含定位销套-托盘为黑色)-承载托板厚度为 5 mm-SR(特殊要求)

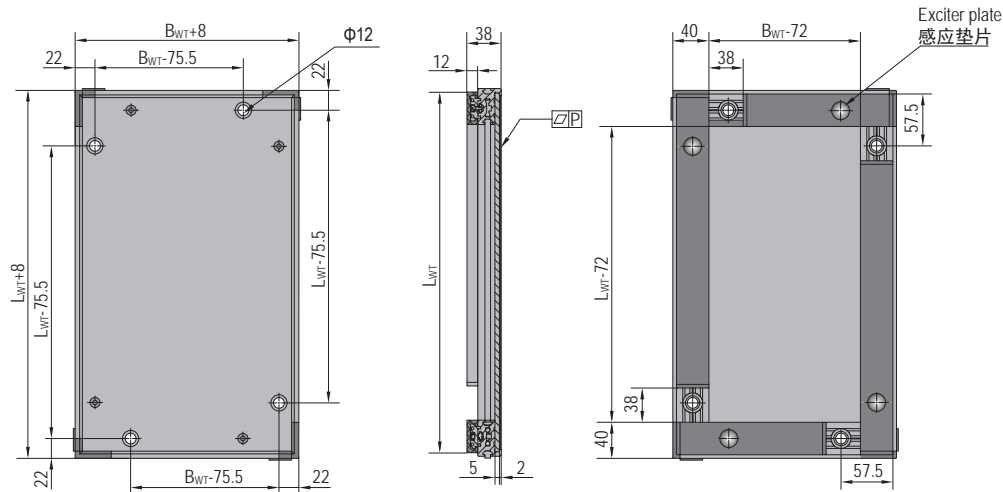
Note:
说明:

- ▶ Used with pallet conveyor with toothed belt, base belt or accumulation roller chain etc.
配合齿形带、片基带和堆积滚子链等托盘输送机使用
- ▶ Please contact us for special requirement on the pallet size or support plate thickness.
如对托盘尺寸及托板厚度有特殊要求, 请来电咨询!



WP2/C Pallet
 WP2/C 托盘

Ordering reference for standard pallet 标准托盘订购说明

 Including positioning bushing
 含定位销套


B_{WT} (mm)	L_{WT} (mm)	Thickness of support plate T 承载托板厚度T(mm)	Flatness P 平面度P(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Weight 托盘重量(kg)	Part No. 订购编号	
160	160	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	1.61	50701201	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	1.61	50701203	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	2.25	50701202	
	240	240	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	2.14	50701204
					Aluminum alloy/铝合金	Nature anodized/本色氧化	2.14	50701206
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	3.10	50701205
		320	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	2.65	50701207
					Aluminum alloy/铝合金	Nature anodized/本色氧化	2.65	50701209
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	3.93	50701208
240	240	5	0.3	Aluminum alloy/铝合金	Black anodized/黑色氧化	2.75	50701210	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	2.75	50701212	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	4.20	50701211	
	320	5	0.5	Aluminum alloy/铝合金	Black anodized/黑色氧化	3.35	50701213	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.35	50701215	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	5.28	50701214	
	400	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	3.96	50701216	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	3.96	50701218	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	6.38	50701217	
		480	8	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.22	50701243
					Aluminum alloy/铝合金	Black anodized/黑色氧化	4.58	50701219
					Aluminum alloy/铝合金	Nature anodized/本色氧化	4.58	50701221
	320	320	5	0.5	Aluminum alloy/铝合金	Black anodized/黑色氧化	4.03	50701222
					Aluminum alloy/铝合金	Nature anodized/本色氧化	4.03	50701224
					Carbon steel/碳钢	Black electrophoresis/黑色电泳	6.61	50701223
400		8	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.38	50701245	
				Aluminum alloy/铝合金	Black anodized/黑色氧化	4.73	50701225	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	4.73	50701227	
		8	0.6	Carbon steel/碳钢	Black electrophoresis/黑色电泳	7.96	50701226	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.50	50701246	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	7.50	50701246	

WP2/C Pallet
 WP2/C 托盘

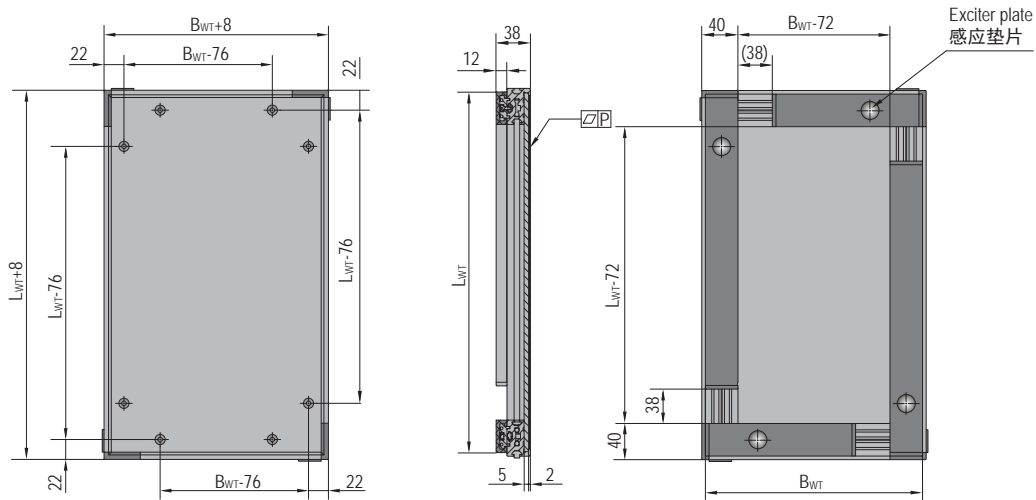
Ordering reference for standard pallet 标准托盘订购说明

B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度T(mm)	Flatness P 平面度P(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	Weight 托盘重量(kg)	Part No. 订购编号	
320	480	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.43	50701228	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.43	50701230	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	9.31	50701229	
		8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.64	50701247	
		12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	12.96	50701252	
400	400	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	5.52	50701231	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	5.52	50701233	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	9.56	50701232	
		8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.96	50701248	
	12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	13.44	50701253		
	480	5	0.6	Aluminum alloy/铝合金	Black anodized/黑色氧化	6.31	50701234	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	6.39	50701236	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	11.16	50701235	
			8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	10.22	50701249
	12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	15.34	50701254		
	480	480	5	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	7.18	50701237
					Aluminum alloy/铝合金	Nature anodized/本色氧化	7.18	50701239
Carbon steel/碳钢					Black electrophoresis/黑色电泳	13.01	50701238	
8			0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.65	50701250	
12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	17.47	50701255			
640	640	5	0.8	Aluminum alloy/铝合金	Black anodized/黑色氧化	10.95	50701240	
				Aluminum alloy/铝合金	Nature anodized/本色氧化	10.95	50701242	
				Carbon steel/碳钢	Black electrophoresis/黑色电泳	21.33	50701241	
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	15.54	50701251	
12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	23.30	50701256			


 No production drawings
 不提供加工图纸


WP2/C Pallet
 WP2/C 托盘

Ordering reference for standard pallet 标准托盘订购说明

 Excluding positioning bushing
 不含定位销套


B _{WT} (mm)	L _{WT} (mm)	Thickness of support plate T 承载托板厚度T(mm)	Flatness P 平面度P(mm)	Material of support plate 承载托板材质	Surface treatment of support plate 承载托板表面处理	weight 托盘重量(kg)	Part No. 订购编号	
160	160	5	0.3	Aluminum alloy/铝合金	Nature anodized/本色氧化	1.49	50701301	
	240			Aluminum alloy/铝合金	Nature anodized/本色氧化	1.92	50701302	
	320			Aluminum alloy/铝合金	Nature anodized/本色氧化	2.02	50701303	
240	240	5	0.3	Aluminum alloy/铝合金	Nature anodized/本色氧化	2.53	50701304	
	320		0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.23	50701305	
	400	400	5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.84	50701306
			8	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.10	50701315
		480	5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.46	50701307
			8	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.34	50701316
320	320	5	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	3.91	50701308	
		8	0.5	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.26	50701317	
		5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	4.61	50701309	
	400	400	8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.38	50701318
			5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.31	50701310
			8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.52	50701319
		480	12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	12.84	50701324
			5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	5.40	50701311
			8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	8.84	50701320
400	400	12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	13.32	50701325	
		5	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	6.19	50701312	
		8	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	10.10	50701321	
	480	12	0.6	Aluminum alloy/铝合金	Nature anodized/本色氧化	15.22	50701326	
		5	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	7.06	50701313	
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	11.53	50701322	
480	480	12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	17.35	50701327	
		5	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	10.83	50701314	
		8	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	15.42	50701323	
640	640	12	0.8	Aluminum alloy/铝合金	Nature anodized/本色氧化	23.18	50701328	


 No production drawings
 不提供加工图纸

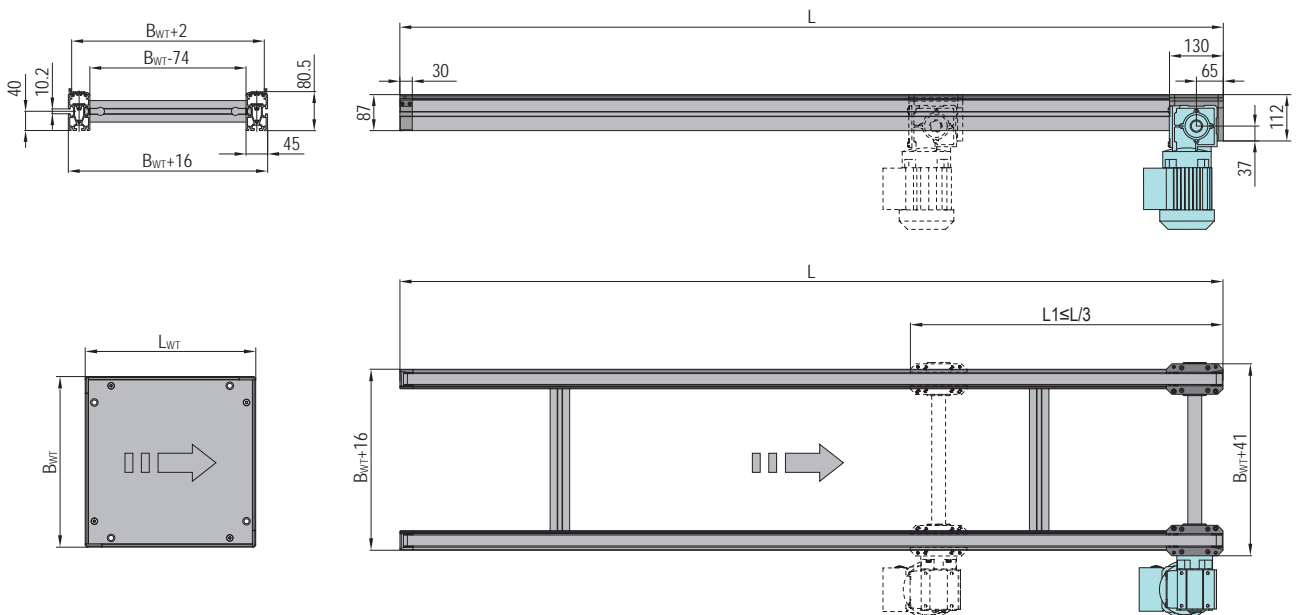
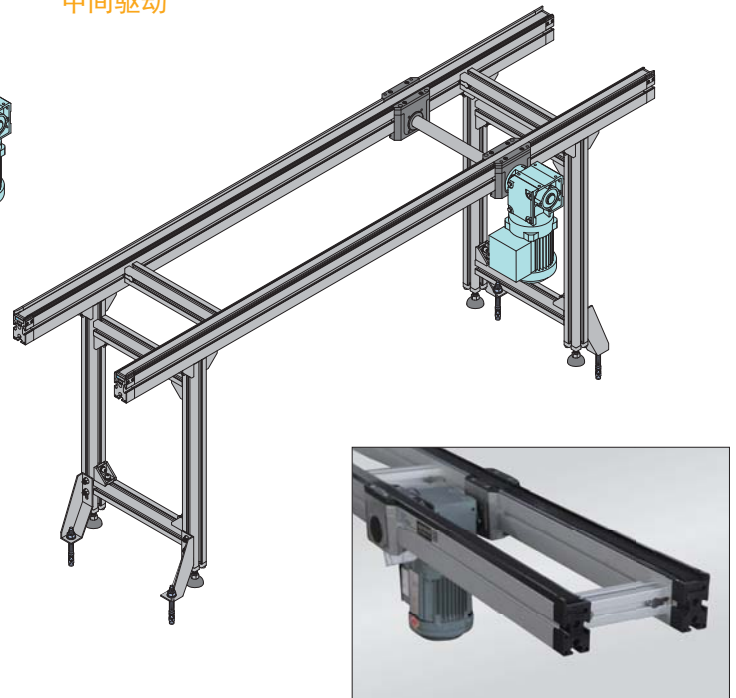
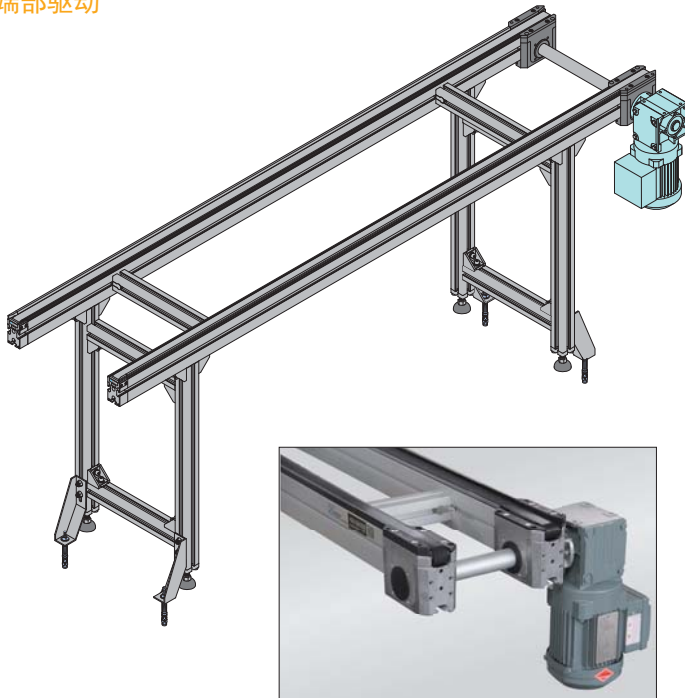
PTS1 Pallet Conveyor (End Drive/Center Drive)
PTS1 托盘输送机 (端部驱动/中间驱动)





 Delivery 15 Workday
交货期 15 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

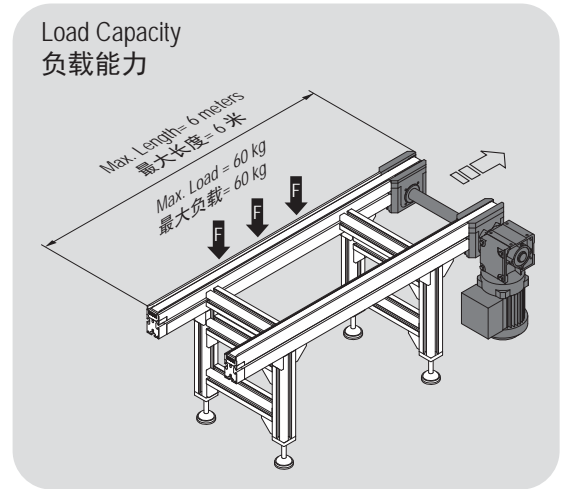


-  To be used only with Modular pallet for now. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.
目前只配合 Modular 的托盘使用，其它厂家或客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
-  Workpiece pallets 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。
-  The length of conveyor body should be multiple of five.
线体长度必须为 5 的倍数。



Specifications 规格配置

Conveyor Length 线体长度	$400 \leq L \leq 6000$ mm
Pallet Width 托盘宽度	$160 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	60 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 20 m/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



Unit Load Capacity ≤ 1 kg/cm.
线体单位承载能力 ≤ 1 kg/cm.

Features/Benefits 特征

1. Modular design, part production in mold, easy to assemble and maintenance.
模块化设计，模具化部件，维护方便。
2. Due to its modular components, it can be adapted to suit specific production conditions and in conjunction with specific units including rotate unit, curve, lift and transverse unit and lift unit.
易于实现积放输送，配合转台、圆带转弯、顶升横移及升降机构使用，实现柔性自动化循环控制。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。
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

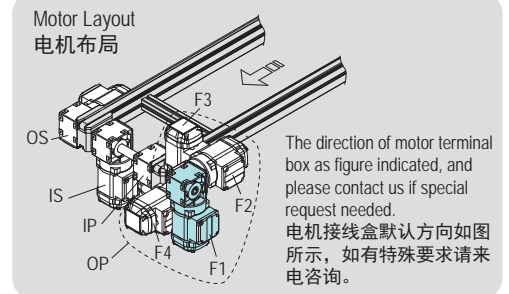
PTS1---M---V---B _{WT} ---L---H---N---OP---F1---E---SR	Special Requirement 特殊要求
	Drive Position (E = End Drive / C = Center Drive) 驱动位置 (E = 端部驱动 / C = 中间驱动)
	Motor Direction (as figure) 电机方向 (如图所示)
	Motor Position (as figure) 电机位置 (如图所示)
	Number of Stand Support (Spacing of stand supports 1000 mm - 2000 mm) 支腿数量 (支腿间距 1000 mm - 2000 mm 之间)
	Transport Height (minimum height is not less than 240 mm and 0 refers to no support stand) 输送面水平高度 (最小高度不小于 240 mm, 当数值为 0 表示不含支腿单元)
	Conveyor Length 线体长度
	Pallet Width 托盘宽度
	Conveyor Speed (2 - 20 m/min, recommended speed 8 - 16 m/min) 托盘运行速度 (2 - 20 m/min, 推荐作业速度 8 - 16 m/min)
	Full Load 满载负载

Example 订货范例:

PTS1---M30---V16---B_{WT}160---L2000---H800---N2---OP---F1---C300

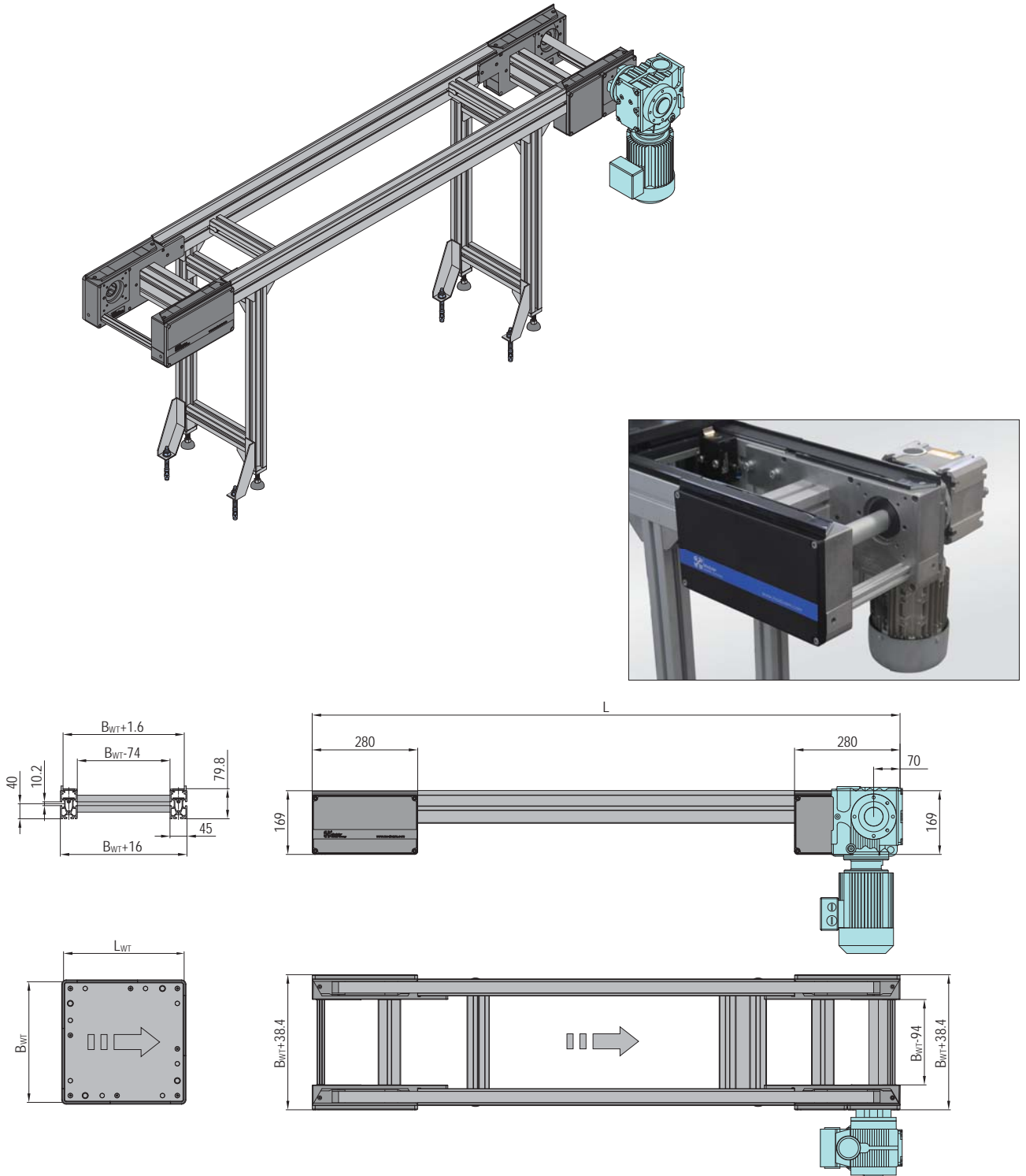
PTS1 pallet conveyor---full load 30 kg---conveyor speed 16 m/min---pallet width 160 mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports---motor position OP---motor direction F1---center drive, L1=300.

PTS1 托盘输送机---满载负载 30 kg---托盘运行速度 16 m/min---托盘宽度 160 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---中间驱动, L1 值为 300 mm




PTS1/H Pallet Conveyor
PTS1/H 托盘输送机

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



 To be used only with Modular pallet for now. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.

目前只配合 Modular 的托盘使用，其它厂家或客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！

 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

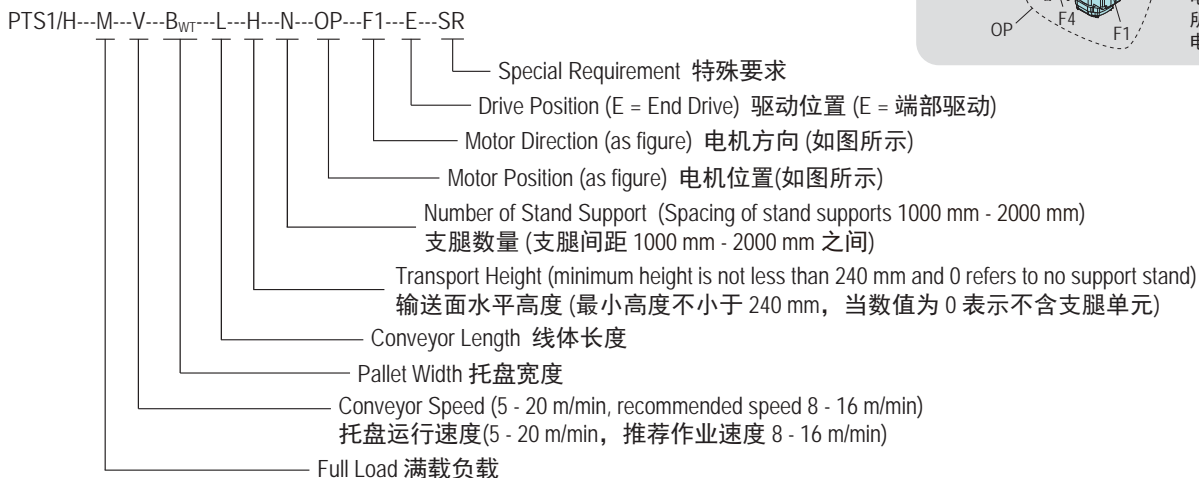
Conveyor Length 线体长度	$1200 \leq L \leq 12000$ mm
Pallet Width 托盘宽度	$160 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	150 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 20 m/min
Drive Model 驱动方式	Direct 直接驱动
Conveying Medium 传输介质	Nylon base belt 尼龙片基带

Features/Benefits 特征

1. Modular design, part production in mold, easy to assemble and maintenance.
模块化设计，模具化部件，维护方便。
2. Due to its modular components, it can be adapted to suit specific production conditions and in conjunction with specific units including rotate unit, curve, lift and transverse unit and lift unit.
易于实现积放输送，配合转台、圆带转弯、顶升横移及升降机构使用，实现柔性自动化循环控制。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。
4. Conveying medium is antistatic nylon base belt.
传输介质为防静电型尼龙片基带。

Industries Served 应用

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

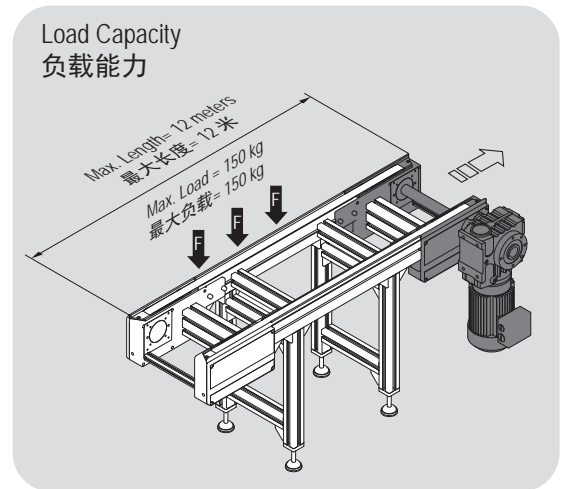
Ordering Reference 订购


Example 订货范例:

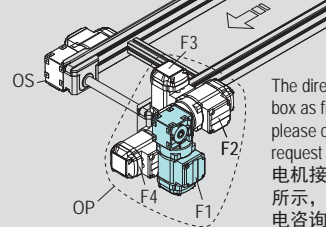
PTS1/H---M30---V16---B_{WT}160---L2000---H800---N2---OP---F1---E

PTS1/H pallet conveyor---full load 30 kg---conveyor speed 16 m/min---pallet width 160 mm---conveyor length 2000 mm---transport height 800 mm---2 sets of stand supports---motor position OP---motor direction F1---end drive.

PTS1/H 托盘输送机---满载负载 30 kg---托盘运行速度 16 m/min---托盘宽度 160 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---端部驱动



Unit Load Capacity ≤ 1 kg/cm.
线体单位承载能力 ≤ 1 kg/cm.

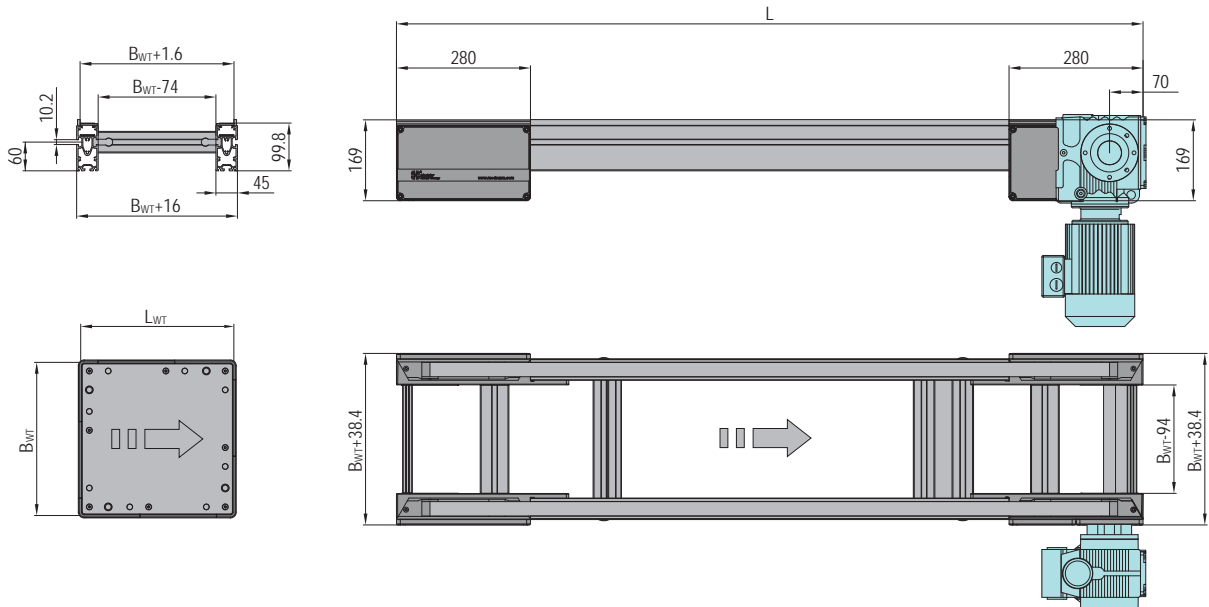
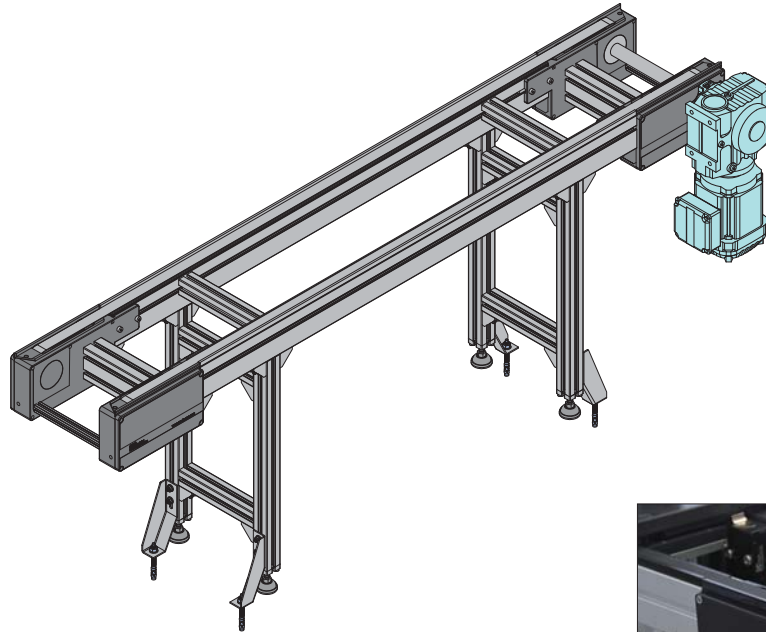
Motor Layout 电机布局


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



PTS1/HS Pallet Conveyor
PTS1/HS 托盘输送机

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



! To be used only with Modular pallet for now. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.

目前只配合 Modular 的托盘使用，其它厂家或客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！

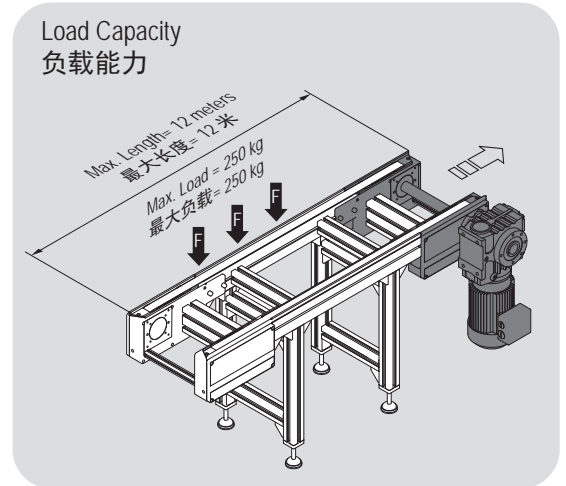
! Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden.

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	$1200 \leq L \leq 12000$ mm
Pallet Width 托盘宽度	$160 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	250 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 20 m/min
Drive Model 驱动方式	Direct 直接驱动
Conveying Medium 传输介质	Nylon base belt 尼龙片基带



⚠ Unit Load Capacity ≤ 1 kg/cm.
 线体单位承载能力 ≤ 1 kg/cm。

Features/Benefits 特征

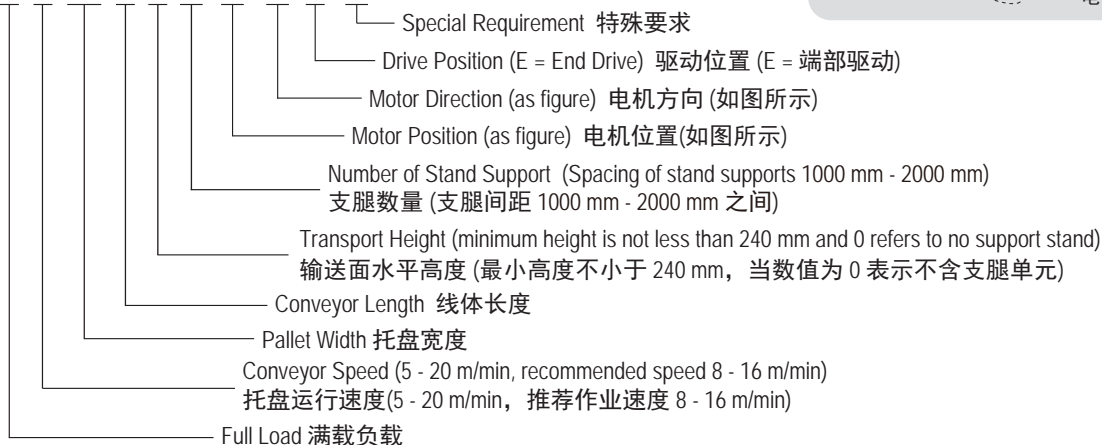
1. Modular design, part production in mold, easy to assemble and maintenance.
 模块化设计，模具化部件，维护方便。
2. Due to its modular components, it can be adapted to suit specific production conditions and in conjunction with specific units including rotate unit, curve, lift and transverse unit and lift unit.
 易于实现积放输送，配合转台、圆带转弯、顶升横移及升降机构使用，实现柔性自动化循环控制。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。
4. Conveying medium is antistatic nylon base belt.
 传输介质为防静电型尼龙片基带。

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/HS---M---V---B_{WT}---L---H---N---OP---F1---E---SR

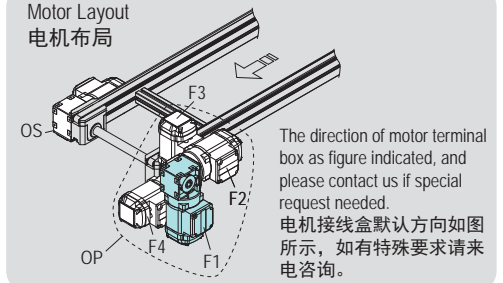


Example 订货范例:

PTS1/HS---M200---V16---B_{WT}160---L2000---H800---N2---OP---F1---E

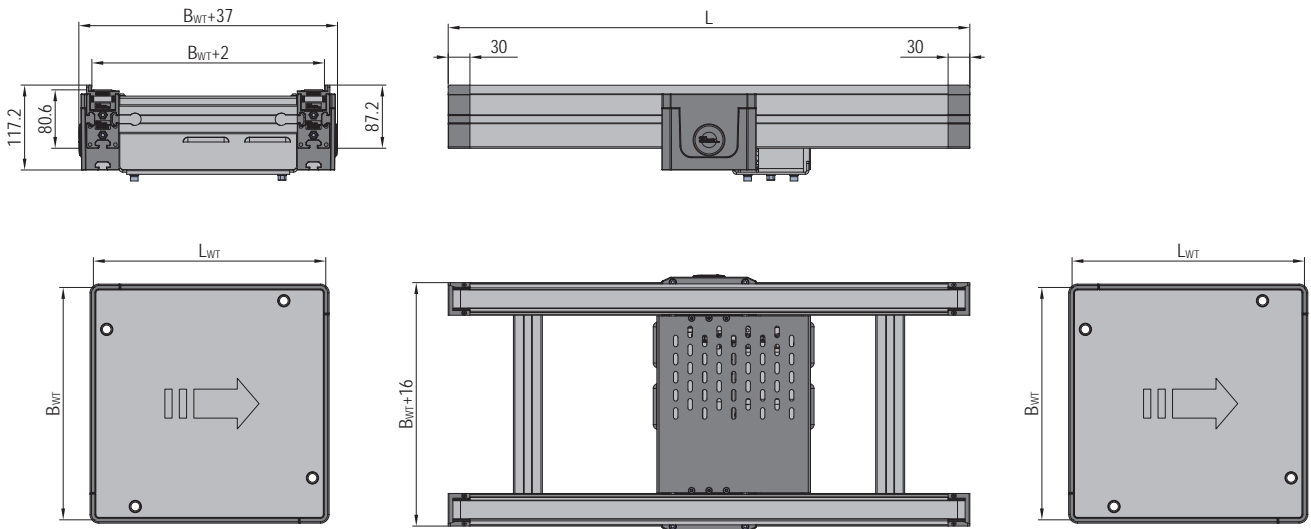
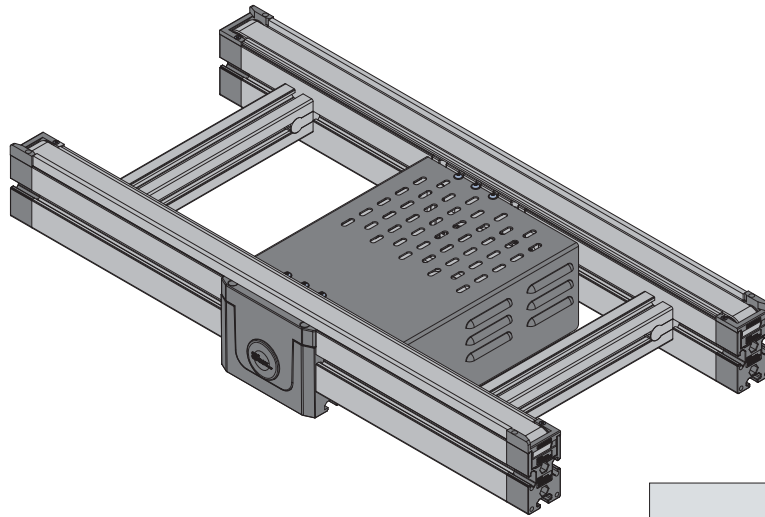
PTS1/HS pallet conveyor---full load 200 kg---conveyor speed 16 m/min---pallet width 160 mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports---motor position OP---motor direction F1---end drive




PTS1/HS 托盘输送机---满载负载 200 kg---托盘运行速度 16 m/min---托盘宽度 160 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---端部驱动

Motor Layout 电机布局


PTS1/MS Pallet Conveyor
PTS1/MS 托盘输送机

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

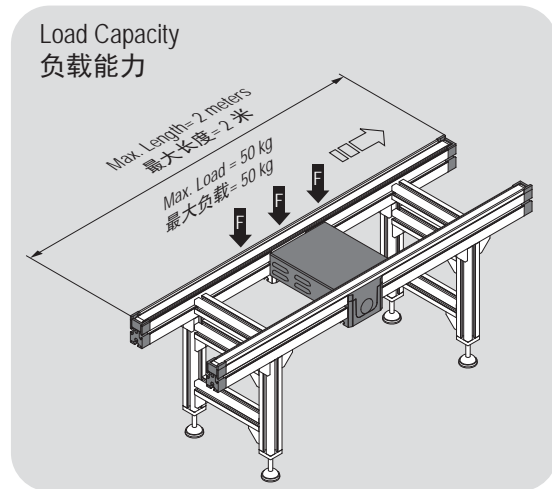


-  To be used only with Modular pallet for now. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.
 目前只配合Modular的托盘使用，其它厂家或客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
-  Could be conveyed in reverse direction with total load capacity 50 kg max.
 可反向运行，满载负载 ≤ 50 kg。
-  The length of conveyor body should be multiple of five.
 线体长度必须为 5 的倍数。



Specifications 规格配置

Conveyor Length 线体长度	$190 \leq L \leq 2000 \text{ mm}$
Pallet Width 托盘宽度	$160 \leq B_{WT} \leq 640 \text{ mm}$
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	50 kg
Max. Conveyor Speed 最大满载运行速度	$V \text{ max.} = 20 \text{ m/min}$
Drive Model 驱动方式	Indirect 间接驱动
Conveying Medium 传输介质	Special toothed belt 专用齿形带



Unit Load Capacity $\leq 1 \text{ kg/cm}$.
 线体单位承载能力 $\leq 1 \text{ kg/cm}$.

Features/Benefits 特征

1. Modular design, part production in mold, easy to assemble and maintenance.
模块化设计，模具化部件，维护方便。
2. PTS1/MS conveyor could be used in conjunction with lift and transverse unit, rotate unit and lift unit etc.
PTS1/MS 输送机可配合顶升横移、转台及升降机构使用。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。
4. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。
5. To work with WP2/S, WP2/E or WP2/C.
可与 WP2/S、WP2/E、WP2/C 托盘配合使用。

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/MS---M---V---B_{WT}---L---H---N---SR



Example 订货范例:

PTS1/MS---M30---V16---B_{WT}160---L2000---H800---N2

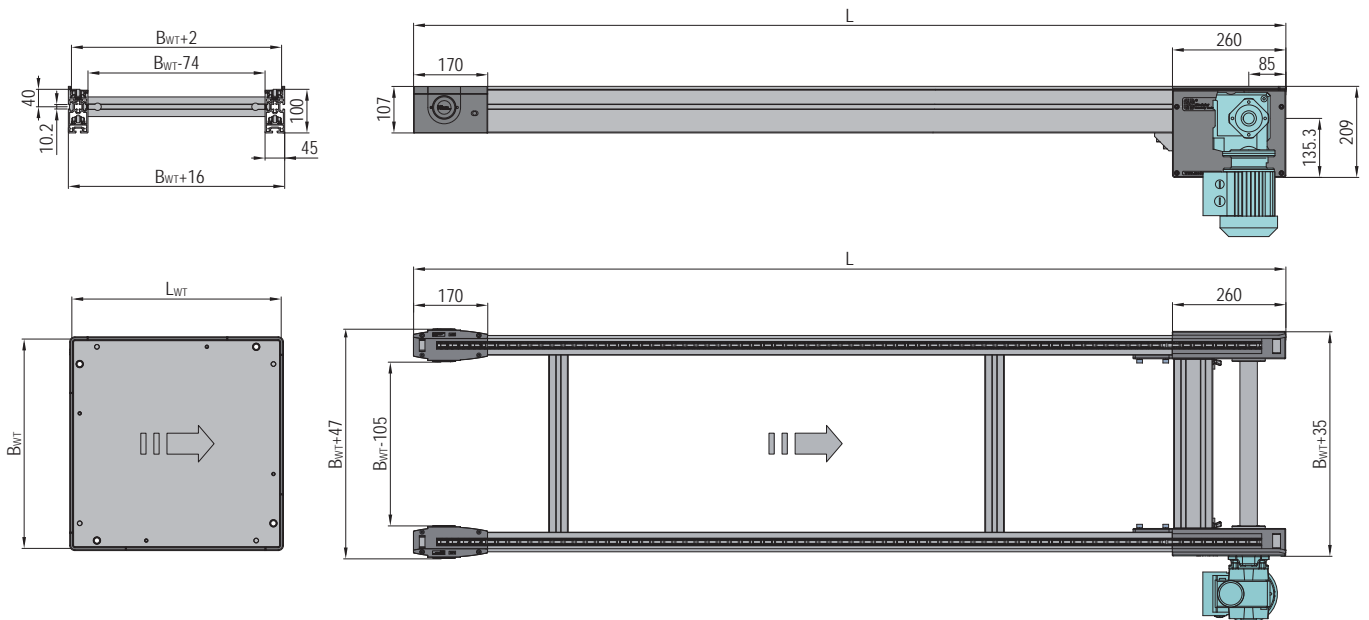
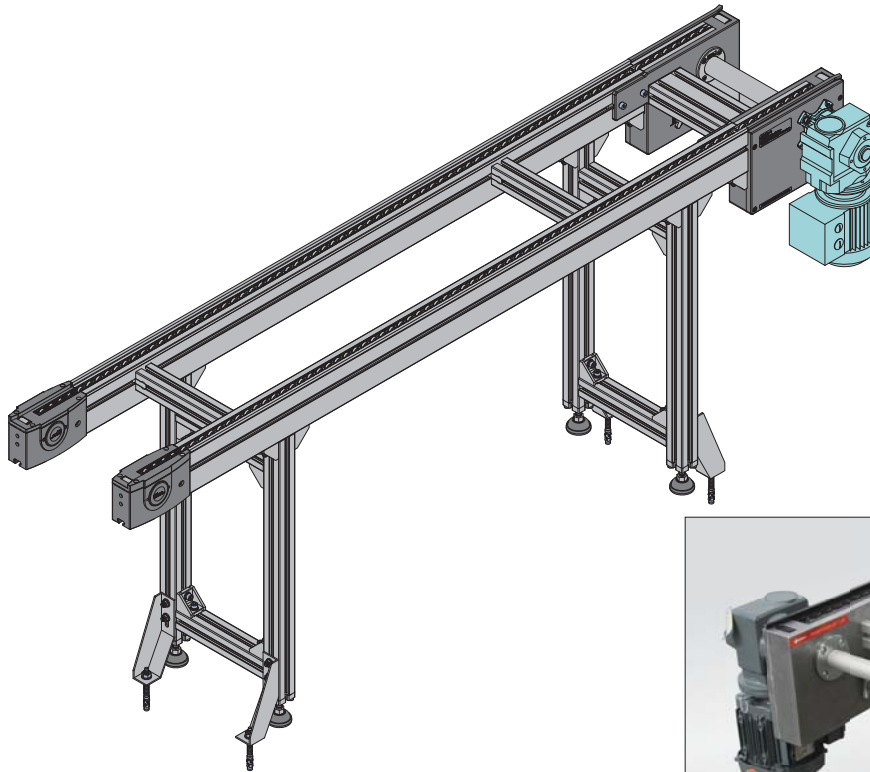
PTS1/MS pallet conveyor---full load 30 kg---conveyor speed 16 m/min---pallet width 160mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports

PTS1/MS 托盘输送机---满载负载 30 kg---托盘运行速度 16 m/min---托盘宽度 160 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组




PTS2 Pallet Conveyor
PTS2 托盘输送机

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



 To be used only with Modular pallet for now. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.

目前只配合 Modular 的托盘使用，其它厂家或客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！

 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	$600 \leq L \leq 12000$ mm
Pallet Width 托盘宽度	$160 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	OP, OS = 2200 kg IP, IS = 800 kg
Max. Conveyor Speed 最大满载运行速度	$V_{max.} = 20$ m/min ¹⁾
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

¹⁾ When $V \geq 18$ m/min, the max. load capacity will decrease to 1800 kg

¹⁾ 当 $V \geq 18$ m/min, 最大负载降低到 1800 kg

Features/Benefits 特征

1. Modular design, part production in mold, easy to assemble and maintenance. For middle and big load conveying.
模块化设计, 模具化部件, 维护方便, 输送能力较大, 适用于中度负载。
2. Due to its modular components, it can be adapted to suit specific production conditions and in conjunction with specific units including rotate unit, curve, lift and transverse unit and lift unit.
易于实现积放输送, 配合转台、圆带转弯、顶升横移及升降机构使用, 实现柔性自动化循环控制。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。

Industries Served 应用

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

Ordering Reference 订购

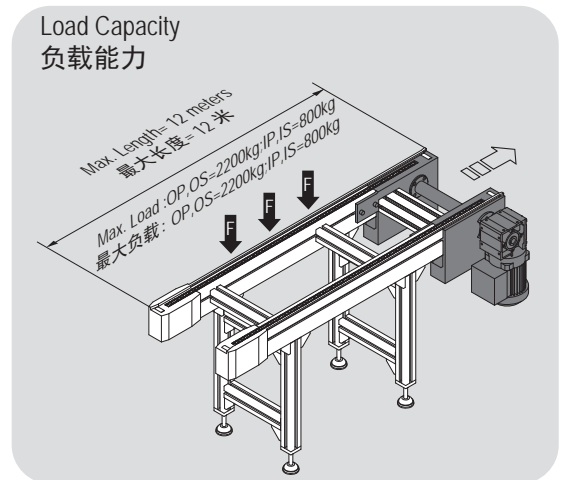
PTS2---M---V---B_{WT}---L---H---N---OP---F1---C1---A0---SR

- Special Requirement 特殊要求
- Chain Accessory (A0 without chain cover / A1 with chain cover)
链条附件 (A0 不带防护盖 / A1 链条加防护盖)
- Chain Type (C1 steel chain / C2 nylon wheel chain / C3 nickel plated steel chain / C4 Stainless steel chain)
链条种类 (C1 钢质轮链条 / C2 尼龙轮链条 / C3 钢质镀镍链条 / C4 不锈钢链条)
- Motor Direction (as figure) 电机方向 (如图所示)
- Motor Position (as figure) 电机位置 (如图所示)
- Number of Stand Support (Spacing of stand supports 1000 mm - 2000 mm)
支腿数量 (支腿间距 1000 mm - 2000 mm 之间)
- Transport Height (minimum height is not less than 260 mm and 0 refers to no support stand)
输送面水平高度 (最小高度不小于 260 mm, 当数值为 0 表示不含支腿单元)
- Conveyor Length 线体长度
- Pallet Width 托盘宽度
- Conveyor Speed (2-20m/min, recommended speed 8-16m/min) 托盘运行速度(2-20m/min, 推荐作业速度8-16m/min)
- Full Load 满载负载

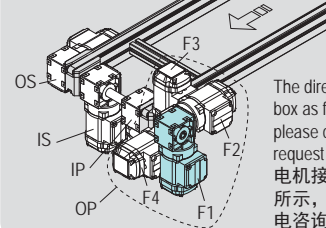
Example 订货范例:

PTS2---M300---V16---B_{WT}160---L2000---H800---N2---OP---F1---C1---A0

PTS2 pallet conveyor---full load 300 kg---conveyor speed 16 m/min---pallet width 160 mm---conveyor length 2000 mm---transport height 800 mm---2 sets of stand supports---motor position OP---motor direction F1---steel chain---without chain cover
PTS2 托盘输送机---满载负载 300 kg---托盘运行速度 16 m/min---托盘宽度 160 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---钢质轮链条---不带防护盖



Unit Load Capacity ≤ 2.0 kg/cm
线体单位承载能力 ≤ 2.0 kg/cm

Motor Layout 电机布局


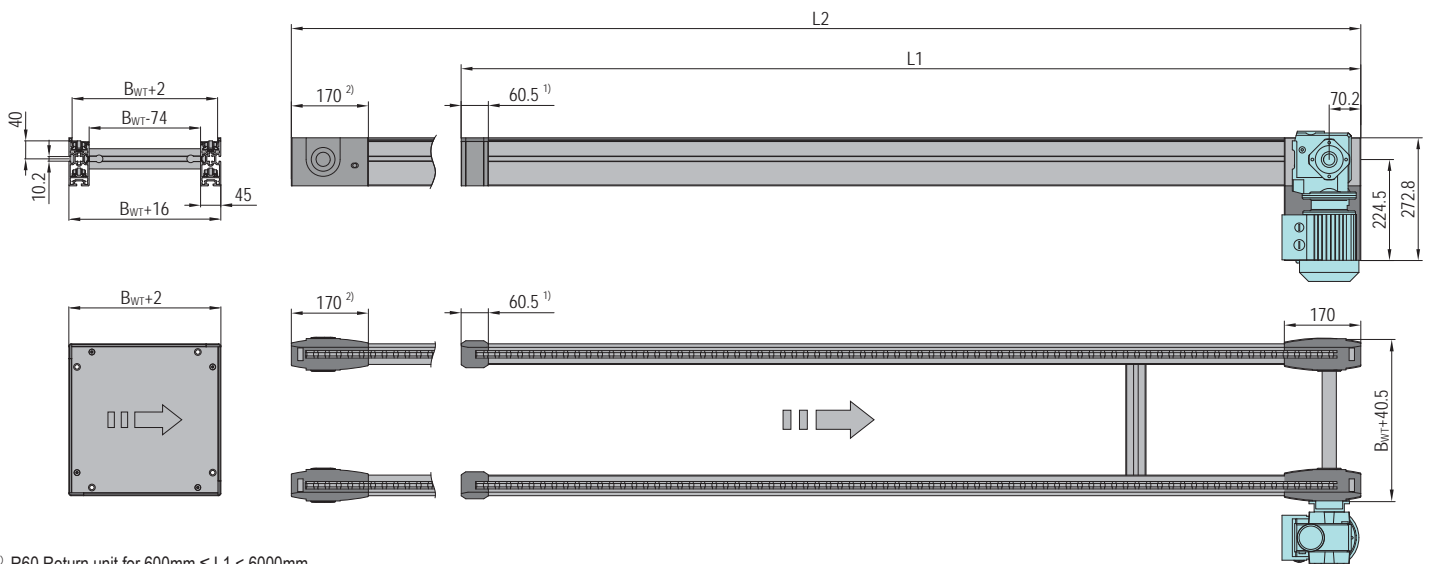
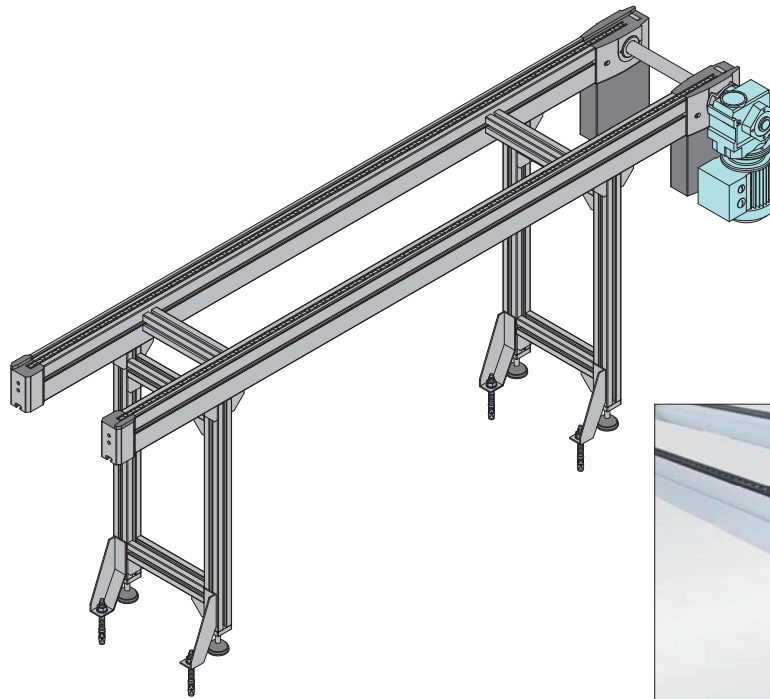
The direction of motor terminal box as figure indicated, and please contact us if special request needed.
电机接线盒默认方向如图所示, 如有特殊要求请来电话咨询。



PTS2/L Pallet Conveyor
PTS2/L 托盘输送机

 Delivery 15 Workday
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¹⁾ R60 Return unit for 600mm ≤ L1 < 6000mm
600 ≤ L1 < 6000 mm时, 为 R60 回程尾单元

²⁾ R170 Return unit for 6000mm ≤ L1 < 12000mm
6000 ≤ L2 < 12000 mm时, 为 R170 回程尾单元

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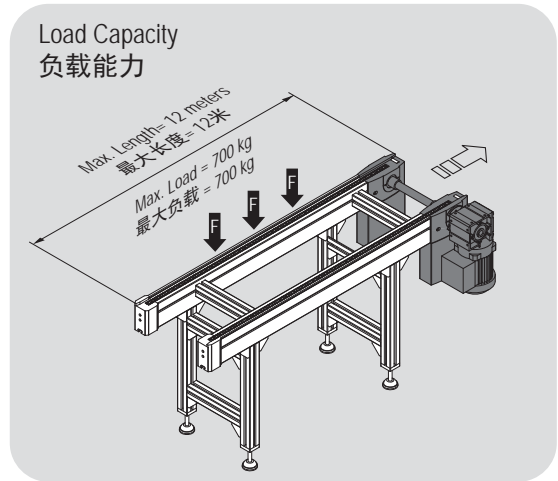
 Workpiece pallets should be conveyed toward a drive unit, reversible operation is forbidden.
必须按照图示方向输送托盘, 禁止反向输送。

 It could be conveyed in forward and reverse direction with customized drive unit when the length is 2000 mm max and load capacity 300 kg max.
长度 ≤ 2000 mm, 负载 ≤ 300 kg 时, 可定制驱动单元满足正反向运行。



Specifications 规格配置

Conveyor Length 线体长度	600 ≤ L ≤ 12000 mm
Pallet Width 托盘宽度	160 ≤ B _{WT} ≤ 1200 mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	700 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 20 m/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



Unit Load Capacity: ≤ 2.0 kg/cm (Steel chain)
≤ 1.5 kg/cm (Nylon wheel chain)
线体单位承载能力: ≤ 2.0 kg/cm (钢质轮链条)
≤ 1.5 kg/cm (尼龙轮链条)

Features/Benefits 特征

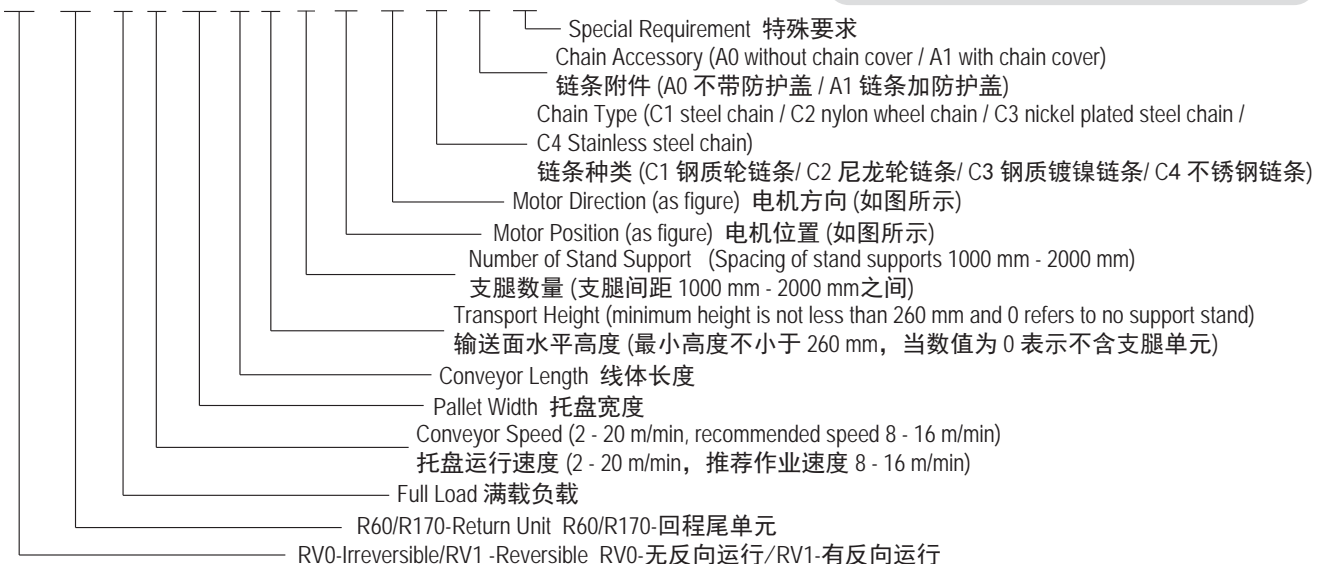
1. Modular design, part production in mold, easy to assemble and maintenance. For middle and big load conveying.
模块化设计, 模块化部件, 维护方便, 输送能力较大, 适用于中度负载。
2. Due to its modular components, it can be adapted to suit specific production conditions and in conjunction with specific units including rotate unit, curve, lift and transverse unit and lift unit.
易于实现积放输送, 配合转台、圆带转弯、顶升横移及升降机构使用, 实现柔性自动化循环控制。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。

Industries Served 应用

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

Ordering Reference 订购

PTS2/L---RV0---R60---M---V---B_{WT}---L---H---N---OP---F1---C1---A0---SR



PTS2/L---RV0---R60---M300---V16---B_{WT}320---L2000---H800---N2---OP---F1---C1---A0

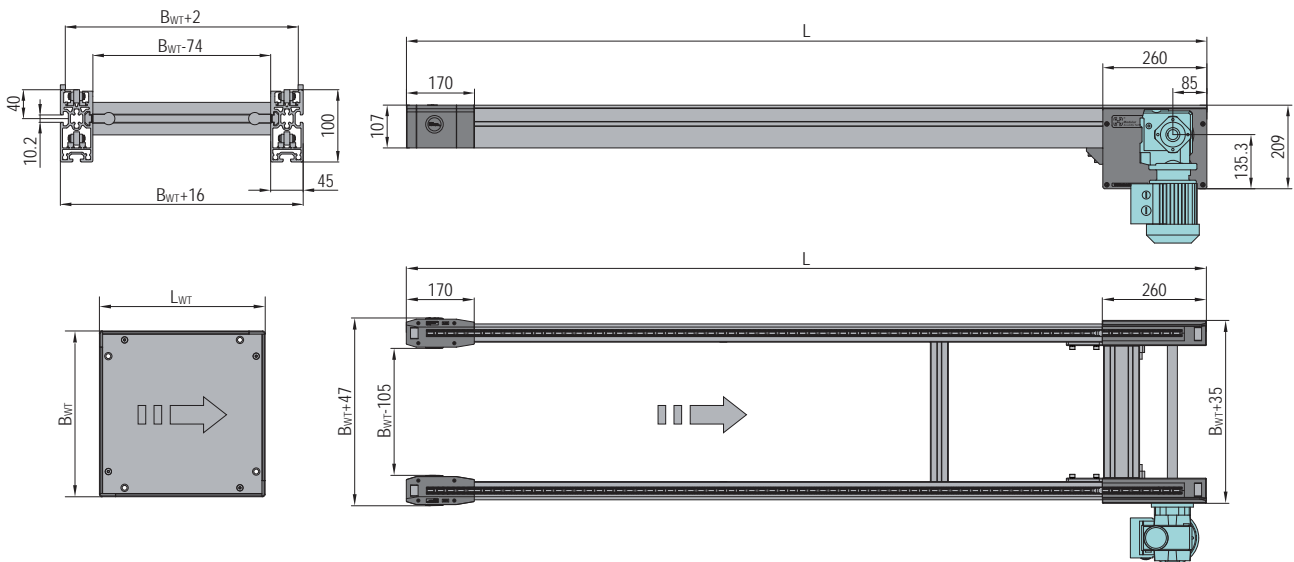
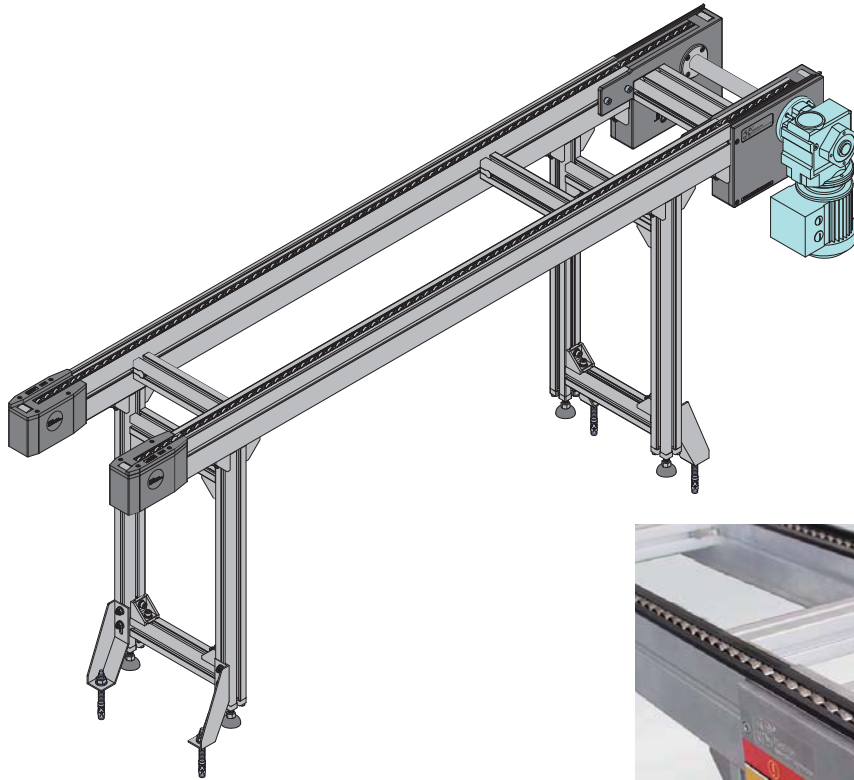
PTS2/L pallet conveyor---irreversible---return unit---full load 300 kg---conveyor speed 16 m/min---pallet width 160mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports---motor position OP---motor direction F1---steel chain---without chain cover




PTS2/L 托盘输送机---无反向运行---R60回程尾单元---满载负载 300 kg---托盘运行速度 16 m/min---托盘宽度 320 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---钢质轮链条---不带防护盖



PTS2/D 2.5BS Chain Pallet Conveyor
PTS2/D 2.5 倍速链托盘输送机

 Delivery 15 Workday
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-  The theoretical maximum conveying speed of the pallet is 2.5 times of the rated conveying speed of the chain is the value (it depends on the load capacity, chain wearing, lubrication and length of the acceleration section.)
 托盘理论运行速度最大值是链条额定运行速度的 2.5 倍，实际运行速度取决于负载重量、加速段长度、链条损耗情况和润滑情况。
-  To be used only with Modular pallet for now. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.
 目前只配合 Modular 的托盘使用，其它厂家或客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
-  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	$600 \leq L \leq 12000$ mm
Pallet Width 托盘宽度	$160 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	OP, OS = 1800 kg (Steel chain/钢质轮链条) OP, OS = 1000 kg (Nylon chain/尼龙轮链条) IP, IS = 800 kg
Max. Conveyor Speed 最大满载运行速度	$V_N \text{ max.} = 20$ m/min ¹⁾
Drive Model 驱动方式	Direct 直接驱动
Conveying Medium 传输介质	2.5BS Accumulation Chain 2.5 倍面积放链条

¹⁾The rated conveying speed of the chain is the value of V_N . When the V_N is more than 9 m/min, the max load capacity will be decreased to 1500 kg. The effect brought out by high dynamic load shall be considered. Pneumatic damper and pneumatic damping stop are selected according to pallet conveying speed. Before entering the curved line, the pallet running speed is 18 m/min max.

¹⁾ V_N 为链条的额定运行速度，当 $V_N \geq 9$ m/min，最大负载降低到 1500 kg，且必须考虑高动态负载带来的影响；缓冲器和缓冲挡停器必须按照托盘运行速度进行选择；托盘进入弯道前的运行速度最高不超过 18 m/min。

Features/Benefits 特征

- Modular design, part production in mold, easy to assemble and maintenance. For middle and big load conveying.
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, lift and transverse unit and lift unit.
易于实现积放输送，配合转台、弯道、顶升横移及升降机机构使用，实现柔性自动化循环控制。
- For the same pallet conveying speed, the low chain speed of PTS2/D will be conducive to reduce the wearing degree and the stationarity is better.
对于相同的托盘运行速度，PTS2/D 的链条运行速度较低可降低损耗且平稳性更好，工位操作完成后可以很快恢复托盘原有输送速度。
- Pallet with PE wear pad shall be used. Pneumatic damper and pneumatic damper stop are also needed for stopping the pallet.
必须使用带有聚乙烯耐磨垫的托盘，需使用缓冲器和缓冲挡停器挡停工件托盘。

Ordering Reference 订购

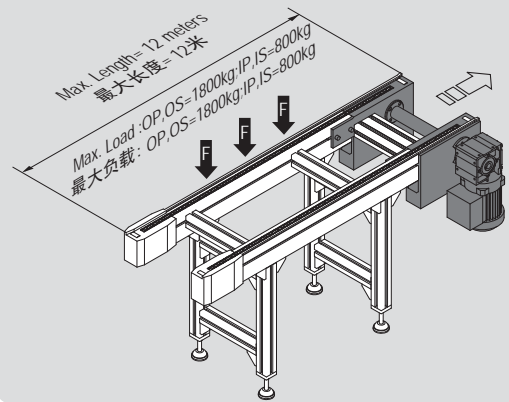
 PTS2/D---M---V_N---B_{WT}---L---H---N---OP---F1---C1---SR


Example 订货范例:

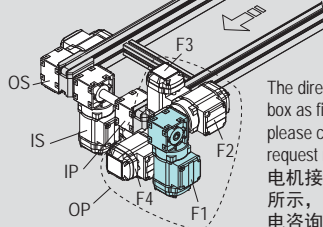
 PTS2/D---M300---V_N9---B_{WT}320---L2000---H800---N2---OP---F1---C1

PTS2/D pallet conveyor---full load 300 kg---conveyor speed 9 m/min---pallet width 320 mm---conveyor length 2000 mm---transport height 800 mm---2 sets of stand supports---motor position OP---motor direction F1---steel chain---without chain cover

PTS2/D 托盘输送机---满载负载 300 kg---链条运行速度 9 m/min---托盘宽度 320 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---钢质轮链条

Load Capacity 负载能力


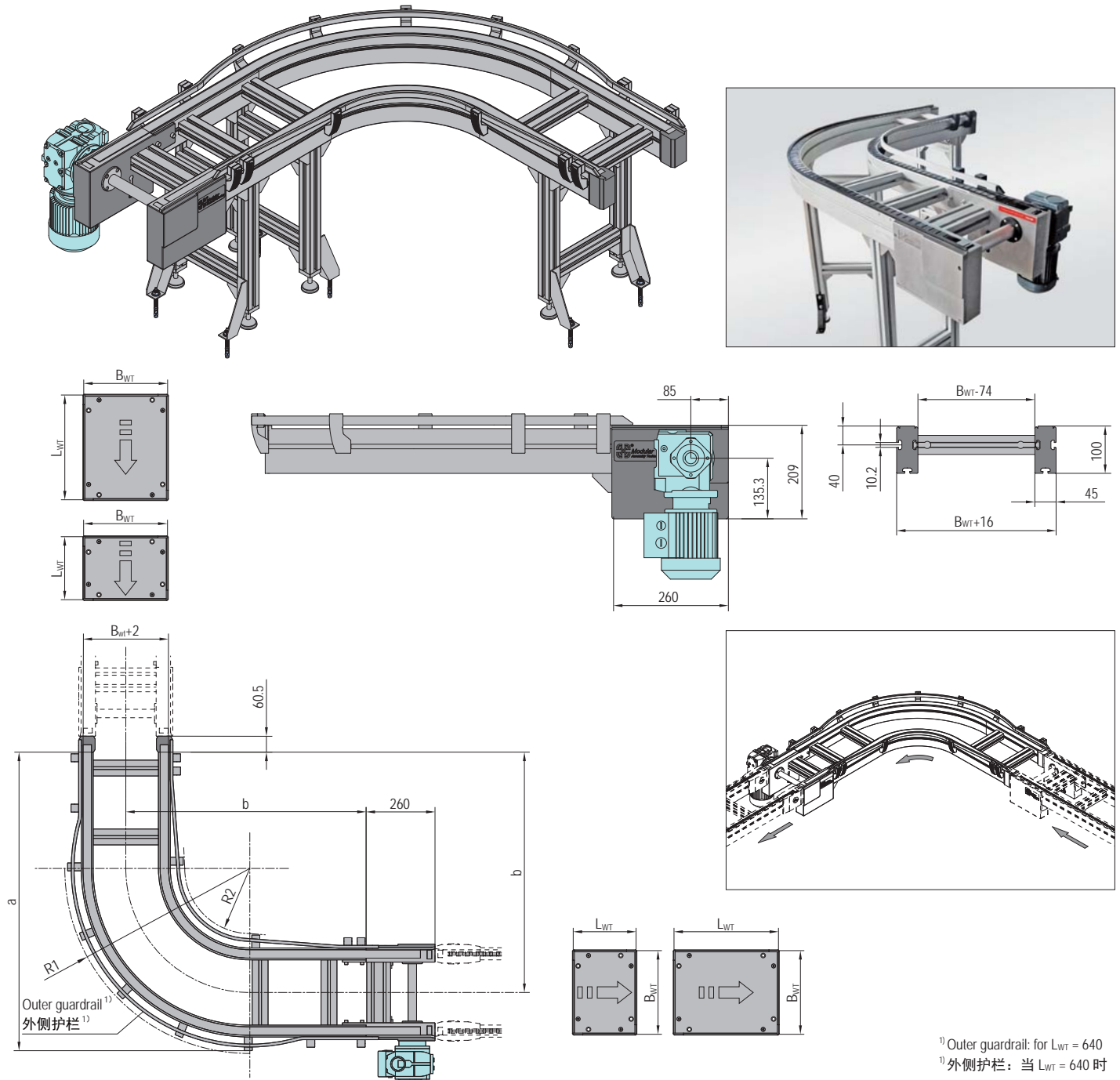
- Unit Load Capacity: ≤ 1.5 kg/cm (Steel chain), ≤ 0.8 kg/cm (Nylon chain).
线体单位承载能力: ≤ 1.5 kg/cm (钢质轮链条), ≤ 0.8 kg/cm (尼龙轮链条)。

Motor Layout 电机布局







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



PTS2/F Pallet Conveyor
PTS2/F 托盘输送机



¹⁾ Outer guardrail: for $L_{WT} = 640$
¹⁾ 外侧护栏: 当 $L_{WT} = 640$ 时

-  To be used only with Modular pallet for now. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.
配合 Modular 标准托盘使用, 其他厂家或自制的托盘需经我们确认后方可使用, 否则主线体及相关机构将无法保修!
-  It is suggested for one pallet passing each time. If accumulation transfer is required, the max. load capacity is 90 kg and unit load capacity is not more than 0.8 kg/cm.
建议每次通过单个托盘, 若连续积放使用, 最大允许负载 90 kg, 线体单位承载能力 ≤ 0.8 kg/cm.
-  To work with WP2/S or WP2/C.
可与 WP2/S or WP2/C 托盘组合。
-  AL automatic lubrication system is highly recommended for this conveyor.
对于平顶链输送机, 强烈建议使用AL自动润滑系统。
-  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

B _{WT} (mm)	L _{WT} (mm)	R1 ²⁾ (mm)	R2 ²⁾ (mm)	a ²⁾ (mm)	b (mm)
160	160	500	280	760	670
160	240	500	280	840	750
160	320	500	260	920	830
240	160	580	280	840	710
240	240	580	270	920	790
240	320	580	260	1000	870
240	400	580	250	1080	950
240	480	580	230	1160	1030
320	160	660	280	920	750
320	240	660	280	1000	830
320	320	660	270	1080	910
320	400	660	260	1160	990
320	480	660	240	1240	1070
400	240	740	280	1080	870
400	320	740	270	1160	950
400	400	740	260	1240	1030
400	480	740	250	1320	1110
400	640	780	250	1310	1040
480	320	820	270	1240	990
480	400	820	260	1320	1070
480	480	820	250	1400	1150
480	640	860	260	1370	1060
640	400	980	270	1480	1150
640	480	980	260	1560	1230
640	640	1020	270	1510	1120

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

²⁾ R1, R2, a are dimensions for reference
²⁾ R1,R2,a为参考尺寸

Features/Benefits 特征

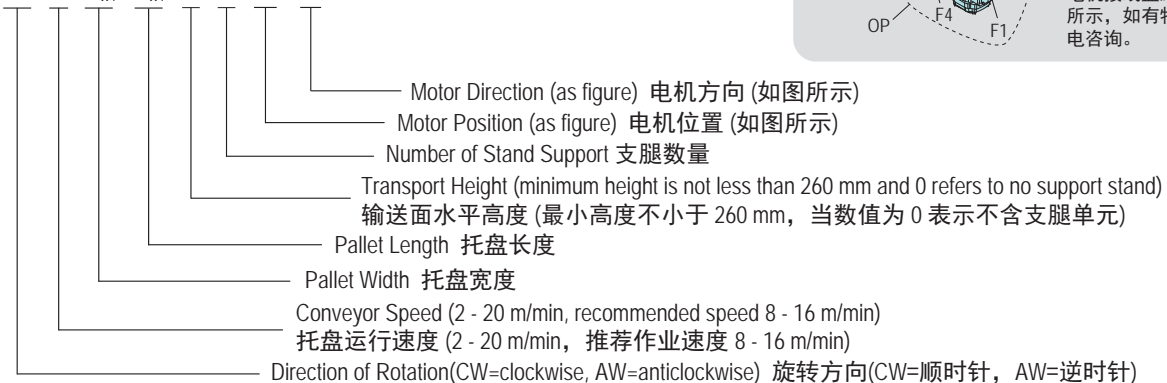
1. Modular design, part production in mold, easy to assemble and maintenance. The conveying medium is flat chain. The conveyor is suitable for 90° curve conveying of pallet.
 模块化设计，模具化部件，维护方便，输送介质为平顶链，适用于工件托盘的90°弯道输送。
2. Accumulation transfer is allowable. The max. load capacity is 90 kg. Be used with rotate unit, lift and transverse unit and lift unit etc.
 可以实现积放输送，最大允许负载 90 kg；可以配合转台、顶升横移、升降机机构使用。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket etc).
 边框为有标准槽口的高强度铝合金型材，方便安装其他附件（如传感器、支架等）。

Industries Served 应用

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

Ordering Reference 订购

PTS2/F---90---CW---V---B_{WT}---L_{WT}---H---N---OP---F1

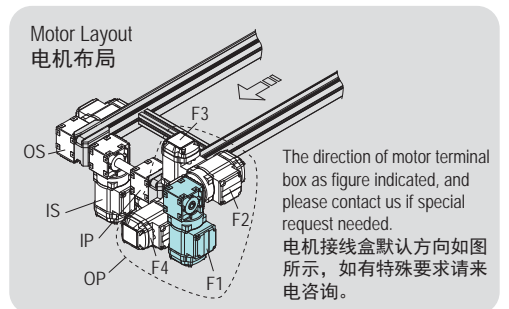


Example 订货范例:

PTS2/F---90---AW---V16---B_{WT}320---L_{WT}320---H800---N3---OP---F1

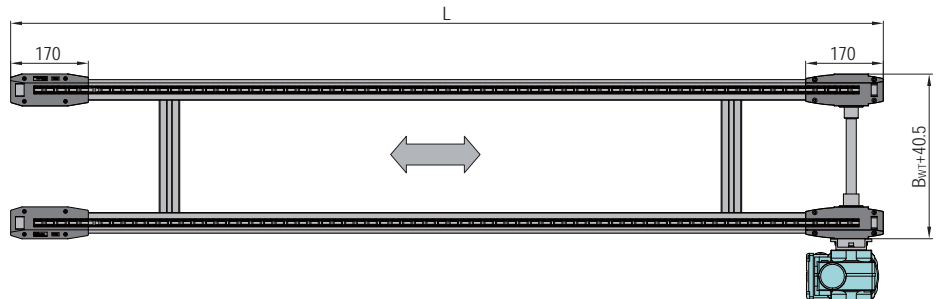
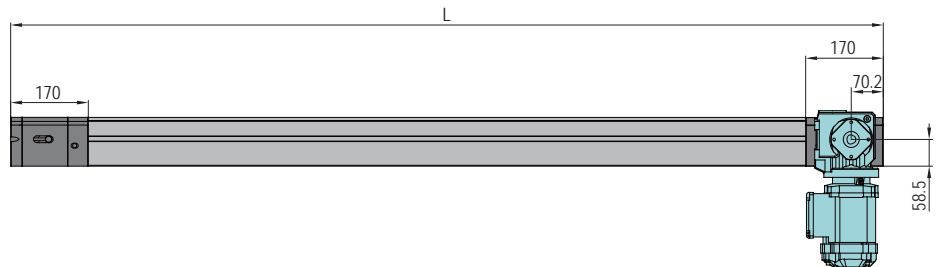
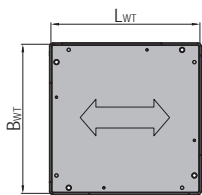
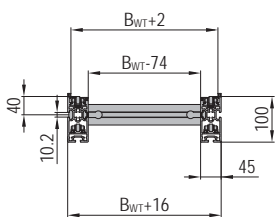
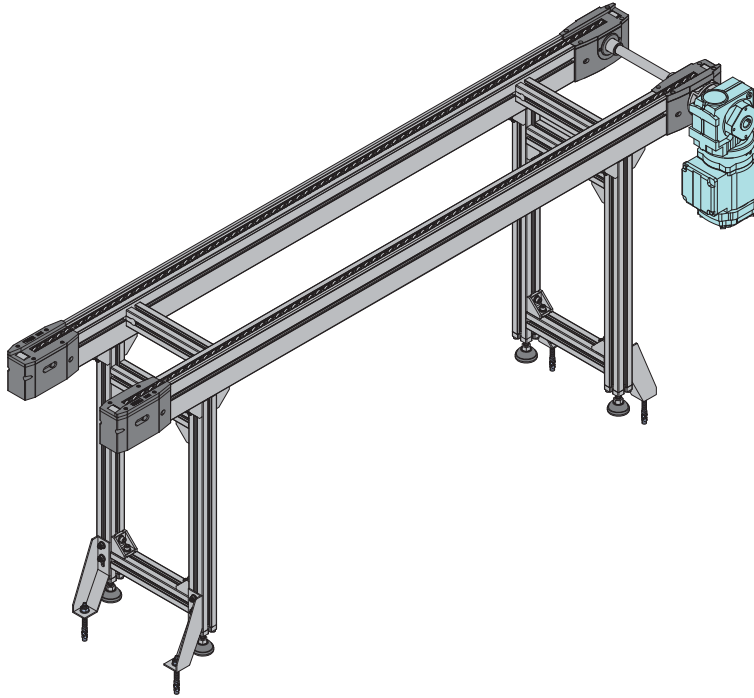
PTS2/F pallet conveyor---90° curve---anticlockwise rotation---conveyor speed 16 m/min---pallet width 320 mm-pallet length 320 mm---transport height 800mm---3 sets of stand supports---motor position OP---motor direction F1

PTS2/F 托盘输送机---90° 弯道---旋转方向为逆时针运行---托盘运行速度 16 m/min---托盘宽度 320 mm---托盘长度 320 mm---输送面水平高度 800 mm---支腿数量 3 组---电机位置 OP---电机方向 F1




PTS2/R Pallet Conveyor
PTS2/R 托盘输送机

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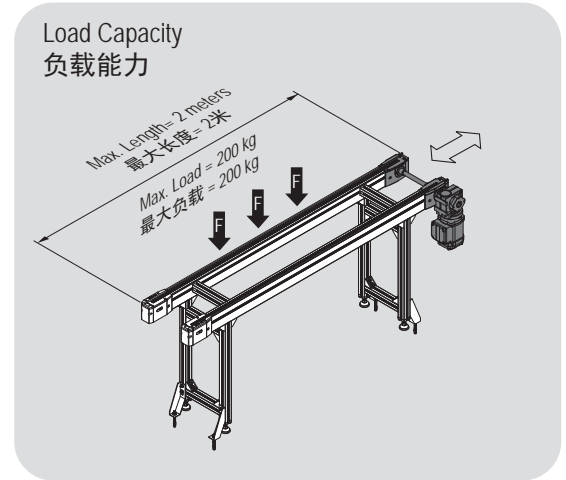
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 The conveyor can run in forward or reverse direction when the length is not more than 2000 mm and the total load is not more than 200 kg.



Specifications 规格配置

Conveyor Length 线体长度	$600 \leq L \leq 2000 \text{ mm}$
Pallet Width 托盘宽度	$160 \leq B_{WT} \leq 1200 \text{ mm}$
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	200 kg
Max. Conveyor Speed 最大满载运行速度	$V \text{ max.} = 20 \text{ m/min}$
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


Features/Benefits 特征

1. Modular design, part production in mold, easy to assemble and maintenance. For middle and big load conveying.
模块化设计, 模具化部件, 维护方便, 输送能力较大, 适用于中度负载。
2. Due to its modular components, it can be adapted to suit specific production conditions and in conjunction with specific units including rotate unit, curve, lift and transverse unit and lift unit.
易于实现积放输送, 配合转台、圆带转弯、顶升横移及升降机构使用, 实现柔性自动化循环控制。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。

Industries Served 应用

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

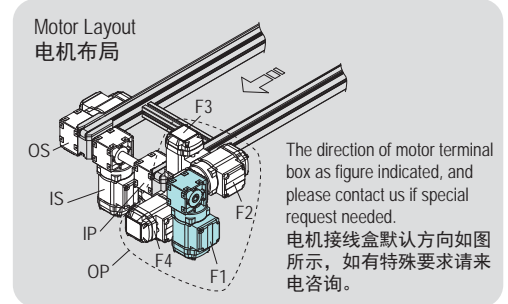
Ordering Reference 订购

PTS2/R---M---V---B_{WT}---L---H---N---OP---F1---C1---A0---SR





PTS2/R---M200---V16---B_{WT}320---L2000---H800---N2---OP---F1---C1---A0

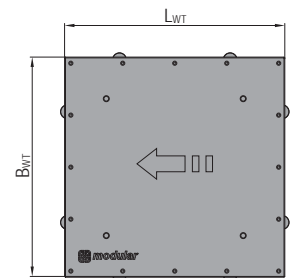
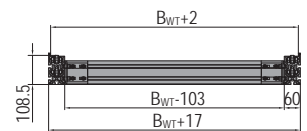
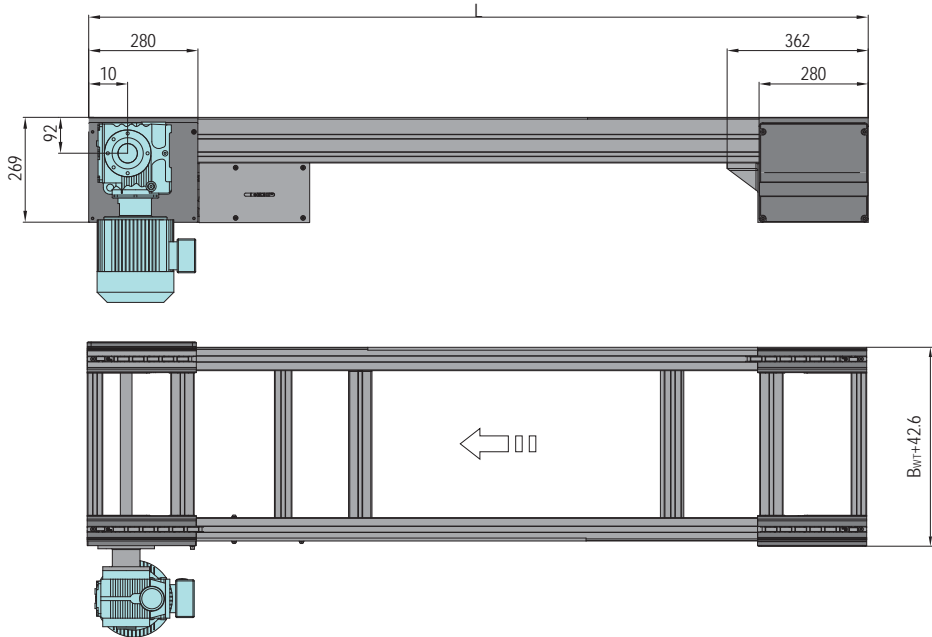
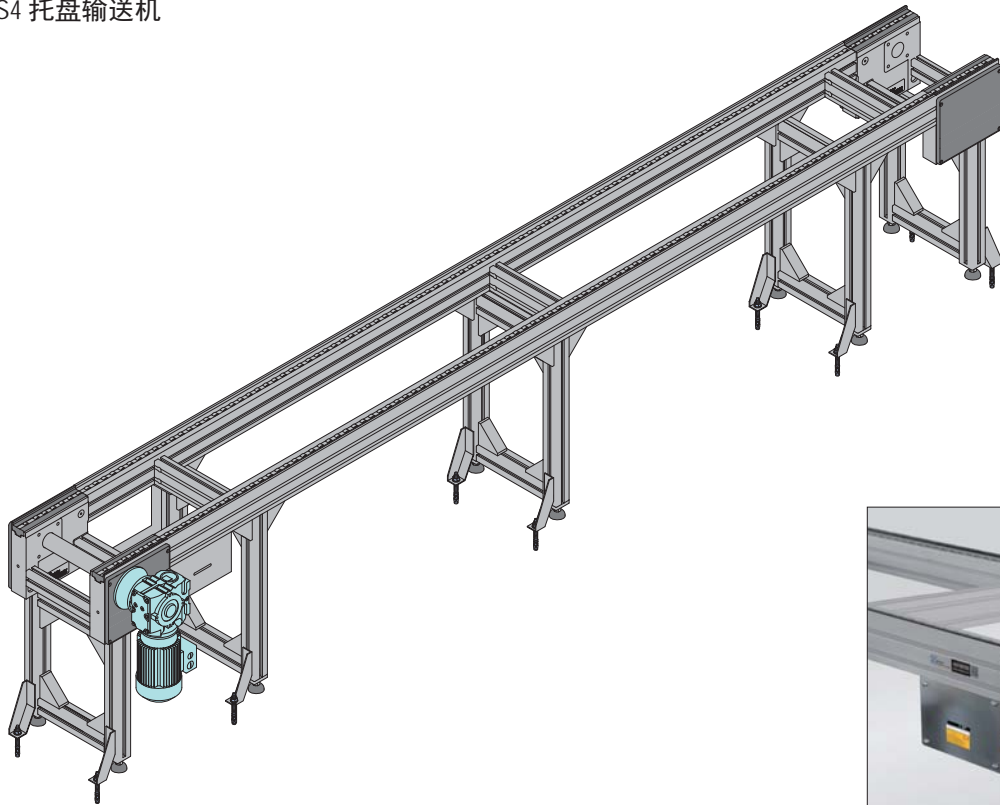
PTS2/R pallet conveyor---full load 200 kg---conveyor speed 16 m/min---pallet width 160mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports---motor position OP---motor direction F1---steel chain---without chain cover
PTS2/R 托盘输送机---满载负载 200 kg---托盘运行速度 16 m/min---托盘宽度 320 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---钢质轮链条---不带防护盖





PTS4 Pallet Conveyor
PTS4 托盘输送机

 Delivery 15 Workday
交货期 15 工作日

 Please contact us if order quantities more than 50 pcs
订量 ≥ 50 套时货期请来电咨询



-  We need to verify the compatibility in advance for pallet made by customer, or we don't guarantee on the main conveyor line or related units.
如客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
-  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	$1000 \leq L \leq 20000$ mm
Pallet Width 托盘宽度	$400 \leq B_{WT} \leq 1600$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	OP, OS = 3000 kg IP, IS = 1500 kg
Max. Conveyor Speed 最大满载运行速度	$V_{max.} = 20$ m/min ¹⁾
Conveying Medium 传输介质	12BS Accumulation Chains 12BS 积放链条

¹⁾ When $V \geq 18$ m/min, the max. load capacity will decrease to 2500 kg.

¹⁾ 当 $V \geq 18$ m/min, 最大负载降低到 2500 kg

Features/Benefits 特征

1. Modular design, good appearance, easy to assemble and maintenance.
模块化设计, 外形美观, 便于维护。
2. Applicable for heavy duty pallet. The pallet can be located and accumulated.
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(sensor, bracket 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)。
4. It can be used in conjunction with specific units including rotate unit, lift and transverse unit and lift unit for flexible automatic 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, Home Appliances, Electronics etc.
工厂自动化、汽车零部件、家电、电子等。

Ordering Reference 订购

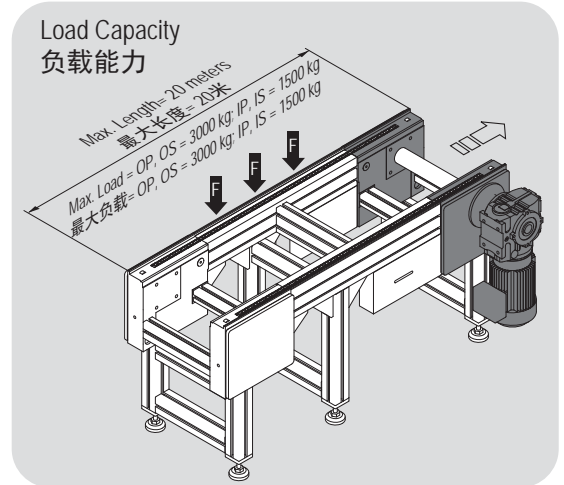
PTS4	M	V	B _{WT}	L	H	N	OP	F1	SR	
										Special Requirement 特殊要求
										Motor Direction (as figure) 电机方向(如图所示)
										Motor Position (as figure) 电机位置(如图所示)
										Number of Stand Support (Spacing of stand supports 1000 mm - 2000 mm) 支腿数量(支腿间距 1000 mm - 2000 mm之间)
										Transport Height (minimum height 350mm and 0 refers to no support stand) 输送面水平高度(最小高度 350 mm, 当数值为 0 表示不含支腿单元)
										Conveyor Length 线体长度
										Pallet Width 托盘宽度
										Conveyor Speed (2 - 20 m/min, recommended speed 8 -16 m/min) 托盘运行速度(2 - 20 m/min,推荐作业速度 8 -16 m/min)
										Full Load 满载负载

Example 订货范例:

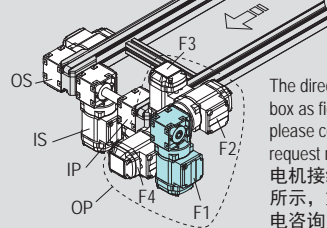
PTS4 --- M2000 --- V16 --- B_{WT} 600 --- L2000 --- H800 --- N2 --- OP --- F1

PTS4 pallet conveyor --- full load 2000 kg --- conveyor speed 16 m/min --- pallet width 600 mm -- conveyor length 2000 mm --- transport height 800 mm--- 2 sets of stand supports --- motor position OP --- motor direction F1.

PST4 托盘输送机 --- 满载负载 2000 kg --- 托盘运行速度 16 m/min --- 托盘宽度 600 mm --- 线体长度 2000 mm --- 输送面水平高度 800 mm --- 支腿数量 2 组 --- 电机位置 OP --- 电机方向 F1。



Unit Load Capacity ≤ 4.0 kg/cm.
线体单位承载能力 ≤ 4.0 kg/cm。

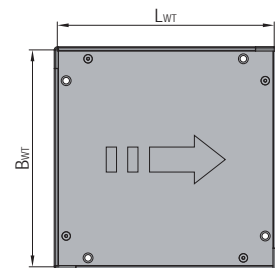
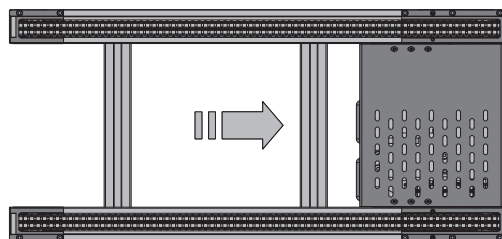
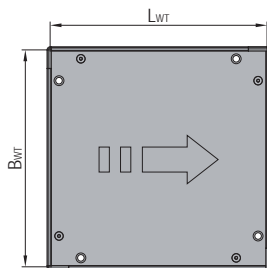
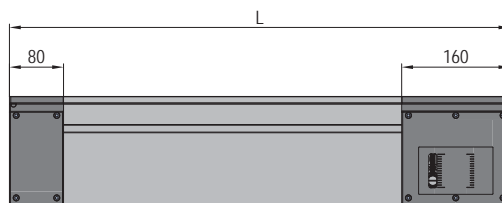
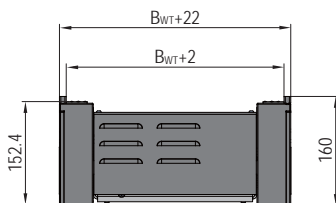
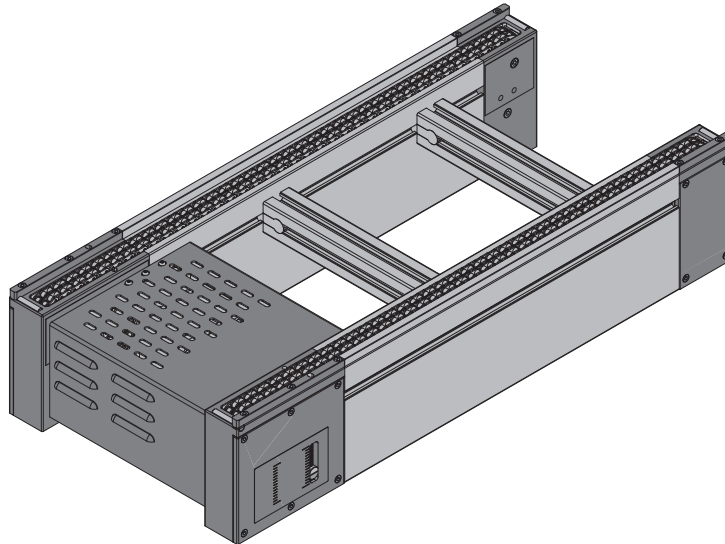
Motor Layout 电机布局


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



PDC200 Pallet Conveyor
PDC200 托盘输送机

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

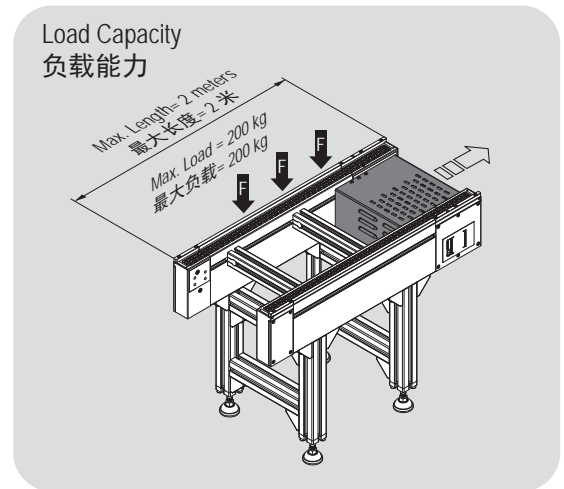


- ⚠ It could be used with customized steel pallet with our approval, or we don't guarantee on the main conveyor line or related units.
可配合非标钢质托盘使用，但必须经过我们事先认可，否则主线体及相关机构将无法保修！
- ⚠ Workpiece pallets should be conveyed toward a drive unit. Reversible operation will lower a third of conveying capacity.
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。
- ⚠ No accumulation tray function.
无积放托盘功能。



Specifications 规格配置

Conveyor Length 线体长度	$240 \leq L \leq 2000 \text{ mm}$
Pallet Width 托盘宽度	$320 \leq B_{WT} \leq 1200 \text{ mm}$
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	200 kg
Max. Conveyor Speed 最大满载运行速度	$V_{\text{max}} = 20 \text{ m/min}$
Drive Model 驱动方式	Indirect 间接驱动
Conveying Medium 传输介质	06B Double Chain 06B 双排链条



! Unit Load Capacity $\leq 2 \text{ kg/cm}$.
 线体单位承载能力 $\leq 2 \text{ kg/cm}$.

Features/Benefits 特征

1. Modular design, part production in mold, easy to assemble and maintenance.
 模块化设计, 模具化部件, 维护方便。
2. PDC 200 pallet conveyor could be in conjunction with lift and transverse unit, rotate unit and lift unit.
 PDC 200 托盘输送机可配合顶升横移、转台及升降机等机构使用。
3. Conveying medium is 06B double chain.
 传输介质为钢质 06B 双排链条。
4. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。

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


Example 订货范例:

PDC200---M100---V16---B_{WT}320---L2000---H800---N2

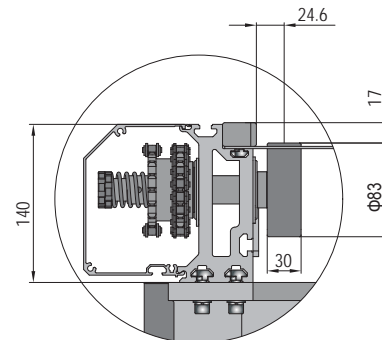
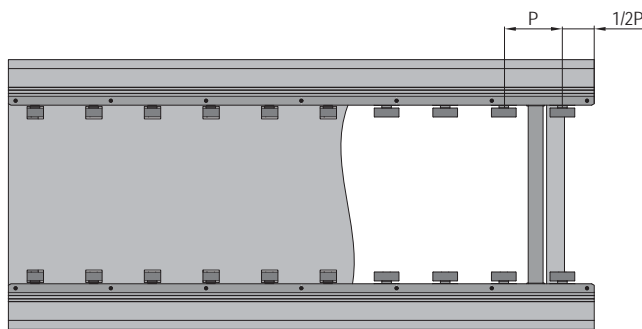
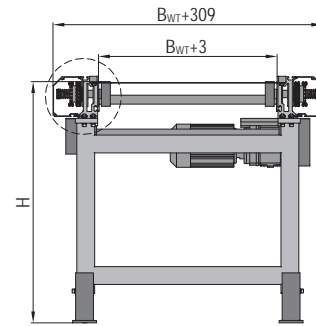
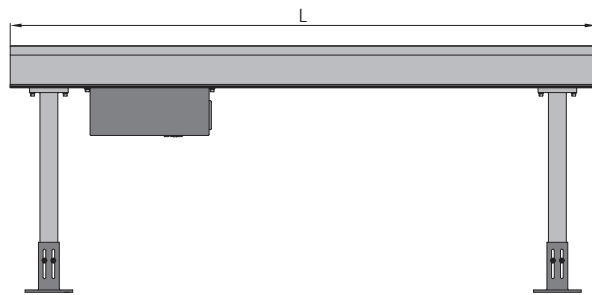
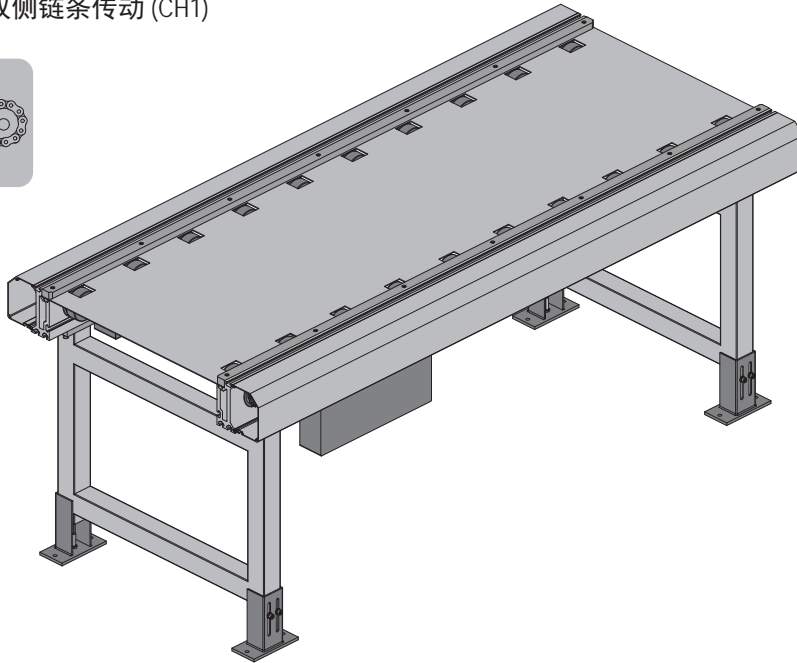
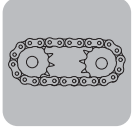
PDC200 pallet conveyor---full load 100 kg---conveyor speed 16 m/min---pallet width 320 mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports.

PDC200 托盘输送机---满载负载 100 kg---托盘运行速度 16 m/min---托盘宽度 320 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组



PTS5 Pallet Conveyor
PTS5 托盘输送机

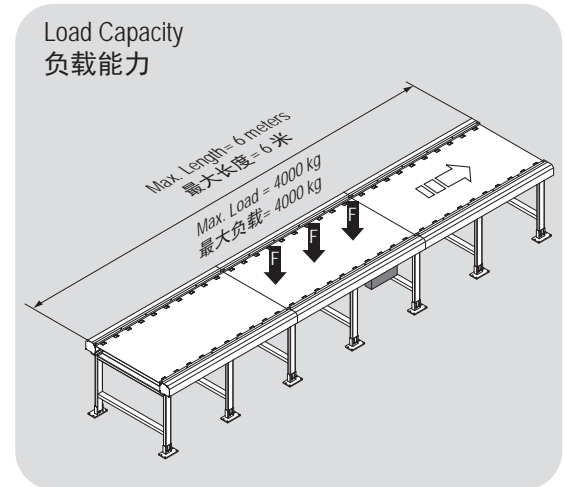
Cantilever Double Chain Drive (CH1)
悬臂式双侧链条传动 (CH1)



- ⚠ We need to verify the compatibility in advance for pallet made by customer, or we don't guarantee on the main conveyor line or related units.
如客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
- ⚠ 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, please contact with us.
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。

Specifications 规格配置

Conveyor Length 线体长度	$1000 \leq L \leq 6000$ mm
Pallet Width 托盘宽度	$300 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	4000 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 15 m/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 / 196 / 247 mm



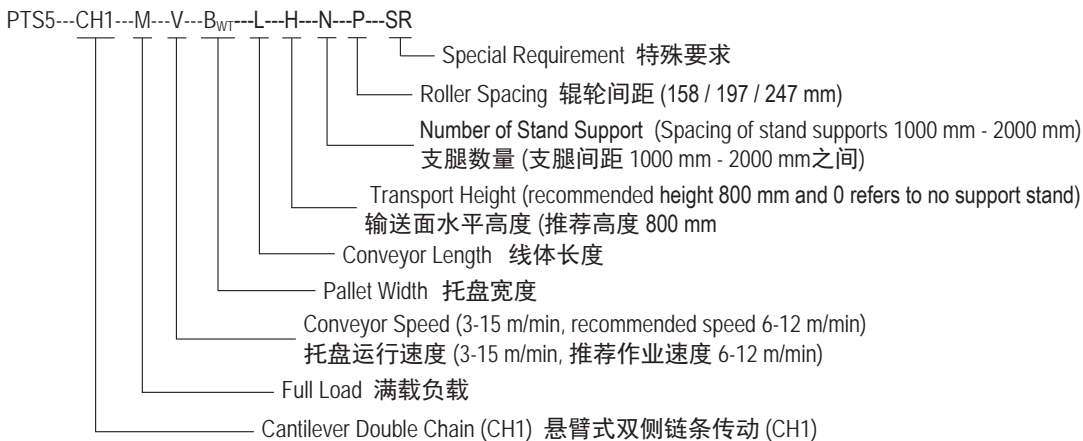
⚠ Unit Load Capacity ≤ 200 kg for each pair of rollers
 单位负载能力 ≤ 200 kg/每组辊轮。

Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1905 mm, 1968 mm and 1981 mm 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1905 mm，1968 mm和1981 mm)。
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:

PTS5---CH1---M1000---V12---B_{WT}500---L2000---H800---N2---P158

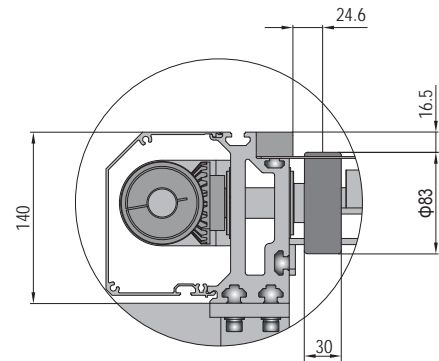
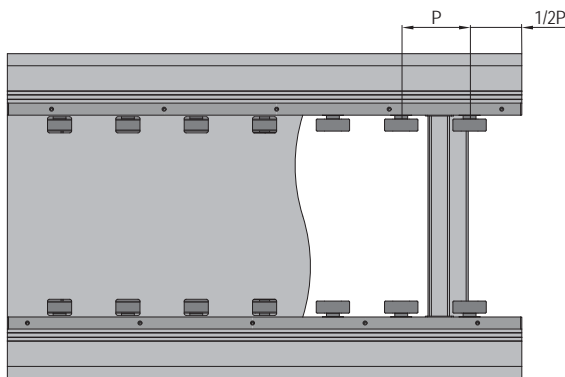
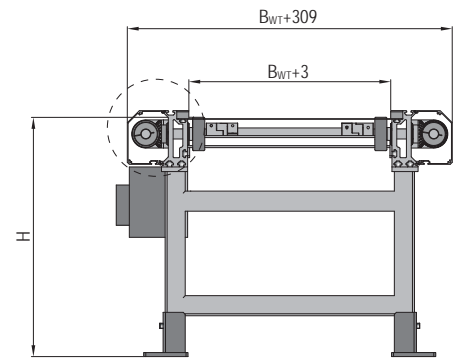
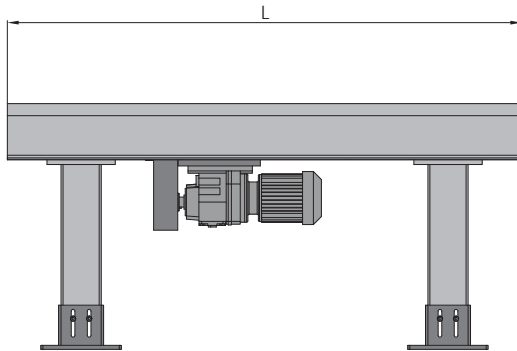
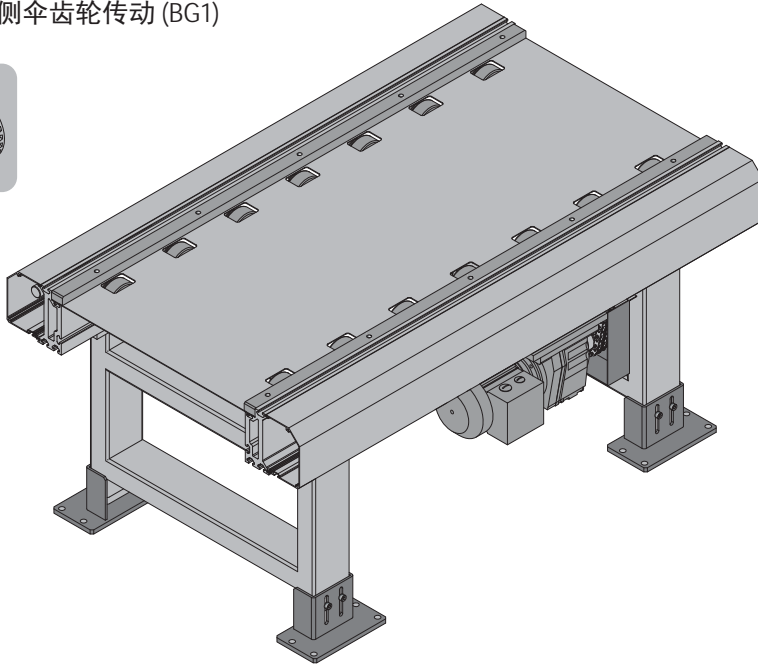
PTS5 pallet conveyor---CH1---full load 1000 kg---conveyor speed 12 m/min---pallet width 500 mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports---roller spacing 158 mm

PTS5 托盘输送机---悬臂式双侧链条传动---满载负载 1000 kg---托盘运行速度 12 m/min---托盘宽度 500 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---辊轮间距 158 mm



PTS5 Pallet Conveyor
PTS5 托盘输送机

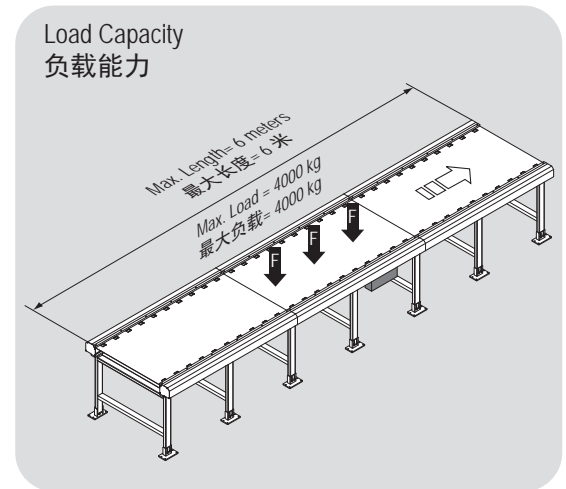
Cantilever Double Bevel Gear Drive (BG1)
悬臂式双侧伞齿轮传动 (BG1)



- ⚠ We need to verify the compatibility in advance for pallet made by customer, or we don't guarantee on the main conveyor line or related units.
如客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
- ⚠ 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, please contact with us.
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。

Specifications 规格配置

Conveyor Length 线体长度	$1000 \leq L \leq 6000$ mm
Pallet Width 托盘宽度	$300 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	4000 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 3-15 m/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 / 250 mm



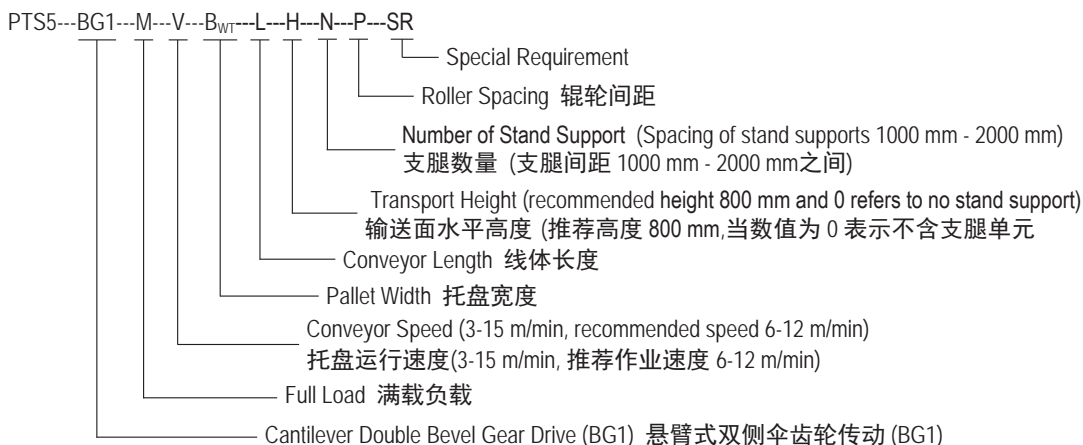
⚠ Unit Load Capacity ≤ 200 kg for each pair of rollers
 单位负载能力 ≤ 200 kg/每组辊轮。

Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1920 mm, and 2000 mm 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 1920 mm 和 2000 mm)。
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:

PTS5---BG1---M2000---V12---B_{WT}500---L2000---H800---N2---P160

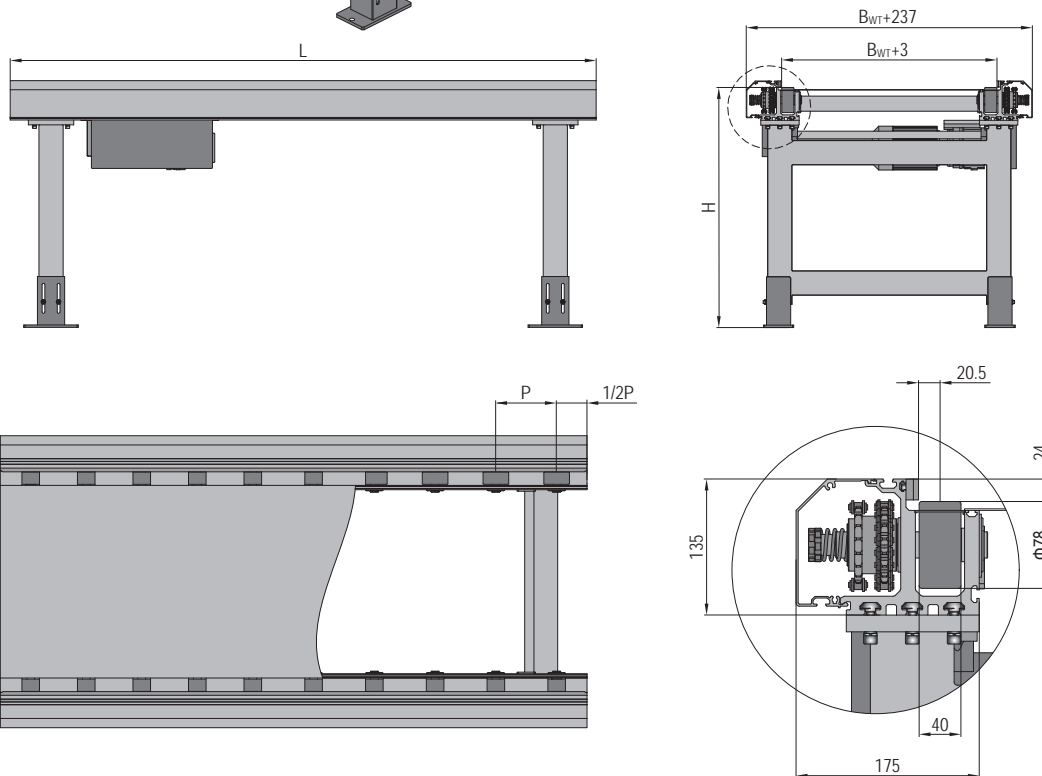
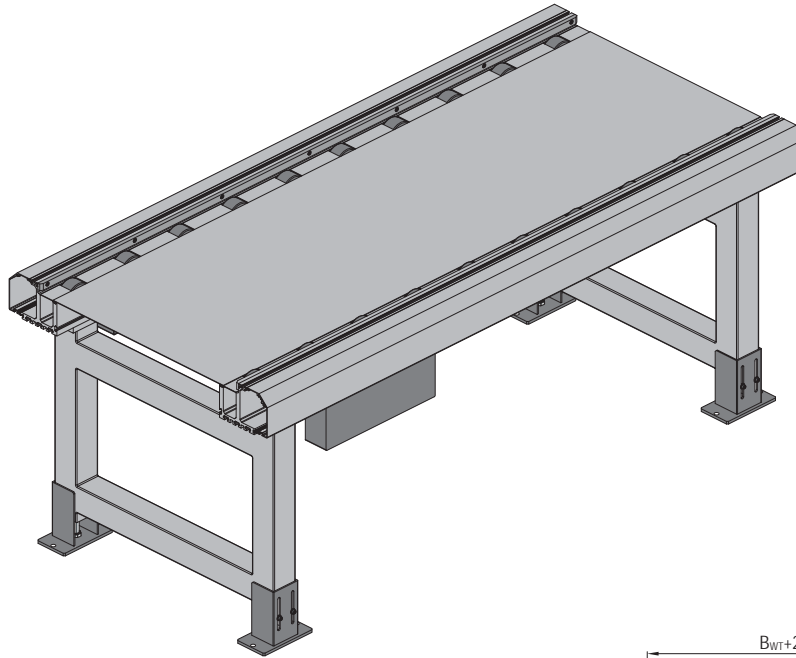
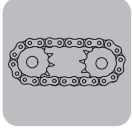
PTS5 pallet conveyor---BG1---full load 2000 kg---conveyor speed 12 m/min---pallet width 500 mm---conveyor length 2000 mm---transport height 800 mm-- 2 sets of stand supports-----roller spacing 160 mm

PTS5 托盘输送机---悬臂式双侧伞齿轮传动---满载负载 2000 kg---托盘运行速度 12 m/min---托盘宽度 500 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---辊轮间距 160 mm



PTS5 Pallet Conveyor
PTS5 托盘输送机

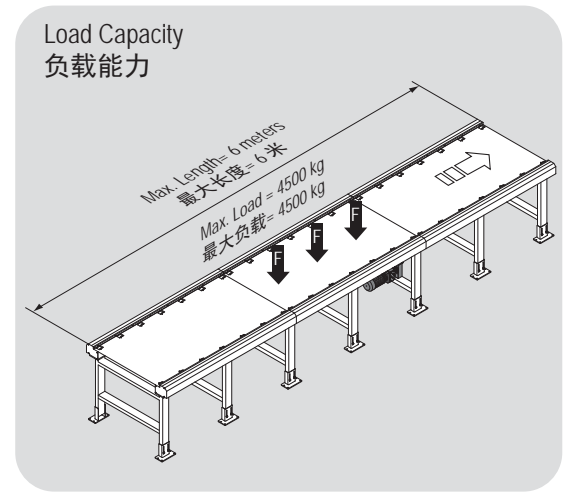
Double Support and Chain Drive (CH2)
双支撑双侧链条传动 (CH2)



- ⚠ We need to verify the compatibility in advance for pallet made by customer, or we don't guarantee on the main conveyor line or related units.
如客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
- ⚠ 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, please contact with us.
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。

Specifications 规格配置

Conveyor Length 线体长度	$1000 \leq L \leq 6000$ mm
Pallet Width 托盘宽度	$400 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	4500 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 15 m/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 / 196 / 247 mm



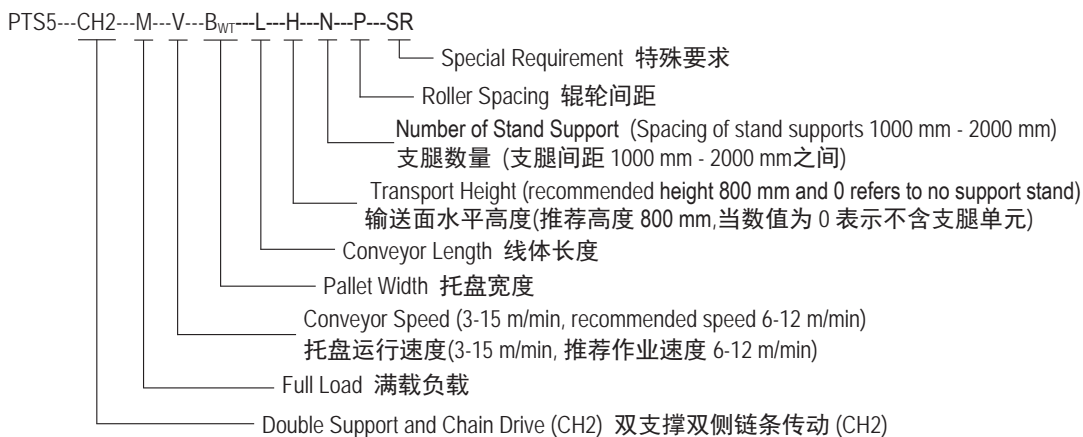
⚠ Unit Load Capacity ≤ 200 kg for each pair of rollers
 单位负载能力 ≤ 200 kg/每组辊轮。

Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1905 mm, 1968 mm and 1981 mm 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1905 mm，1968 mm和1981 mm)。
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:

PTS5---CH2---M2000---V12---B_{WT}500---L2000---H800---N2---P158

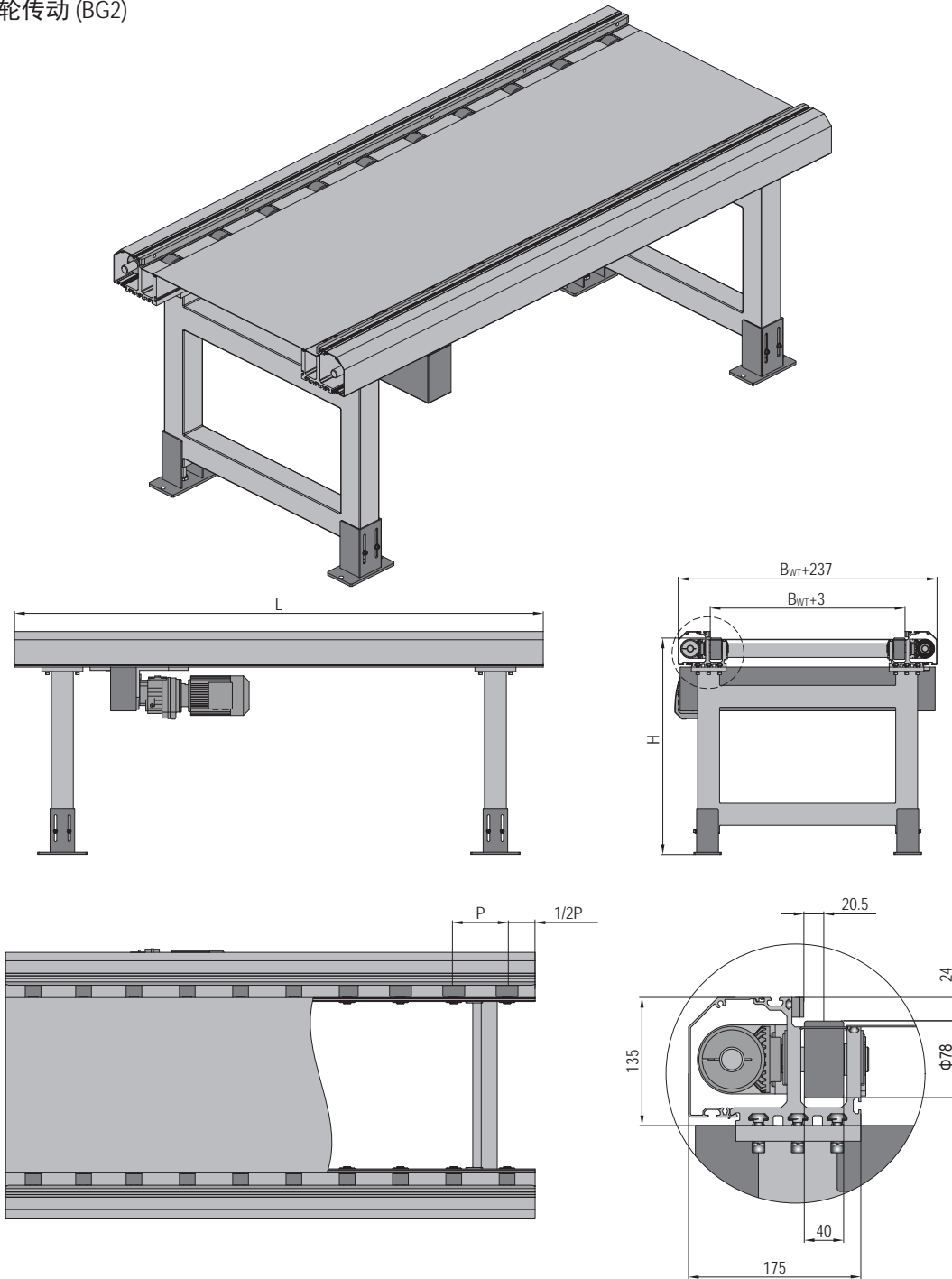
PTS5 pallet conveyor---CH2---full load 2000 kg---conveyor speed 12 m/min---pallet width 500 mm---conveyor length 2000 mm---transport height 800 mm--- 2 sets of stand supports---roller spacing 158 mm

PTS5 托盘输送机---双支撑双侧链条传动---满载负载 2000 kg---托盘运行速度 12 m/min---托盘宽度 500 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---辊轮间距 158 mm



PTS5 Pallet Conveyor
PTS5 托盘输送机

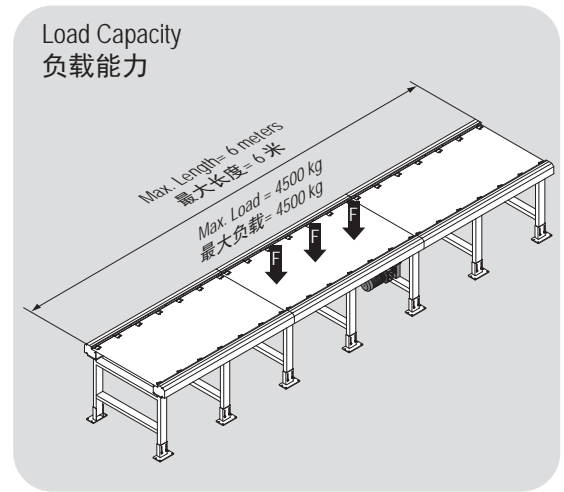
Double Support and Bevel Gear Drive (BG2)
双支撑双侧伞齿轮传动 (BG2)



- ⚠ We need to verify the compatibility in advance for pallet made by customer, or we don't guarantee on the main conveyor line or related units.
如客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
- ⚠ 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, please contact with us.
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。

Specifications 规格配置

Conveyor Length 线体长度	$1000 \leq L \leq 6000$ mm
Pallet Width 托盘宽度	$400 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	4500 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 3-15 m/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 / 250 mm



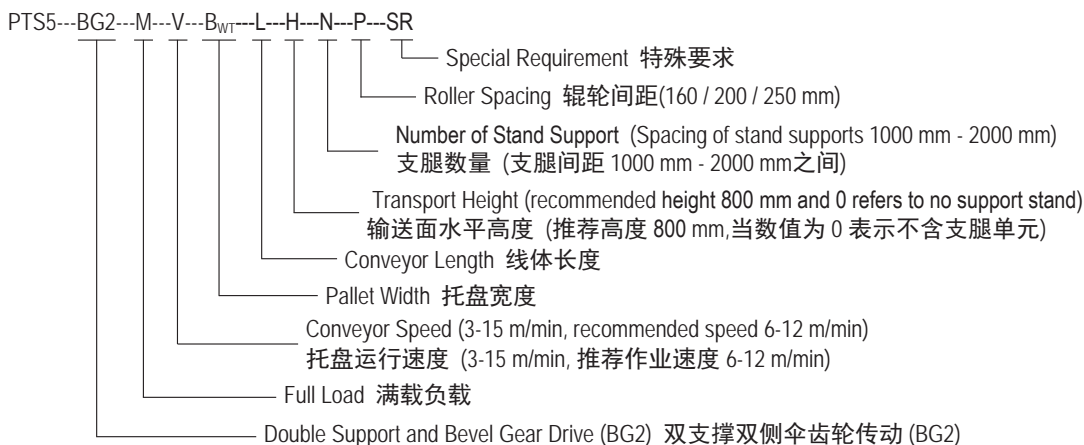
⚠ Unit Load Capacity ≤ 200 kg for each pair of rollers
 单位负载能力 ≤ 200 kg/每组辊轮。

Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 1920 mm, and 2000 mm 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 1920 mm 和 2000 mm)。
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:

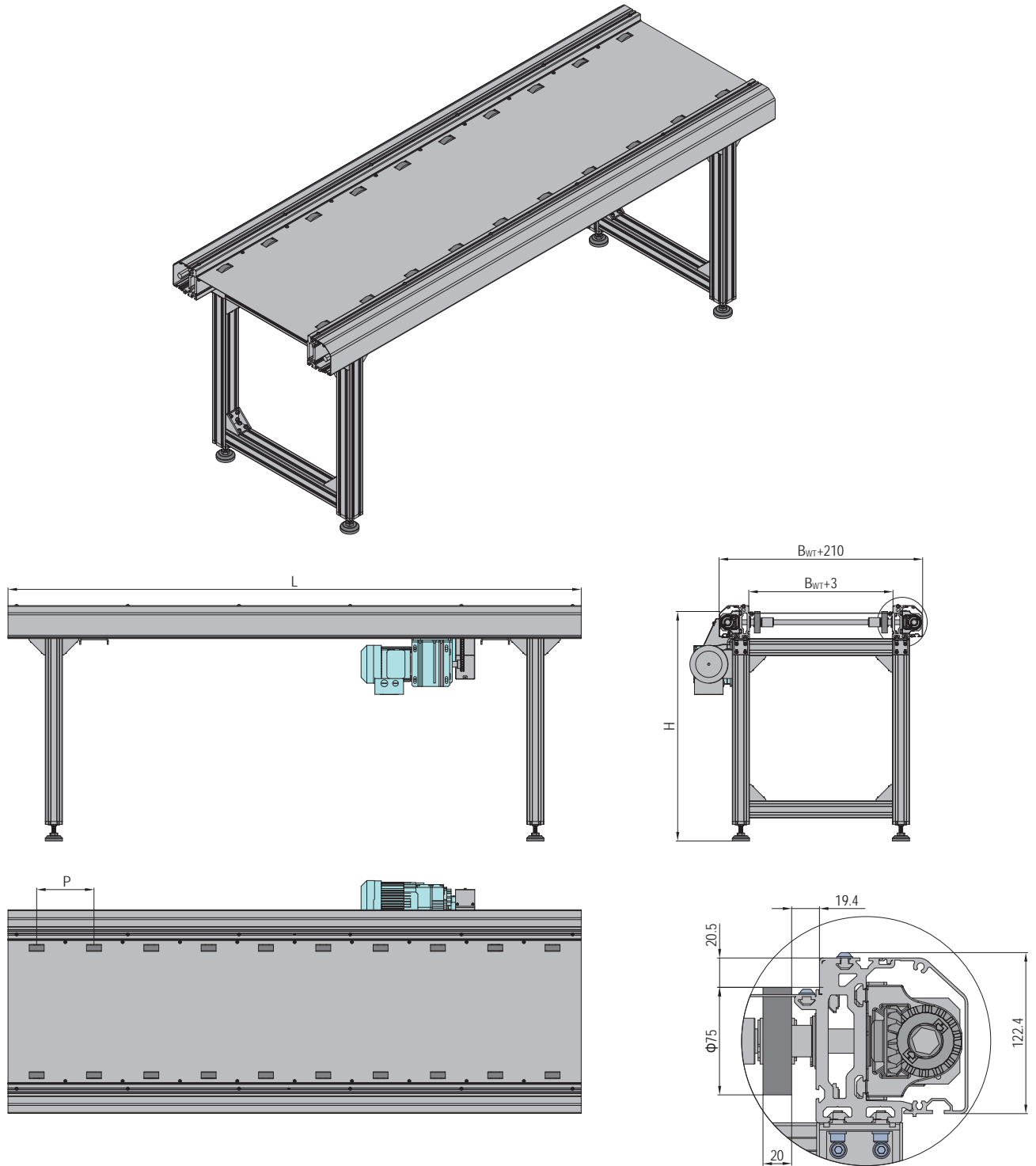
PTS5---BG2---M2000---V12---B_{WT}500---L2000---H800---N2---P160

PTS5 pallet conveyor---BG2---full load 2000 kg---conveyor speed 12 m/min---pallet width 500 mm---conveyor length 2000 mm---transport height 800 mm---2 sets of stand supports---roller spacing 160 mm

PTS5 托盘输送机---双支撑双侧伞齿轮传动---满载负载 2000 kg---托盘运行速度 12 m/min---托盘宽度 500 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---辊轮间距 160 mm



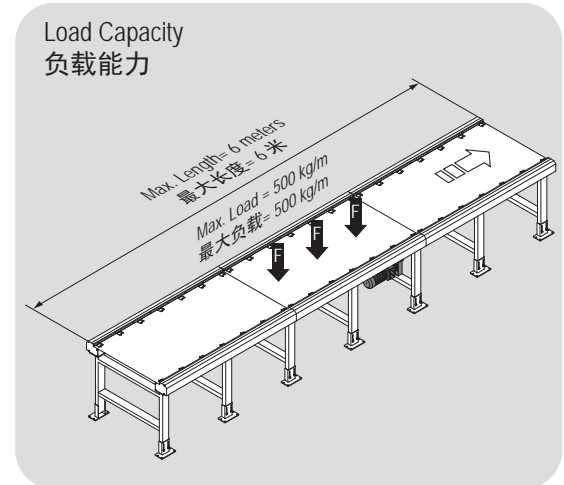
PTS5/L Pallet Conveyor
PTS5/L 托盘输送机



- ⚠ We need to verify the compatibility in advance for pallet made by customer, or we don't guarantee on the main conveyor line or related units.
如客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！
- ⚠ 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, please contact with us.
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。

Specifications 规格配置

Conveyor Length 线体长度	$1000 \leq L \leq 6000$ mm
Pallet Width 托盘宽度	$300 \leq B_{WT} \leq 1200$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	500 kg/m
Max. Conveyor Speed 最大满载运行速度	V max. = 16 m/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	≥ 130 mm



- Unit Load Capacity:
- ≤ 50 kg for each pair of rollers (PA + POM)
 - ≤ 75 kg for each pair of rollers (Powder metallurgy + POM)
- 单位负载能力:
- ≤ 50 kg/每组辊轮 (PA + POM)
 - ≤ 75 kg/每组辊轮 (粉末冶金 + POM)

Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 2000 mm 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，通常选用 2000 mm）。
2. Suitable for middle-loaded pallet conveying which can achieve flexible control.
适合中型负载托盘输送，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。

Ordering Reference 订购

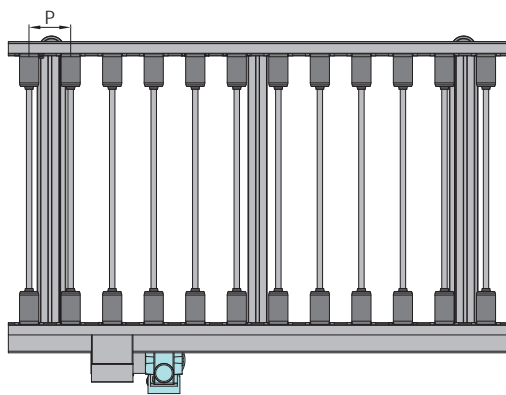
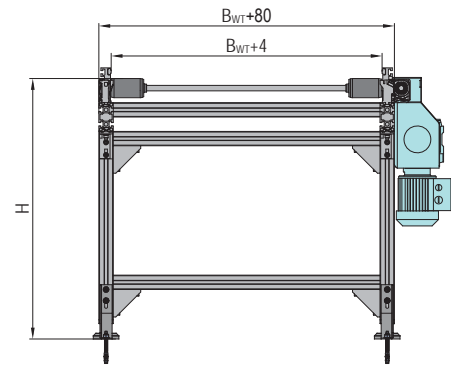
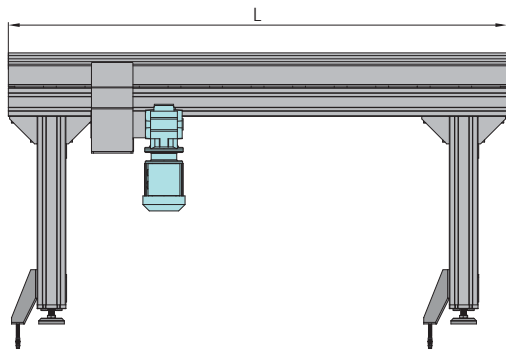
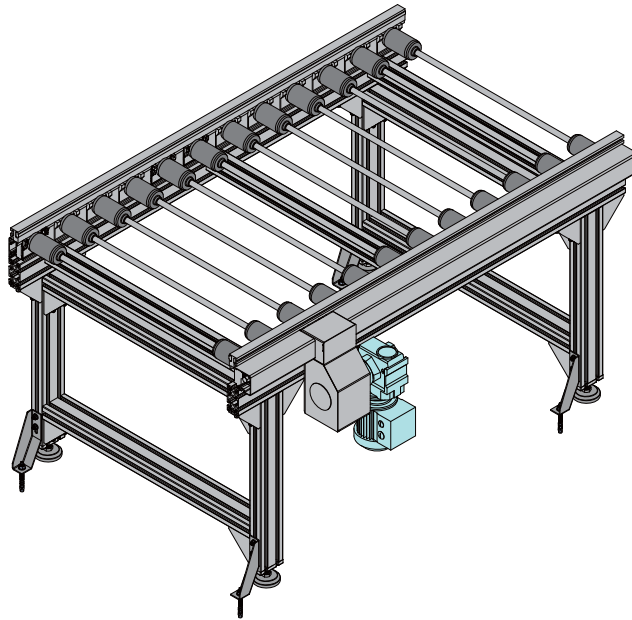
 PTS5/L---BG1---M---V---B_{WT}---L---H---N---P---PP---SR


Example 订货范例:

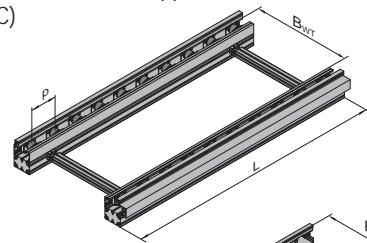
 PTS5/L---BG1---M150---V16---B_{WT}845---L2000---H800---N2---P195---PP---SR

 PTS5/L pallet conveyor---cantilever double bevel gear drive---full load 150 kg---conveyor speed 16 m/min---pallet width 845 mm---conveyor length 2000 mm---transport height 800 mm---2 sets of stand supports---roller spacing 195 mm---drive bevel gear (PA)+ accumulation bevel gear (POM)
 PTS5/L 托盘输送机---悬臂式双侧伞齿轮传动---满载负载 150 kg---托盘运行速度 16 m/min---托盘宽度 845 mm---线体长度 2000 mm---输送面水平高度 800 mm---支腿数量 2 组---辊轮间距 195 mm---驱动伞齿轮 (PA)+积放伞齿轮 (POM)

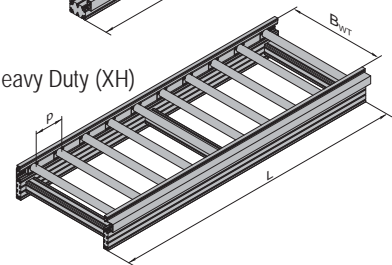

PTS5/E Pallet Conveyor
PTS5/E 托盘输送机



Conveyor Line With Double Supports (OC)
双支撑线体 (OC)



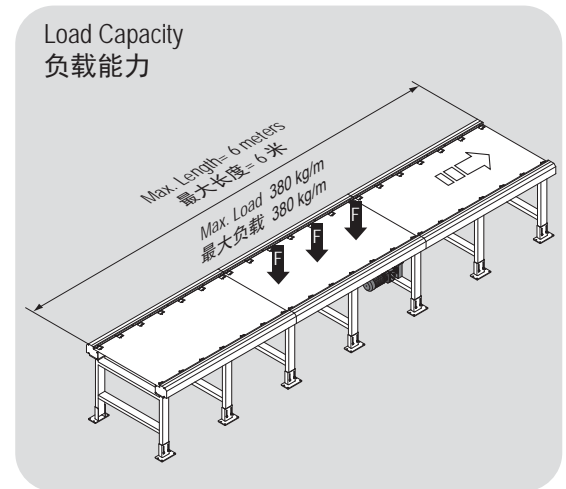
Conveyor Line for Heavy Duty (XH)
重型线体 (XH)



- ⚠ We need to verify the compatibility in advance for pallet made by customer, or we don't guarantee on the main conveyor line or related units.
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。
- ⚠ 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, please contact with us.
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。

Specifications 规格配置

Conveyor Length 线体长度	$780 \leq L \leq 6000$ mm
Pallet Width 托盘宽度	455 / 650 / 845 / 1040 mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	H \leq 200 kg/m (Standard conveyor / 标准线体) XH \leq 380 kg/m (Conveyor for heavy duty / 重型线体) OC \leq 380 kg/m (Conveyor with double support / 双支撑线体)
Max. Conveyor Speed 最大满载运行速度	V max. = 12 m/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	130 / 195 / 260 / 325 mm

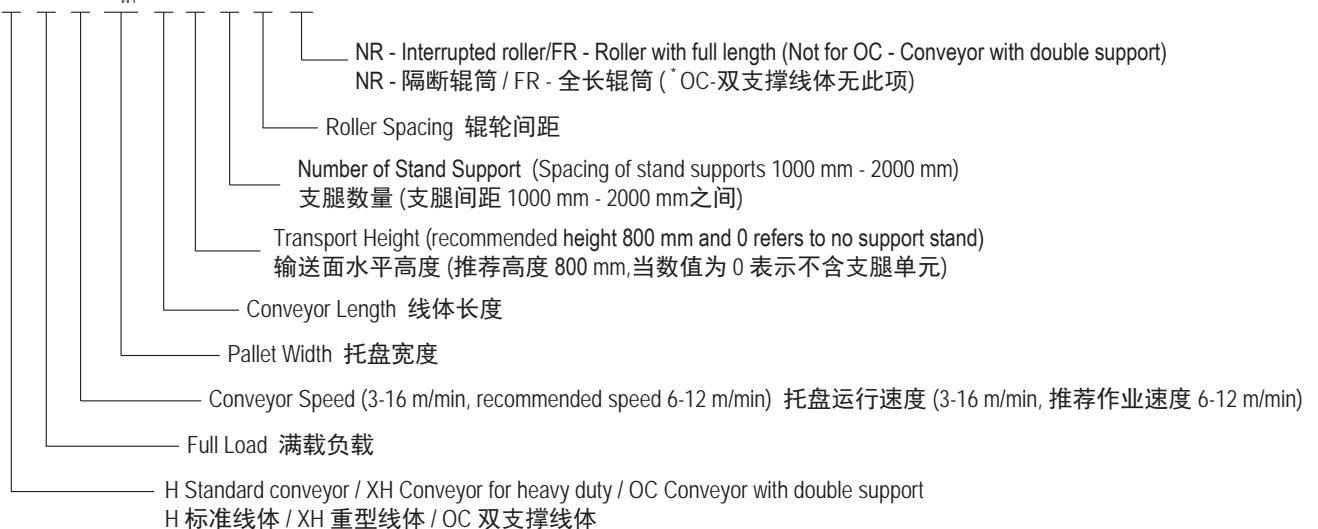


Unit Load Capacity \leq 50 kg for each pair of rollers
 单位负载能力 \leq 50 kg/每组辊轮。

Features/Benefits 特征

1. Modular design of standard unit (recommended length of standard unit is 2000 mm 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，通常选用 2000 mm）。
2. Suitable for middle-loaded pallet conveying which can achieve flexible control.
 适合中型负载托盘输送，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。

Ordering Reference 订购

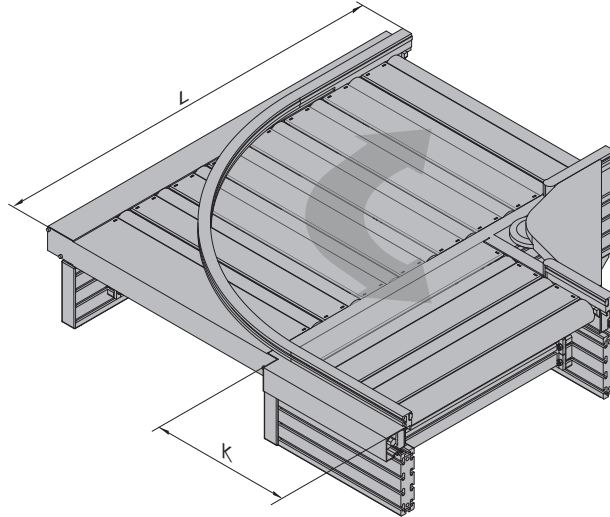
 PTS5/E---H---M---V---B_{WT}---L---H---N---P---NR*


Example 订货范例:

 PTS5/E---H---M150---V12---B_{WT}845---L1950---H800---N2---P195---NR

 PTS5/E pallet conveyor---standard conveyor---full load 150 kg---conveyor speed 12 m/min---pallet width 845 mm---conveyor length 1950 mm---transport height 800 mm
 ---2 sets of stand supports---roller spacing 195 mm---Interrupted roller

 PTS5/E 托盘输送机---标准线体---满载负载 150 kg---托盘运行速度 12 m/min---托盘宽度 845 mm---线体长度 1950 mm---输送面水平高度 800 mm---
 支腿数量 2 组---辊轮间距 195 mm---隔断辊轮


PTS5/E Curve Unit
 PTS5/E 弯道组件


Specifications 规格配置

	M _A (kg/m)	B _{WT} (mm)	L _{WT} (mm)	L (mm)	K ²⁾ (mm)
H	260	455	455	921.5	382.5
H	260	455	650	921.5	382.5
H	260	650	650	1149	415
XH	380	650	845	1149	415
XH	380	845	845	1376.5	447.5
XH	380	845	1040	1376.5	447.5

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

¹⁾ R1, R2, a are dimensions for reference
²⁾ K为组件标配线体长度

Ordering Reference 订购

 PTS5/E---CU---H---M---B_{WT}---L_{WT}---H---N

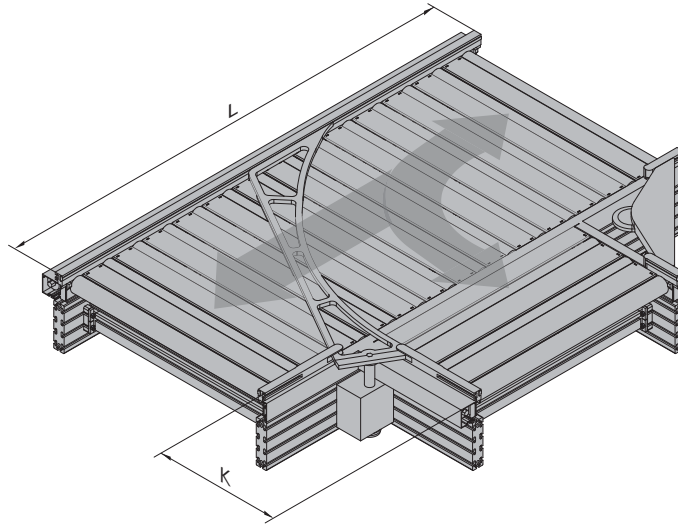

Example 订货范例:

 PTS5/E---CU---H---M150---B_{WT}455---L_{WT}455---H800---N3

PTS5/E pallet conveyor---curve unit---standard conveyor---full load 150 kg---conveyor speed 12 m/min---pallet width 845 mm---Pallet length 1950 mm---transport height 800 mm---3 sets of stand supports

PTS5/E 托盘输送机---弯道组件---标准线体---满载负载 150 kg---托盘宽度 455 mm---托盘长度 455 mm---输送面水平高度 800 mm---支腿数量 3 组



PTS5/E Distribution and Confluence Unit
 PTS5/E 分合流组件


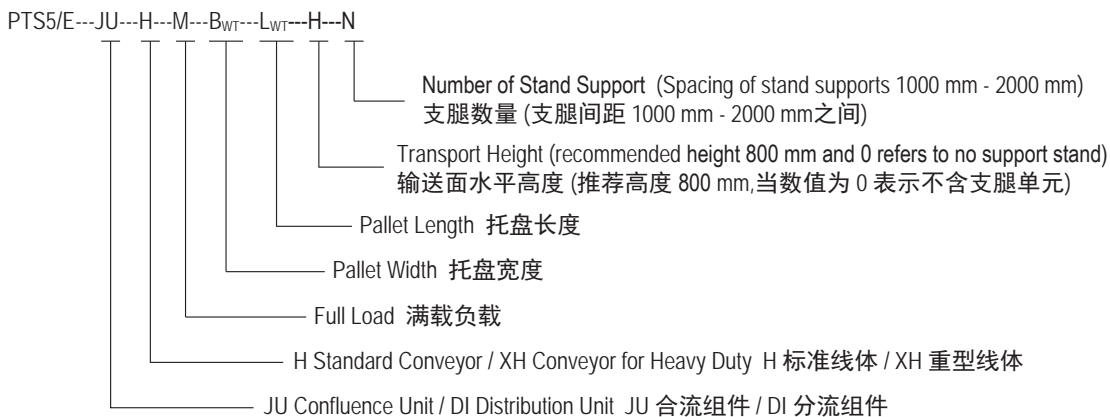
Specifications 规格配置

	M_A (kg/m)	B_{WT} (mm)	L_{WT} (mm)	L (mm)	K^2 (mm)
H	260	455	455	1300	382.5
H	260	455	650	1300	382.5
H	260	650	650	1560	415
XH	380	650	845	1560	415
XH	380	845	845	1820	447.5
XH	380	845	1040	1820	447.5

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

¹⁾ R1, R2, a are dimensions for reference
²⁾ K为组件标配线体长度

Ordering Reference 订购



Example 订货范例:

PTS5/E---JU---H---M150---B_{WT}455---L_{WT}455---H800---N3

PTS5/E pallet conveyor---confluence unit---standard conveyor---full load 150 kg---conveyor speed 12 m/min---pallet width 845 mm---Pallet length 1950 mm---transport height 800 mm---3 sets of stand supports

PTS5/E 托盘输送机---合流组件---标准线体---满载负载 150 kg---托盘宽度 455 mm---托盘长度 455 mm---输送面水平高度 800 mm---支腿数量 3 组

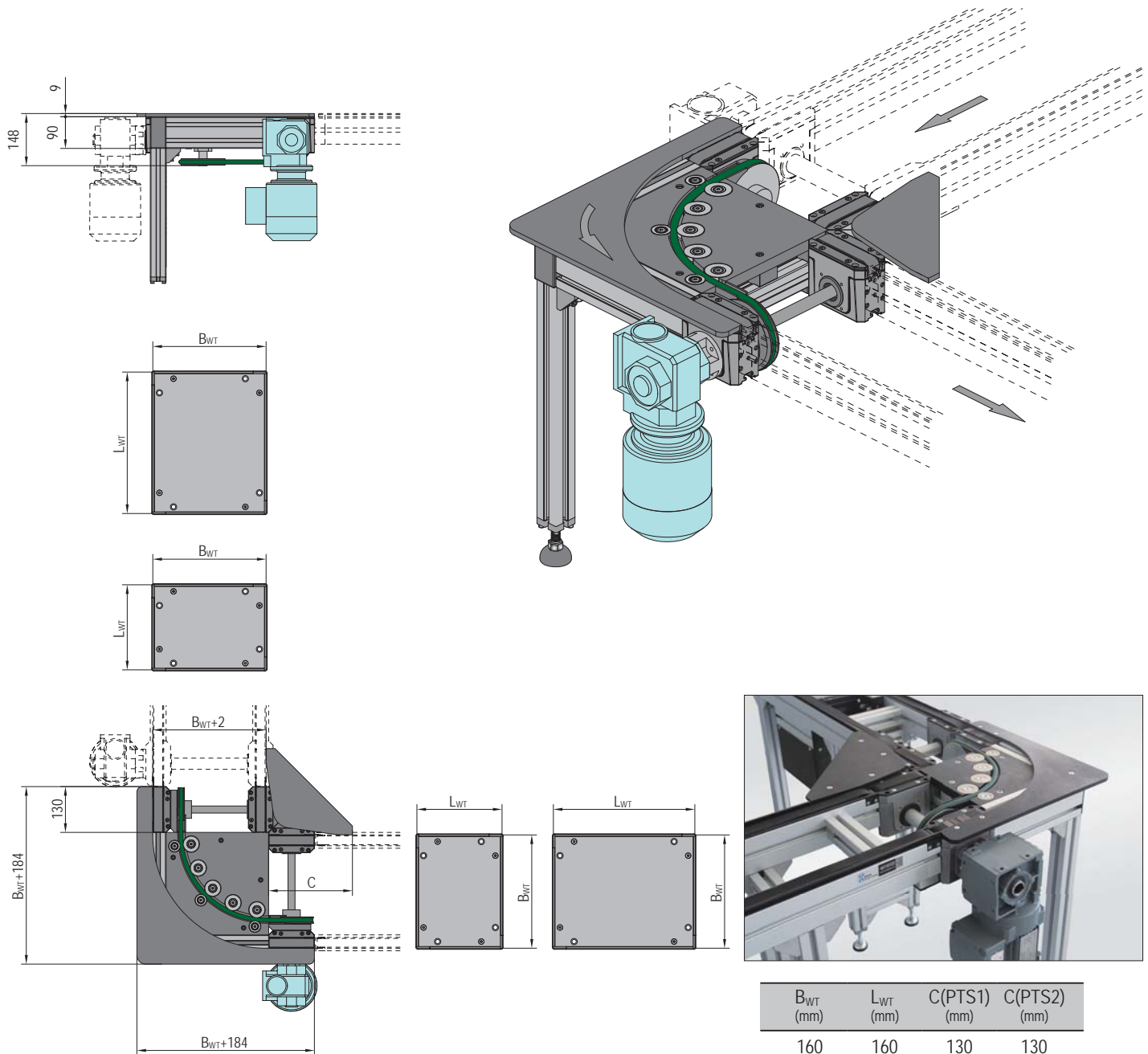







PCU90 Round Belt Curve
PCU90 圆带转弯

Self-powered (PCU90-IN)
独立动力单元驱动 (PCU90-IN)

 Delivery 15 Workday
交货期 15 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 ≤ 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 ($L_{WT}/B_{WT} \leq 1.5$).
输送托盘的长宽比不可超过 1.5 倍 ($L_{WT}/B_{WT} \leq 1.5$)。
-  To work with WP2/S, WP2/E or WP2/C.
可与 WP2/S、WP2/E、WP2/C 托盘组合。
-  Please contact us for slave driven type.
可定制借用线体动力驱动，各项相关参数请来电咨询。

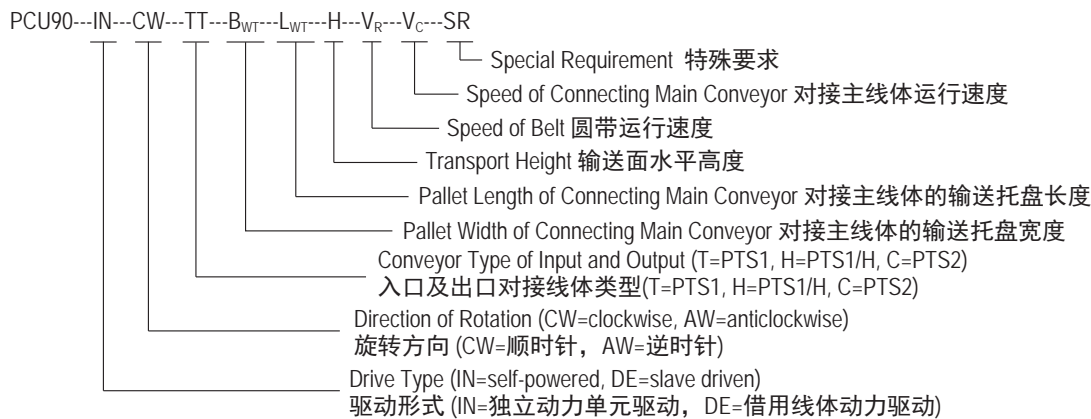
 Standard size of pallet suitable for 90° curve.
适用本机构托盘的标准尺寸。



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 is recommend for conveying of large size pallet.
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(sensor, bracket 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:

PCU90---IN---CW---TT---B_{WT}240---L_{WT}320---V_R27---V_C15

PCU90 round belt curve---self-powered---clockwise rotation---PTS1 conveyor for both input and output---pallet width of connecting main conveyor 240mm---pallet length of connecting main conveyor 320mm---transport height 650mm---curve speed 27m/min---speed of connecting main conveyor 15m/min

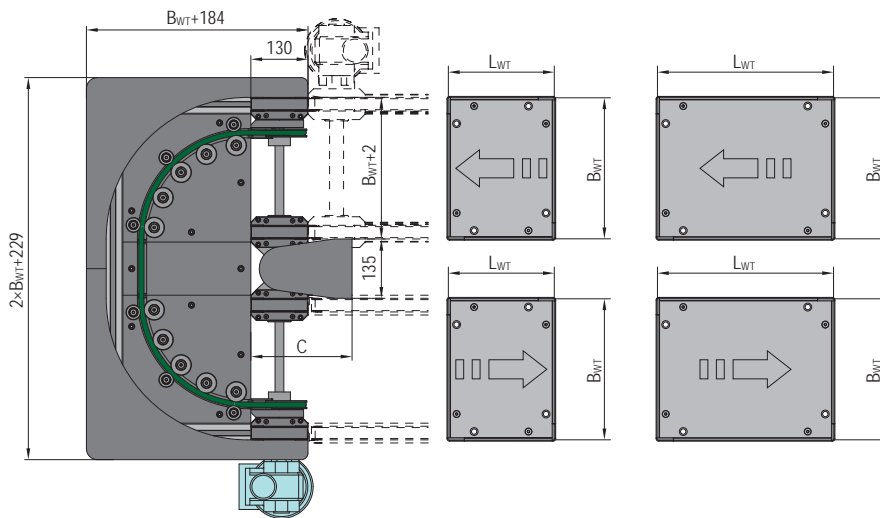
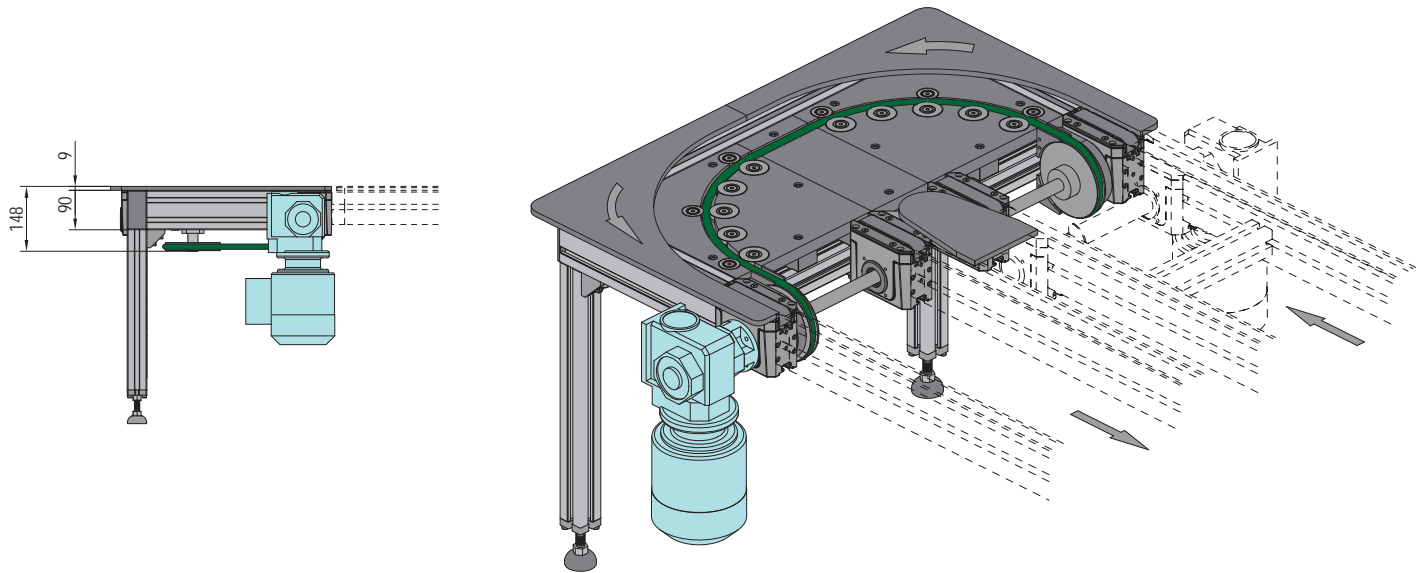
PCU90 圆带转弯---独立动力单元驱动---旋转方向顺时针---入口及出口对接线体类型均为PTS1---对接主线体的输送托盘宽度240mm---对接主线体的输送托盘长度320mm---输送面水平高度650mm---圆带运行速度27m/min---对接主线体运行速度15m/min

PCU180 Round Belt Curve
PCU180 圆带转弯






Self-powered (PCU180-IN)
独立动力单元驱动 (PCU180-IN)

 Delivery 15 Workday
交货期 15 工作日

 Please contact us for non-standard products
非标产品货期请来电咨询



B _{WT} (mm)	L _{WT} (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 ≤ 20 kg.
单个托盘满载总重量 ≤ 20 kg。
-  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 ($L_{WT}/B_{WT} \leq 1.5$).
输送托盘的长宽比不可超过 1.5 倍 ($L_{WT}/B_{WT} \leq 1.5$)。
-  To work with WP2/S, WP2/E or WP2/C.
可与 WP2/S、WP2/E、WP2/C 托盘组合。
-  Please contact us for slave driven type.
可定制借用线体动力驱动，各项相关参数请来电咨询。

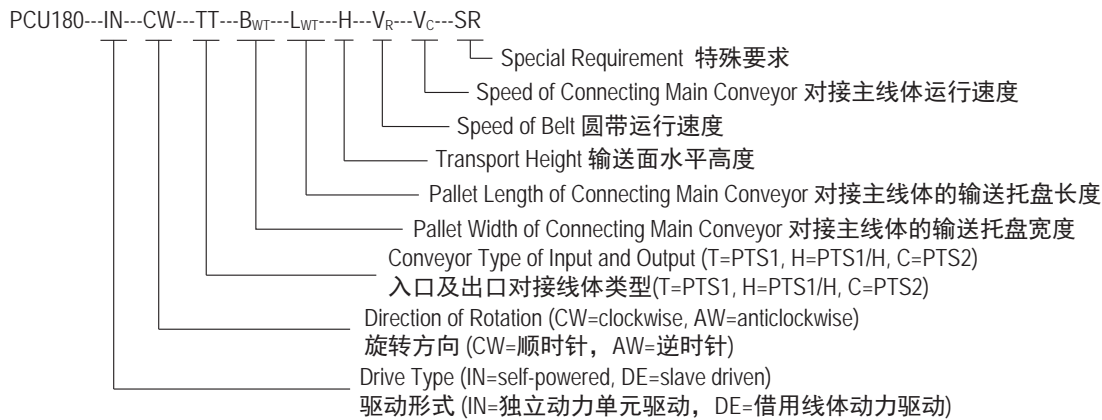
 Standard size of pallet suitable for 180° curve.
适用本机构托盘的标准尺寸。



Features/Benefits 特征

1. Modular design, independent part, simple structure, easy for 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(sensor, bracket 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



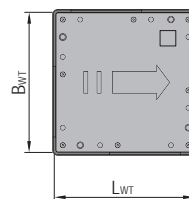
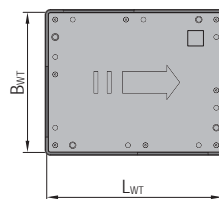
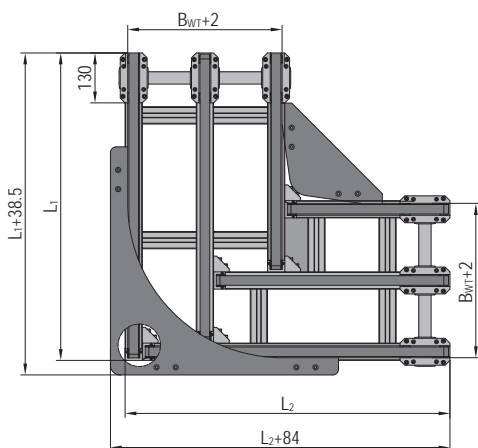
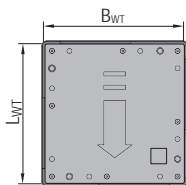
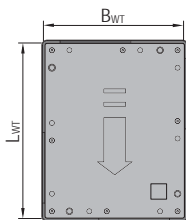
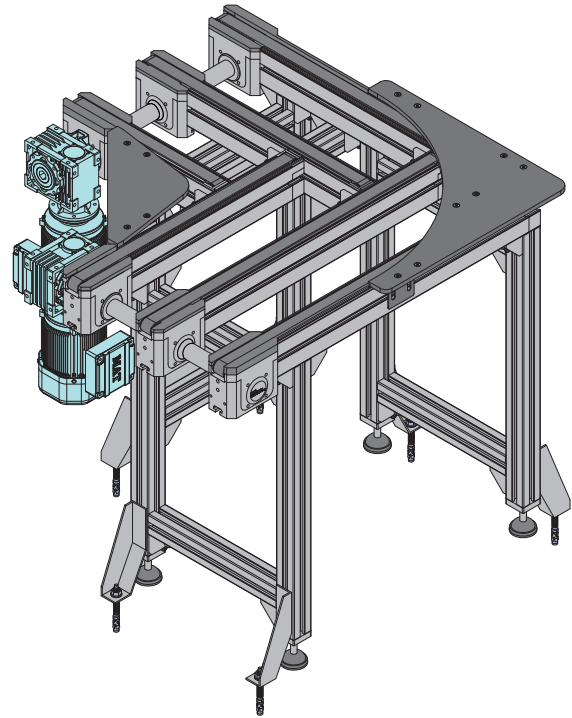
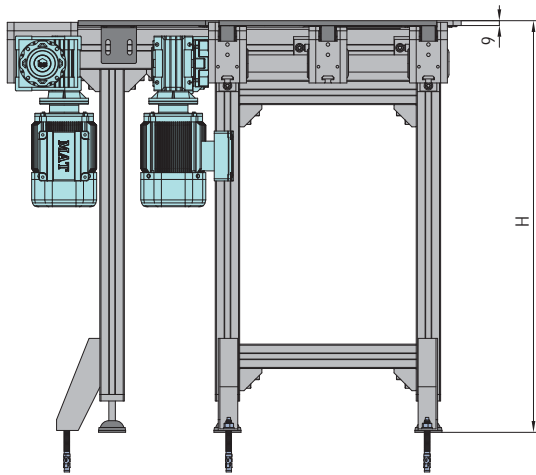
Example 订货范例:

PCU180---IN---CW---TT---B_{WT}240---L_{WT}320---V_R27---V_C15





PCU180 round belt curve---self-powered---clockwise rotation---PTS1 conveyor for both input and output---pallet width of connecting main conveyor 240mm---pallet length of connecting main conveyor 320mm---transport height 650mm---curve speed 27m/min---speed of connecting main conveyor 15m/min
PCU180 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---对接主线体的输送托盘宽度240mm---对接主线体的输送托盘长度320mm---输送面水平高度650mm---圆带运行速度27m/min---对接主线体运行速度15m/min


PFCU90 Forced Belt Curve
PFCU90 强制转弯

 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



B _{WT} (mm)	L _{WT} (mm)	C (mm)
240	240	267
	320	267
320	320	267
	400	307
400	320	307
	400	307

-  Maximum load capacity per pallet ≤ 30 kg.
单个托盘满载总重量 ≤ 30 kg。
-  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 ($L_{WT}/B_{WT} \leq 1.5$).
输送托盘的长宽比不可超过 1.5 倍 ($L_{WT}/B_{WT} \leq 1.5$)。
-  Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。

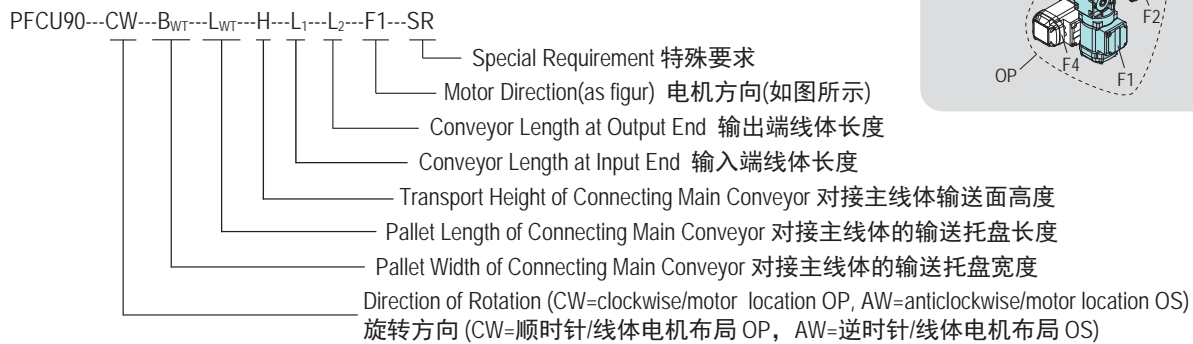
-  Standard size of pallet suitable for 180° curve.
适用本机构托盘的标准尺寸。



Features/Benefits 特征

1. Modular design, independent part, simple structure, easy for 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. The transition speed of the curve is about 90% of the main conveyor section (According to actual load).
此转弯机构过渡速度约为主线体 90% 左右 (具体视负载而定)
3. Palle 90° rotation without direction change
可实现托盘 90° 转弯, 不改变托盘的输送方向。
4. Only suitable for PTS1 conveyor
只适用于 PTS1 输送机。
5. To work with WP2/S, WP2/E or WP2/C.
可与 WP2/S、WP2/E、WP2/C 托盘组合。

Ordering Reference 订购

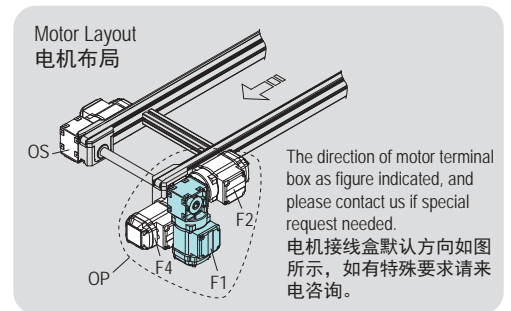


Example 订货范例:

PFCU90---CW---B_{wr}240---L_{wr}320---H500---L₁800---L₂800---F1

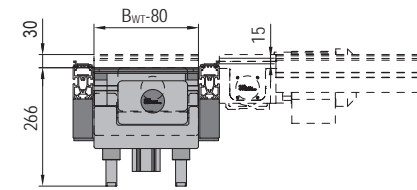
PFCU90 forced belt curve---clockwise rotation---pallet width of connecting main conveyor 240mm---pallet length of connecting main conveyor 320mm---transport height of connecting main conveyor 500mm---conveyor length at Input end 800mm---conveyor length at output end 800mm---motor direction F1

PFCU90 强制转弯---旋转方向顺时针---对接主线体的输送托盘宽度240mm---对接主线体的输送托盘长度320mm---对接主线体输送面高度500---输入端线体长度800---输出端线体长度800---电机方向F1

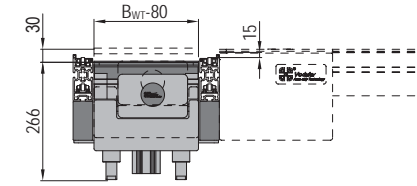


PLT60 Lift and Transverse Unit
PLT60 顶升横移

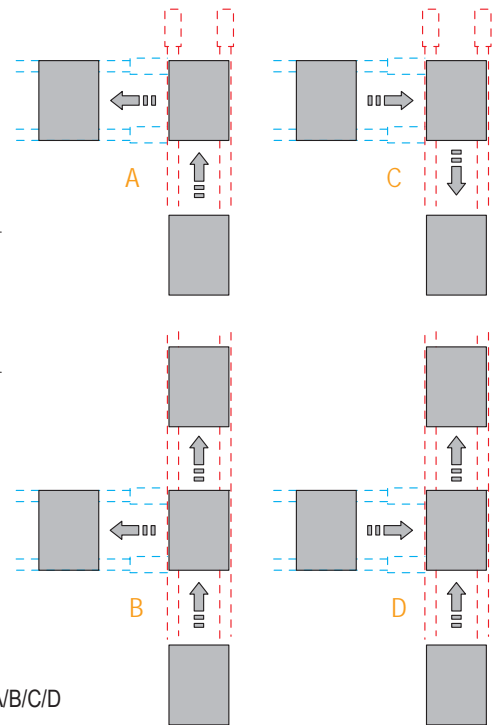
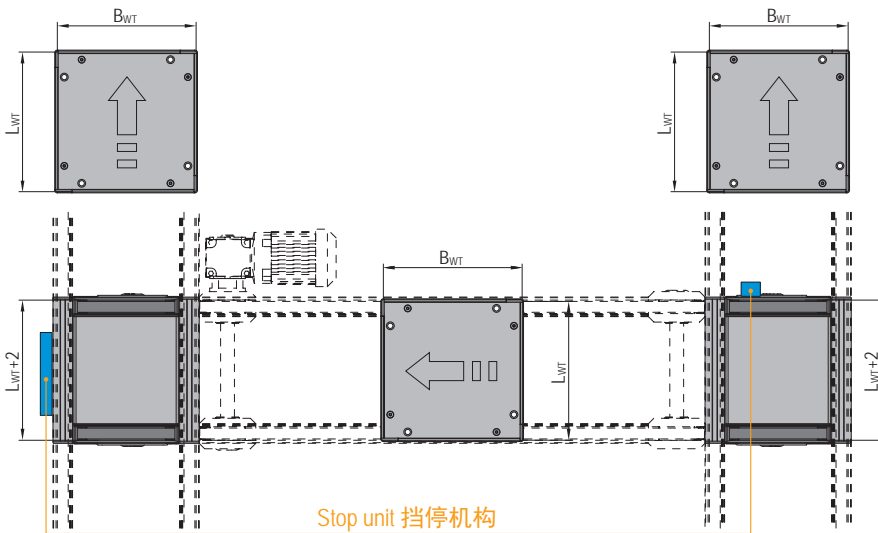
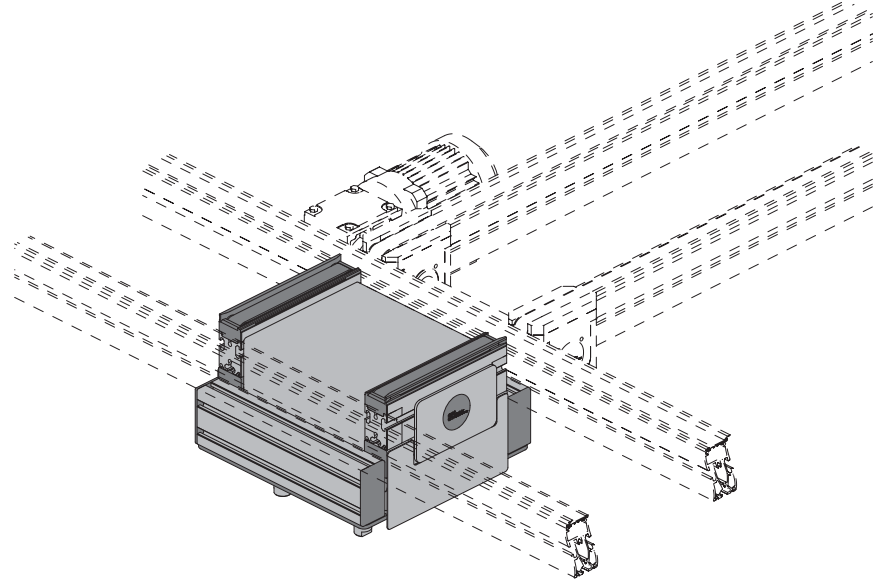
 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products
非标产品货期请来电咨询






▲ Main Conveyor PTS1 or PTS1/H
主线体为PTS1或PTS1/H



▲ Main Conveyor PTS2
主线体为PTS2



-  PLT60 Lift Transverse Unit excludes stop unit.
PLT60 顶升横移不包含挡停机构。
-  Maximum load capacity per pallet ≤ 50 kg.
单个托盘满载总重量 ≤ 50 kg。
-  Please cross check in the following table the pallet size suitable for lift and transverse unit type A/B/C/D when the branch line is PTS1 or PTS2.
当支线为 PTS1、PTS1/H 或 PTS2 时，适用 A, B, C, D 四种形式顶升横移的托盘尺寸如下表：

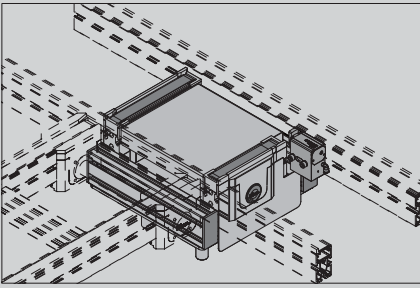
Transfer method 输送形式	PTS1	PTS1/H	PTS2
A	$B_{WT} \geq 160$	$B_{WT} \geq 300$	$B_{WT} \geq 300$
B	$B_{WT} \geq 160$	$B_{WT} \geq 300$	$B_{WT} \geq 300$
C	$B_{WT} \geq 160$	$B_{WT} \geq 240$	$B_{WT} \geq 240$
D	$B_{WT} \geq 160$	$B_{WT} \geq 240$	$B_{WT} \geq 240$

--- Main line/主线
--- Branch/支线



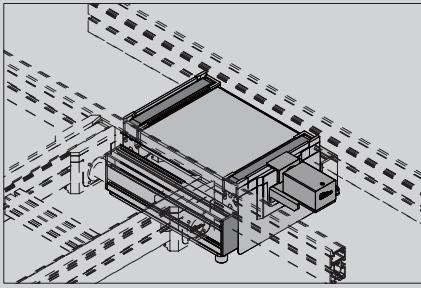
Other Types of Lift and Transverse Unit
其他类型顶升横移

PLT60 Lift and Transverse Unit - Unequal Side
PLT60 顶升横移-长短版型



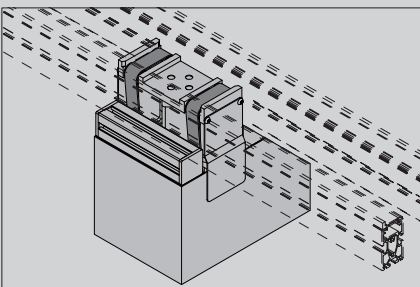
B _{WT} (mm)	L _{WT} (mm)
320	320
400	
480	
400	320
400	
480	
480	320
400	
480	

PLT60 Lift and Transverse Unit - Three-position Cylinder
PLT60 顶升横移-三位置型



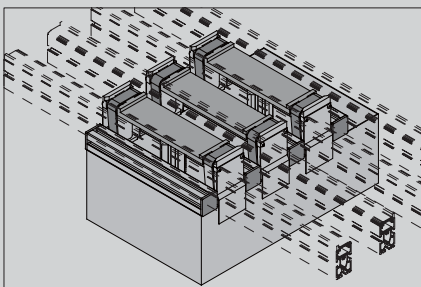
B _{WT} (mm)	L _{WT} (mm)
320	320
400	
480	
400	320
400	
480	
480	320
400	
480	

PLT30 Lift and Transverse Unit - Small Pallet
PLT30 顶升横移-迷你型



B _{WT} (mm)	L _{WT} (mm)
160	160
240	
320	
240	240
320	
400	
480	

PLT30 Lift and Transverse Unit - Triplet Unit
PLT30 顶升横移-三联体型



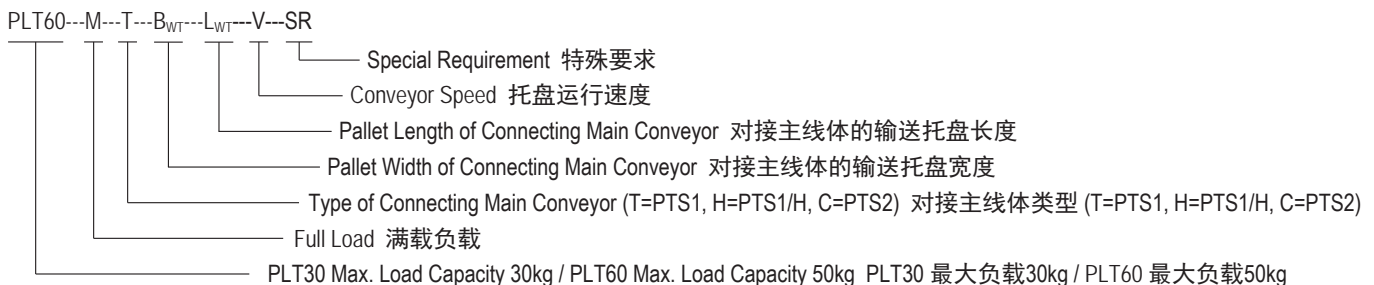
B _{WT} (mm)	L _{WT} (mm)
160	160
240	
320	
240	240
320	
400	
480	

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 (sensor, bracket 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)。
4. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。

⚠ 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。

Ordering Reference 订购



Example 订货范例:

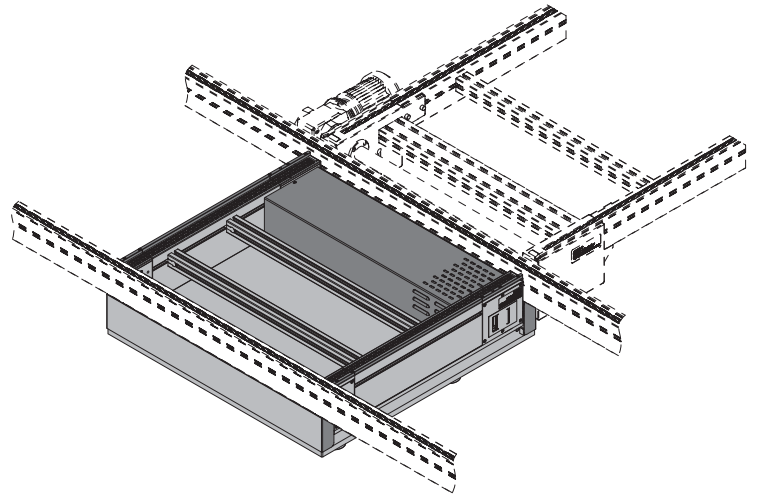
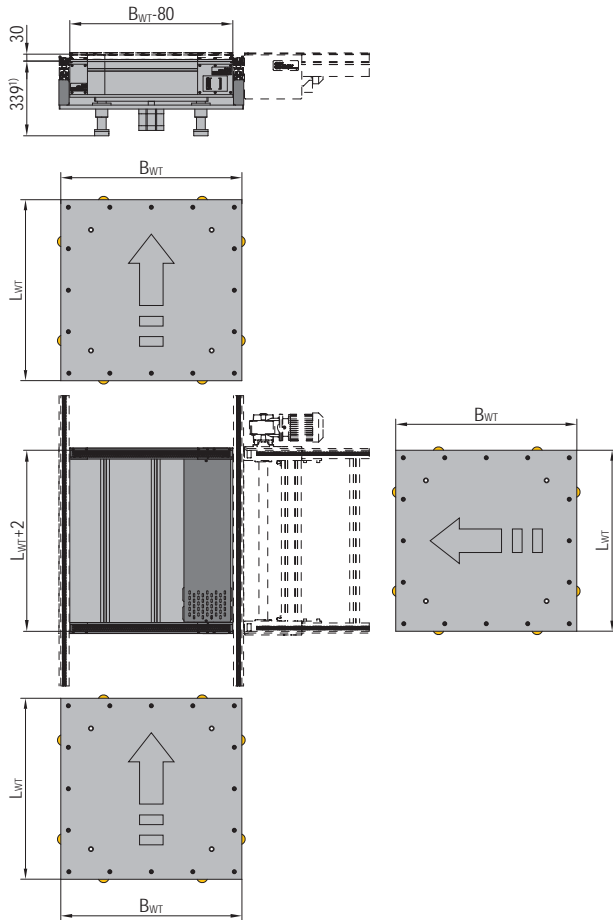
PLT60---M30---T---B_{WT}320---L_{WT}320---V10

PLT60 lift and transverse unit---full load 30 kg---main conveyor of PTS1---pallet width of connecting main conveyor 320 mm--pallet length of connecting main conveyor 320mm---conveyor speed 10m/min

PLT60 顶升横移---满载负载 30 kg---对接主线体类型为 PTS1---对接主线体的输送托盘宽度 320 mm---对接主线体的输送托盘长度 320 mm---托盘运行速度 10 m/min



PLT200 Lift and Transverse Unit
PLT200 顶升横移



¹⁾ Dimension for reference, please contact us for actual parameter.
¹⁾ 此为参考尺寸，具体参数请来电咨询。

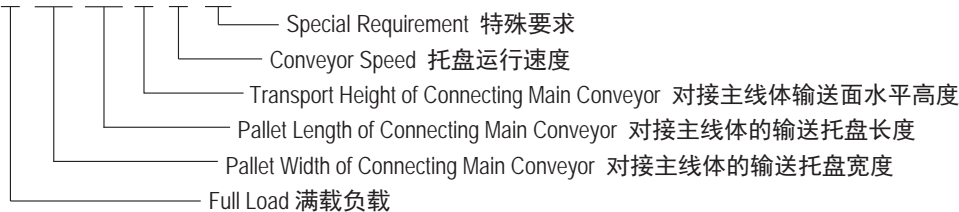
- ⚠ PLT200 lift and transverse unit excludes stop unit.
PLT200 顶升横移不包含挡停机构。
- ⚠ Maximum load capacity per pallet ≤ 200 kg.
单个托盘满载总重量 ≤ 200 kg。

Features/Benefits 特征

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 (sensor, bracket 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

PLT200---M---B_{WT}---L_{WT}---H---V---SR



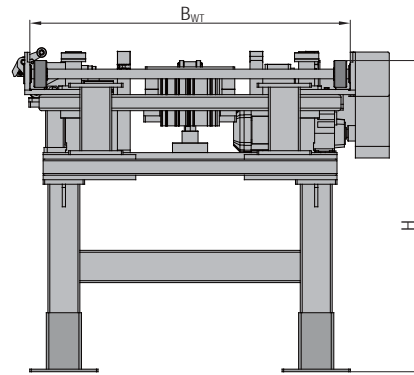
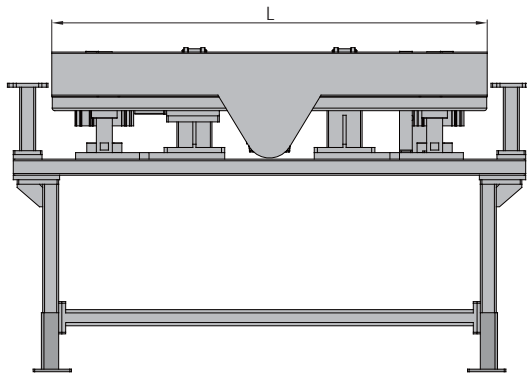
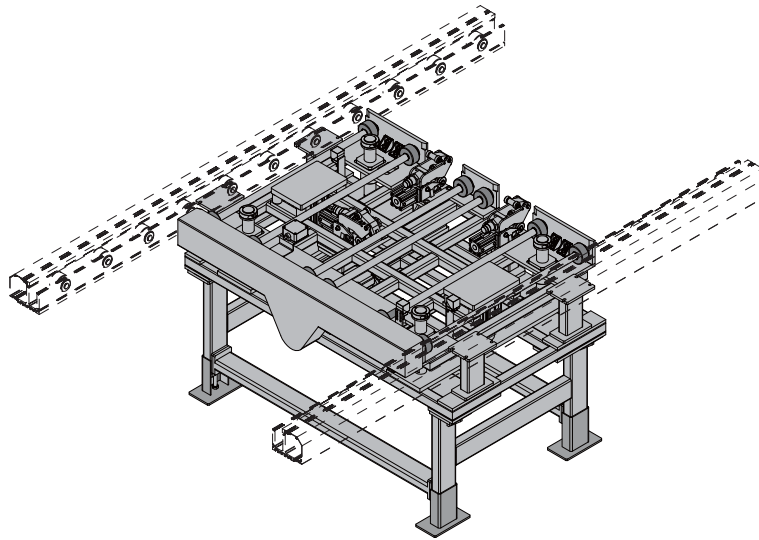
Example 订货范例:

PLT200---M200---B_{WT}600---L_{WT}800---H600---V10

PLT200 lift and transverse unit---full load 200 kg---pallet width of main conveyor 600 mm---pallet length of main conveyor 800 mm---conveyor speed 10 m/min
PLT200 顶升横移---满载负载 200 kg---主线体的输送托盘宽度 600 mm---主线体的输送托盘长度800 mm---托盘运行速度 10 m/min



PLT1000 Lift and Transverse Unit
PLT1000 顶升横移



⚠ Please contact us for more details.
相关参数请来电咨询。

Features/Benefits 特征

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 pallet conveyors of heavy duty.
配合重负载托盘输送机使用。

Ordering Reference 订购



Example 订货范例:

PLT1000---M800---B_{WT}600---L_{WT}800---H600---V10

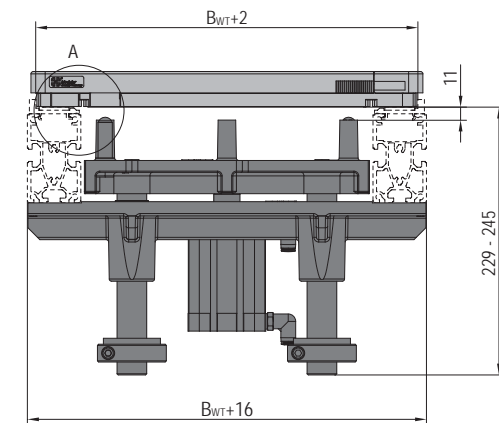
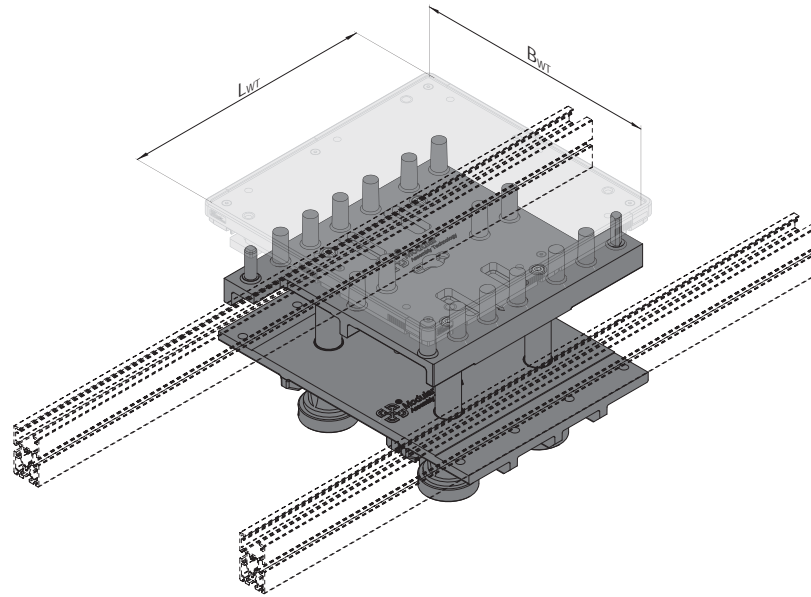
PLT1000 lift and transverse unit---full load 800 kg---pallet width of main conveyor 600 mm---pallet length of main conveyor 800 mm---transport height 600 mm---conveyor speed 10 m/min

PLT1000 顶升横移---满载负载 800 kg---主线体的输送托盘宽度 600 mm---主线体的输送托盘长度 800 mm---主线体输送面水平高度 600 mm---托盘运行速度 10 m/min

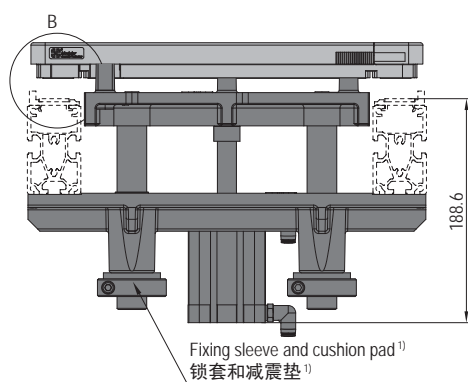
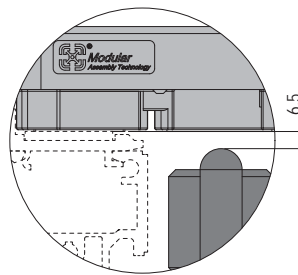


PPE30 Lift and Positioning Unit
PPE30 顶升定位

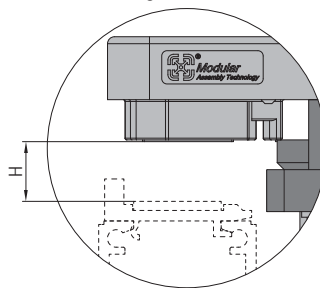
 Delivery 交货期 **15** Workday 工作日
 Please contact us for non-standard products
 非标产品货期请来电咨询



A Enlargement/放大



B Enlargement/放大



▲ Suitable for standard WP2/S, WP2/E or WP2/C pallet
适用于标准 WP2/S、WP2/E、WP2/C 托盘

B _{WT} (mm)	L _{WT} (mm)	B _{WT} (mm)	L _{WT} (mm)
160	160	320	400
	240		480
	320	400	240
240	160		320
	240		400
	320		480
	400	480	240
320	160		320
	240		400
	320		480

¹⁾ B_{WT} ≤ 240 mm, without fixing sleeve and cushion pad.

¹⁾ B_{WT} ≤ 240 mm, 无锁套和减震垫

! Rate route H_{WP2/S} = 17 mm; H_{WP2/C} = 10 mm
 额定行程 H_{WP2/S} = 17 mm; H_{WP2/C} = 10 mm

! PPE30 Lift and positioning unit excludes stop unit.
 PPE30 顶升定位不包含挡停机构。

! Maximum load capacity per pallet ≤ 30 kg.
 工件托盘最大总质量 ≤ 30 kg。

! To be used only with Modular pallet. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.

目前只配合Modular托盘使用，其它厂家或客户自制的托盘需经过我们事先认可，否则主线体及相关机构将无法保修！



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. Positioning accuracy ± 0.1 mm, to locate the pallet on the work place.
定位精准 ± 0.1 mm，在加工工位上定位工件托盘。
3. To locate the positioning sleeve with positioning bushing.
通过定位销与托盘上的定位套定位。
4. To work with WP2/S, WP2/E and WP2/C pallet.
可与 WP2/S、WP2/E 和 WP2/C 工件托盘组合。

Ordering Reference 订购



Example 订货范例:

PPE30---M30---T---B_{WT}240---L_{WT}320---H_{WP2/S}

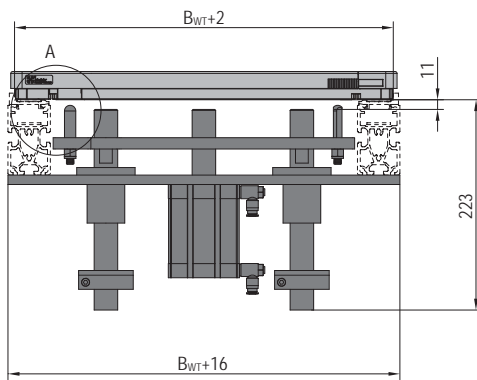
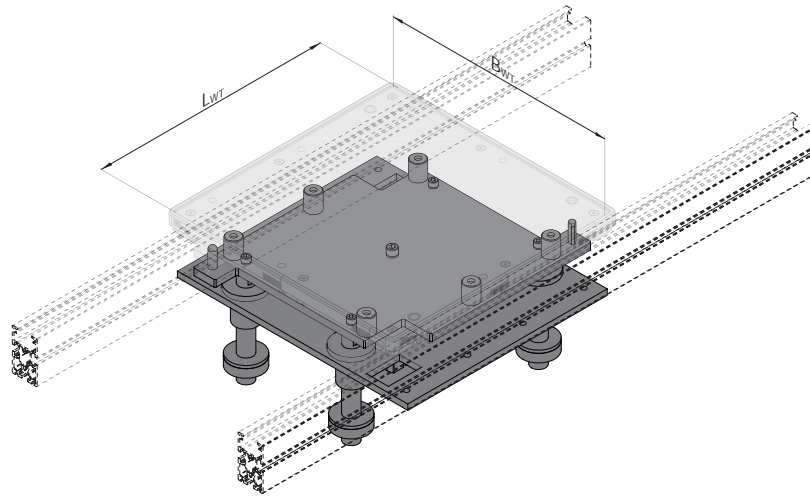
PPE30 lift and positioning unit---full load 30 kg---PTS1---pallet width of connecting main conveyor 240 mm---pallet length of connecting main conveyor 320 mm---used with WP2/S pallet, rate route 17 mm

PPE30 顶升定位---满载负载 30 kg---PTS1---对接主线体的输送托盘宽度 240 mm---对接主线体的输送托盘长度 320 mm---配合 WP2/S 托盘，额定行程 17 mm

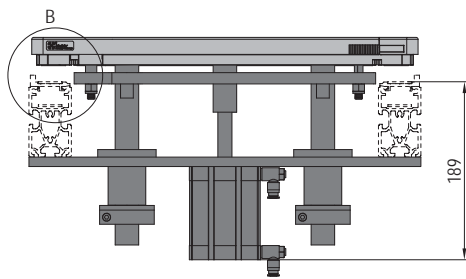
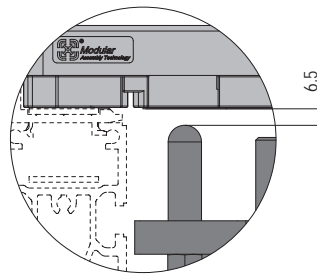
PPE60 Lift and Positioning Unit
PPE60 顶升定位

 Delivery 15 Workday
交货期 15 工作日

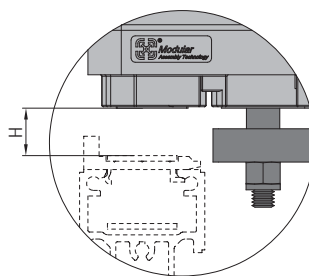
 Please contact us for non-standard products
非标产品货期请来电咨询



A Enlargement/放大



B Enlargement/放大



▲ Suitable for standard WP2/S, WP2/E or WP2/C pallet
适用于标准 WP2/S、WP2/E、WP2/C 托盘

B _{WT} (mm)	L _{WT} (mm)	B _{WT} (mm)	L _{WT} (mm)
240	240	400	480
	320		560
	400		640
	480	480	480
320	320		560
	400		640
	480	560	560
	560		640
	640	640	640
400	400		

- ⚠ Rate route $H_{WP2/S} = 17\text{ mm}$; $H_{WP2/C} = 10\text{ mm}$
额定行程 $H_{WP2/S} = 17\text{ mm}$; $H_{WP2/C} = 10\text{ mm}$
- ⚠ PPE60 Lift and positioning unit excludes stop unit.
PPE60 顶升定位不包含挡停机构。
- ⚠ Maximum load capacity per pallet $\leq 60\text{ kg}$, contact us for non-standard load requirement.
PPE60 顶升定位工件托盘最大总质量 $\leq 60\text{ kg}$, 支持非标设计, 超过此质量请来电咨询。
- ⚠ To be used only with Modular pallet. For the pallet from other suppliers or made by customers, we need to verify for the compatibility in advance, or we don't guarantee on the main conveyor line or related units.
目前只配合Modular托盘使用, 其它厂家或客户自制的托盘需经过我们事先认可, 否则主线体及相关机构将无法保修!



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. Positioning accuracy ± 0.1 mm, to locate the pallet on the work place.
定位精准 ± 0.1 mm，在加工工位上定位工件托盘。
3. To locate the positioning sleeve with positioning bushing.
通过定位销与托盘上的定位套定位。
4. To work with WP2/S, WP2/E and WP2/C pallet.
可与 WP2/S、WP2/E 和 WP2/C 工件托盘组合。

Ordering Reference 订购



Example 订货范例:

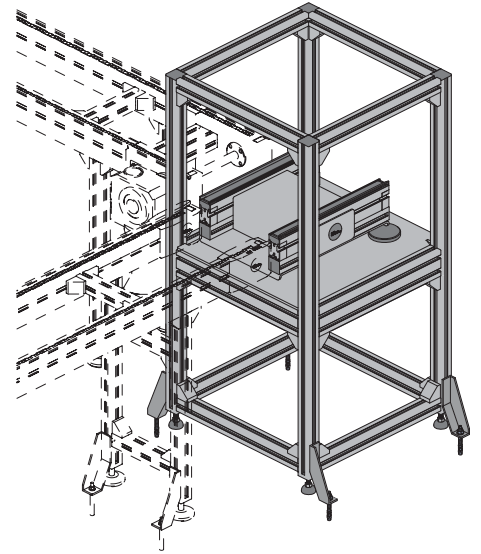
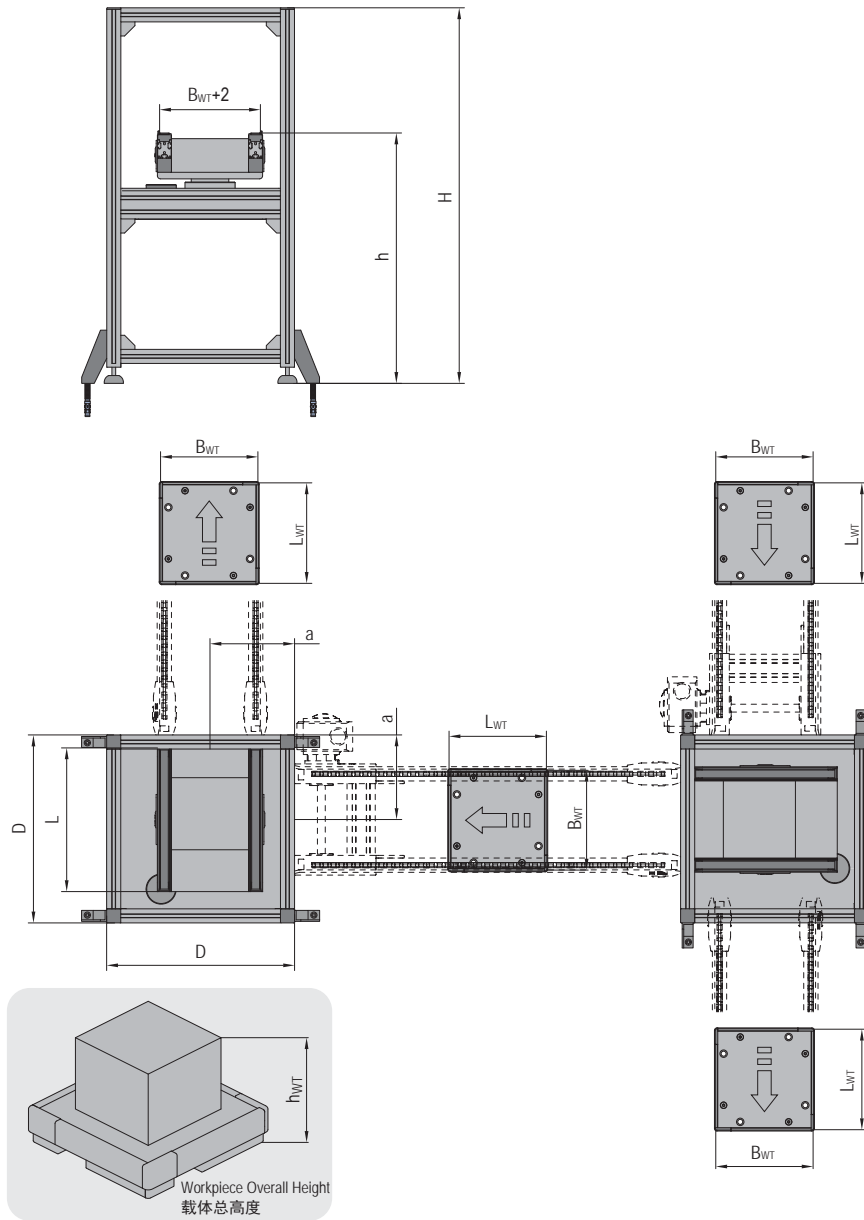
PPE60---M60---T---B_{WT}240---L_{WT}320---H_{WP2/S}

PPE60 lift and positioning unit---full load 60 kg---PTS1---pallet width of connecting main conveyor 240 mm---pallet length of connecting main conveyor 320 mm---rate route H_{WP2/S}






PPE60 顶升定位---满载负载 60 kg---PTS1---对接主线体的输送托盘宽度 240 mm---对接主线体的输送托盘长度 320 mm---配合 WP2/S 托盘，额定行程 17 mm

PRO60 Rotate Unit
 PRO60 转台


 Delivery 15 Workday
 交货期 15 工作日

 Please contact us for non-standard products
 非标产品货期请来电咨询


B _{WT} (mm)	L _{WT} (mm)	L (mm)	a (mm)	D (mm)
160	240	400	220	540 ★
	320	460	250	570 ★
240	240	400	230	550 ★
	320	460	260	570 ★
	400	540	295	675 ★
	480	620	335	690 ★
320	240	400	240	550
	320	460	270	600
	400	540	310	675
	480	620	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 ≤ 50 kg.
 单个托盘满载总重量 ≤ 50 kg。
- 
 Pay attention when selecting: $H \geq h + h_{WT} + 90$ mm.
 选型时须注意: $H \geq h + h_{WT} + 90$ mm。
- 
 When $L_{WT} \leq 240$ mm, PTS1 will be chosen for interconnection.
 当 $L_{WT} \leq 240$ mm时只能选用 PTS1 线体进行对接。
- 
 The motor of return conveyor will be arranged under the return plate when the pallet with ★ is chosen and the height of return conveyor will be increased by 130 mm.
 当选用带有★托盘时, 回转输送机驱动电机需布置在回转板下方, 这样回转输送机高度将增加 130 mm。
- 
 The pneumatic non-return valve is included to keep stable operation. Rotation $90^\circ \geq 2$ s when the pallet length/width ≤ 320 mm, rotation $90^\circ \geq 3$ s when the pallet length/width > 320 mm and < 480 mm. Please contact for special requirement.
 为保证机构转动平稳, 标配气控单向阀, 当托盘长宽 ≤ 320 mm时, 旋转 90° 用时 ≥ 2 s, 当托盘长宽 > 320 mm且 < 480 mm时, 旋转 90° 用时 ≥ 3 s。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 (sensor, bracket 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)。
4. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。

Ordering Reference 订购



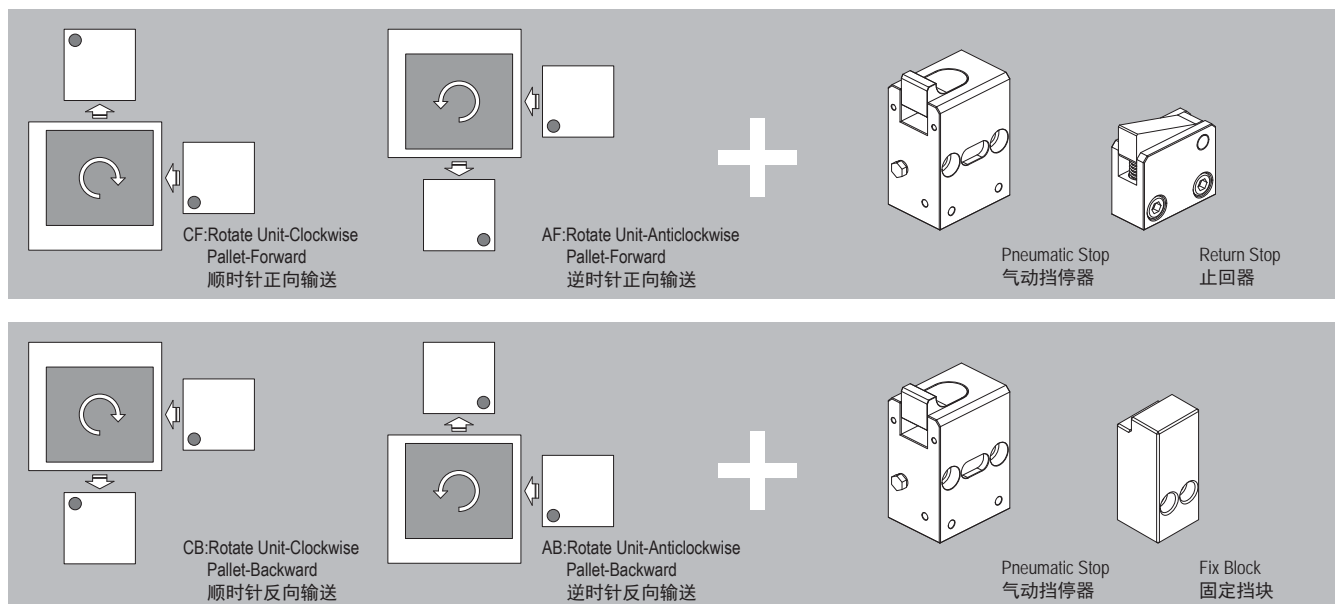
Example 订货范例:

PRO60---M30---PN---B_{WT}320---L_{WT}400---h650---h_{WT}100---V10---CB

PRO60 rotate unit---full load 30 kg---pneumatic rotation---pallet width 320 mm---pallet length 400 mm---transport height 650 mm---workpiece overall height 100 mm
---conveyor speed 10 m/min---Rotate Unit: Clockwise Pallet: Backward

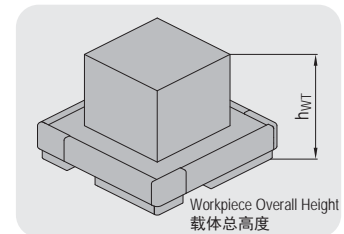
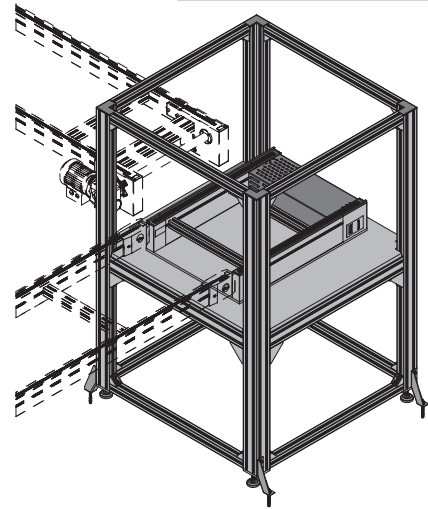
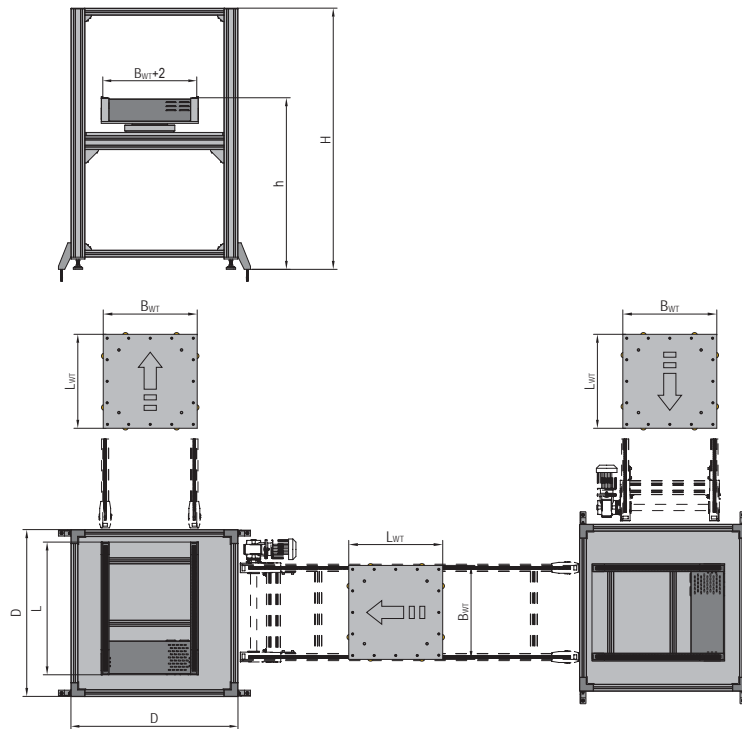
PRO60 转台---满载负载 30 kg---气动旋转---输送托盘宽度 320 mm---输送托盘长度 400 mm---输送面水平高度 650 mm---载体总高度为 100 mm
---托盘运行速度 10 m/min---顺时针反向输送

Conveying method 输送形式



PRO200 Rotate Unit
PRO200 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



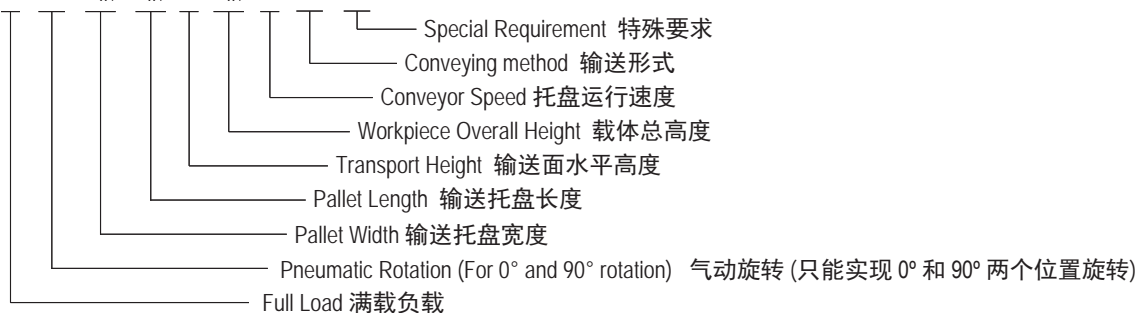
Features/Benefits 特征

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 (sensor, bracket 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)。
4. Conveying medium is 06B steel double chain.
传输介质为钢质06B双排链条。

- ⚠ Maximum load capacity per pallet ≤ 200 kg.
单个托盘满载总重量 ≤ 200 kg。
- ⚠ Pay attention when selecting: $H \geq h + h_{WT} + 90 \text{ mm}$.
选型时须注意: $H \geq h + h_{WT} + 90 \text{ mm}$ 。

Ordering Reference 订购

PRO200---M---PN---B_{WT}---L_{WT}---h---h_{WT}---V---CB---SR



Example 订货范例:

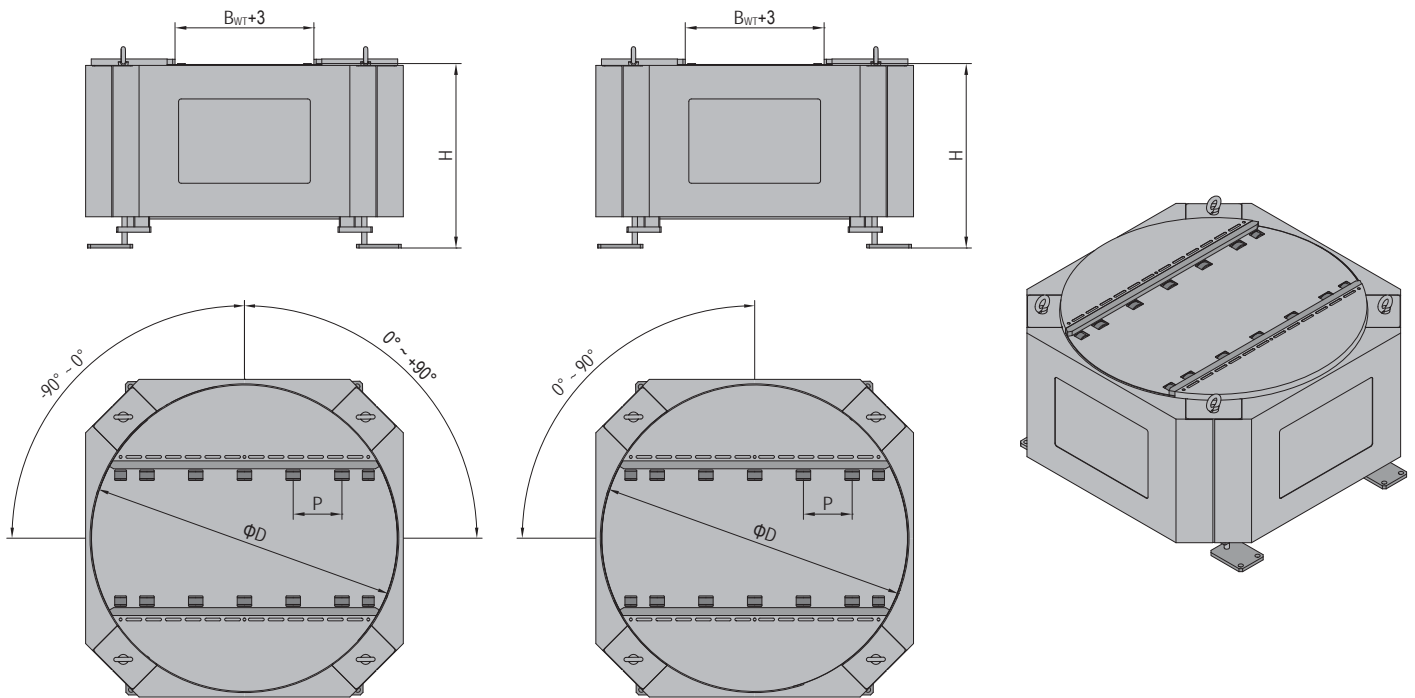
PRO200---M200---PN---B_{WT}320---L_{WT}400---h650---h_{WT}100---V10---CB

PRO200 rotate unit---full load 200 kg---pneumatic rotation---pallet width 320 mm---pallet length 400 mm---transport height 650 mm---workpiece overall height 100 mm
---conveyor speed 10 m/min---Rotate Unit: Clockwise Pallet: Backward.

PRO200 转台---满载负载 200 kg---气动旋转---输送托盘宽度 320 mm---输送托盘长度 400 mm---输送面水平高度 650 mm---载体总高度为 100 mm
---托盘运行速度10 m/min---顺时针反向输送。



PRO1000 Rotate Unit
PRO1000 转台



▲ Electrical Rotation
电动驱动旋转

▲ Pneumatic Rotation
气动驱动旋转

⚠ Please contact us for more details.
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



Example 订货范例:

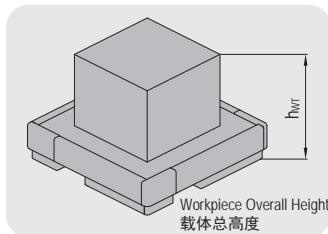
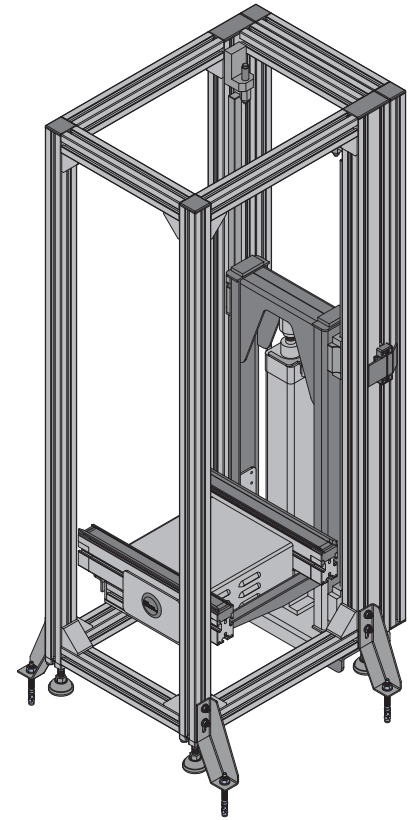
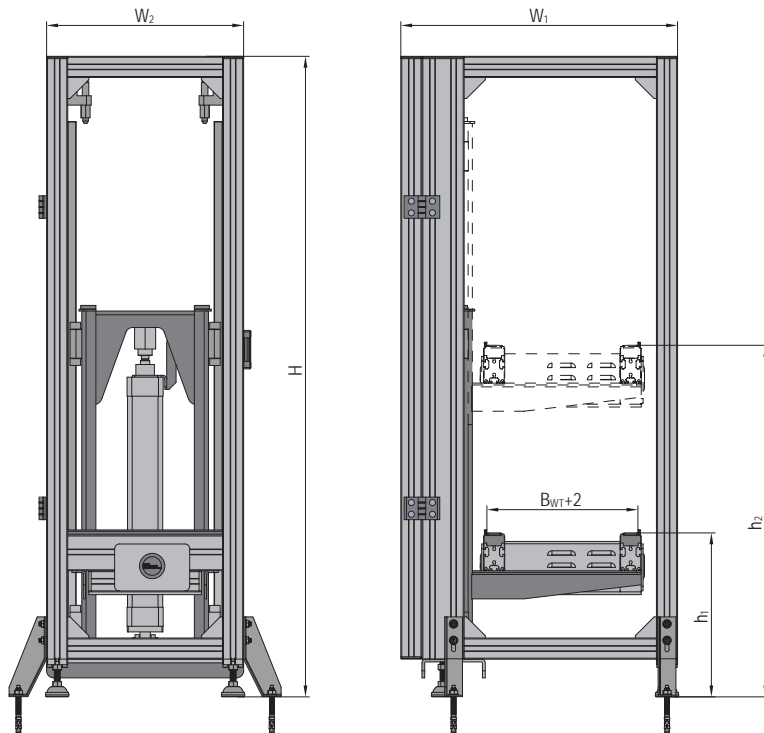
PRO1000---M800---PN---Bwt600---Lwt800---H600---V10

PRO1000 rotate unit---full load 800 kg---pneumatic rotation---pallet width 600 mm---pallet length 800 mm---transport height 600 mm---conveyor speed 10 m/min
PRO1000 转台---满载负载 800 kg---气动旋转---输送托盘宽度 600 mm---输送托盘长度 800 mm---输送面水平高度 600 mm---托盘运行速度 10 m/min


PLI60 Lift Unit
 PLI60 升降机





 Lift Unit - Cylinder With Rod (PLI60-SC)
 有杆气缸升降机 (PLI60-SC)


 Delivery 20 Workday
 交货期 20 工作日

 Please contact us for non-standard products
 非标产品货期请来电咨询


B _{WT} (mm)	W1 (mm)	L _{WT} (mm)	W2 (mm)
160	530	160	420
240	530	240	420
320	590	320	420
400	670	400	500
480	750	480	580


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

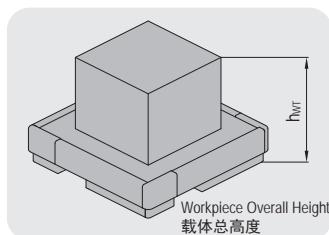
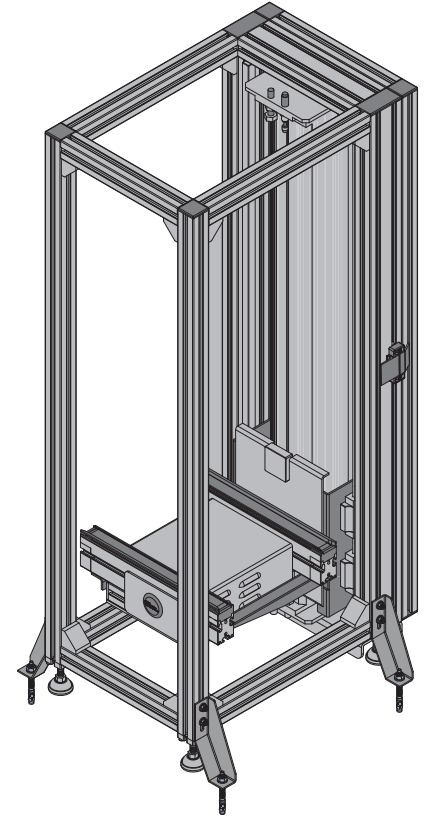
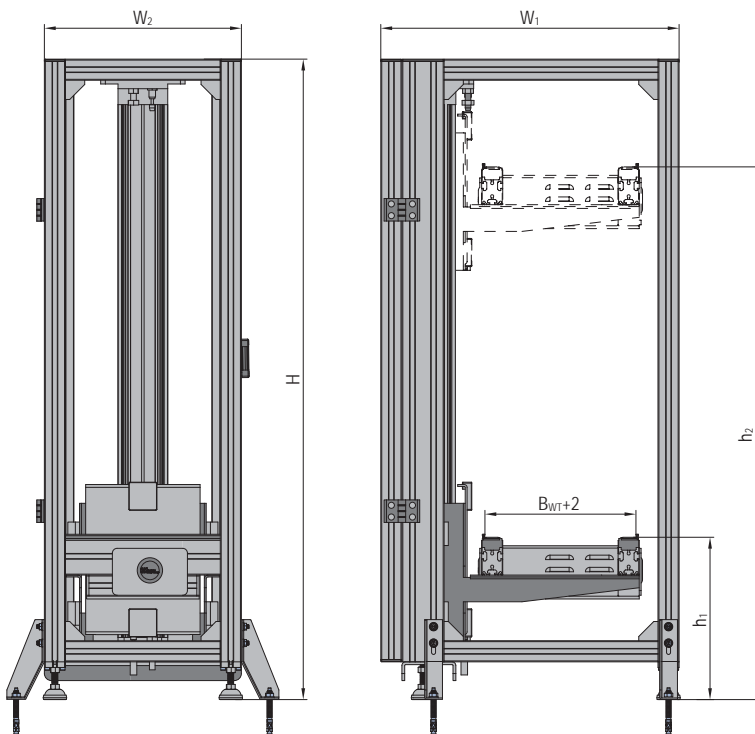
-  Maximum load capacity per pallet ≤ 50 kg.
单个托盘满载总重量 ≤ 50 kg。
-  $h_{\min} = 260$ mm, contact us for height less than 260mm.
 $h_{\min} = 260$ mm, 低于此高度请来电咨询。
-  Pay attention when selecting: When upper conveyor is PTS1, $h_2 - h_1 \geq h_{WT} + 130$;
When upper conveyor is PTS2, $h_2 - h_1 \geq h_{WT} + 230$.
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 stable operation, lifting speed ≤ 260 mm/s, and please contact us for special request.
为保证机构升降平稳, 标配气控单向阀, 升降速度 ≤ 260 mm/s, 若有特殊要求请来电咨询。




Lift Unit - Rodless Cylinder (PLI60-RC)
无杆气缸升降机 (PLI60-RC)





 Delivery 20 Workday
交货期 20 工作日

 Please contact us for non-standard products
非标产品货期请来电咨询



B_{WT} (mm)	W_1 (mm)	L_{WT} (mm)	W_2 (mm)
160	580	160	420
240	580	240	420
320	640	320	420
400	720	400	500
480	800	480	580

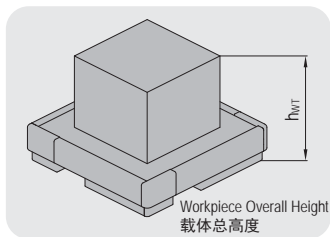
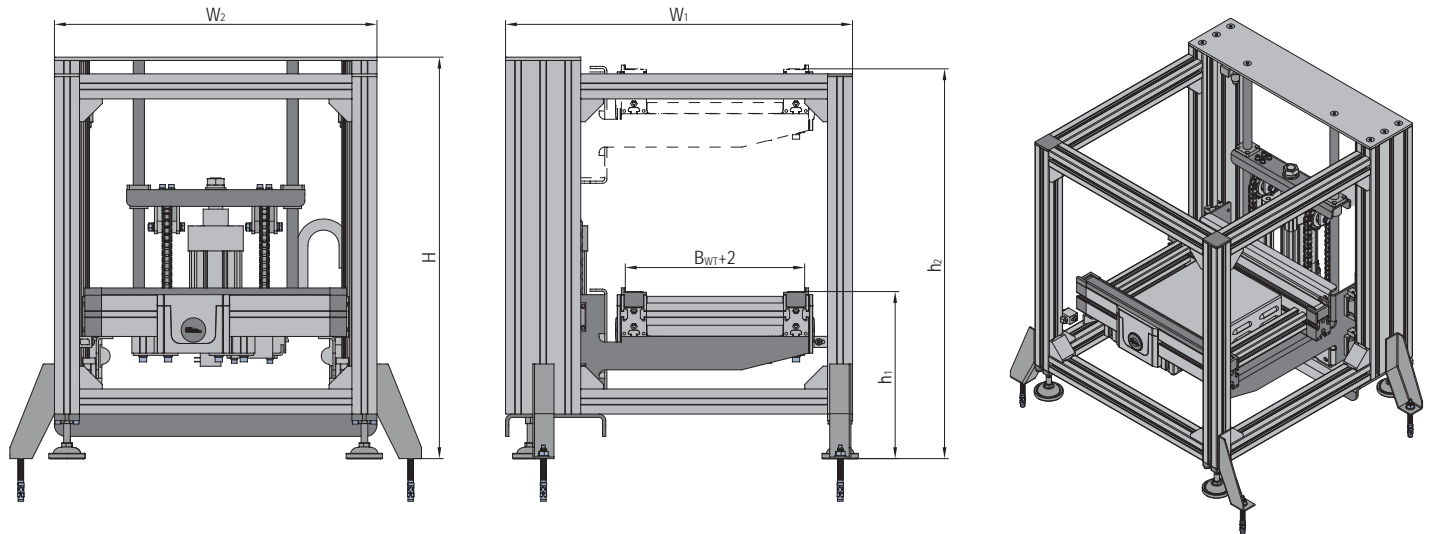
 Suitable for all standard size of Modular workpiece pallet.
适用所有标准尺寸的 Modular 托盘。

-  Maximum load capacity per pallet ≤ 50 kg.
单个托盘满载总重量 ≤ 50 kg。
-  $h_{1min} = 260$ mm, contact us for height less than 260mm.
 $h_{1min} = 260$ mm, 低于此高度请来电咨询。
-  Pay attention when selecting: When upper conveyor is PTS1, $h_2-h_1 \geq h_{WT}+130$;
When upper 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 stable operation, lifting speed ≤ 260 mm/s, and please contact us for special request.
为保证机构升降平稳, 标配气控单向阀, 升降速度 ≤ 260 mm/s, 若有特殊要求请来电咨询。









Lift Unit - Double Stroke (PLI60-DS)
 倍程升降机 (PLI60-DS)

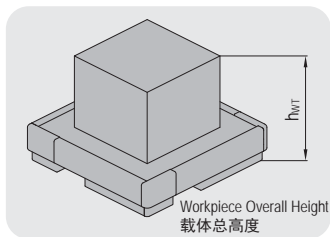
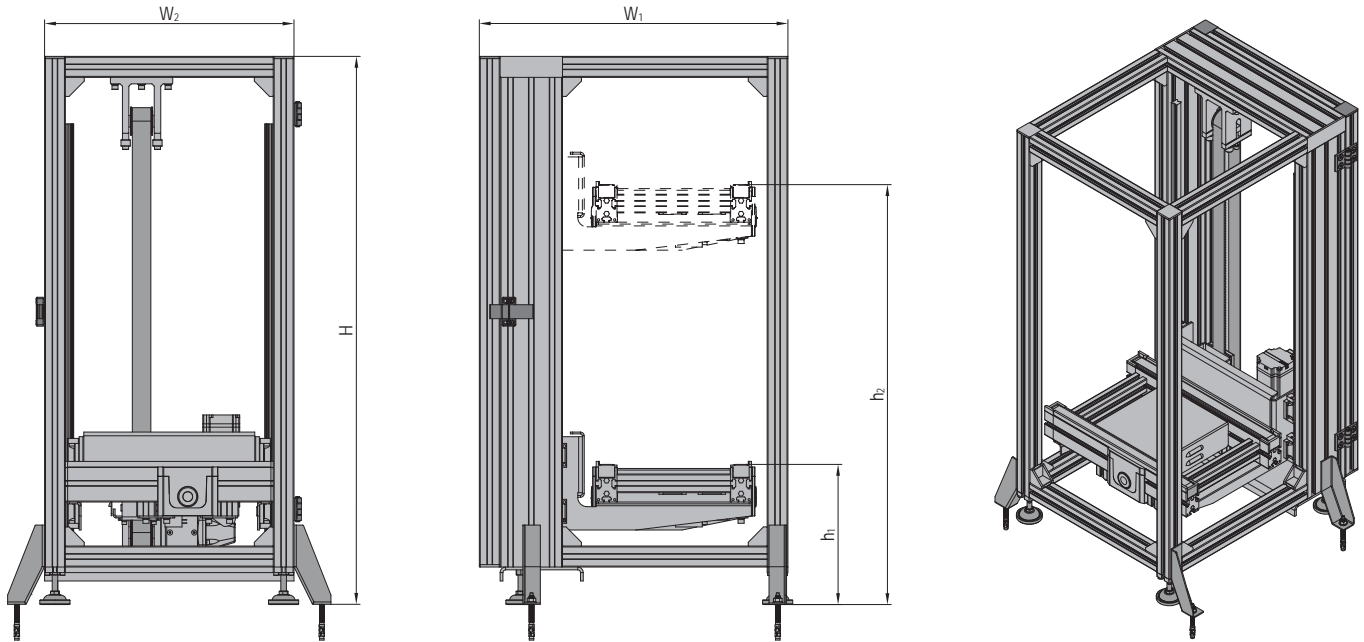

 Delivery 20 Workday
 交货期 20 工作日

 Please contact us for non-standard products
 非标产品货期请来电咨询






B _{WT} (mm)	W1 (mm)	L _{WT} (mm)	W2 (mm)
160	508	160	515
240	588	240	515
320	668	320	515
400	748	400	579
480	828	480	659


- 
 Maximum load capacity per pallet ≤ 50 kg.
 单个托盘满载总重量 ≤ 50 kg。
- 
 When $h_1 < 330$, $W_1 = B_{WT} + 348$, $W_2 \geq 515$, $H = h_2 - h_1 + 321$.
 When $h_1 \geq 330$, $W_1 = B_{WT} + 348$, $W_2 \geq 515$, $H = h_2 - 9$.
 当 $h_1 < 330$ 时, $W_1 = B_{WT} + 348$, $W_2 \geq 515$, $H = h_2 - h_1 + 321$;
 当 $h_1 \geq 330$ 时, $W_1 = B_{WT} + 348$, $W_2 \geq 515$, $H = h_2 - 9$ 。
- 
 Pay attention when selecting: $h_2 - h_1 \leq h_{WT} + 60$.
 选型时须注意: $h_2 - h_1 \leq h_{WT} + 60$ 。
- 
 The pneumatic non-returning valve is included to keep stable operation, lifting speed ≤ 260 mm/s, and please contact us for special request.
 为保证机构升降平稳, 标配气控单向阀, 升降速度 ≤ 260 mm/s, 若有特殊要求请来电咨询。
- 
 No protection on the top, contact us if the protection on the top is required.
 标准机型上层输送为敞开式, 若需安装防护, 请来电咨询。


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

Lift Unit - Timing Belt (PLI60-TB)
 同步带升降机 (PLI60-TB)


B _{WT} (mm)	W ₁ (mm)	L _{WT} (mm)	W ₂ (mm)
160	508	160	540
240	588	240	540
320	668	320	540
400	748	400	540
480	828	480	580

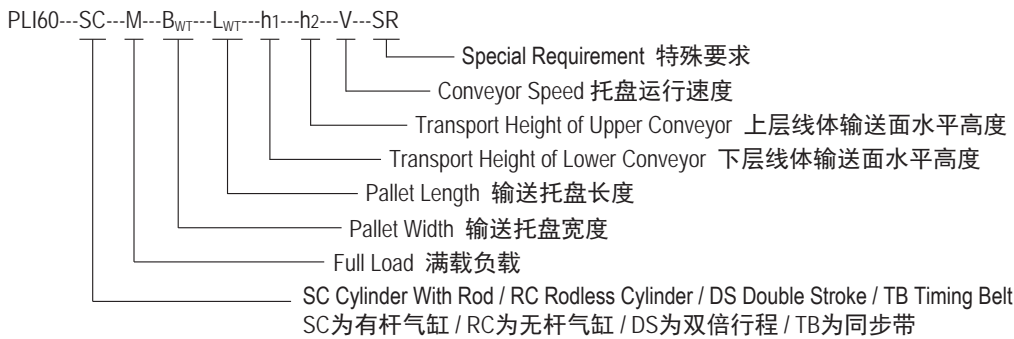
-  Maximum load capacity per pallet ≤ 50 kg.
 单个托盘满载总重量 ≤ 50 kg。
-  $h_{1min} = 300$ mm, contact us for height less than 300mm.
 $h_{1min} = 300$ mm, 低于此高度请来电咨询。
-  Pay attention when selecting: When upper conveyor is PTS1, $h_2 - h_1 \geq h_{WT} + 130$;
 When lower conveyor is PTS2, $h_2 - h_1 \geq h_{WT} + 230$.
 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 standard unit is driven by servo motor, lifting speed ≤ 600 mm/s, and please contact us for special request.
 标准配置为伺服电机驱动, 升降速度 ≤ 600 mm/s, 若有特殊要求请来电咨询。

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

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 (sensor, bracket 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）。
4. Conveying medium is antistatic toothed belt.
传输介质为防静电型齿形带。
5. Suitable for all standard size of Modular workpiece pallet.
适用所有标准尺寸的 Modular 托盘。

Ordering Reference 订购



Example 订货范例:

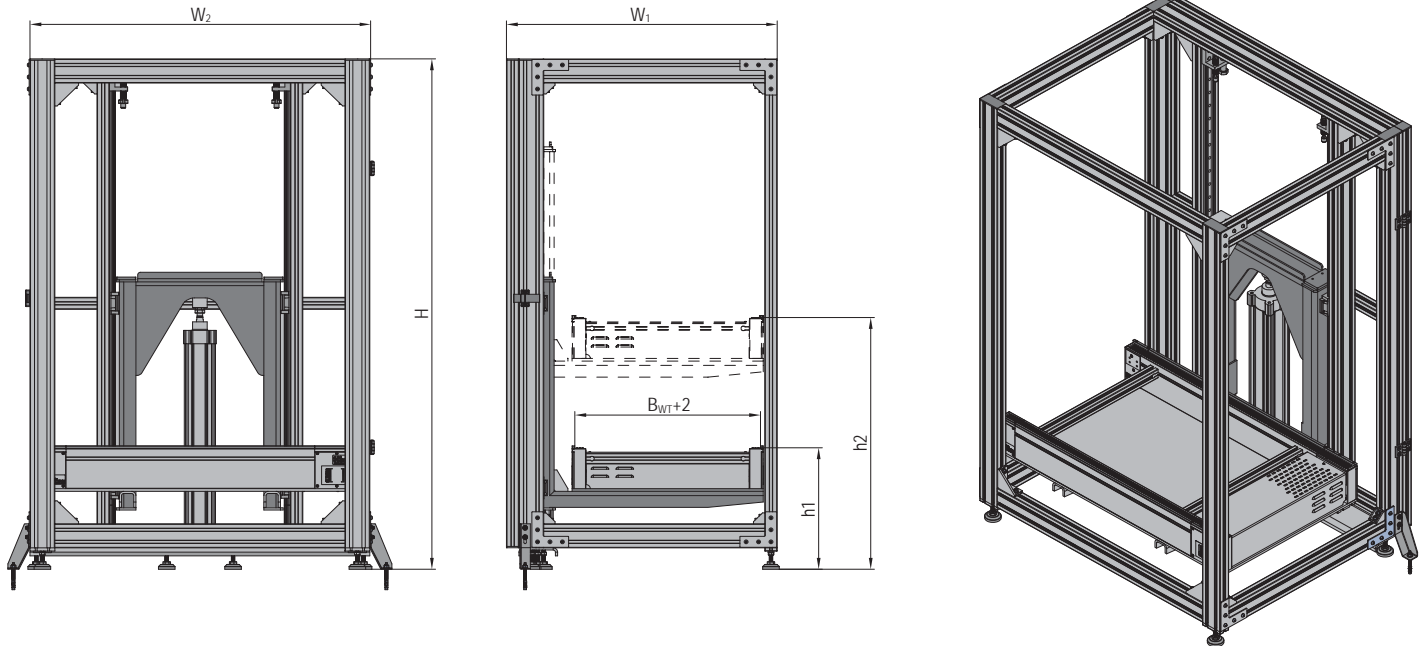
PLI60---SC---M30---B_{WT}320---L_{WT}320---h1350---h2750---V10

PLI60 lift unit---cylinder with rod---full load 30 kg---pallet width 320 mm---pallet length 320 mm---transport height of lower conveyor 350 mm---transport height of upper conveyor 750 mm---conveyor speed 10 m/min

PLI60 升降机---有杆气缸---满载负载 30 kg---输送托盘宽度 320 mm---输送托盘长度 320 mm---下层线体输送面水平高度 350 mm---上层线体输送面水平高度 750 mm---托盘运行速度10m/min

PLI200 Lift Unit
PLI200 升降机

Lift Unit - Cylinder With Rod (PLI200-SC)
有杆气缸升降机 (PLI200-SC)



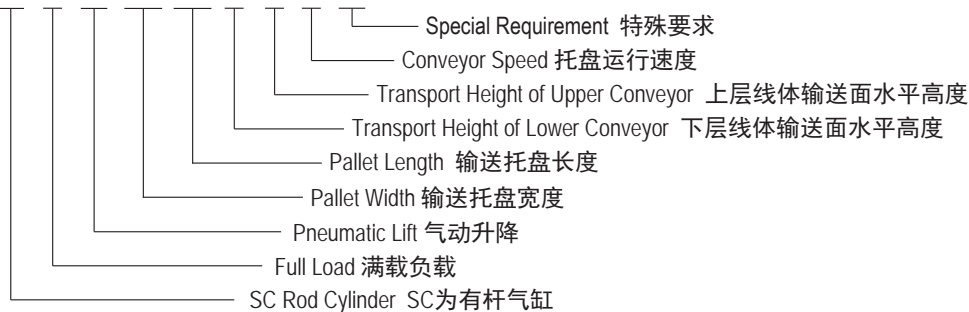
⚠ Please contact us for more details.
相关参数请来电咨询。

Features/Benefits 特征

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. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。
4. Conveying medium is 06B steel double chain.
传输介质为钢质 06B 双排链条。

Ordering Reference 订购

PLI200---SC---M---PN---B_{wt}---L_{wt}---h1---h2---V---SR



Example 订货范例:

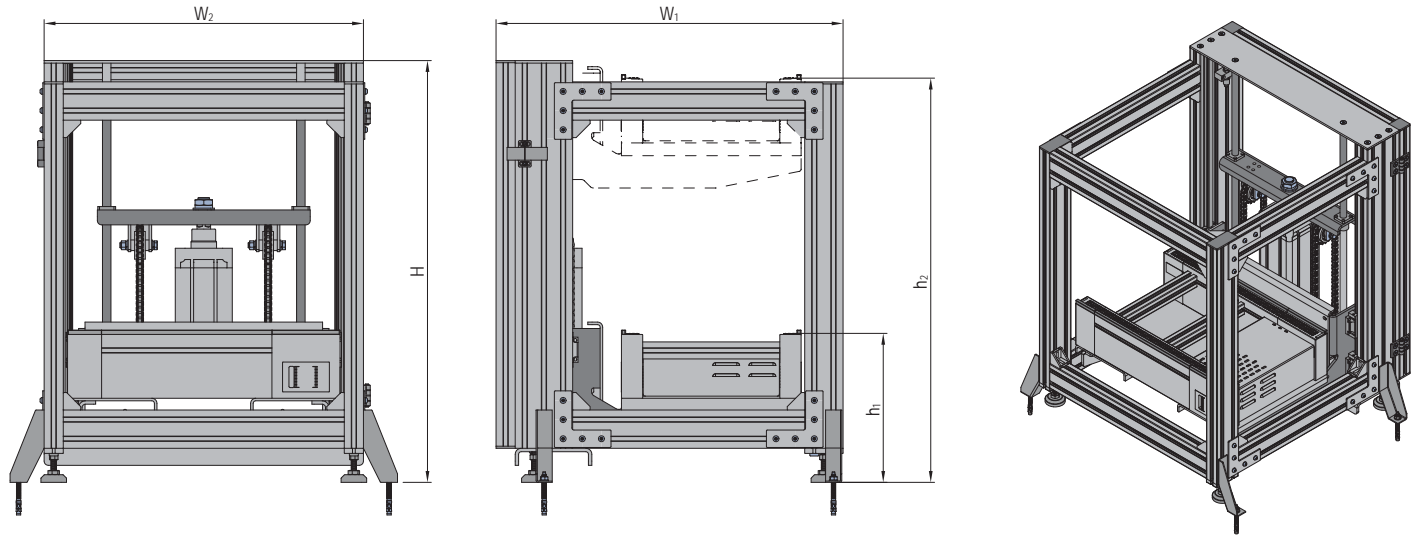
PLI200---SC---M200---PN---B_{wt}600---L_{wt}800---h1350---h2750---V10

PLI200 lift unit---SC rod cylinder---full load 200 kg---pneumatic lift---pallet width 600 mm---pallet length 800 mm---transport height of lower conveyor 350 mm---transport height of upper conveyor 750 mm---conveyor speed 10 m/min.

PLI200 升降机---满载负载 200 kg---气动升降---输送托盘宽度 600 mm---输送托盘长度 800 mm---下层线体输送面水平高度 350 mm---上层线体输送面水平高度 750 mm---托盘运行速度 10 m/min。



Lift Unit - Double Stroke (PLI200-DS)
倍程升降机 (PLI200-DS)

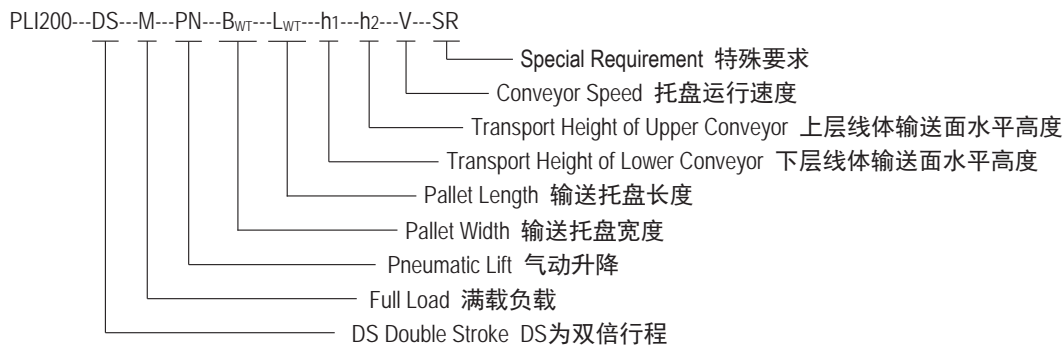


- ❗ Maximum load capacity per pallet ≤ 200 kg.
单个托盘满载总重量 ≤ 200 kg。
- ❗ When $h_1 < 400$, $W_1 = B_{WT} + 415$, $W_2 = L + 110 \geq 650$, $H = h_2 + 90$.
When $h_1 \geq 400$, $W_1 = B_{WT} + 415$, $W_2 = L + 110 \geq 650$, $H = h_2 - 9$.
当 $h_1 < 400$ 时, $W_1 = B_{WT} + 415$, $W_2 = L + 110 \geq 650$, $H = h_2 + 90$;
当 $h_1 \geq 400$ 时, $W_1 = B_{WT} + 415$, $W_2 = L + 110 \geq 650$, $H = h_2 - 9$ 。
- ❗ The pneumatic non-returning valve is included to keep stable operation, lifting speed ≤ 260 mm/s, and please contact us for special request.
为保证机构升降平稳, 标配气控单向阀, 升降速度 ≤ 260 mm/s, 若有特殊要求请来电咨询。

Features/Benefits 特征

1. Pulley block and cylinder for lifting, compact structure, open top. Easy for assembly and maintenance.
链式提升、结构紧凑、顶层敞开式输送、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 direction of pallets.
可实现托盘的垂直循环, 输送时改变托盘的方向。
3. T slot aluminum profile frame for easy accessory attachment (sensor, bracket 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)。
4. Conveying medium is 06B steel double chain.
传输介质为钢质 06B 双排链条。

Ordering Reference 订购



Example 订货范例:

PLI200---DS---M100---PN---B_{WT}600---L_{WT}800---h₁350---h₂750---V10

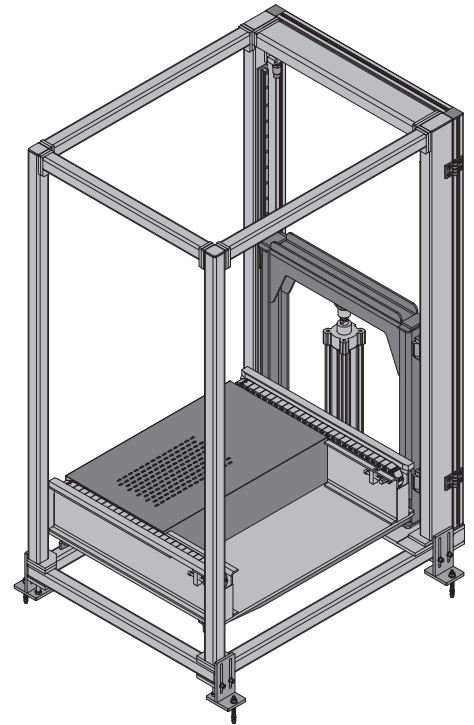
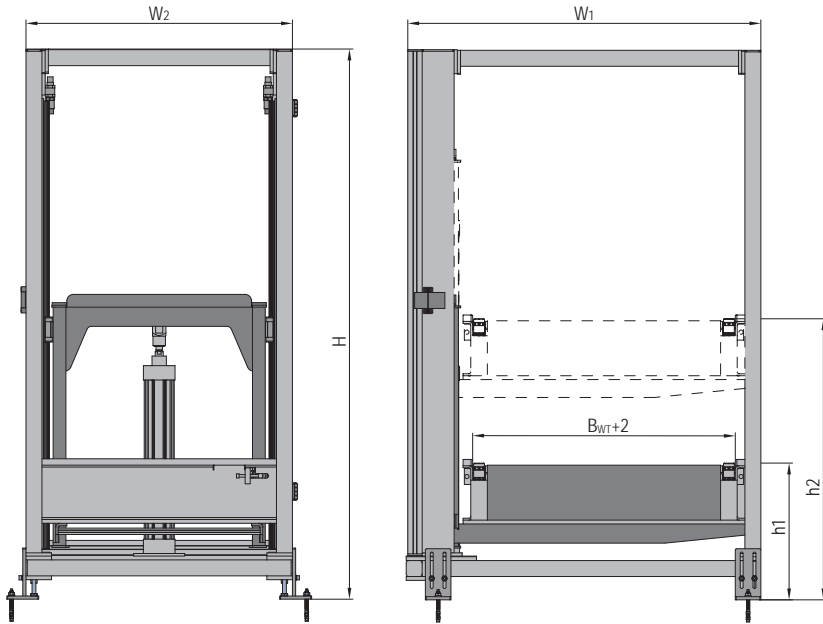
PLI200 lift unit---double stroke---full load 100 kg---pneumatic lift---pallet width 600 mm---pallet length 800 mm---transport height of lower conveyor 350 mm---transport height of upper conveyor 750 mm---conveyor speed 10 m/min

PLI200 升降机---双倍行程---满载负载 100 kg---气动升降---输送托盘宽度 600 mm---输送托盘长度 800 mm---下层线体输送面水平高度 350 mm---上层线体输送面水平高度 750 mm---托盘运行速度 10 m/min



PLI300 Lift Unit
PLI300 升降机

Lift Unit - Cylinder With Rod (PLI300-SC)
有杆气缸升降机 (PLI300-SC)

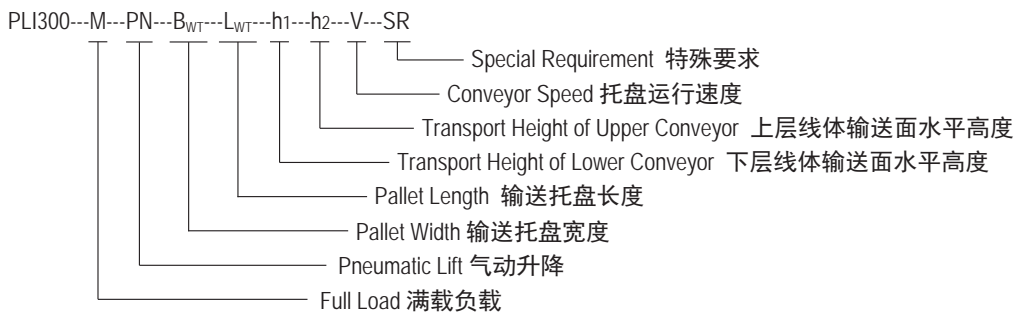


! Please contact us for more details.
相关参数请来电咨询。

Features/Benefits 特征

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 carbon steel.
边框为高强度碳钢支架。
4. Conveying medium is U type plate chain.
传输介质为钢质U型覆板链。

Ordering Reference 订购



Example 订货范例:

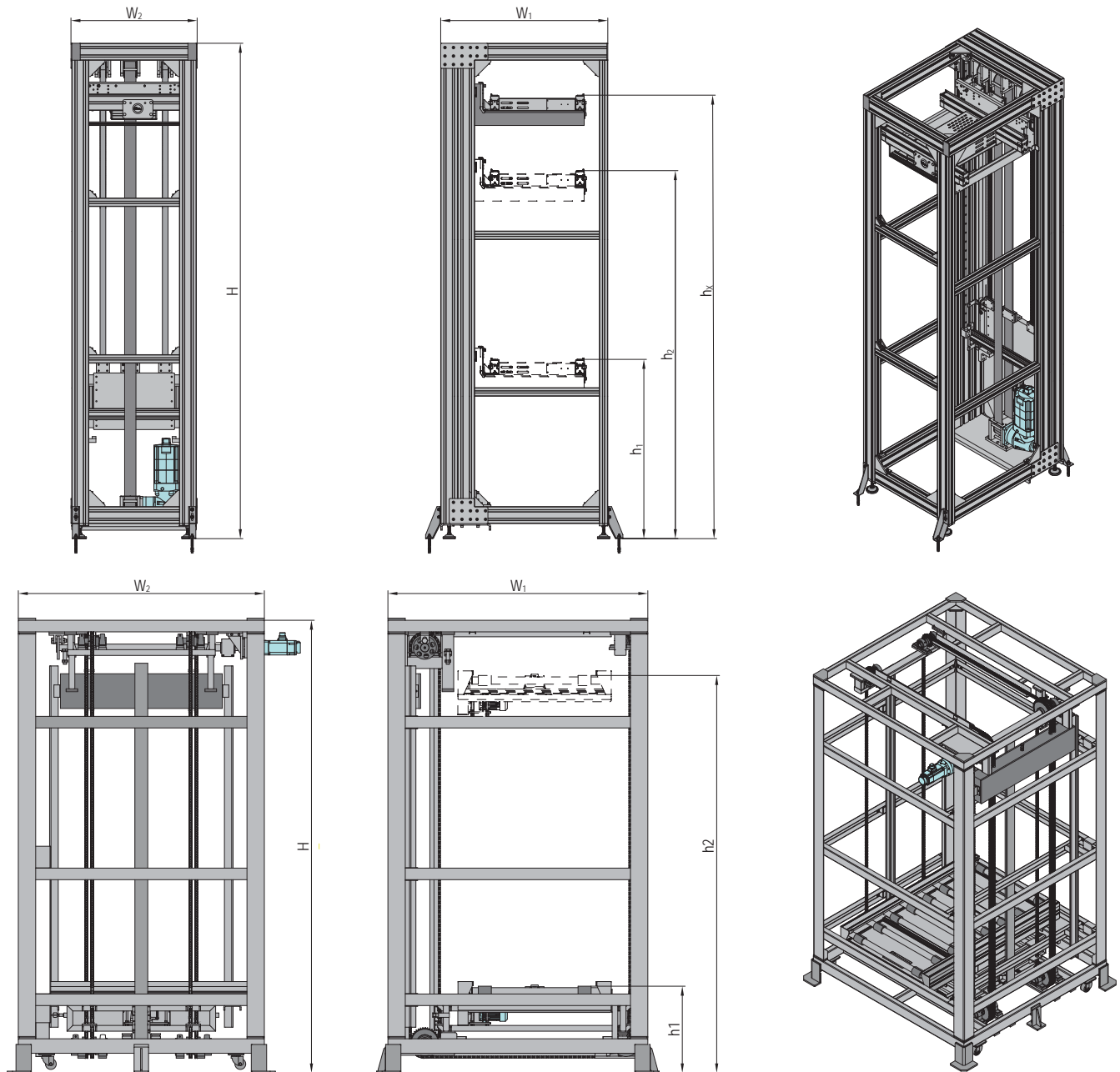
PLI300---M300---PN---B_{WT}600---L_{WT}800---h₁350---h₂750---V10

PLI300 lift unit---full load 300 kg---pneumatic lift---pallet width 600 mm--pallet length 800 mm---transport height of lower conveyor 350 mm---transport height of upper conveyor 750 mm---conveyor speed 10 m/min

PLI300 升降机---满载负载 300 kg---气动升降---输送托盘宽度 600 mm--输送托盘长度 800 mm---下层线体输送面水平高度 350 mm---上层线体输送面水平高度 750 mm---托盘运行速度10 m/min



Other Types of Lift Units
其他类型升降机



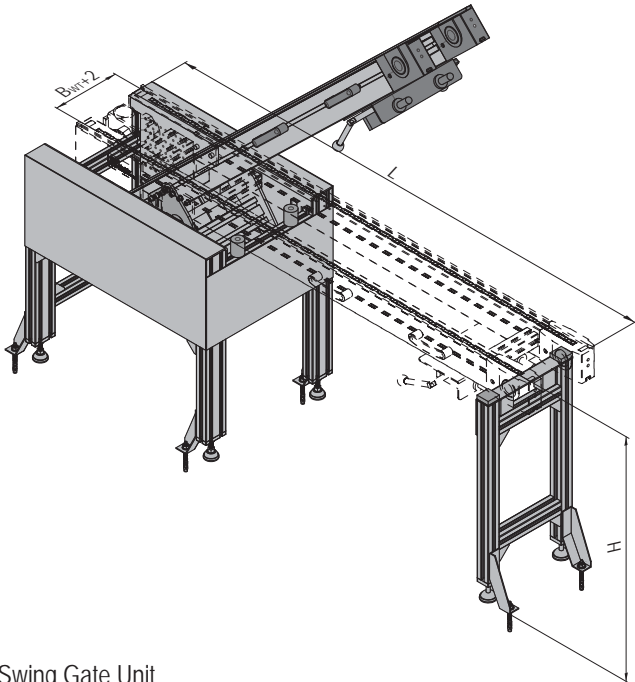
⚠ Please contact us for more details.
相关参数请来电咨询。




Features/Benefits 特征

1. Lift unit is used to transfer workpiece pallets vertically for long distance and multiple levels, with changing the direction of pallets.
可实现托盘长距离、多点位的垂直循环，输送时改变托盘的方向。
2. The lifting medium is steel chain or high strength toothed belt, suitable for many working situations.
提升介质为钢制链条或高强度齿形带，灵活适应多种工况。
3. The frame is carbon steel structure or aluminum profile, suitable for different load requirements.
整体框架可按实际设计为碳钢结构或铝型材结构，适应不同负载需求。
4. The safety latch mechanism and detection mechanism are easy for maintenance.
独特的安全插销机构与检测装置，便于维护与保养。
5. The conveying medium is not limited to accumulation chain, toothed belt or roller, suitable for different types of pallets.
传输介质不限于积放链条、齿形带、辊道，可适应不同类型托盘。

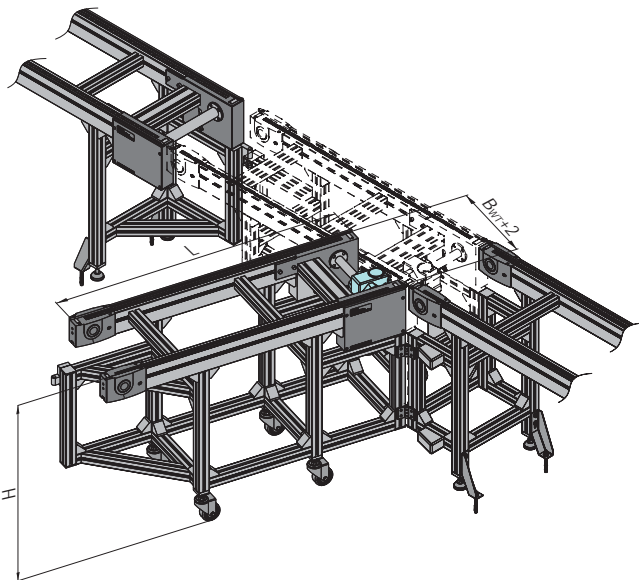





Lift Gate Unit
升降门单元



-  The standard lift gate unit can be used with PTS1 and PTS2 conveyors. The lift gate unit for other conveyor types can be custom made. Contact us for more details.
PT1、PTS2输送机可配置标准升降门单元，其余输送机支持非标定制，详情来电咨询。
-  The unit can be manually flipped up in the range of 0~90°. The unit is supported by spring air spring when it flips up and locked by manual latch when it is in horizontal position.
机构可满足0-90度的手动翻转，翻转上位采用气弹簧支撑，水平下位配手动插销机构。
-  The sensor is used to detect the connection situation of the conveyor. The unit is equipped with installation bracket of sensor (sensor excluded).
输送线闭合状态通过传感器检测，含传感器安装支架（不含传感器）。

Swing Gate Unit
摆动门单元



-  The standard swing gate unit can be used with PTS1 and PTS2 conveyors. The swing gate unit for other conveyor types can be custom made. Contact us for more details.
PT1、PTS2 输送机可配置摆动门单元，其余输送机支持非标定制，详情来电咨询。
-  The unit can be manually opened in the range of 0~150°. The unit is locked by manual latch at original position.
机构可实现手动平开门动作，开门角度不超过 150 度，线体初始位置配手动插销机构。
-  The sensor is used to detect the connection situation of the conveyor. The unit is equipped with installation bracket of sensor (sensor excluded).
输送线闭合状态通过传感器检测，含传感器安装支架（不含传感器）。

Ordering Reference 订购

PTS2---M---V---B_{WT}---L---H---N---OP---F1---C1---A0---SR---LG

LG Lift Gate Unit / SG Swing Gate Unit
LG 升降门单元 / SG 摆动门单元

Part No. of Pallet Conveyor 托盘输送机订购编号

PTS2---M50---V16---B_{WT}320---L1000---H800---N2---OP---F1---C1---A0---LG

PTS2 pallet conveyor---full load 50 kg---conveyor speed 16 m/min---pallet width 320 mm---conveyor length 1000 mm---transport height 800 mm--- 2 sets of stand supports---motor position OP---motor direction F1---steel chain---without chain cover---pivot flip
PTS2 托盘输送机---满载负载 50 kg---托盘运行速度 16 m/min---托盘宽度 320 mm---线体长度 1000 mm---输送面水平高度 800 mm---支腿数量 2 组---电机位置 OP---电机方向 F1---钢质轮链条---不带防护盖---升降门单元





Conveying Control Device 输送控制装置

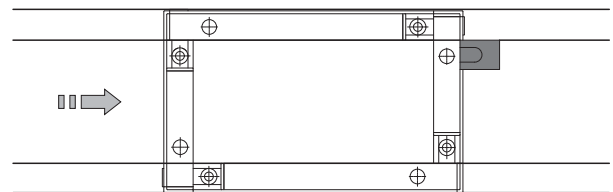
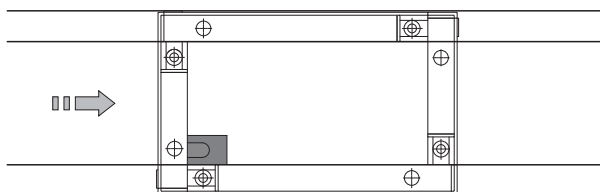
The control device is an essential part of pallet transfer system. It is used to stop, transfer and distribute the pallet to realize automatic flexible control of the pallet transfer system.

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

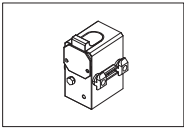
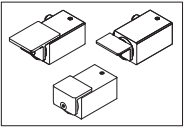
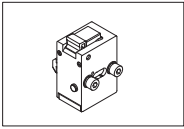
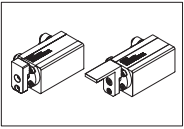
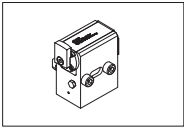
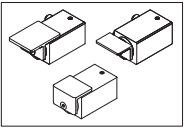
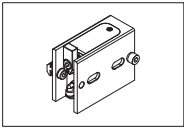
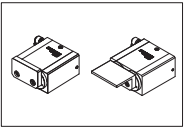
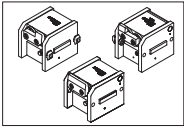
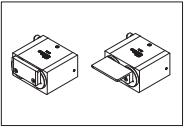
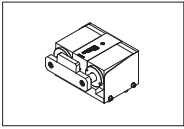
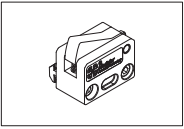
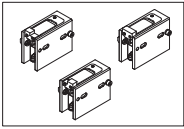
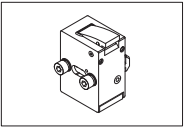
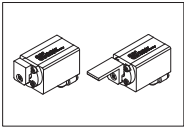
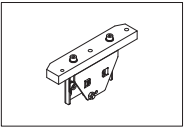
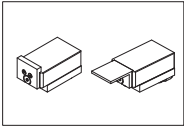
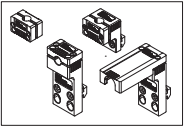
Installation position of pallet stop 托盘挡停器安装位置

When the stop is used with WP2 pallets, it will be mounted in rear right or front left position in the direction of transport.



在使用 WP2 系列托盘时，挡停器安装在托盘输送方向的左前侧、右后方进行挡停。

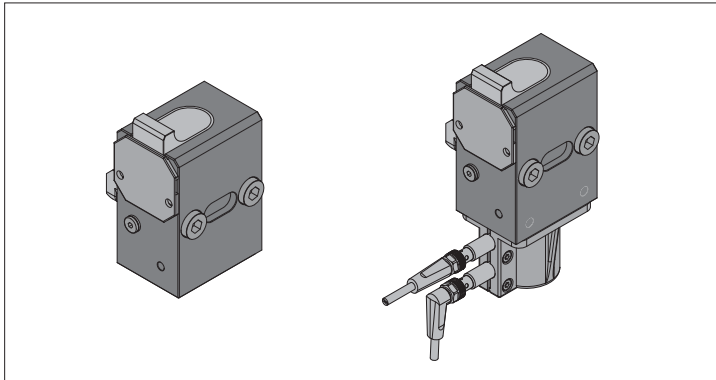


Transportation Control Selection
选择输送控制模块

	ST.PN.01/A-180 Pneumatic Stop ST.PN.01/A-180 气动挡停器	PG - 117		BU.PN.01/...-150 Pneumatic Damper BU.PN.01/...-150 气动缓冲器	PG - 158
	ST.PN.01/B-180 Pneumatic Stop ST.PN.01/B-180 气动挡停器	PG - 121		BU.PN.02/...-60 Pneumatic Double Action Damper BU.PN.02/...-60 气动双作用缓冲器	PG - 163
	ST.PN.02/A-60 Pneumatic Damping Stop ST.PN.02/A-60 气动缓冲挡停器	PG - 125		BU.PN.02/...-120 Pneumatic Double Action Damper BU.PN.02/...-120 气动双作用缓冲器	PG - 168
	ST.PN.02/A-140 Pneumatic Damping Stop ST.PN.02/A-140 气动缓冲挡停器	PG - 129		BU.PN.02/...-220 Pneumatic Double Action Damper BU.PN.02/...-220 气动双作用缓冲器	PG - 173
	ST.PN.02/...-150 Pneumatic Damping Stop ST.PN.02/...-150 气动缓冲挡停器	PG - 133		BU.PN.02/...-300 Pneumatic Double Action Damper BU.PN.02/...-300 气动双作用缓冲器	PG - 178
	ST.PN.02/A-250 Pneumatic Damping Stop ST.PN.02/A-250 气动缓冲挡停器	PG - 139		RS.01 Return Stop RS.01 止回器	PG - 183
	ST.PN.02/...-270 Pneumatic Damping Stop ST.PN.02/...-270 气动缓冲挡停器	PG - 145		RS.02 Return Stop RS.02 止回器	PG - 185
	BU.PN.01/...-60 Pneumatic Damper BU.PN.01/...-60 气动缓冲器	PG - 148		Mechanical Rocker Plate 机械摇板	PG - 187
	BU.PN.01/...-120 Pneumatic Damper BU.PN.01/...-120 气动缓冲器	PG - 153		Sensor Bracket Unit 传感器支架组件	PG - 189

ST.PN.01/A-180 Pneumatic Stop
ST.PN.01/A-180 气动挡停器

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

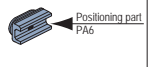





Features/Benefits 特征

1. No inverse operation allowed and to be installed directly on the conveyor line.
不允许反向操作，直接安装在输送线体上。
2. Operation noise less than 60 dB. The adjustment valve can be used if lower noise is expected.
运行噪音小于 60 dB，如需进一步降低工作产生的噪音，可以使用调速阀。
3. Stop and release height is 9 mm.
阻挡、放行高度为 9 mm。
4. It can be used on PTS1、PTS2 or PTS1/H conveyor to control WP2/S、WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS2和 PTS1/H 托盘输送机使用。
5. It stops or releases the pallet at the defined position and realize the accumulation or distribution of multi-pallets.
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。
6. When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.
当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

Supply Mode 供货方式

1. Scope of delivery
供货范围
Including all positioning and fastening sets (2xLE+1xGM) to mount on pallet conveyor.
包括所有用于托盘输送机上安装的挡停器定位件及紧固件 (2xLE+1xGM)

GM	Fastening Set	LE	Fastening Set
	Positioning part FA6		M8x45 Bolt zinc plated
			D8 Locking Washer 304
			M8 T Nut nickel plated

2. Delivery condition
供货状态
Equipped
已装配

Specifications 规格配置

Part No. 订购编号	50801100
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	180
Mass 质量 m (g)	560
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop rod: nickel plated carbon steel 止动杆: 碳钢镀镍
Working temperature 工作温度 ($^{\circ}\text{C}$)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

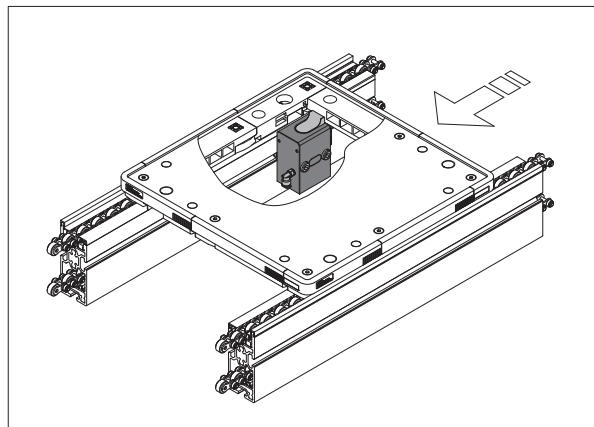
ST . PN . 01 / A - 180



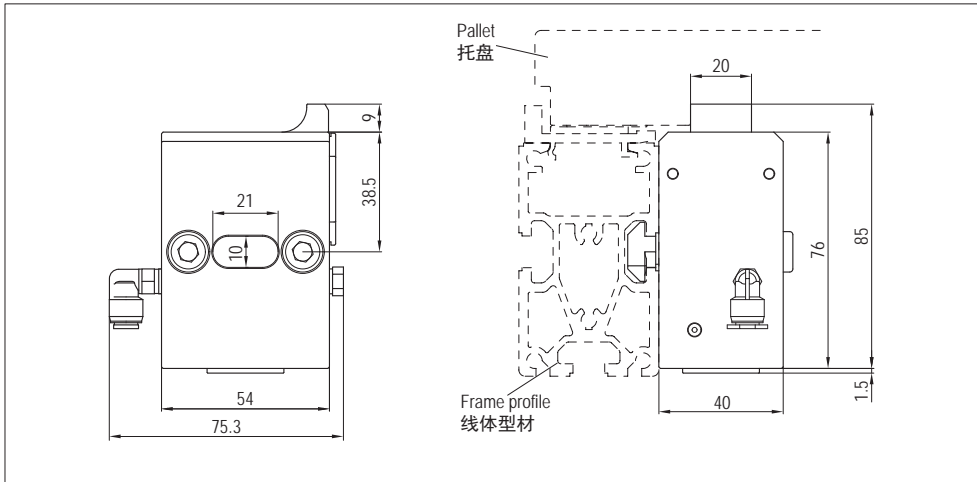
Installation Position 安装位置



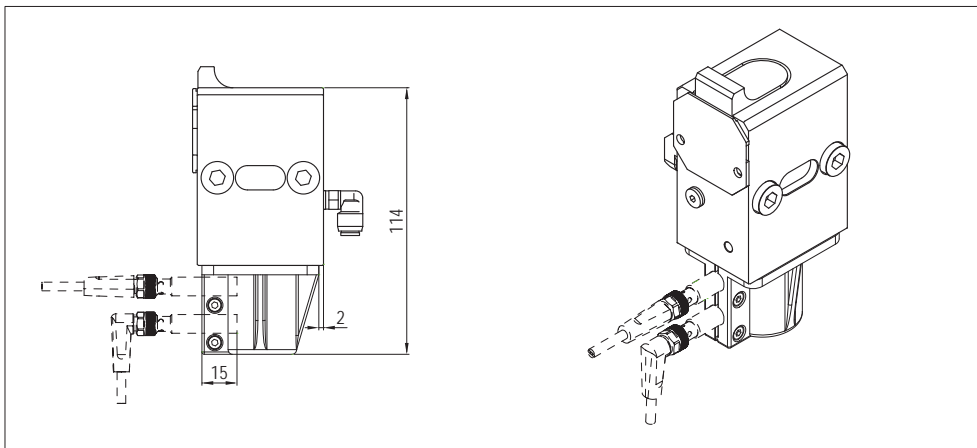
ST.PN.01/A-180 Pneumatic Stop / 气动挡停器



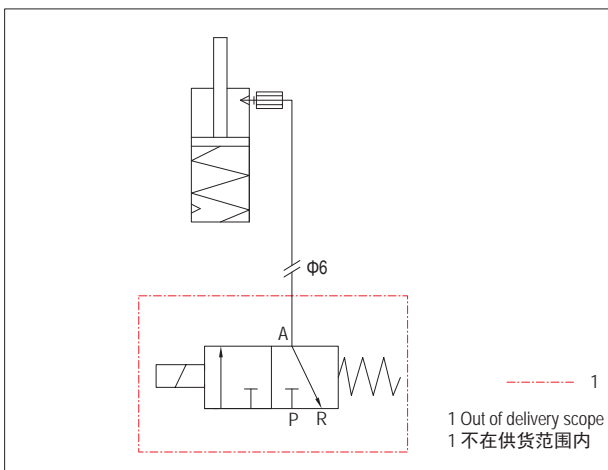
Dimension
尺寸



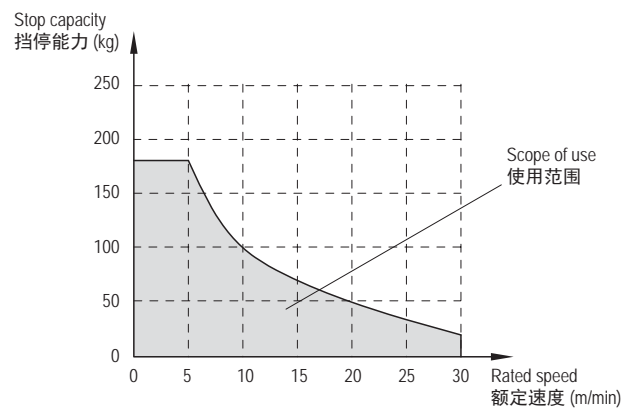
Sensor Installation Diagram
传感器安装示意图



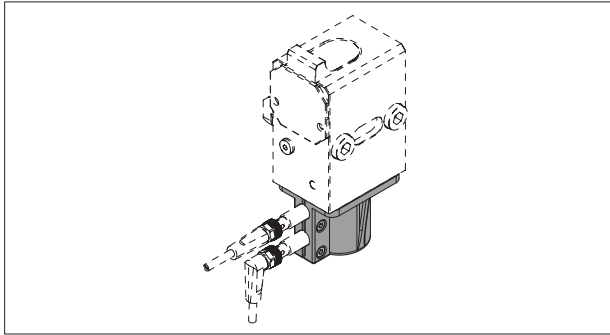
Schematic Diagram
原理图



Stop Capacity Diagram
挡停能力图



Detection Unit for Stop
挡停器位置感应组件

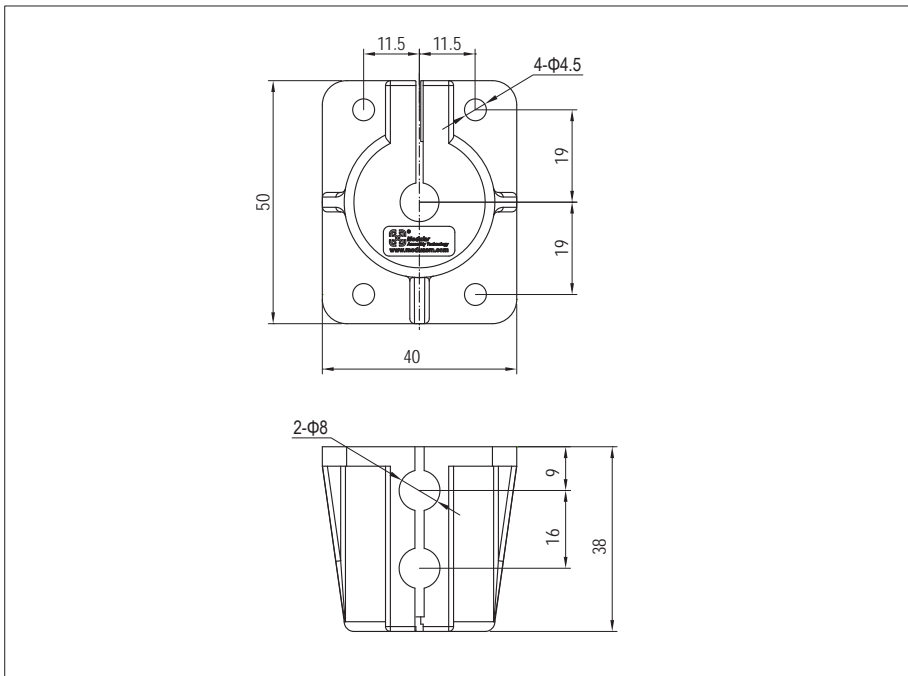


- ▶ Material: Bracket, PA6 Black; detection rod, zinc plated steel
材料：壳体，PA6 黑；检测杆，碳钢镀锌
- ▶ Used with 50801100 stop to detect whether the stop is under release condition.
与 50801100 挡停器配合使用，检测挡停器是否处于可放行状态。
- ▶ Matching accessory: M8x1 sensor (To be ordered separately).
所需配件：M8×1传感器（传感器必需单独订购）。

Ordering reference
订购说明

Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Detection Unit for Stop 挡停器位置感应组件	1	50801200

Dimension
尺寸





Scope of delivery
供货范围

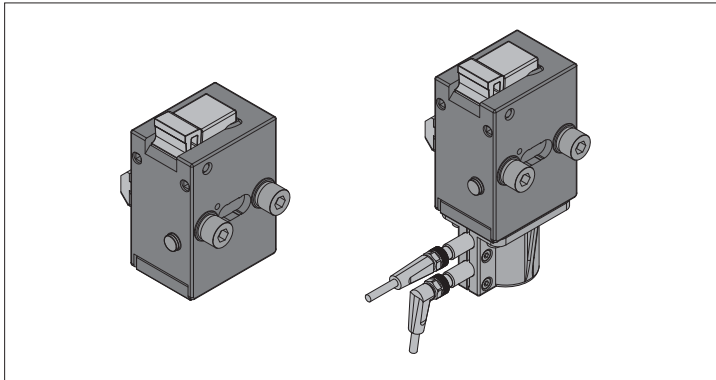
Including all fastening sets to mount on pallet conveyor
包括紧固件

Supply mode
供货状态

Not equipped
未装配

ST.PN.01/B-180 Pneumatic Stop
ST.PN.01/B-180 气动挡停器

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







Features/Benefits 特征

1. No inverse operation allowed and to be installed directly on the conveyor line.
不允许反向操作，直接安装在输送线体上。
2. Operation noise less than 60 dB. The adjustment valve can be used if lower noise is expected.
运行噪音小于 60 dB，如需进一步降低工作产生的噪音，可以使用调速阀。
3. Stop and release height is 8.8 mm.
阻挡、放行高度为 8.8 mm。
4. It can be used on PTS1、PTS2 or PTS1/H conveyor to control WP2/S or WP2/E pallet.
须与 WP2/S 或 WP2/E 托盘组合，配合 PTS1、PTS2和 PTS1/H 托盘输送机使用。
5. It stops or releases the pallet at the defined position and realize the accumulation or distribution of multi-pallets.
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。
6. When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.
当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all positioning and fastening sets (2xLF+1xGM) to mount on pallet conveyor.
包括所有用于托盘输送机上安装的挡停器定位件及紧固件 (2xLF+1xGM)。

LF	Fastening Set	GM	Fastening Set
	M8x50 Bolt zinc plated		Positioning part
	D8 Locking Washer 304		
	M8 T Nut nickel plated		

2. Delivery condition
供货状态

Equipped
已装配

Specifications 规格配置

Part No. 订购编号	50811100
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	180
Mass 质量 m (g)	410
Material 材料说明	Case: PA6 (black) 主壳体: PA6 (黑色) Stopper: PA6 (black) 挡板: PA6 (黑色) Block: SUS304 挡块: SUS304
Working temperature 工作温度($^{\circ}$ C)	0..60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围(Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8的净化压缩空气

Ordering Reference 型号说明

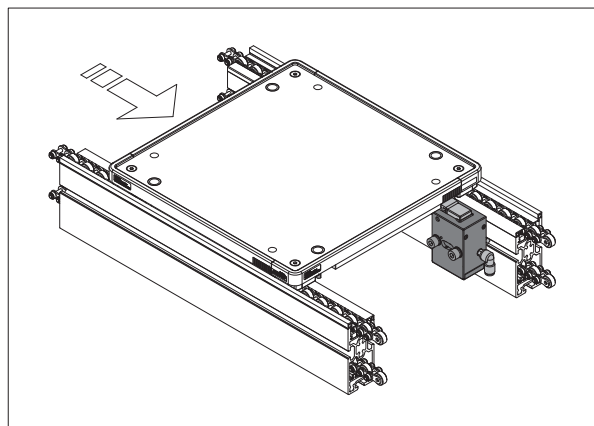
ST . PN . 01 / B - 180



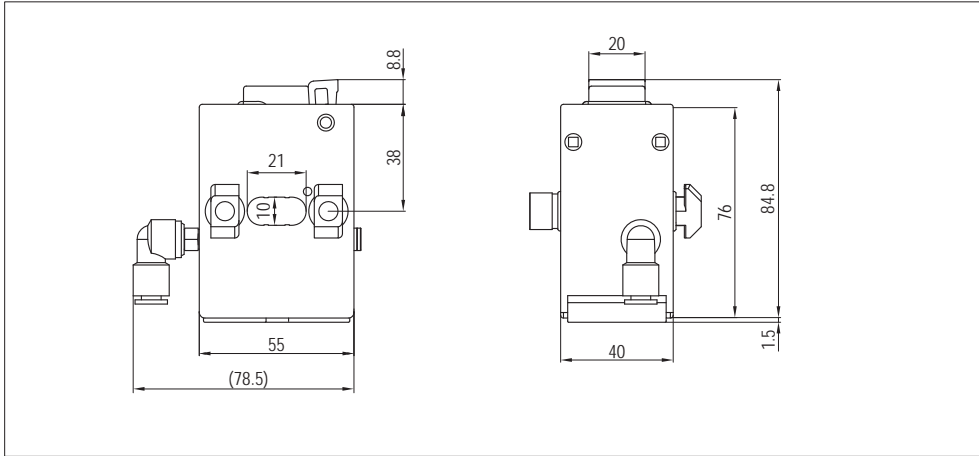
Installation Position 安装位置



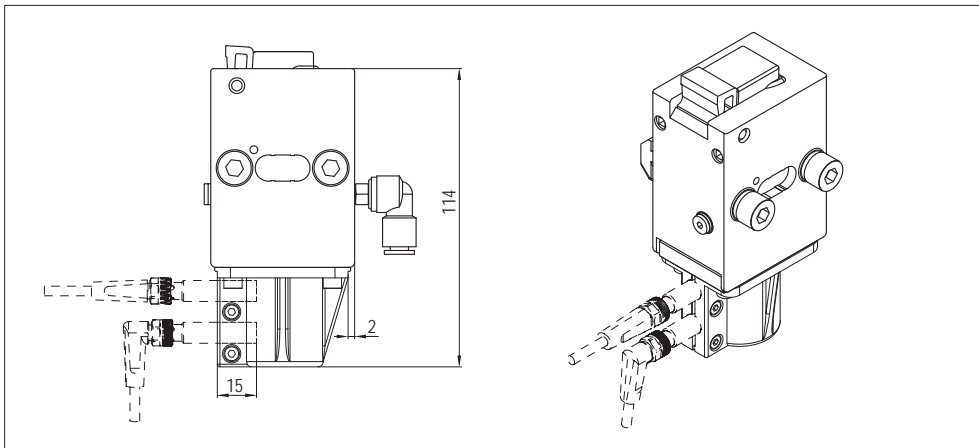
ST.PN.01/B-180 Pneumatic Stop / 气动挡停器



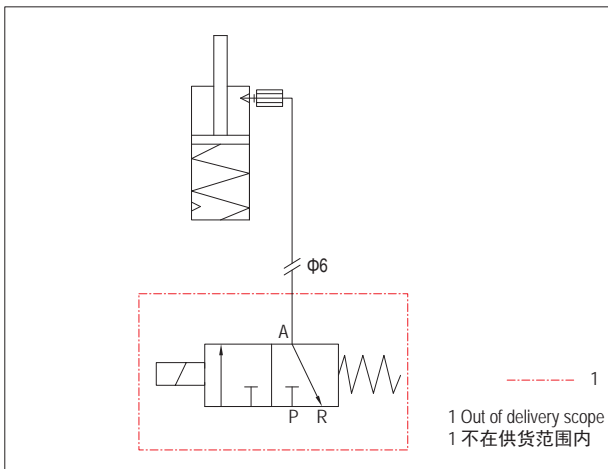
Dimension
尺寸



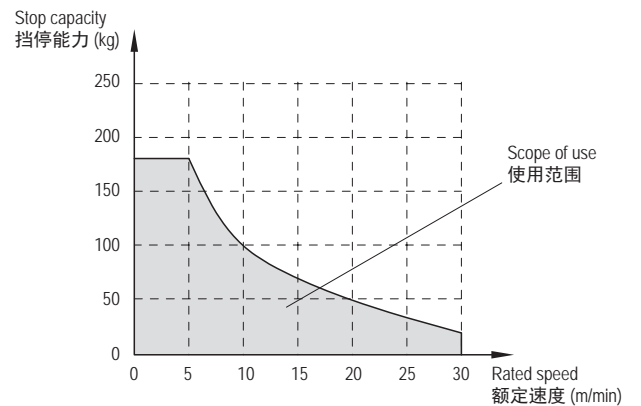
Sensor Installation Diagram
传感器安装示意图



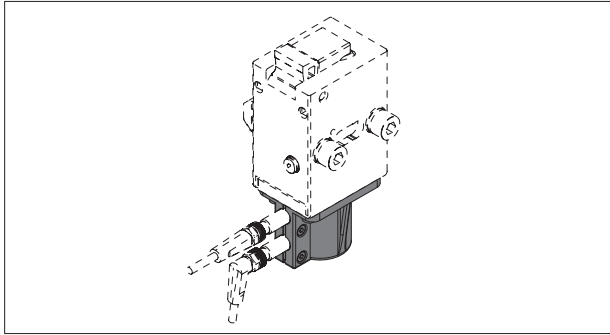
Schematic Diagram
原理图



Stop Capacity Diagram
挡停能力图



Detection Unit for Stop
挡停器位置感应组件

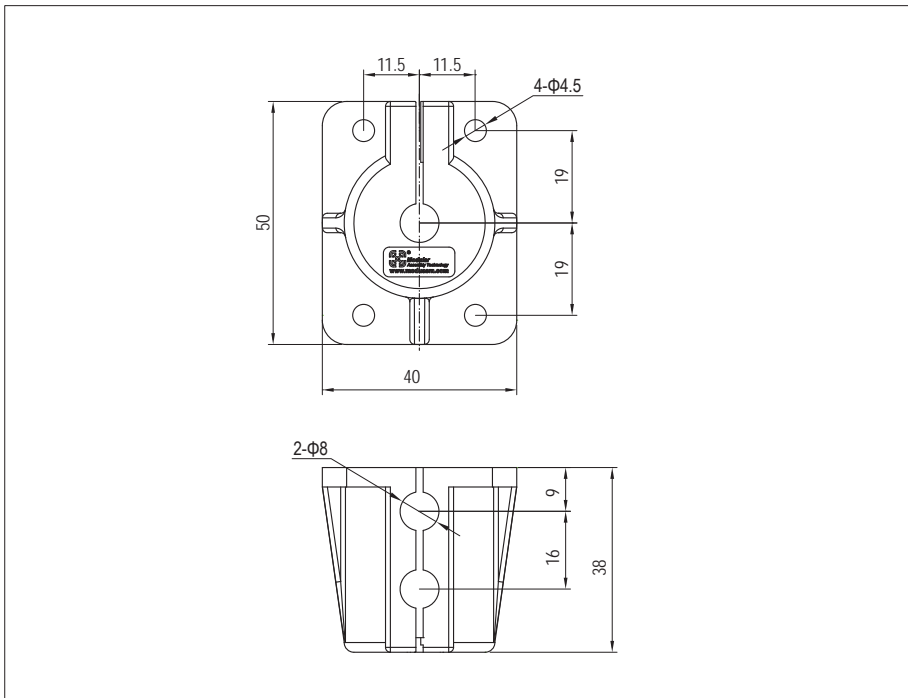


- ▶ Material: Bracket, PA6 Black; detection rod, zinc plated steel
材料: 壳体, PA6 黑; 检测杆, 碳钢镀锌
- ▶ Used with 50811100 stop to detect whether the stop is under release condition.
与 50811100 挡停器配合使用, 检测挡停器是否处于可放行状态。
- ▶ Matching accessory: M8x1 sensor (To be ordered separately).
所需配件: M8×1传感器(传感器必需单独订购)。

Ordering reference
订购说明

Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Detection Unit for Stop 挡停器位置感应组件	1	50811200

Dimension
尺寸





Scope of delivery
供货范围

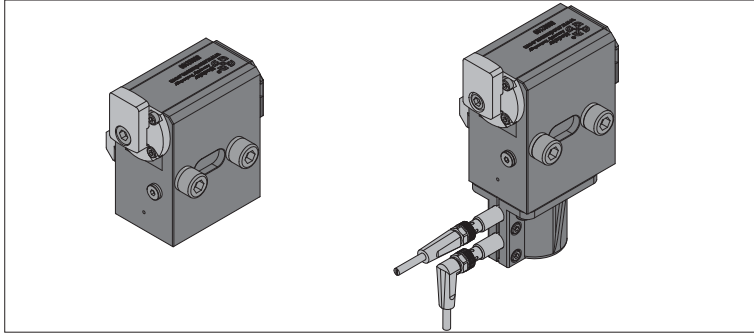
Including all fastening sets to mount on pallet conveyor
包括紧固件

Supply mode
供货状态

Not equipped
未装配

ST.PN.02/A-60 Pneumatic Damping Stop
ST.PN.02/A-60 气动缓冲挡停器

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



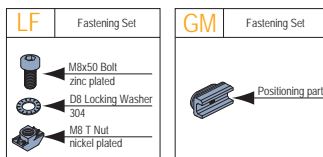
Features/Benefits 特征

1. No inverse operation allowed and to be installed directly on the conveyor line.
不允许反向操作，直接安装在输送线体上。
2. Operation noise less than 60 dB. Stop and release height is 9 mm, buffer stroke is 18.6 mm.
运行噪音小于 60 dB，阻挡、放行高度为 9 mm，缓冲行程为 18.6 mm。
3. It can be used on PTS1, PTS2 or PTS1/H conveyor to control WP2/S, WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS2和 PTS1/H 托盘输送机使用。
4. Damped stopping of the first accumulating pallet. It stops one or more accumulating pallets at the defined position. When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.
缓冲挡停第一个托盘。该挡停器将一个或多个堆积的托盘挡停在指定的位置上。当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all positioning and fastening sets (2xLF+1xGM) to mount on pallet conveyor.
包括所有用于托盘输送机上安装的挡停器定位件及紧固件 (2xLF+1xGM)。



2. Delivery condition
供货状态
Equipped
已装配

 Locking torque of M8x50 bolt is 10.6 N.m.
M8×50 螺栓锁紧扭矩为 10.6 N.m



Specifications 规格配置

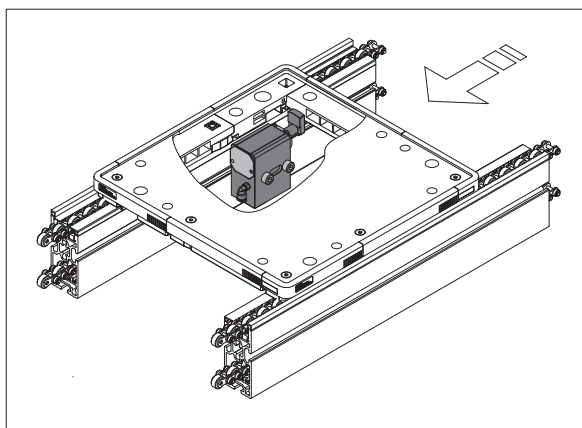
Part No. 订购编号	50802100
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	60 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	1 ¹⁾
Mass 质量 m (g)	550
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 压力范围 (Mpa)	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

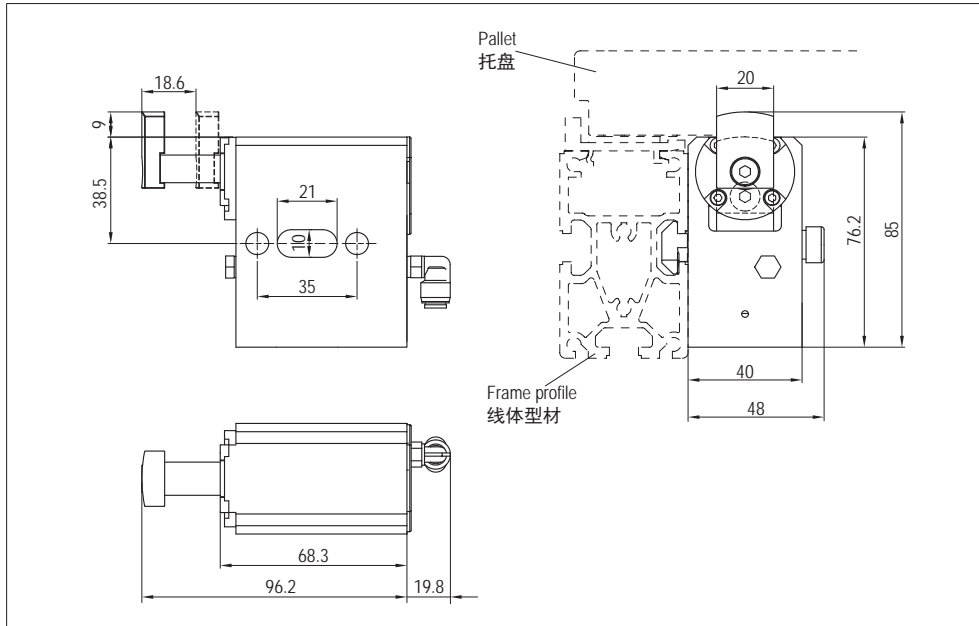
ST . PN . 02 / A - 60


Installation Position 安装位置

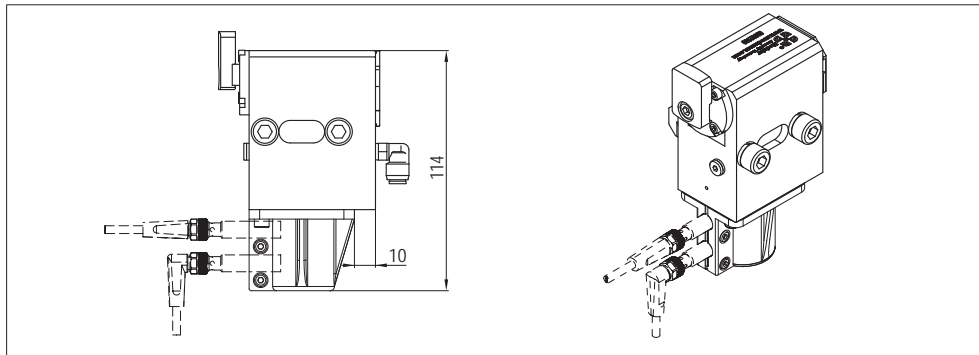

ST.PN.02/A-60 Pneumatic Damping Stop / 气动缓冲挡停器



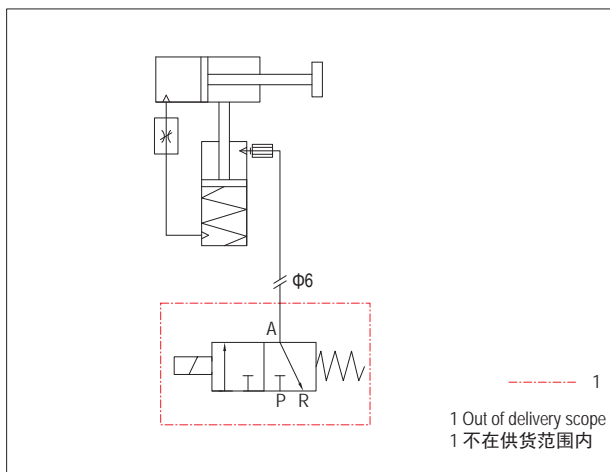
Dimension
尺寸



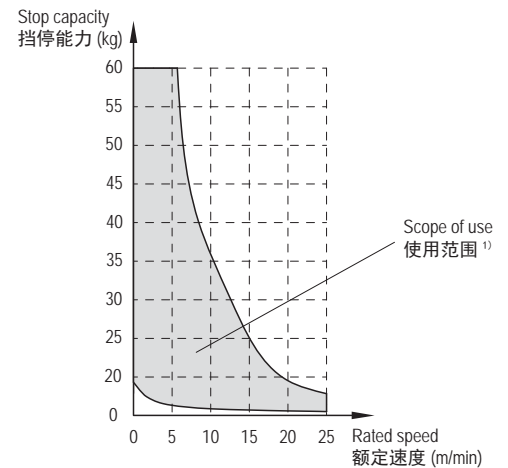
Sensor Installation Diagram
传感器安装示意图



Schematic Diagram
原理图

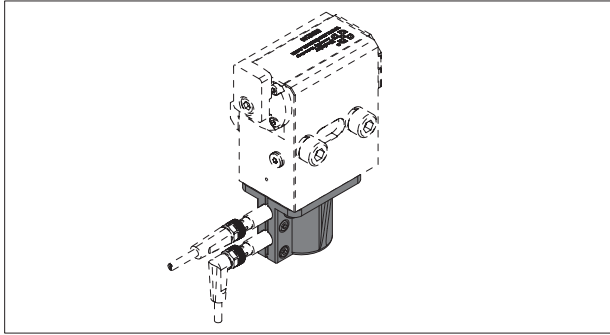


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Detection Unit for Stop
挡停器位置感应组件

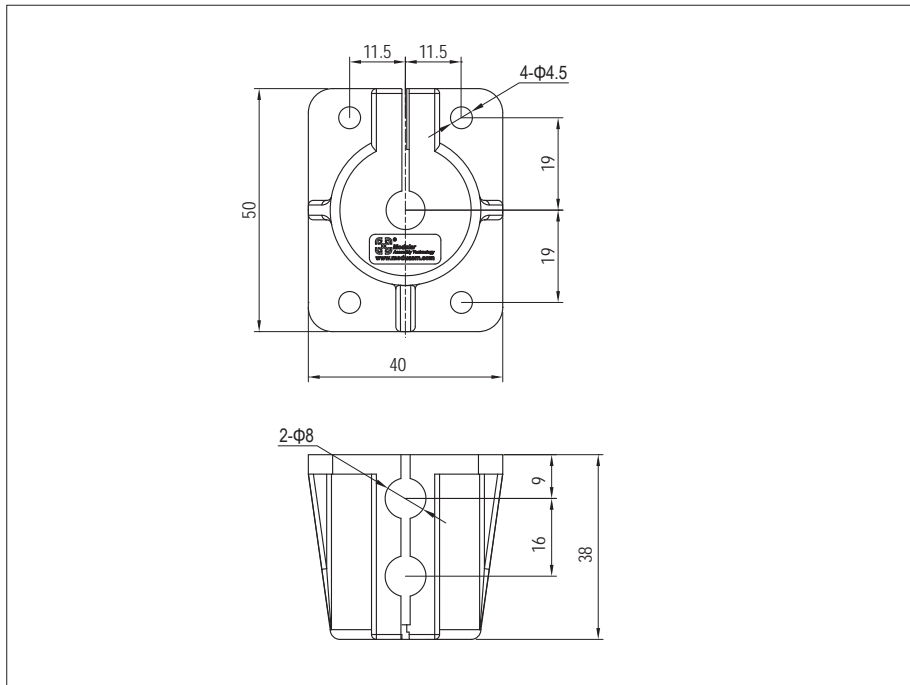


- ▶ Material: Bracket, PA6 Black; detection rod, zinc plated steel
材料：壳体，PA6 黑；检测杆，碳钢镀锌
- ▶ Used with 50802100 Stop to detect whether the stop is under release condition.
与 50802100 缓冲挡停器配合使用检测挡停器是否处于可放行状态。
- ▶ Matching accessory: M8x1 sensor (To be ordered separately).
所需配件：M8×1传感器（传感器必需单独订购）。

Ordering reference
订购说明



Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Detection Unit for Stop 挡停器位置感应组件	1	50802200

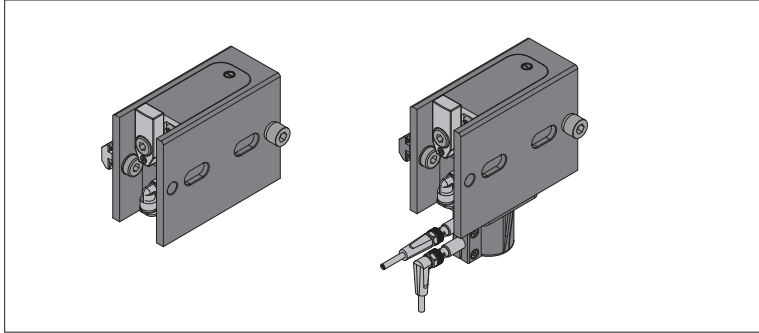
Dimension
尺寸



- ▶ Scope of delivery
供货范围
Including all fastening sets to mount on pallet conveyor
包括紧固件
- ▶ Supply mode
供货状态
Not equipped
未装配

ST.PN.02/A-140 Pneumatic Damping Stop
ST.PN.02/A-140 气动缓冲挡停器

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



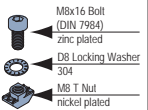
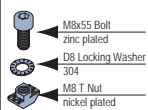

Features/Benefits 特征

1. No inverse operation allowed and to be installed directly on the conveyor line.
不允许反向操作，直接安装在输送线体上。
2. Operation noise less than 60 dB. Stop and release height is 8 mm, buffer stroke is 30 mm.
运行噪音小于 60 dB，阻挡、放行高度为 8 mm，缓冲行程为 30 mm。
3. It can be used on PTS1, PTS2 or PTS1/H conveyor to control WP2/S, WP2 E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS2和 PTS1/H 托盘输送机使用。
4. Damped stopping of the first accumulating pallet. It stops one or more accumulating pallets at the defined position. When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.
缓冲挡停第一个托盘。该挡停器将一个或多个堆积的托盘挡停在指定的位置上。当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all positioning and fastening sets (1xLD+1xLI+2xGM) to mount on pallet conveyor.
包括所有用于托盘输送机上安装的挡停器定位件及紧固件 (1xLD+1xLI+2xGM)。

LD	Fastening Set	LI	Fastening Set	GM	Fastening Set
	M8x16 Bolt (DIN 7984) zinc plated D8 Locking Washer 304 M8 T Nut nickel plated		M8x55 Bolt zinc plated D8 Locking Washer 304 M8 T Nut nickel plated		Positioning part

2. Delivery condition
供货状态
Equipped
已装配

 Locking torque of M8x55 bolt is 10.6 N.m.
M8×55 螺栓锁紧扭矩为 10.6 N.m

Specifications 规格配置

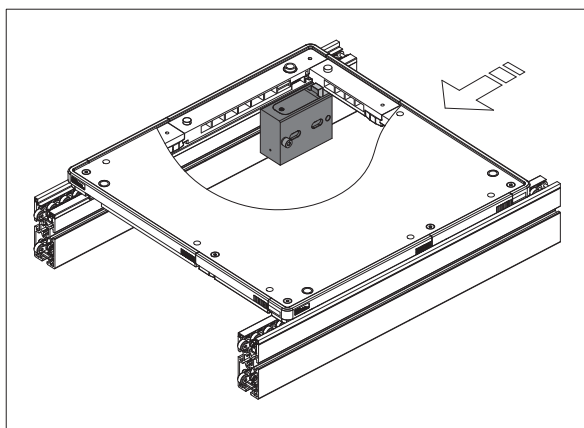
Part No. 订购编号	50816100
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	140 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	6 ¹⁾
Mass 质量 m (g)	855
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 压力范围 (Mpa)	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

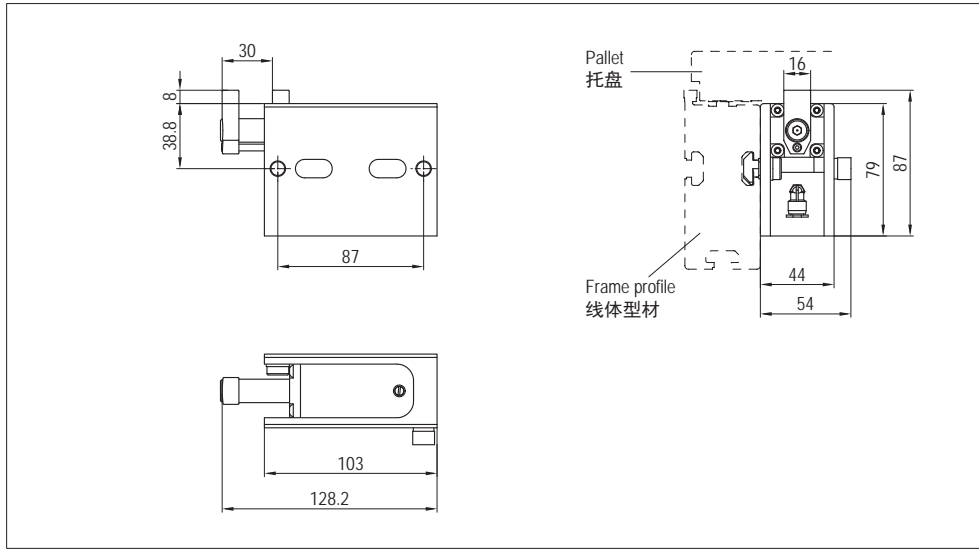
ST . PN . 02 / A - 140


Installation Position 安装位置

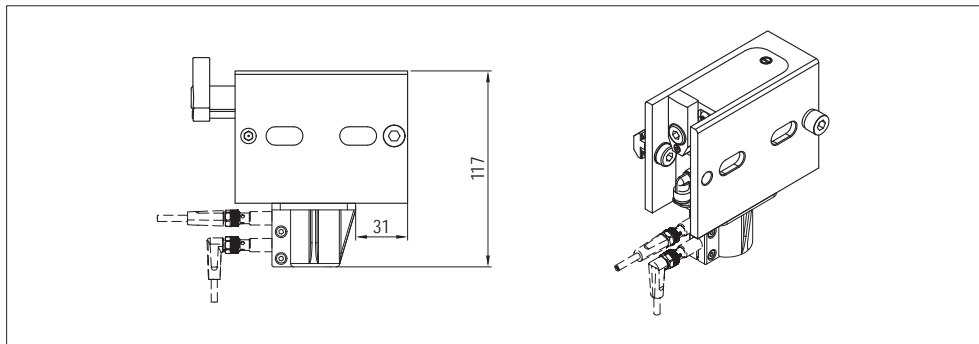

ST.PN.02/A-140 Pneumatic Damping Stop / 气动缓冲挡停器



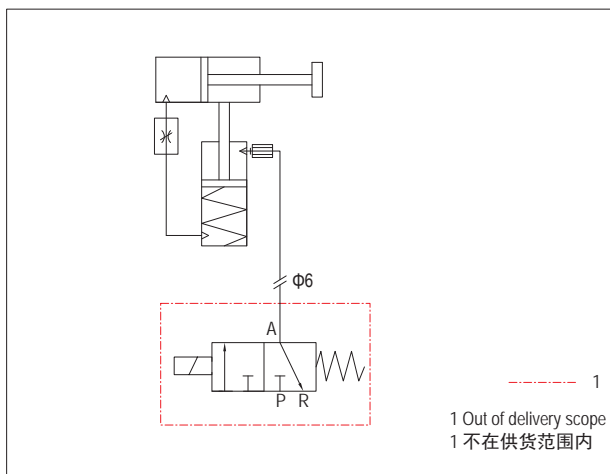
Dimension
尺寸



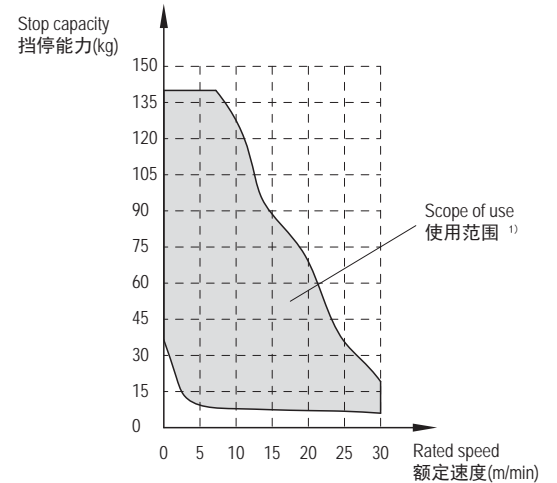
Sensor Installation Diagram
传感器安装示意图



Schematic Diagram
原理图

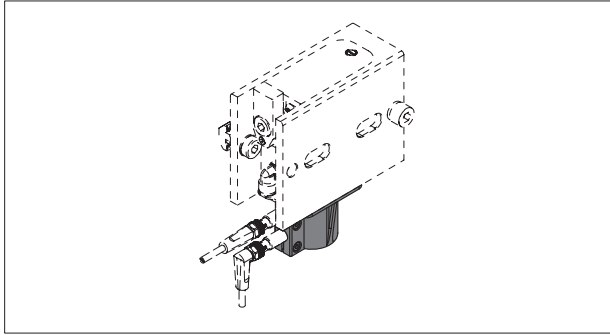


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Detection Unit for Stop
挡停器位置感应组件

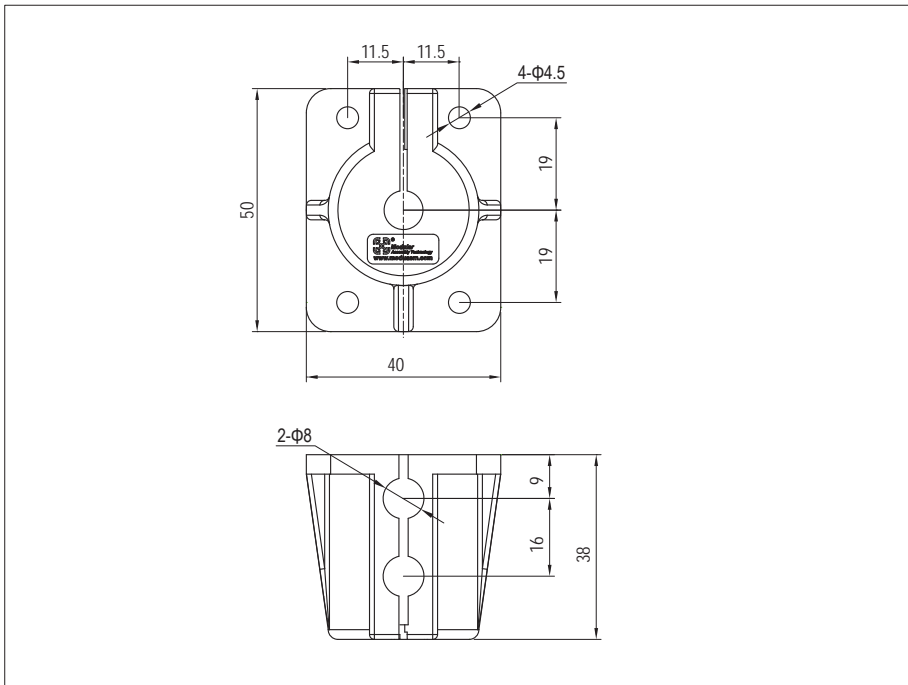


- ▶ Material: Bracket, PA6 Black; detection rod, zinc plated steel
材料：壳体，PA6 黑；检测杆，碳钢镀锌
- ▶ Used with 50816100 Stop to detect whether the stop is under release condition.
与 50816100 缓冲挡停器配合使用检测挡停器是否处于可放行状态。
- ▶ Matching accessory: M8x1 sensor (To be ordered separately).
所需配件：M8×1传感器（传感器必需单独订购）。

Ordering reference
订购说明



Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Detection Unit for Stop 挡停器位置感应组件	1	50802200

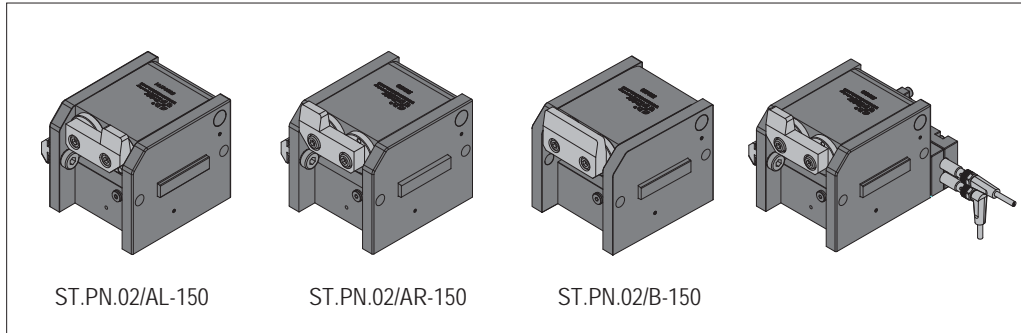
Dimension
尺寸



- ▶ Scope of delivery
供货范围
Including all fastening sets to mount on pallet conveyor
包括紧固件
- ▶ Supply mode
供货状态
Not equipped
未装配

ST.PN.02/...-150 Pneumatic Damping Stop
ST.PN.02/...-150 气动缓冲挡停器

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



Features/Benefits 特征

1. All-metal design with double piston damper.
全金属结构，带双活塞缓冲器。
2. No inverse operation allowed and to be installed directly on the conveyor line or on the cross bracing of conveyor line.
不允许反向操作，直接安装在输送线体上或安装于线体内横向支架上。
3. Operation noise less than 60 dB. Stop and release height is 8.5 mm, buffer stroke is 20 mm.
运行噪音小于 60 dB，阻挡、放行高度为 8.5 mm，缓冲行程为 20 mm。
4. It can be used on PTS1, PTS 2, PTS1/H and PTS4 conveyor to control WP2/S, WP2/E or WP2/C pallet. When the pallet width is more than 640mm, and installed on PTS4 conveyor, please choose ST.PN.02/B-150 pneumatic damping stop. The pallet is custom made pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS2、PTS1/H 或 PTS4 等托盘输送机使用。托盘宽度大于 640 mm 且配合 PTS 4 托盘输送机使用时，选用 ST.PN.02/B-150 气动缓冲挡停器，非标定制托盘。
5. Damped stopping of the first accumulating pallet. It stops one or more accumulating pallets at the defined position. When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.
缓冲挡停第一个托盘。该挡停器将一个或多个堆积的工件托盘挡停在指定的位置上。当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

Supply Mode 供货方式

1. Scope of delivery
供货范围
Pneumatic damping stop with three different stop blocks
三种不同挡板的气动缓冲挡停器

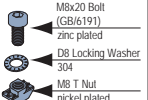
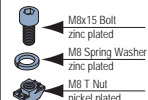
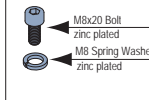

Fittings

配件

ST.PN.02/AL-150 is installed on the inside of main conveyor section without support. Including all positioning and fastening sets (2xZN) to mount on the conveyor.
ST.PN.02/AL-150 安装于主线体内侧，无需支架，包括所有用于输送机上安装的紧固件 (2xZN)

ST.PN.02/AR-150 is installed on the inside of main conveyor section without support. Including all positioning and fastening sets (2xZN) to mount on the conveyor.
ST.PN.02/AR-150 安装于主线体内侧，无需支架，包括所有用于输送机上安装的紧固件 (2xZN)

ST.PN.02/B-150 Pneumatic damping stop is installed on the inside of main conveyor section with support. The support need to be ordered separately (including fasteners 6xLG+4xDH+8xSG)(see PG 137)
ST.PN.02/B-150 需配合支架安装于主线体内侧，请单独订购支架 (含紧固件 6xLG+4xDH+8xSG)(详见PG 137)

ZN	Fastening Set	LG	Fastening Set	DH	Fastening Set	SG	Fastening Set
	M8x20 Bolt (GB/6191) zinc plated D8 Locking Washer 304 M8 T Nut nickel plated		M8x15 Bolt zinc plated M8 Spring Washer zinc plated M8 T Nut nickel plated		M8x20 Bolt zinc plated M8 Spring Washer zinc plated		3.21.45.4545.STJ

2. Delivery condition
供货状态
Equipped
已装配

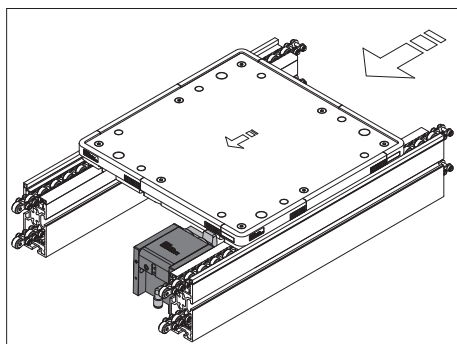
 Locking torque of M8x55 bolt is 10.6 N.m.
M8x55 螺栓锁紧扭矩为 10.6 N.m



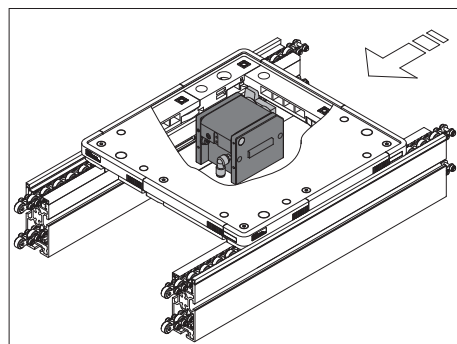
Specifications 规格配置

ST.PN.02/AL-150 Part No./订购编号	50804101
ST.PN.02/AR-150 Part No./订购编号	50804103
ST.PN.02/B-150 Part No./订购编号	50804102
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	150 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	10 ¹⁾
ST.PN.02/AL-150 Mass/质量 m (g)	1560
ST.PN.02/AR-150 Mass/质量 m (g)	1560
ST.PN.02/B-150 Mass/质量 m (g)	1588
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

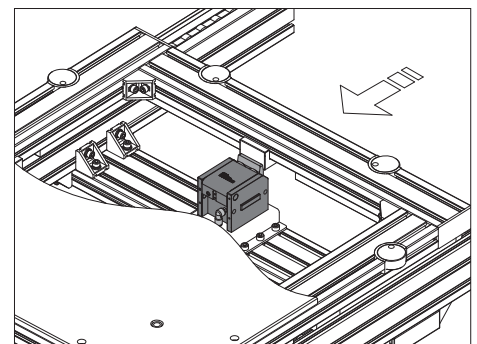
Ordering Reference 型号说明

Installation Position 安装位置


ST.PN.02/AR-150 Pneumatic Damping Stop/气动缓冲挡停器



ST.PN.02/AL-150 Pneumatic Damping Stop/气动缓冲挡停器

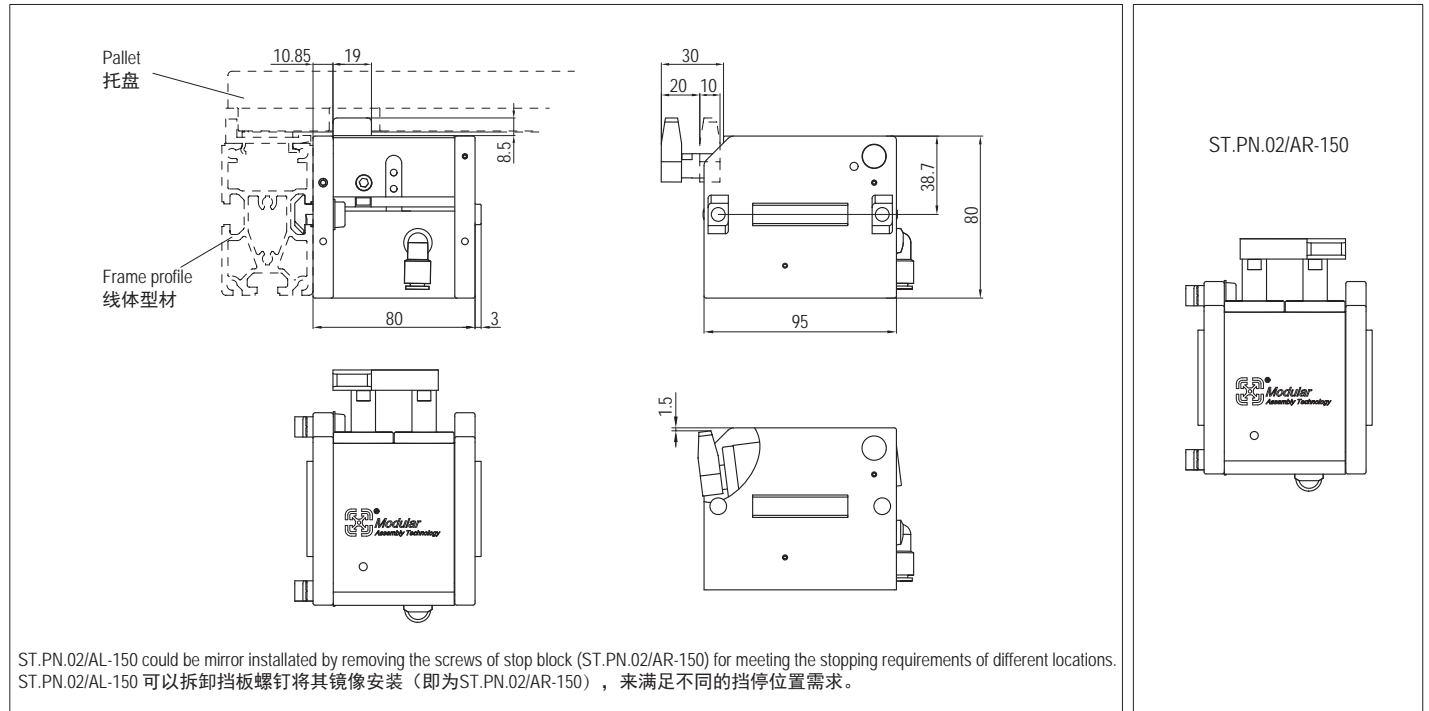


ST.PN.02/B-150 Pneumatic Damping Stop/气动缓冲挡停器

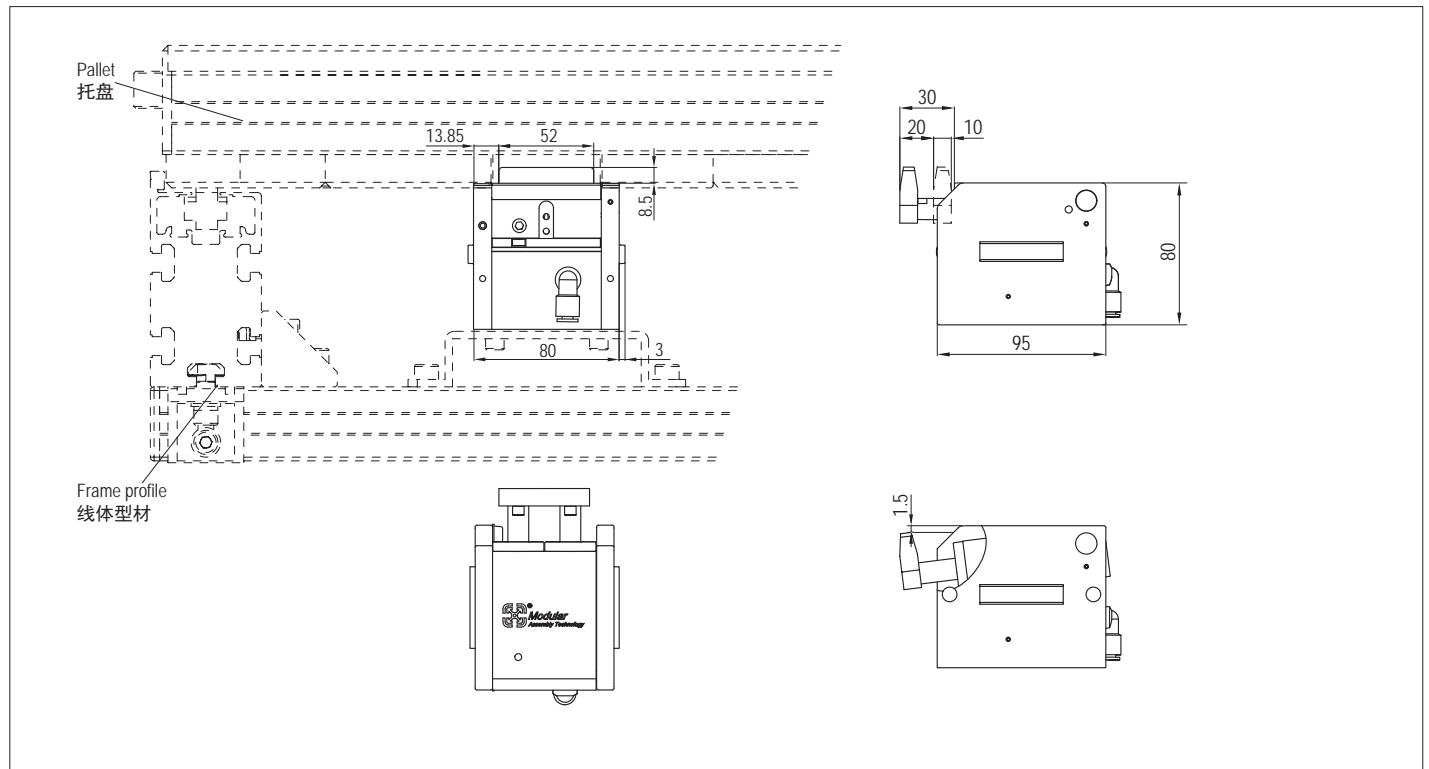
Dimension

尺寸

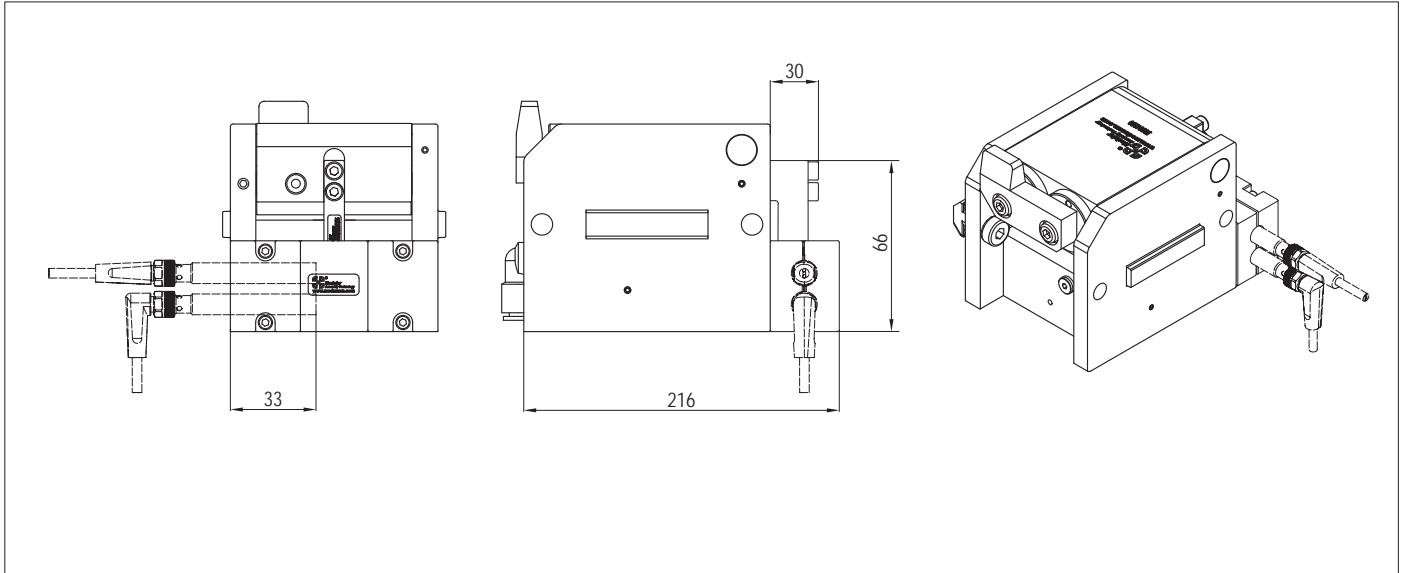
ST.PN.02/AL-150 Pneumatic damping stop/气动缓冲挡停器



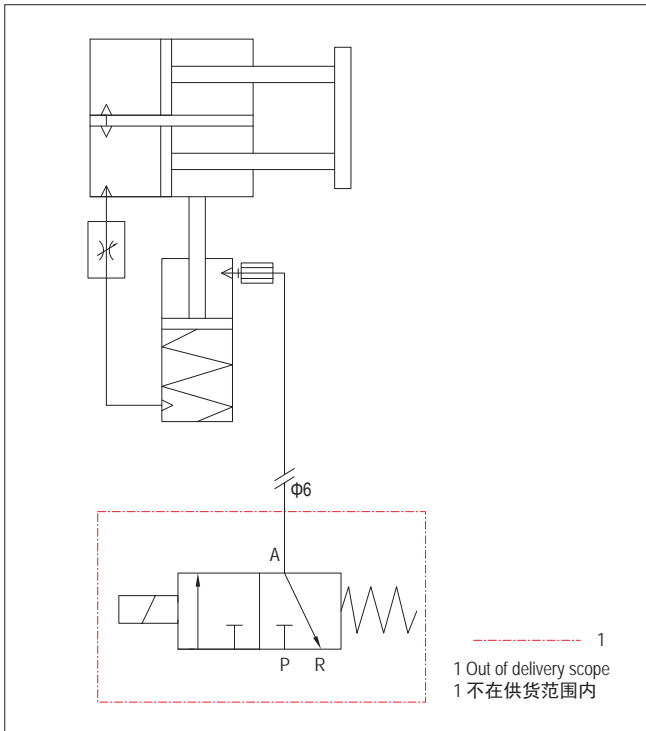
ST.PN.02/B-150 Pneumatic damping stop/气动缓冲挡停器



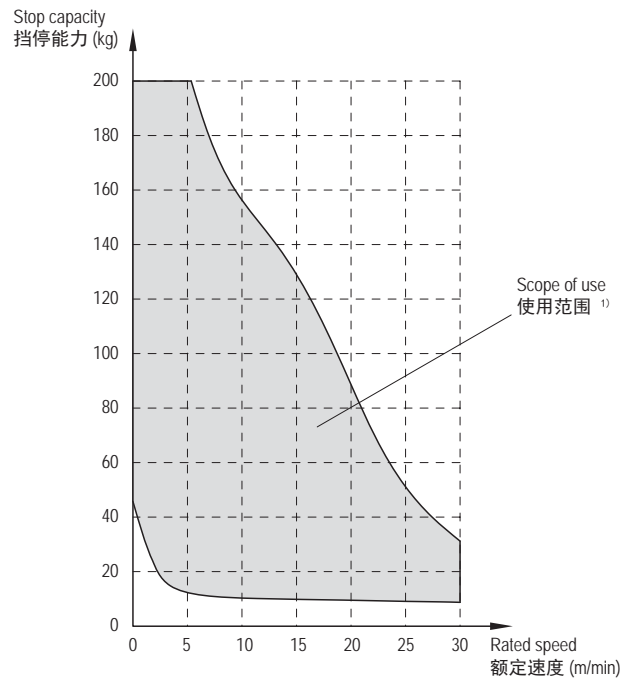
Sensor Installation Diagram
传感器安装示意图



Schematic Diagram
原理图

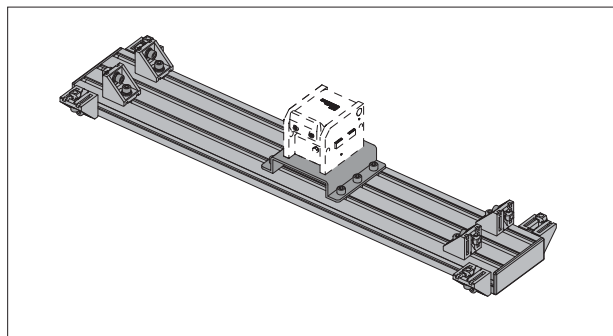


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Support
支架

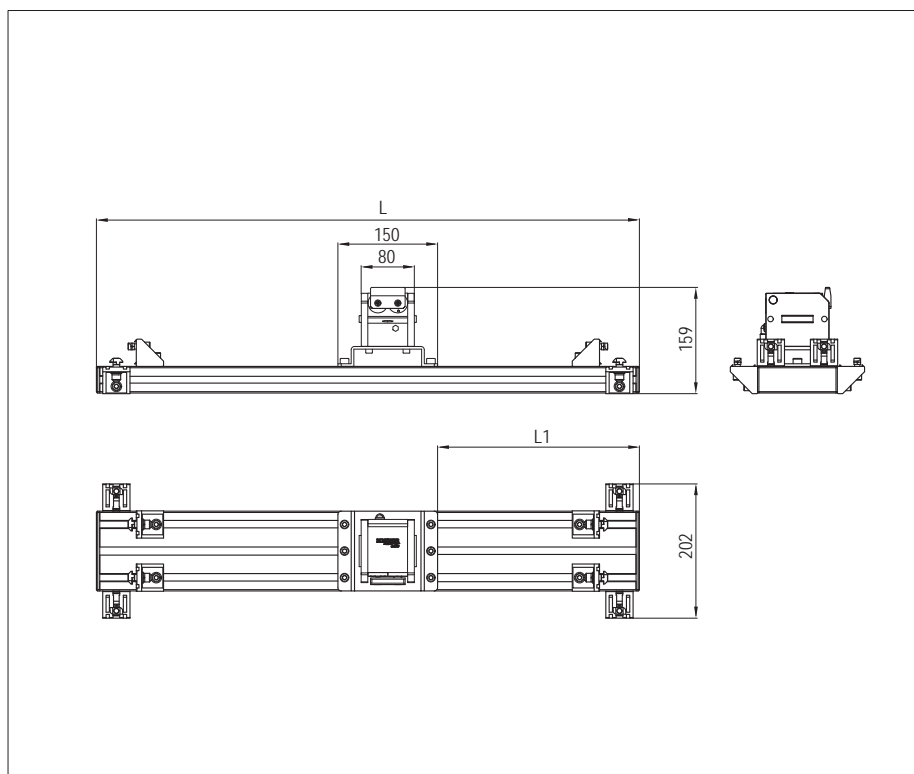


- ▶ Material: aluminum, steel, Diecast aluminum
材料: 铝合金、钢、压铸铝合金
- ▶ Used with ST.PN.02/B-150 pneumatic damper.
与ST.PN.02/B-150气动缓冲器配合使用。
- ▶ Support length L is subject to the pallet width. The installation position of stop is subject to the corresponding location of the slot on the pallet.
支架长度L根据托盘宽度确定, 挡停器安装位置根据托盘上对应凹槽位置确定。

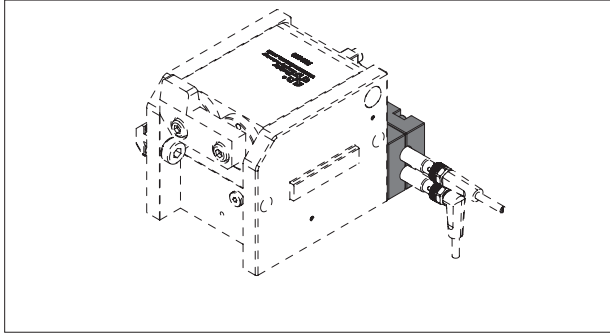
Ordering reference
订购说明

Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	Custom made(No stock for now) 可定制(暂无备货)

Dimension
尺寸



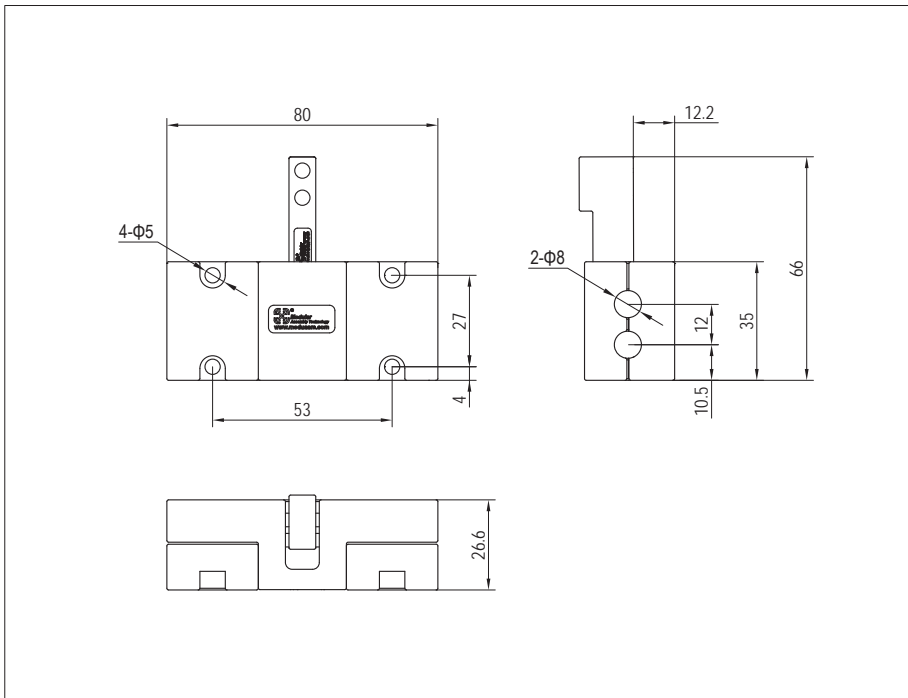
Detection Unit for Stop
挡停器位置感应组件



- ▶ Material: Bracket, PA6 Black; detection rod, PA6 Black, SUS304
材料: 壳体, PA6 黑; 检测杆, PA6 黑、SUS304
- ▶ Used with 50804101 / 50804102 Stop to detect whether the stop is under release condition.
与 50804101 / 50804102 缓冲挡停器配合使用检测挡停器是否处于可放行状态。
- ▶ Matching accessory: M8x1 sensor (To be ordered separately).
所需配件: M8×1传感器 (传感器必需单独订购)。



Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Detection Unit for Stop 挡停器位置感应组件	1	50804200

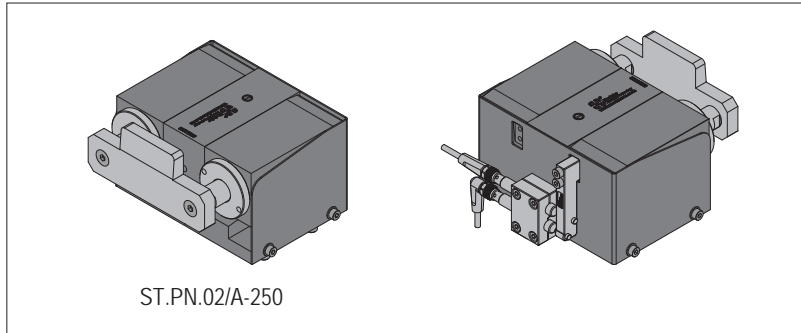
Dimension
尺寸



- ▶ Scope of delivery
供货范围
Including all fastening sets to mount on pallet conveyor
包括紧固件
- ▶ Supply mode
供货状态
Not equipped
未装配

ST.PN.02/A-250 Pneumatic Damping Stop
ST.PN.02/A-250气动缓冲挡停器

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



Features/Benefits 特征

1. All-metal design with double piston damper.
全金属结构，带双活塞缓冲器。
2. No inverse operation allowed and to be installed on the transverse bracing on inner side of conveyor line.
不允许反向操作，安装在线体内侧横向支架上。
3. Operation noise less than 60 dB. Stop and release height is 11.5 mm, buffer stroke is 24 mm.
运行噪音小于 60 dB，阻挡、放行高度为 11.5 mm，缓冲行程为 24 mm。
4. It can be used on PTS1, PTS2, PTS1/H and PTS4 conveyor to control WP2/S, WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS2、PTS1/H 或 PTS4 等托盘输送机使用。
5. Damped stopping of the first accumulating pallet. It stops one or more accumulating pallets at the defined position. When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.
缓冲挡停第一个托盘。该挡停器将一个或多个堆积的工件托盘挡停在指定的位置上。当压力释放时，弹簧将挡停器关闭，从而挡停托盘。







Supply Mode 供货方式

1. Scope of delivery
供货范围

Fittings
配件

ST.PN.02/A-250 Including fastening sets (4xLH) . Pneumatic damping stop is installed on the inside of main conveyor section with support. The support need to be ordered separately (including fasteners 6xLG+10xSG)(see PG 143)

ST.PN.02/A-250包含紧固件(4xLH)，需配合支架安装于主线体内侧，请单独订购支架(含紧固件 6xLG+10xSG)(详见PG 143)

LH	Fastening Set	LG	Fastening Set	SG	Fastening Set
	M8x30 Bolt stainless steel		M8x15 Bolt zinc plated		3.21.45.4545.STJ
	D8 Locking Washer 304		M8 Spring Washer zinc plated		
			M8 T Nut nickel plated		

2. Delivery condition
供货状态

Equipped
已装配



Specifications 规格配置

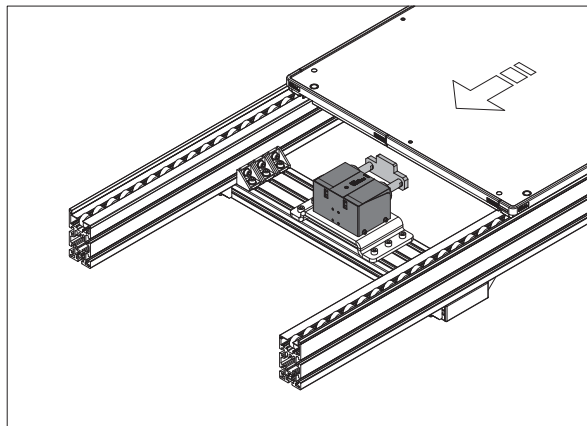
ST.PN.02/A-250 Part No./订购编号	50813100
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	250 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	30 ¹⁾
ST.PN.02/A-250 Mass/质量 m (g)	3050
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304 Protection casing: carbon steel, black electrophoresis 防护罩: 碳钢黑色电泳
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

ST . PN . 02 / A - 250


Installation Position 安装位置

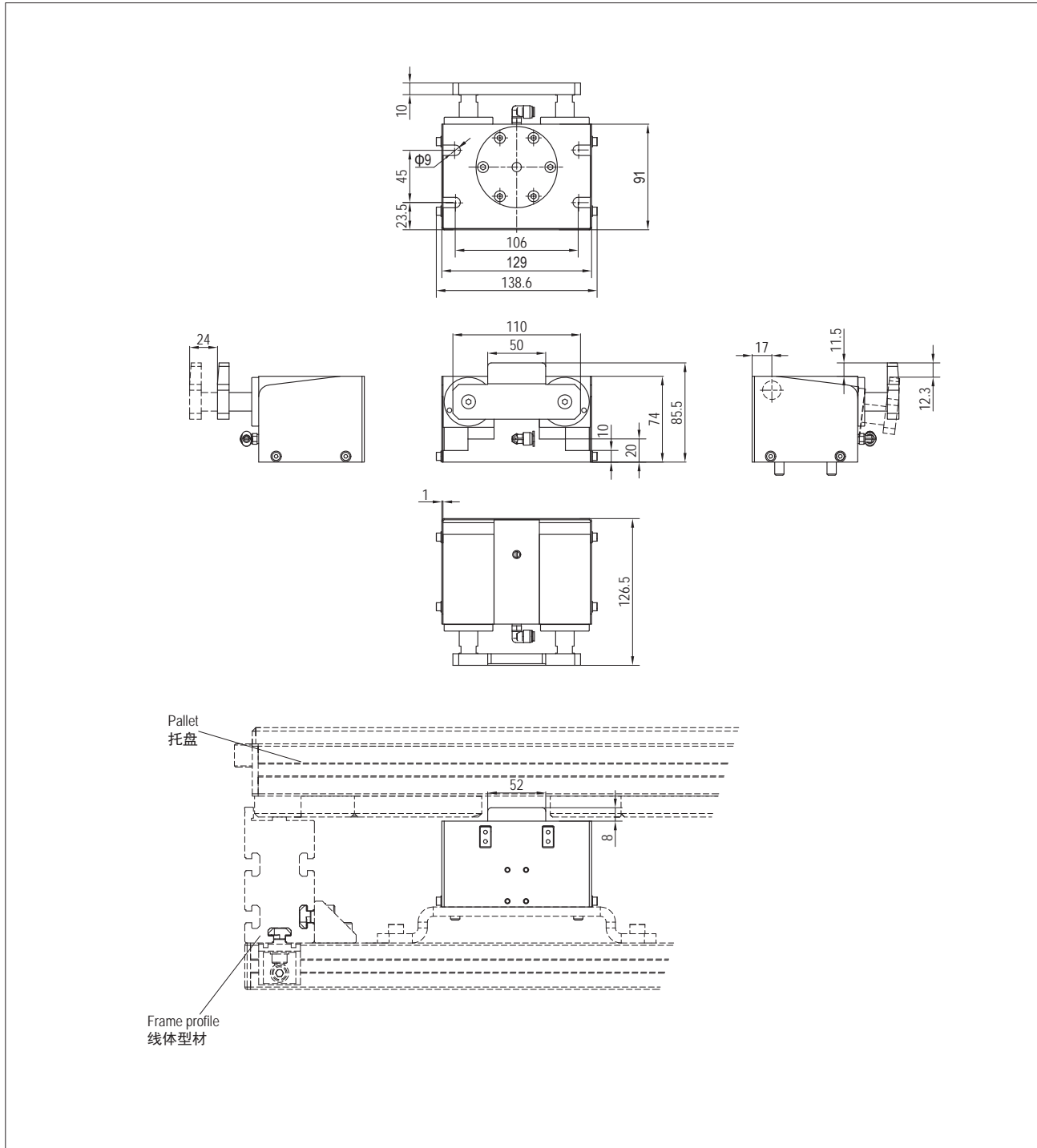

ST.PN.02/A-250 Pneumatic damping stop/气动缓冲挡停器



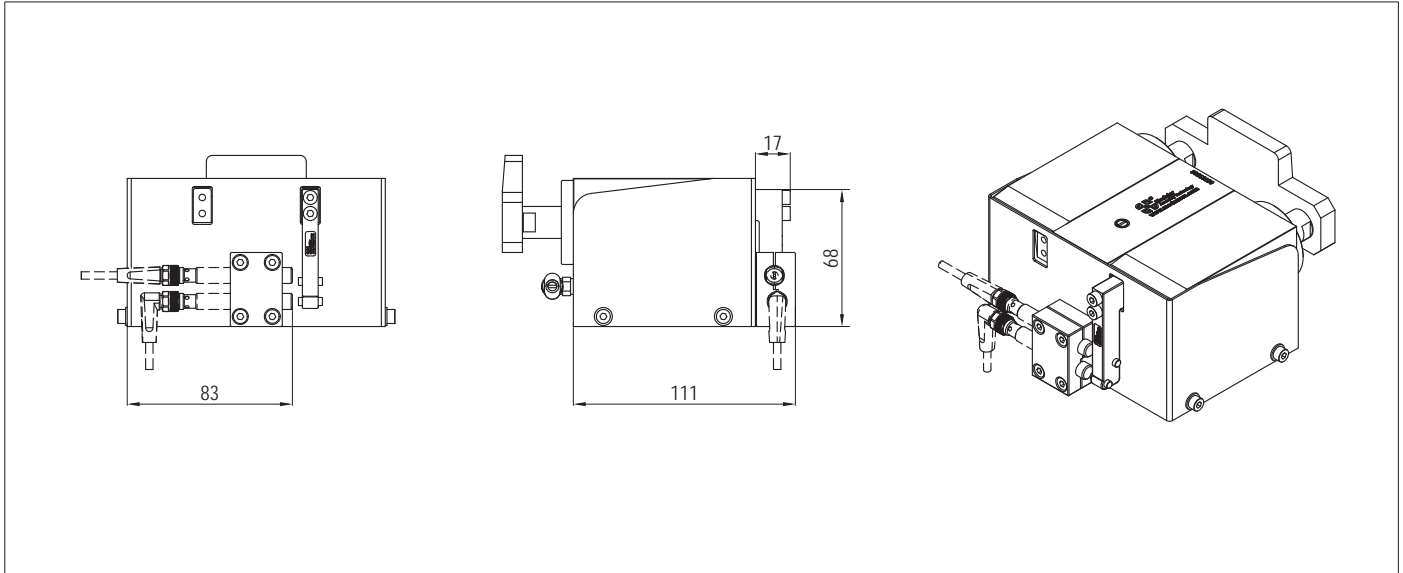
Dimension

尺寸

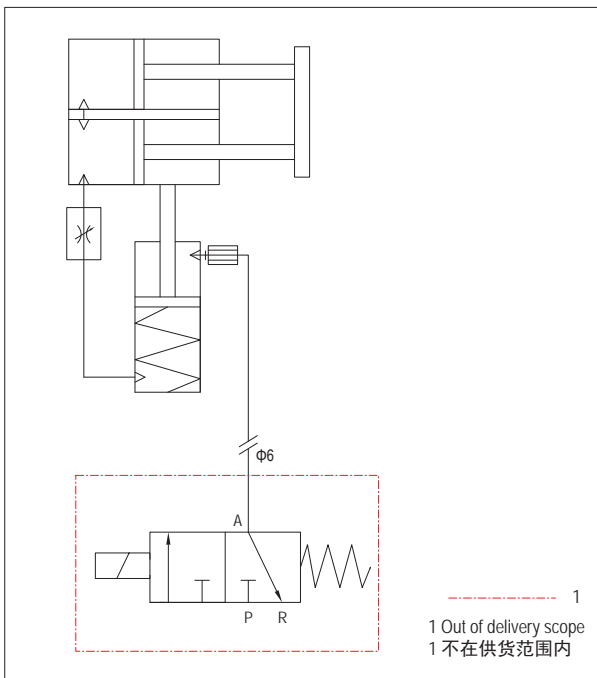
ST.PN.02/A-250 Pneumatic damping stop/气动缓冲挡停器



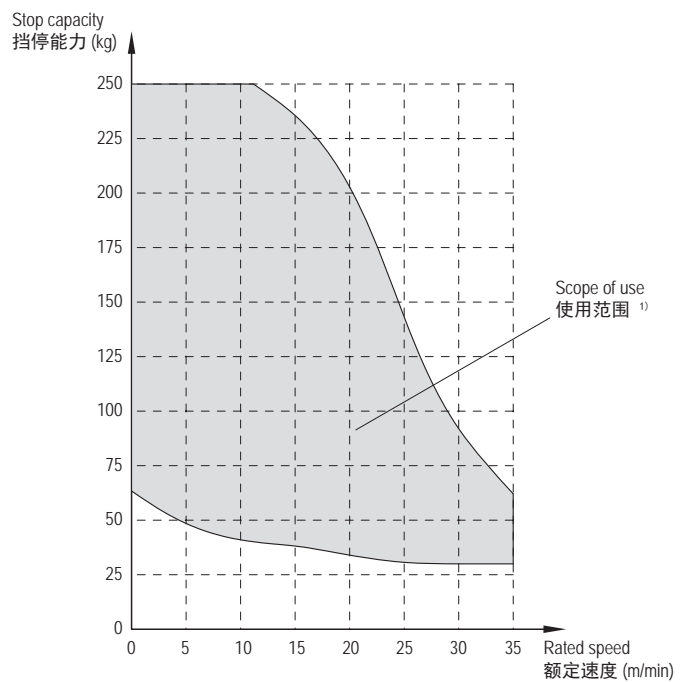
Sensor Installation Diagram
传感器安装示意图



Schematic Diagram
原理图

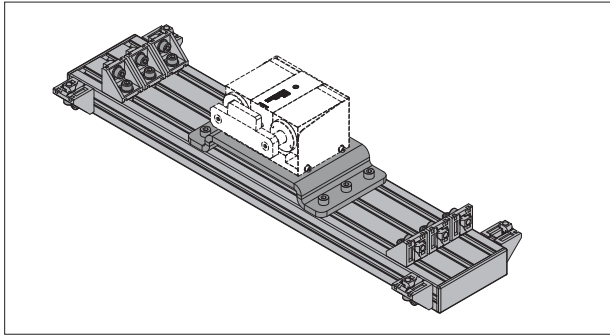


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Support
支架

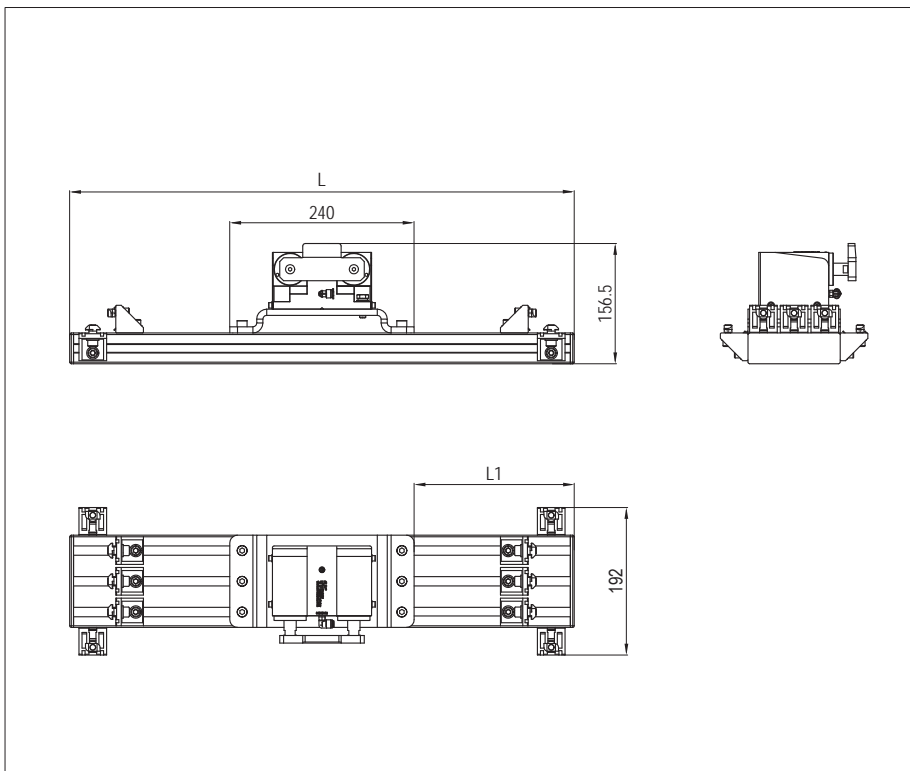


- ▶ Material: aluminum, steel, Diecast aluminum
材料：铝合金、钢、压铸铝合金
- ▶ Used with ST.PN.02/A-250 pneumatic damper.
与 ST.PN.02/A-250 气动缓冲器配合使用。
- ▶ Support length L is subject to the pallet width. The installation position of stop is subject to the corresponding location of the slot on the pallet.
支架长度 L 根据托盘宽度确定，挡停器安装位置根据托盘上对应凹槽位置确定。

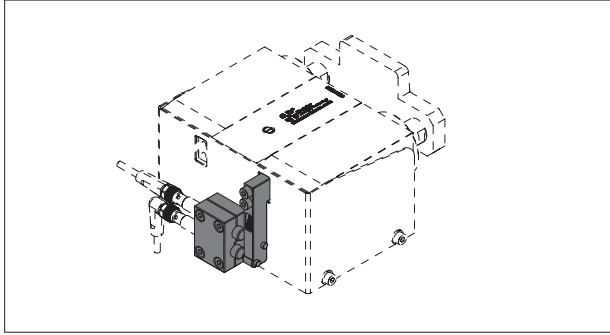
! Ordering reference
订购说明

Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	Custom made (No stock for now) 可定制 (暂无备货)

Dimension
尺寸



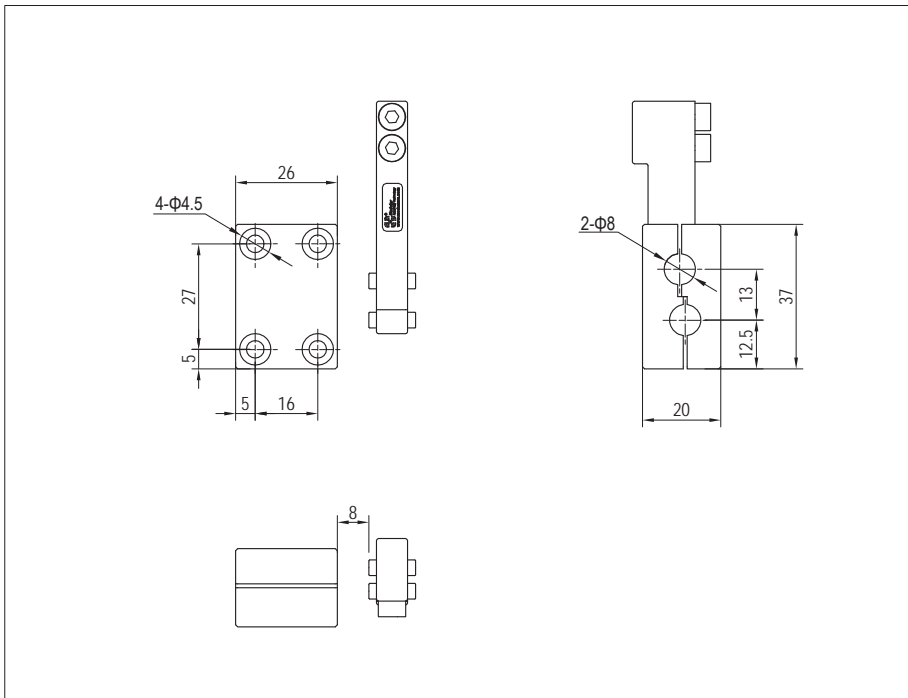
Detection Unit for Stop
挡停器位置感应组件



- ▶ Material: Bracket, PA6 Black; detection rod, PA6 Black, SUS304
材料：壳体，PA6 黑；检测杆，PA6 黑、SUS304
- ▶ Used with 50813100 Stop to detect whether the stop is under release condition.
与 50813100 气动缓冲挡停器配合使用检测挡停器是否处于可放行状态。
- ▶ Matching accessory: M8x1 sensor (To be ordered separately).
所需配件：M8×1传感器（传感器必需单独订购）。



Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Detection Unit for Stop 挡停器位置感应组件	1	50813200

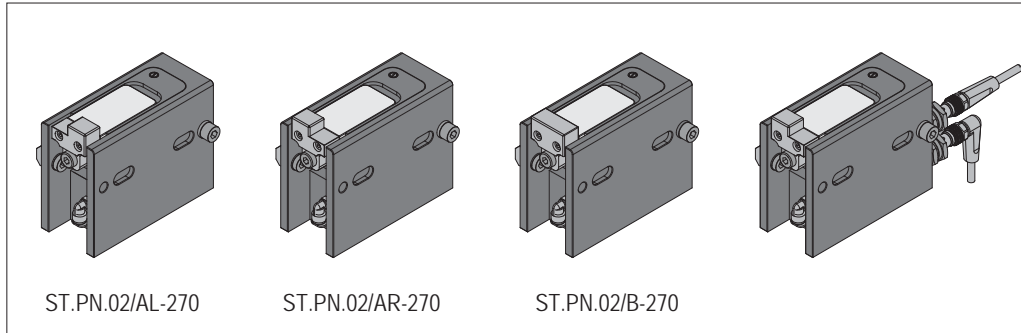
Dimension
尺寸



- ▶ Scope of delivery
供货范围
Including all fastening sets to mount on pallet conveyor
包括紧固件
- ▶ Supply mode
供货状态
Not equipped
未装配

ST.PN.02/...-270 Pneumatic Damping Stop
ST.PN.02/...-270 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 订量≥50套时货期请来电咨询		



Features/Benefits 特征

1. No inverse operation allowed and to be installed directly on the conveyor line or on the cross bracing of conveyor line.
不允许反向操作，直接安装在输送线体上或安装于线体内横向支架上。
2. Operation noise less than 60 dB. Stop and release height is 9 mm, buffer stroke is 35 mm.
运行噪音小于 60 dB，阻挡、放行高度为 9 mm，缓冲行程为 35 mm。
3. It can be used on PTS1, PTS2 or PTS1/H conveyor to control WP2/S, WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS 2 和 PTS1/H 托盘输送机使用。
4. Damped stopping of the first accumulating pallet. It stops one or more accumulating pallets at the defined position. When the pressure is released, the stop is closed by a spring and the workpiece pallet is stopped.
缓冲挡停第一个托盘。该挡停器将一个或多个堆积的托盘挡停在指定的位置上。当压力释放时，弹簧将挡停器关闭，从而挡停托盘。

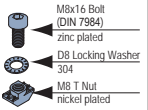
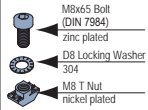
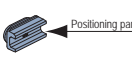
Supply Mode 供货方式

1. Scope of delivery
供货范围

Pneumatic damping stop with three different stop blocks
三种不同挡板的气动缓冲挡停器

Fittings
配件

Including all positioning and fastening sets (1xLD+1xLJ+2xGM) to mount on pallet conveyor.
包括所有用于托盘输送机上安装的挡停器定位件及紧固件 (1xLD+1xLJ+2xGM)。

LD	Fastening Set	LJ	Fastening Set	GM	Fastening Set
	M8x16 Bolt (DIN 7984) zinc plated D8 Locking Washer 304 M8 T Nut nickel plated		M8x65 Bolt (DIN 7984) zinc plated D8 Locking Washer 304 M8 T Nut nickel plated		Positioning part

2. Delivery condition
供货状态

Equipped
已装配

 Locking torque of M8x65 bolt is 10.6 N.m.
M8×65 螺栓锁紧扭矩为 10.6 N.m



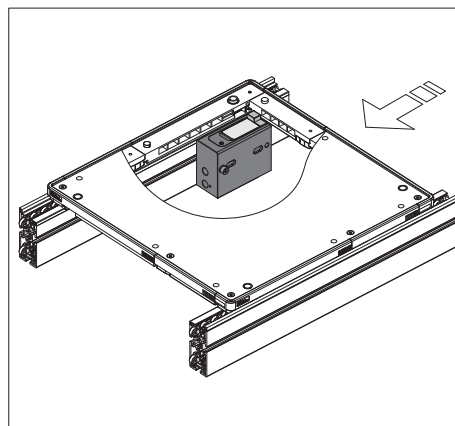
Specifications 规格配置

ST.PN.02/AL-270 Part No./订购编号	50815101
ST.PN.02/AR-270 Part No./订购编号	50815102
ST.PN.02/B-270 Part No./订购编号	50815103
Pallet and workpiece max. mass 托盘和工件最大总质量 m_c (kg)	270 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	8 ¹⁾
ST.PN.02/AL-270 Mass/质量 m (g)	1750
ST.PN.02/AR-270 Mass/质量 m (g)	1750
ST.PN.02/B-270 Mass/质量 m (g)	1760
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

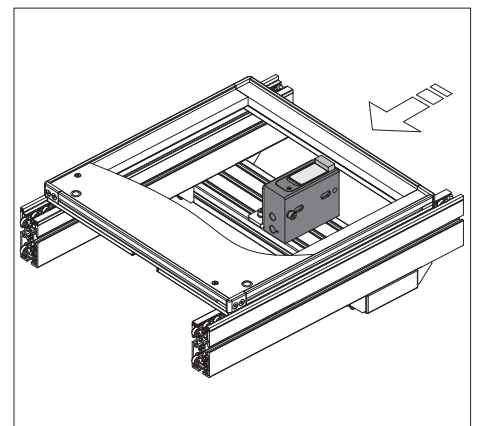
Ordering Reference 型号说明

Installation Position 安装位置


ST.PN.02/AR-270 Pneumatic damping stop/气动缓冲挡停器



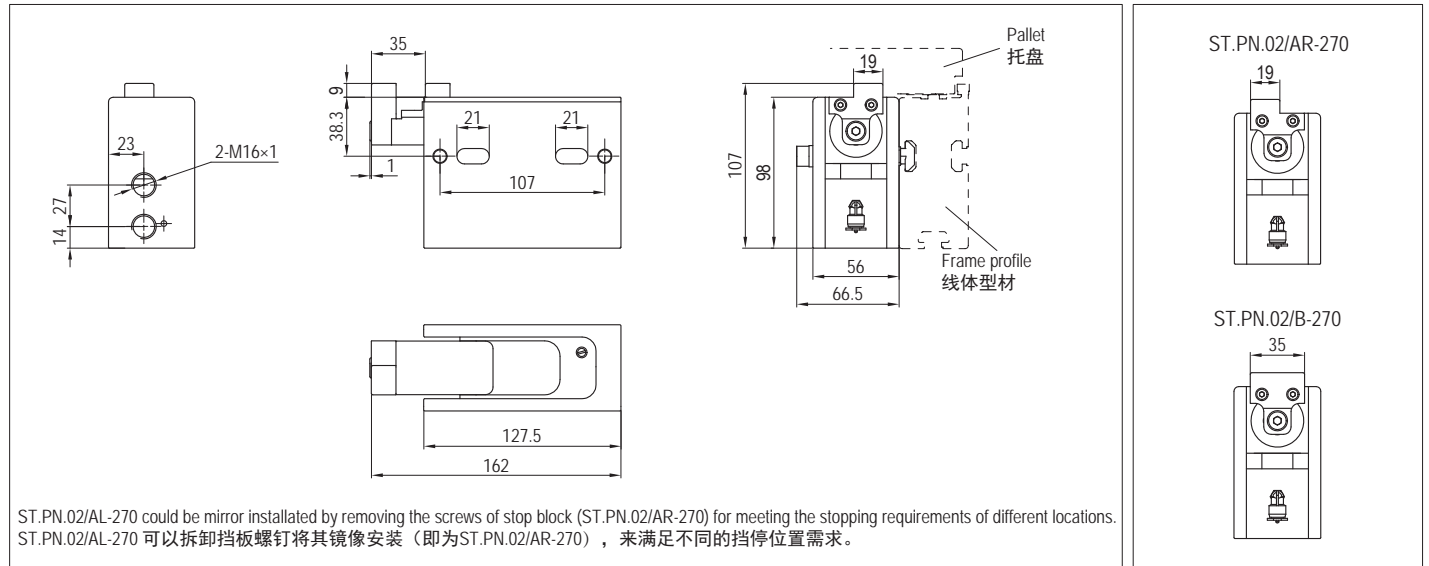
ST.PN.02/AL-270 Pneumatic damping stop/气动缓冲挡停器



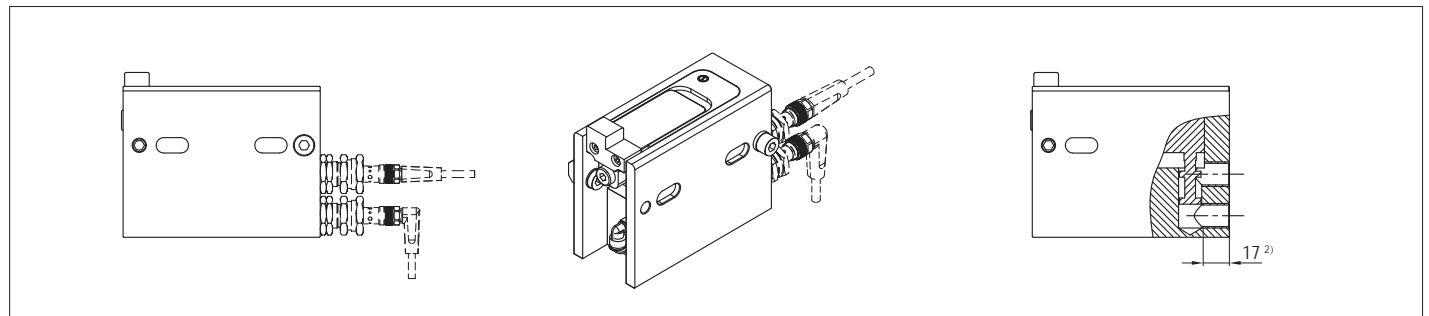
ST.PN.02/B-270 Pneumatic damping stop/气动缓冲挡停器

Dimension
尺寸

ST.PN.02/AL-270 Pneumatic Damping Stop/气动缓冲挡停器



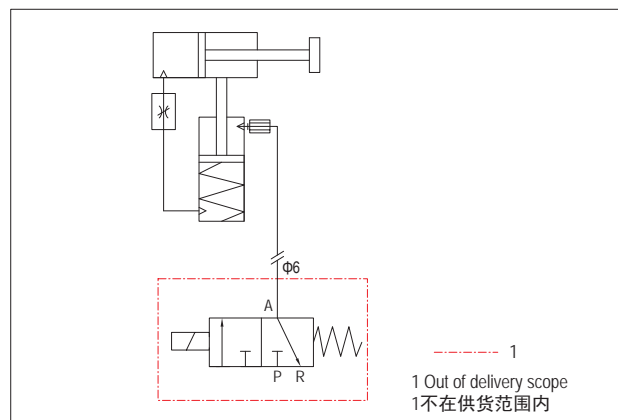
Sensor Installation Diagram
传感器安装示意图



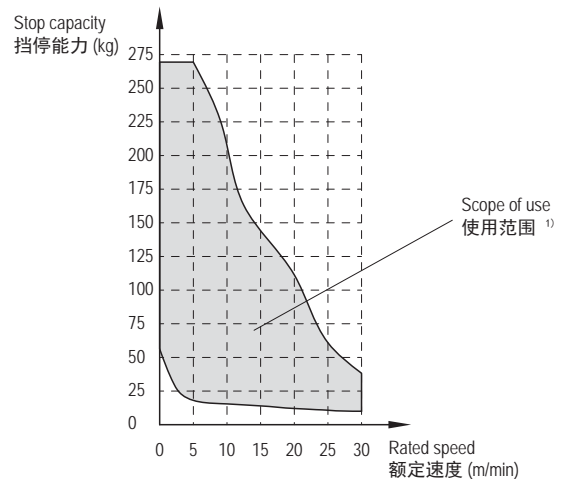
Matching accessory: M16×1 sensor mounting clip, M12×1 sensor (to be ordered separately)
所需配件：M16×1 传感器安装夹，M12×1 传感器（均需单独订购）

²⁾ Screw-in length of sensor mounting clip
²⁾ 传感器安装夹旋入尺寸

Schematic Diagram
原理图





Stop Capacity Diagram
挡停能力图

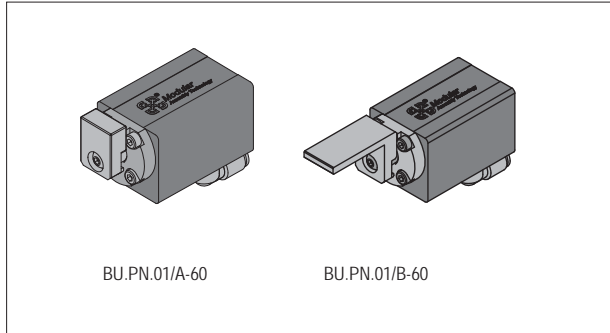


¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。



BU.PN.01/...-60 Pneumatic Damper
BU.PN.01/...-60 气动缓冲器

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



Features/Benefits 特征

1. No inverse operation allowed and to be installed at the end of the conveyor line or lift and transverse unit.
不允许反向操作，直接安装在输送线体末端或顶升横移上。
2. Operation noise less than 60 dB. Buffer stroke is 21.5 mm. To work with WP2/S or WP2/C pallet.
运行噪音小于 60 dB，缓冲行程为 21.5 mm。可与 WP2/S、WP2/C 托盘组合。
3. BU.PN.01/A-60 pneumatic damper is suitable to be used on PTS1, PTS2 or PTS1/H conveyor. BU.PN.01/B-60 pneumatic damper is suitable to be used on lift and transverse unit.
BU.PN.01/A-60 气动缓冲器配合 PTS1、PTS2 和 PTS1/H 托盘输送机使用。BU.PN.01/B-60 气动缓冲器配合顶升横移使用。
4. The damper cushions the impact of pallets when they are moved from or onto a main conveyor section. When the stop is open and the pallet moves to the damper, the damper resets at the same time.
在托盘移入或移出主线体时，缓冲器用于减少其冲击力。当挡停器打开，将托盘释放到缓冲器时，缓冲器同时气动复位。
5. The adjusting screw at the back side of the damper is used to adjust the buffering force.
通过缓冲器后方的调节螺钉调节缓冲的力度。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Pneumatic damper with different stop blocks
两种不同挡板的气动缓冲器








Fittings
配件

BU.PN.01/A-60 is installed at the end of the main conveyor section with support. The support need to be ordered separately (including fasteners 2xGB+4xGU)(see PG 152).

BU.PN.01/A-60 气动缓冲器需配合支架安装于主线体末端，请单独订购支架 (含紧固件 2xGB+4xGU)(详见 PG 152)

BU.PN.01/B-60 pneumatic damper is directly installed on the side plate of lift and transverse unit. Including fastening set (4xGU) installed on the lift and transverse unit.

BU.PN.01/B-60 气动缓冲器直接安装于顶升横移外侧板上，无需支架，包括所有用于顶升横移上安装的紧固件 (4xGU)。

GB	Fastening Set	GU	Fastening Set
	M8x16 Bolt zinc plated		M6x16 Bolt zinc plated
	M8 Spring Washer zinc plated		M6 Spring Washer zinc plated
	M8 Washer zinc plated		M6 Washer zinc plated
	M8 T Nut nickel plated		

2. Delivery condition
供货状态

Equipped
已装配



Specifications 规格配置

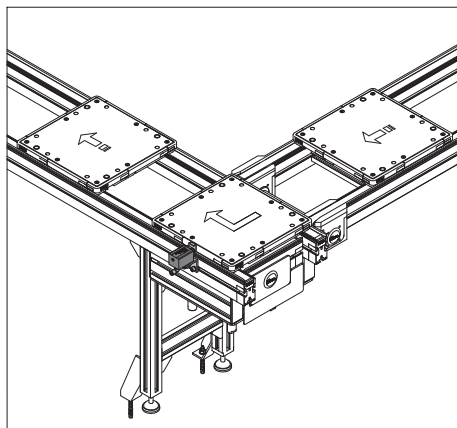
BU.PN.01/A-60 Part No./订购编号	50806101
BU.PN.01/B-60 Part No./订购编号	50806102
Pallet and workpiece max. mass 托盘和工件最大总质量 m_c (kg)	60 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	1 ¹⁾
BU.PN.01/A-60 Mass/质量 m (g)	350
BU.PN.01/B-60 Mass/质量 m (g)	380
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

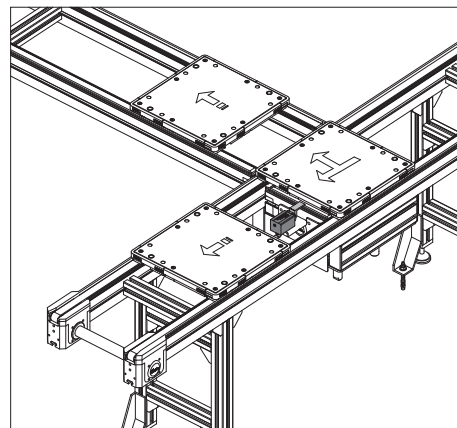
BU . PN . 01 / A - 60


Installation Position 安装位置


BU.PN.01/A-60 Pneumatic Damper / 气动缓冲器



BU.PN.01/A-60 installed at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.
 BU.PN.01/A-60 安装于线体对接处，用于缓冲并挡移移入移出主线体的托盘

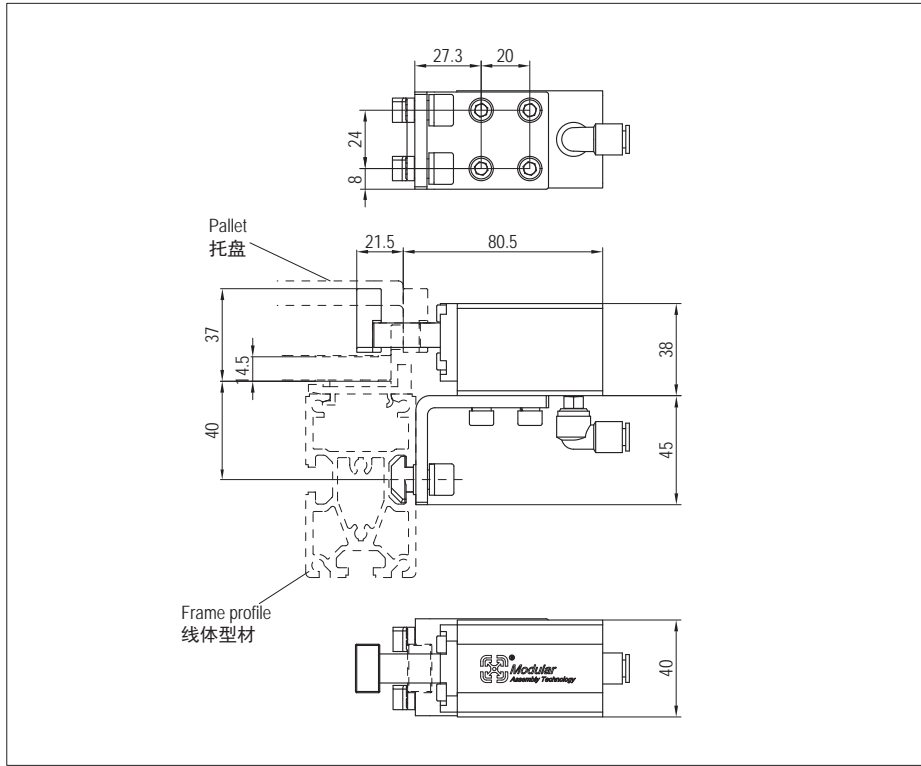


BU.PN.01/B-60 installed on the Lift and Transverse Unit (3 position) at the joint of the conveyor. It is used to buffer and stop the pallet outfeeding from the main conveyor.
 BU.PN.01/B-60 安装于线体对接处的3位置顶升横移上，用于缓冲并挡移移出主线体的托盘

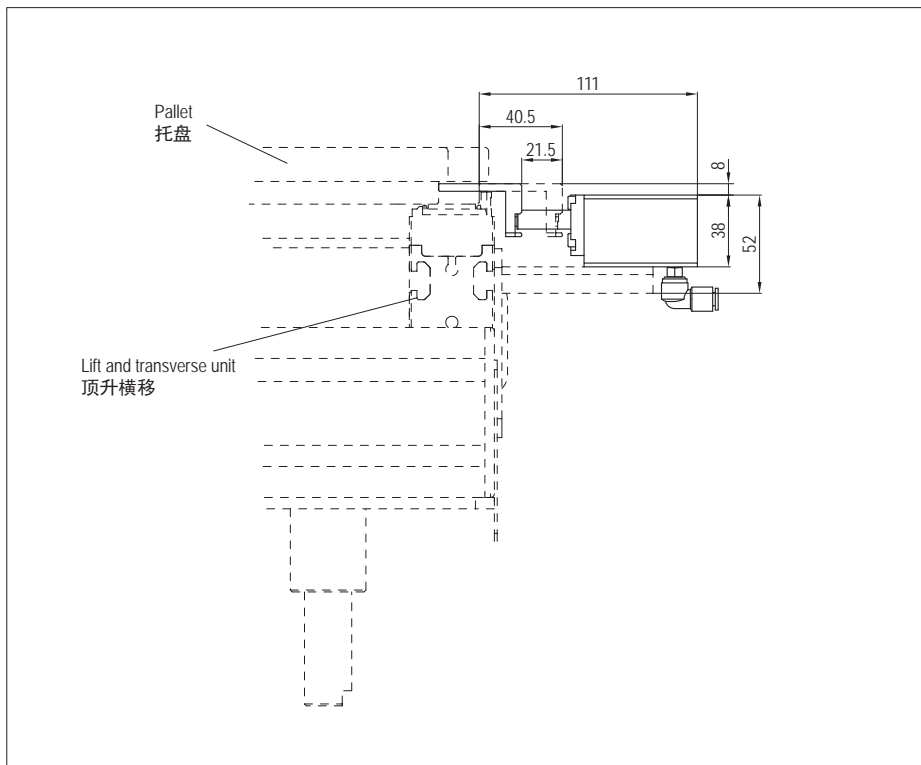
Dimension

尺寸

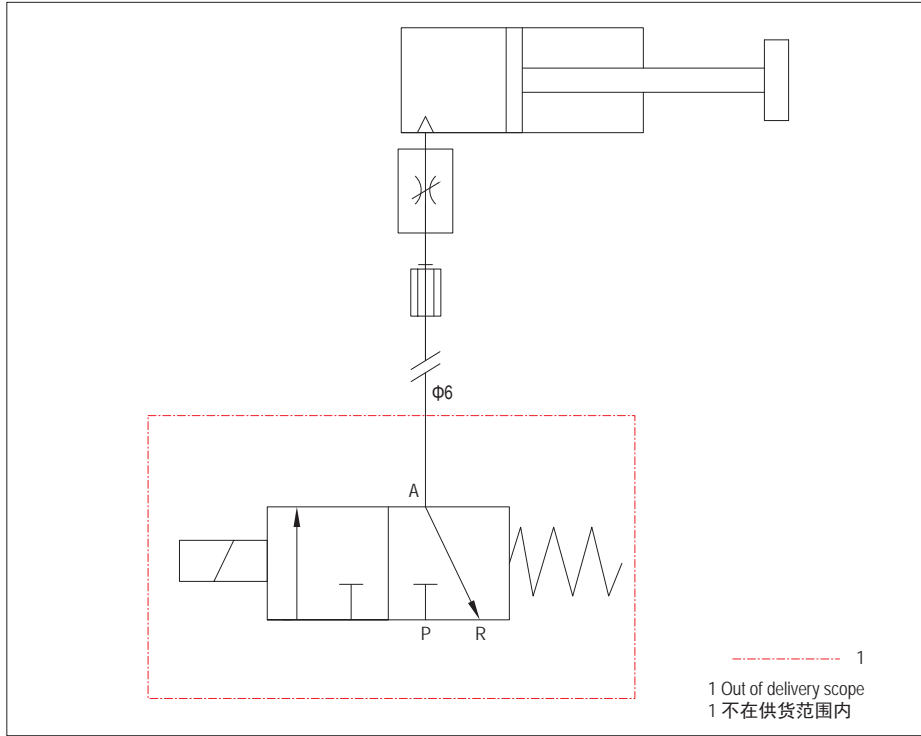
BU.PN.01/A-60 Pneumatic damper/气动缓冲器



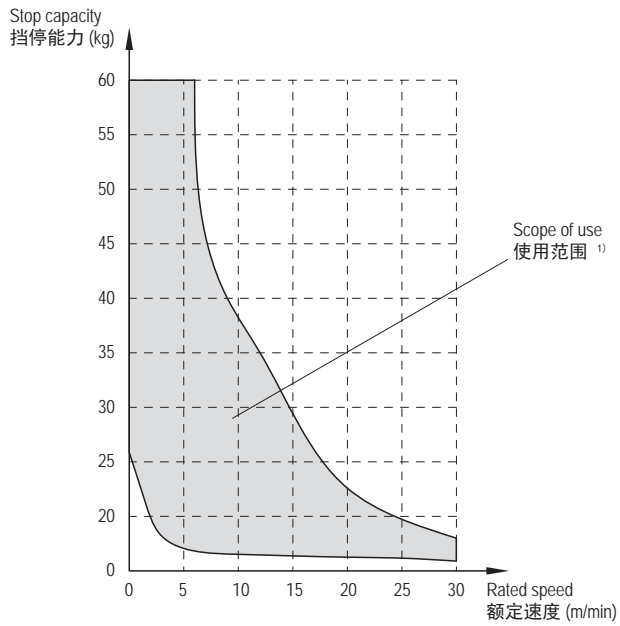
BU.PN.01/B-60 Pneumatic damper/气动缓冲器



Schematic Diagram
原理图



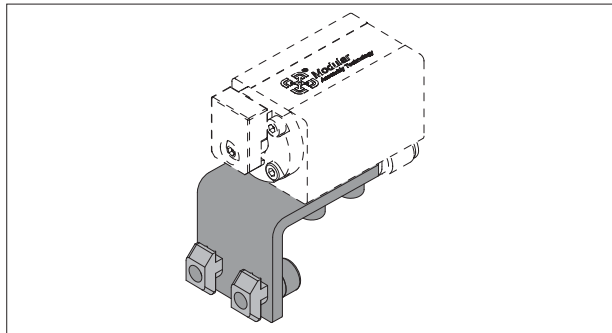
Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。



Support
支架

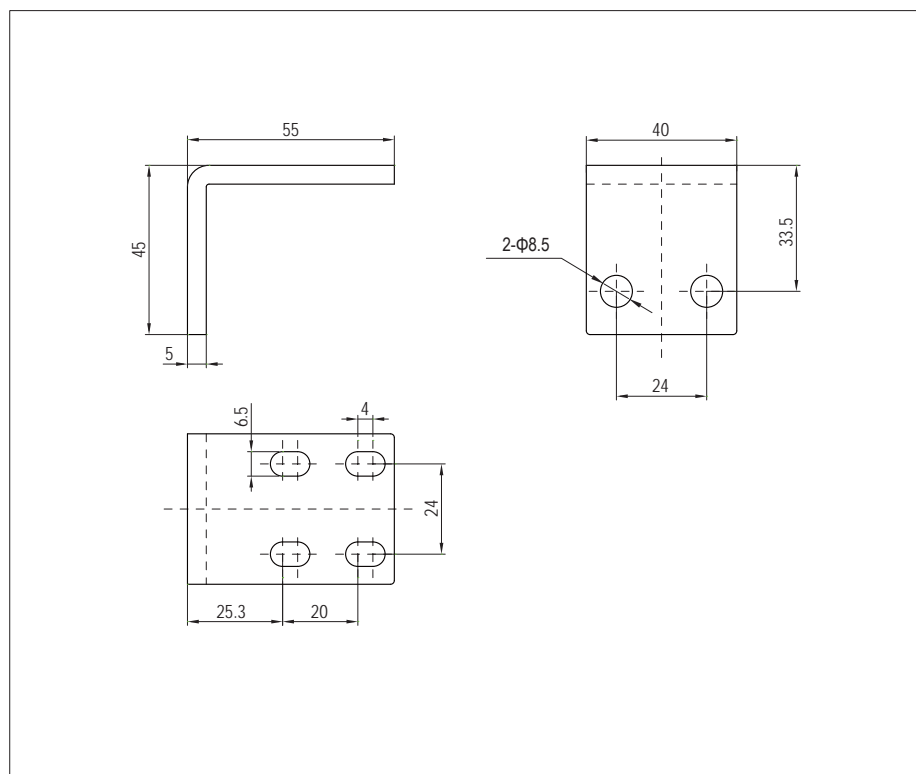


- ▶ Material: steel, black electrophoresis
材料: 钢, 黑色电泳
- ▶ Used with BU.PN.01/A-60 pneumatic damper
与 BU.PN.01/A-60 气动缓冲器配合使用。



Ordering reference
订购说明

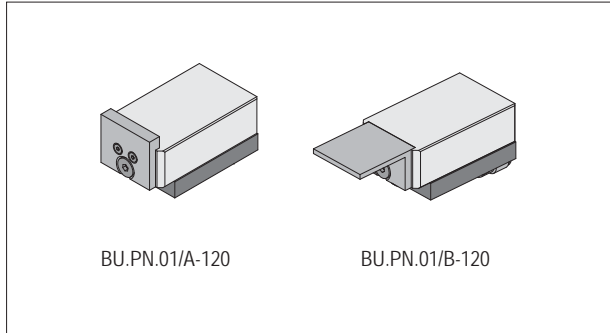
Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	50806103

Dimension
尺寸



BU.PN.01/...-120 Pneumatic Damper
BU.PN.01/...-120 气动缓冲器

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



Features/Benefits 特征

1. No inverse operation allowed and to be installed at the end of the conveyor line or lift and transverse unit.
不允许反向操作，直接安装在输送线体末端或顶升横移上。
2. Operation noise less than 60 dB. Buffer stroke is 34.5 mm. To work with WP2/S, WP2/E or WP2/C pallet.
运行噪音小于 60 dB，缓冲行程为 34.5 mm。可与 WP2/S、WP2/E、WP2/C 托盘组合。
3. BU.PN.01/A-120 pneumatic damper is suitable to be used on PTS 1, PTS2 or PTS1/H conveyor.
BU.PN.01/A-120 气动缓冲器配合 PTS1、PTS2 和 PTS1/H 托盘输送机使用。
4. BU.PN.01/B-120 pneumatic damper is suitable to be used on lift and transverse unit.
BU.PN.01/B-120 气动缓冲器配合顶升横移使用。
5. The damper cushions the impact of workpiece pallets when they are moved from or onto a main conveyor section. When the stop is open and the pallet move to the damper, the damper resets at the same time.
在托盘移入或移出主线体时，缓冲器用于减少其冲击力。当挡停器打开，将托盘释放到缓冲器时，缓冲器同时气动复位。
6. The adjusting screw at the back side of the damper is used to adjust the buffering force.
通过缓冲器后方的调节螺钉调节缓冲的力度。

Supply Mode 供货方式

1. Scope of delivery

供货范围

Pneumatic damper with different stop blocks
两种不同挡板的气动缓冲器

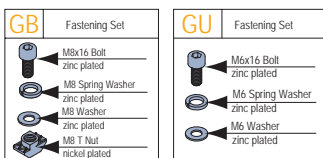
Fittings
配件

BU.PN.01/A-120 is installed at the end of the main conveyor section with support. The support need to be ordered separately (including fasteners 2xGB+4xGU) (see PG 157)

BU.PN.01/A-120 气动缓冲器需配合支架安装于主线体末端，请单独订购支架 (含紧固件 2xGB+4xGU) (详见 PG 157)。

BU.PN.01/B-120 pneumatic damper is directly installed on the side plate of lift and transverse unit. Including fastening set (4xGU) installed on the lift and transverse unit.

BU.PN.01/B-120 气动缓冲器直接安装于顶升横移外侧板上，无需支架，包括所有用于顶升横移上安装的紧固件 (4xGU)。



2. Delivery condition

供货状态

Equipped
已装配

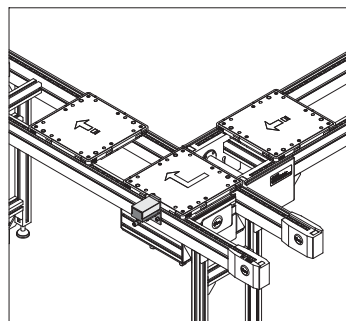


Specifications 规格配置

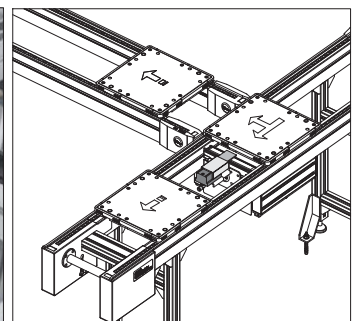
BU.PN.01/A-120 Part No./订购编号	50805101
BU.PN.01/B-120 Part No./订购编号	50805102
Pallet and workpiece max. mass 托盘和工件最大总质量 m_c (kg)	120 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	10 ¹⁾
BU.PN.01/A-120 Mass/质量 m (g)	880
BU.PN.01/B-120 Mass/质量 m (g)	920
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

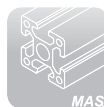
BU . PN . 01 / A - 120


Installation Position 安装位置


BU.PN.01/A-120 installed at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.
 BU.PN.01/A-120 安装于线体对接处，用于缓冲并挡停移入移出主线体的托盘



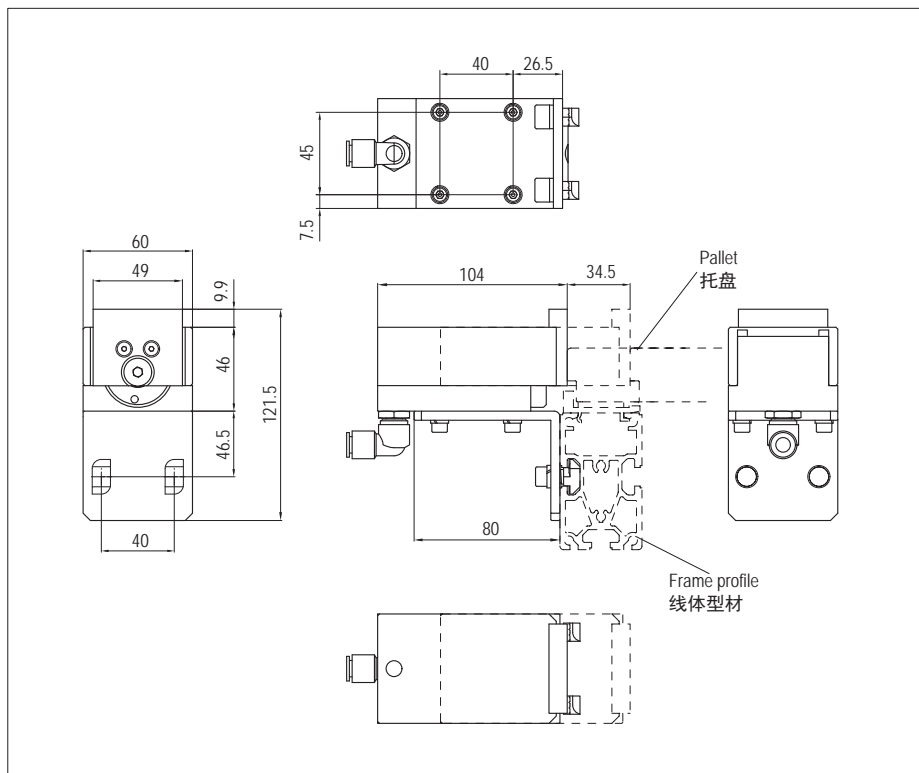
BU.PN.01/B-120 installed on the Lift and Transverse Unit(3 position)at the joint of the conveyor. It is used to buffer and stop the pallet outfeeding from the main conveyor.
 BU.PN.01/B-120 安装于线体对接处的3位置顶升横移上，用于缓冲并挡停移出主线体的托盘



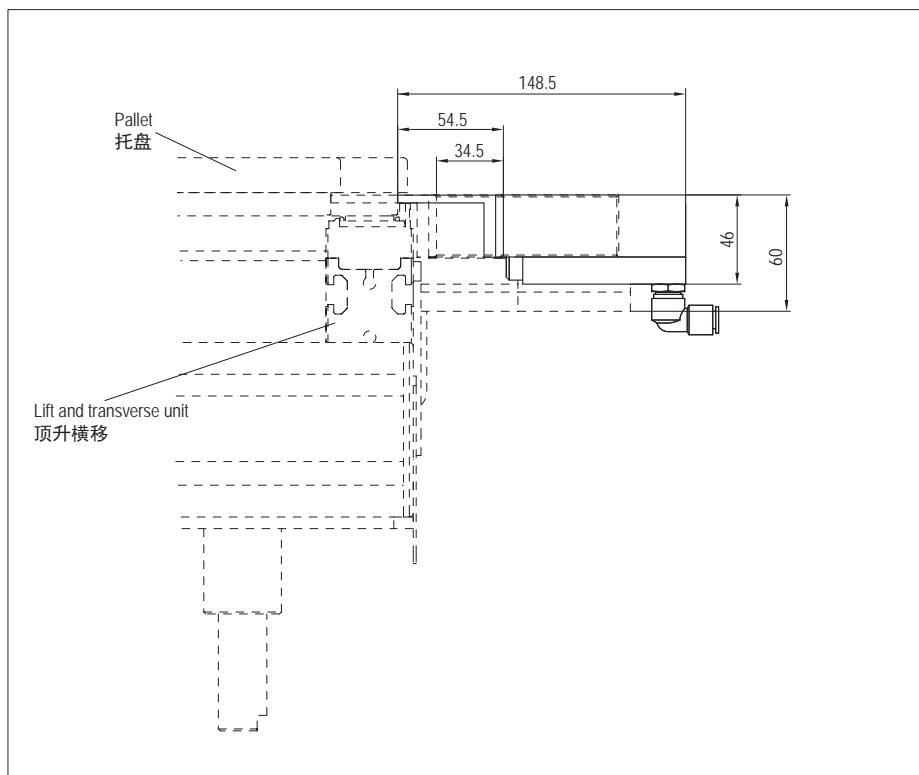
Dimension

尺寸

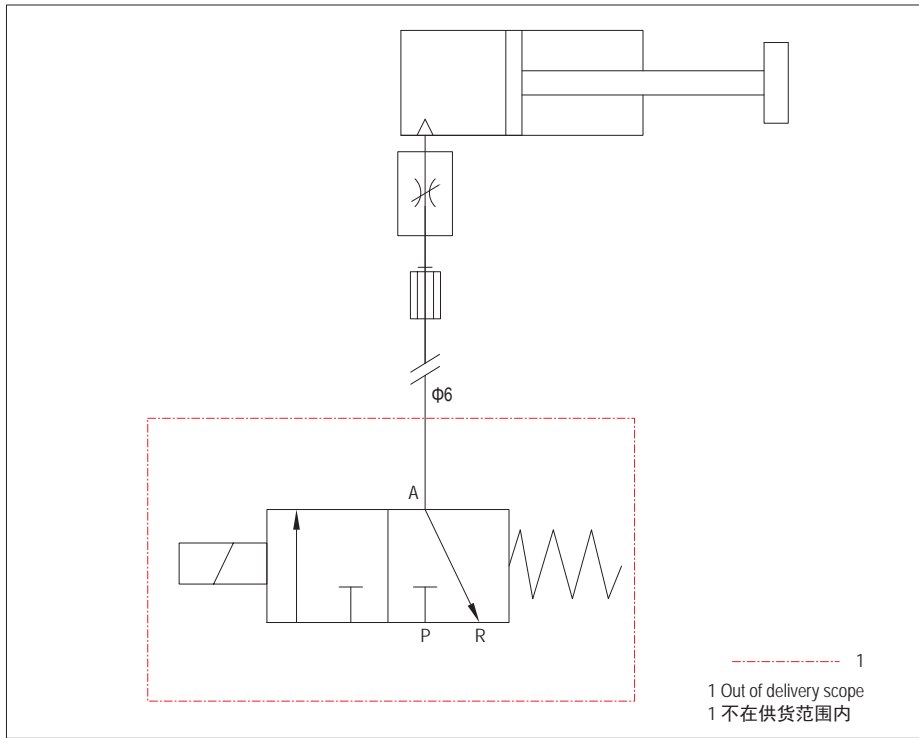
BU.PN.01/A-120 Pneumatic damper/气动缓冲器



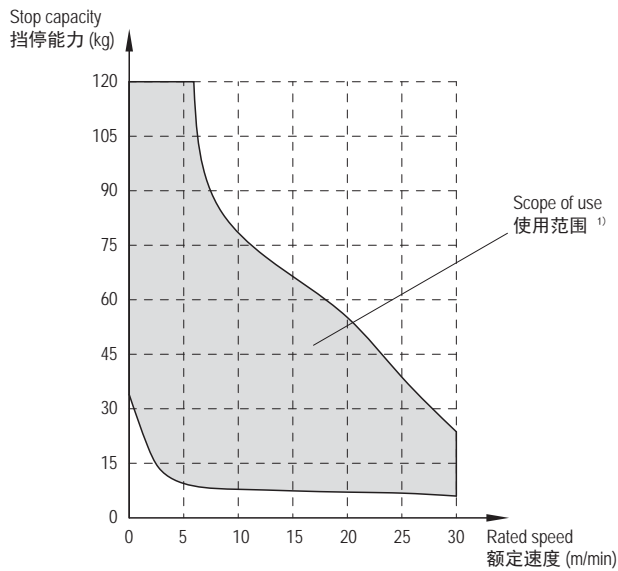
BU.PN.01/B-120 Pneumatic damper/气动缓冲器



Schematic Diagram
原理图

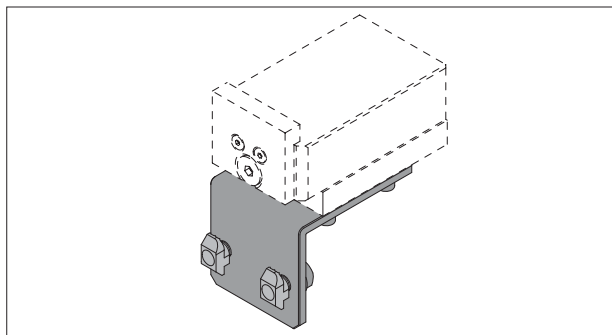


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Support
支架

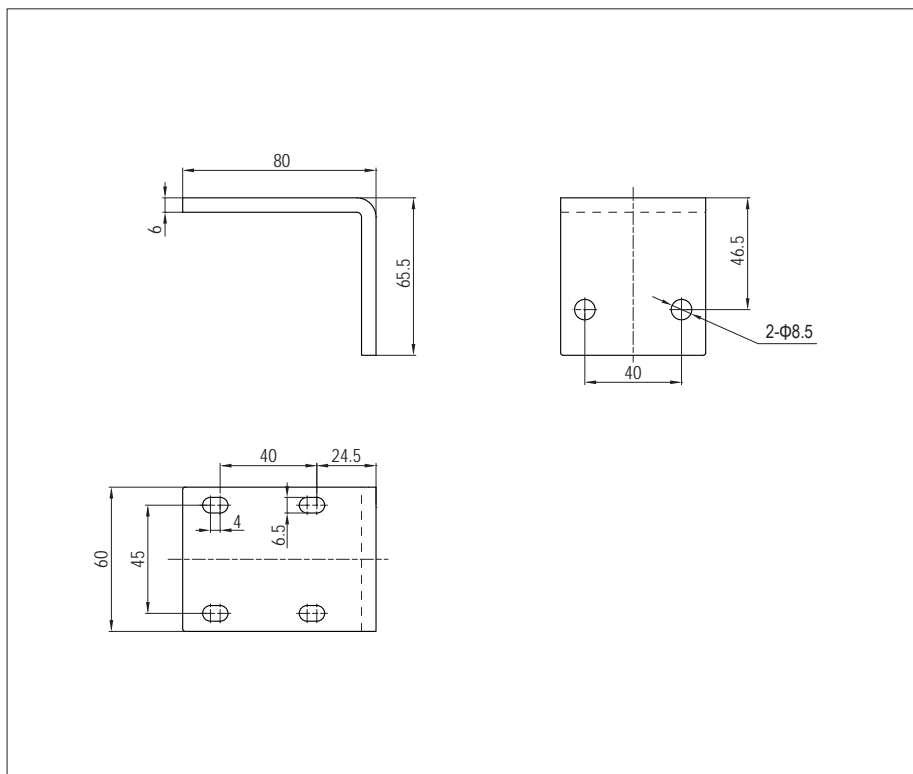


- ▶ Material: steel, black electrophoresis
材料: 钢, 黑色电泳
- ▶ Used with BU.PN.01/A-120 pneumatic damper
与 BU.PN.01/A-120 气动缓冲器配合使用。



Ordering reference
订购说明

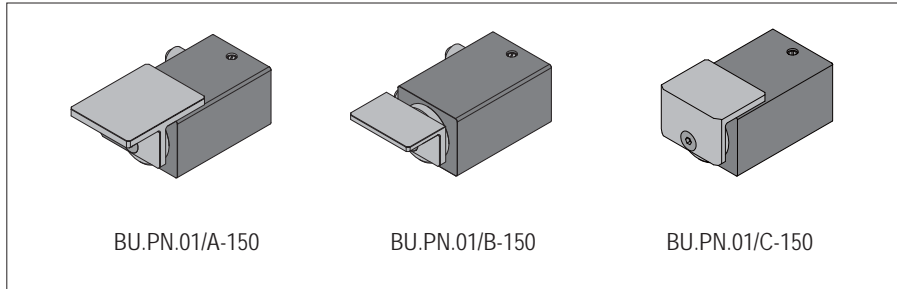
Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	50805103

Dimension
尺寸



BU.PN.01/...-150 Pneumatic Damper
BU.PN.01/...-150 气动缓冲器

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



Features/Benefits 特征

1. No inverse operation allowed and to be easily and directly installed on the conveyor line or lift and transverse unit.
不允许反向操作，直接安装在输送线体或顶升横移上，安装方便简捷。
2. Operation noise less than 60 dB. Buffer stroke is 24 mm.
运行噪音小于 60 dB，缓冲行程为 24 mm。
3. Used on PTS1, PTS1/H, PTS2, PTS4 conveyor or lift and transverse unit to control WP2/S, WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS1/H、PTS2 和 PTS4 托盘输送机或顶升横移使用。
4. BU.PN.01/A/C-150 pneumatic damper cushions the impact of workpiece pallets when they are moved onto a main conveyor section. When the stop is open and the pallet moves to the damper, the damper resets at the same time.
BU.PN.01/A/C-150 气动缓冲器在托盘移入主线体时，用于减少其冲击力。当挡停器打开，将托盘释放到缓冲器时，缓冲器同时气动复位。
5. BU.PN.01/B-150 pneumatic damper used with lift and transverse unit.
BU.PN.01/B-150 气动缓冲器配合顶升横移使用。
6. The adjusting screw at the back side of the damper is used to adjust the buffering force.
通过缓冲器后方的调节螺钉调节缓冲的力度。

Supply Mode 供货方式

1. Scope of delivery

供货范围

Pneumatic damper with three different stop blocks
三种不同挡板的气动缓冲器

Fittings

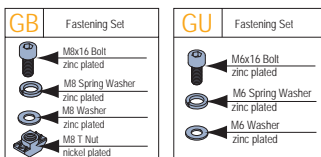
配件

BU.PN.01/A-150 is installed at the end of the main conveyor section with support. The support need to be ordered separately. (including fasteners 2xGB+4xGU) (see PG 162).

BU.PN.01/A-150 气动缓冲器需配合支架安装于主线体外侧，请单独订购支架(含紧固件 2xGB+4xGU)(详见 PG 162)。

BU.PN.01/B-150 pneumatic damper is directly installed on the side plate of lift and transverse unit without support, Including fastening set (4xGU) installed on the lift and transverse unit.

BU.PN.01/B-150 气动缓冲器直接安装于顶升横移外侧板上，无需支架，包括用于顶升横移上安装的紧固件(4xGU)。



2. Delivery condition

供货状态

Equipped

已装配



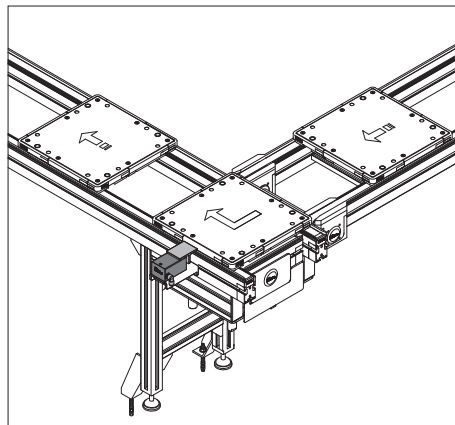
Specifications 规格配置

BU.PN.01/A-150 Part No./订购编号	50808131
BU.PN.01/B-150 Part No./订购编号	50808132
BU.PN.01/C-150 Part No./订购编号	50808133
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	150 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	7 ¹⁾
BU.PN.01/A-150 Mass/质量 m (g)	1810
BU.PN.01/B-150 Mass/质量 m (g)	1830
BU.PN.01/C-150 Mass/质量 m (g)	1733
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 ($^{\circ}\text{C}$)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

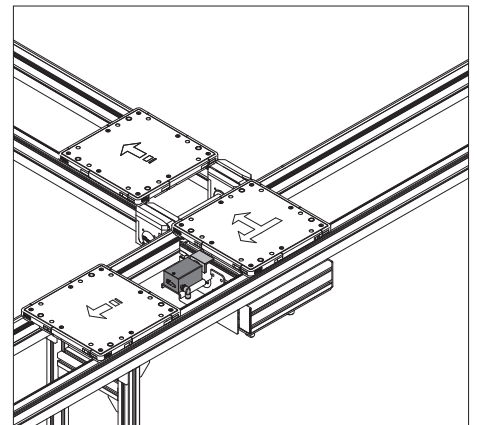
Installation Position 安装位置


BU.PN.01/A-150 Pneumatic Damper / 气动缓冲器



BU.PN.01/A/C-150 installed at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.

BU.PN.01/A/C-150 安装于线体对接处，用于缓冲并挡停移入移出主线体的托盘。



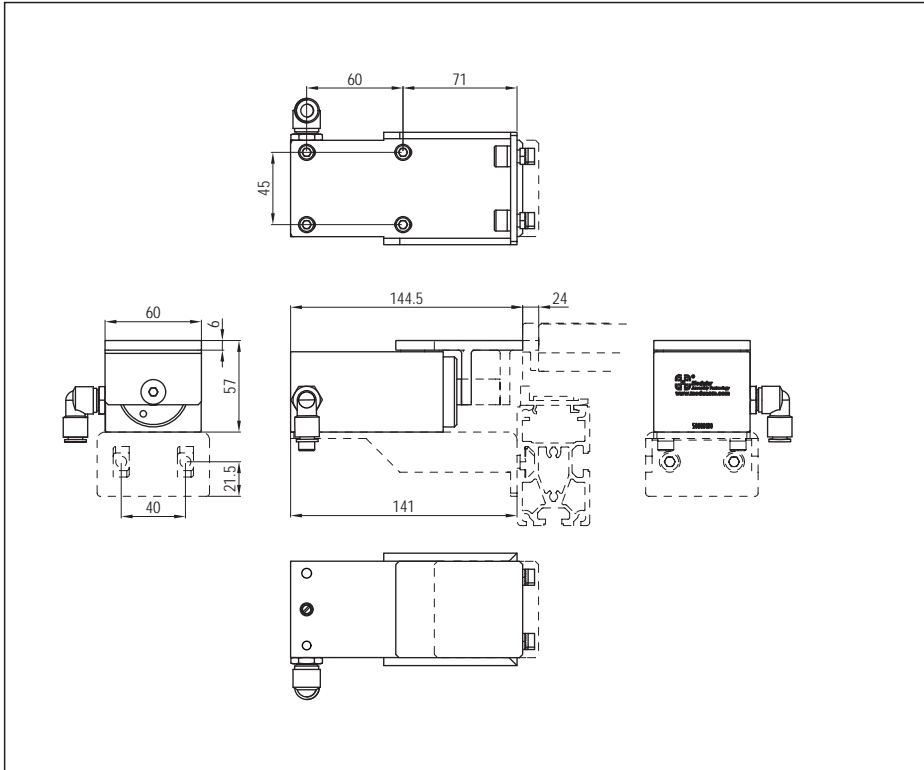
BU.PN.01/B-150 installed on the Lift and Transverse Unit (3 position) at the joint of the conveyor. It is used to buffer and stop the pallet outfeeding from the main conveyor.

BU.PN.01/B-150 安装于线体对接处的3位置顶升横移上，用于缓冲并挡停移出主线体的托盘。

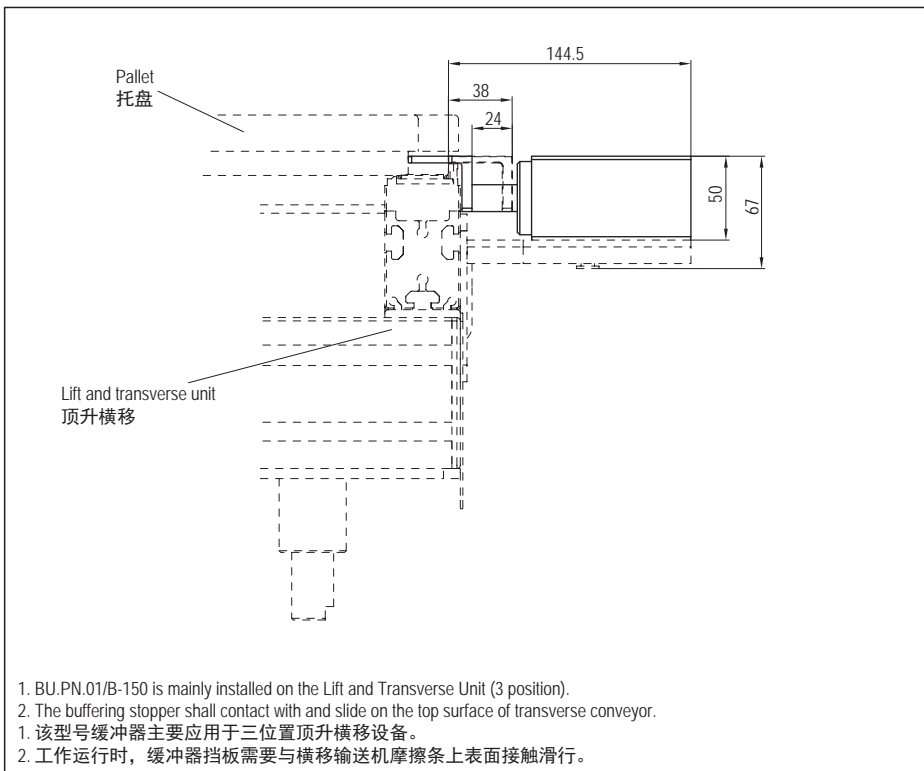
Dimension

尺寸

BU.PN.01/A-150 Pneumatic damper/气动缓冲器



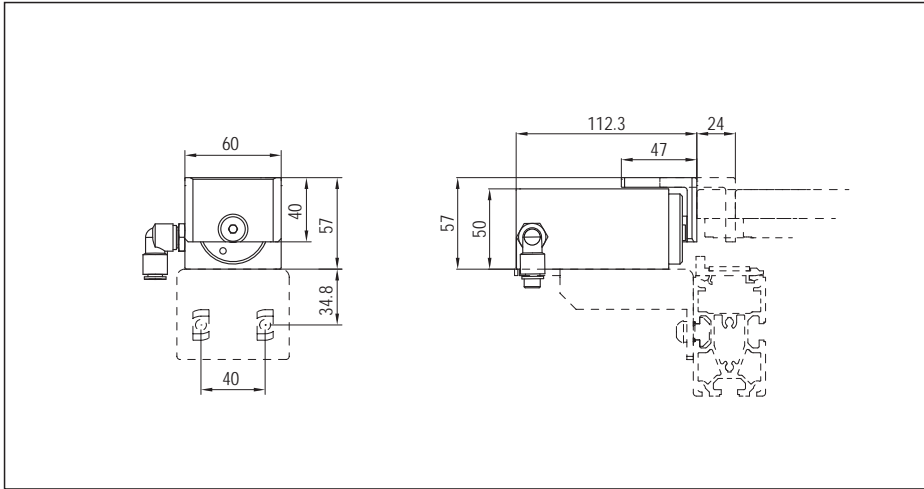
BU.PN.01/B-150 Pneumatic damper/气动缓冲器



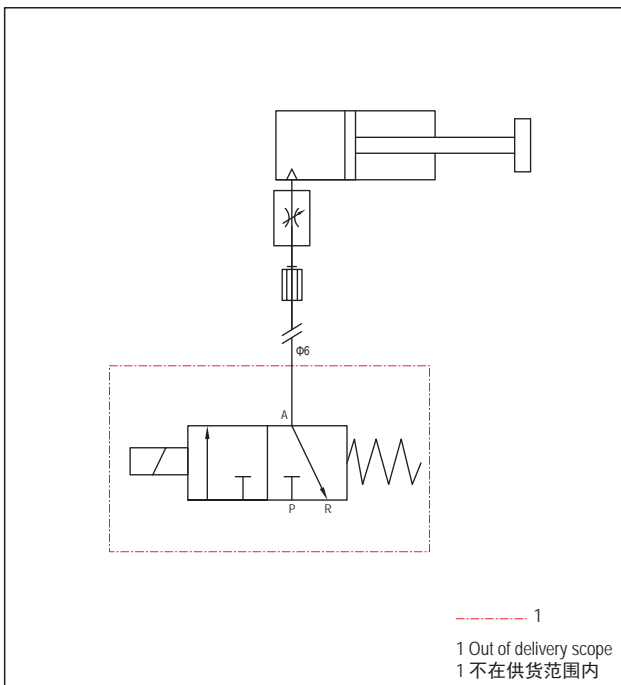
1. BU.PN.01/B-150 is mainly installed on the Lift and Transverse Unit (3 position).
2. The buffering stopper shall contact with and slide on the top surface of transverse conveyor.
1. 该型号缓冲器主要应用于三位置顶升横移设备。
2. 工作运行时，缓冲器挡板需要与横移输送机摩擦条上表面接触滑行。

Dimension
尺寸

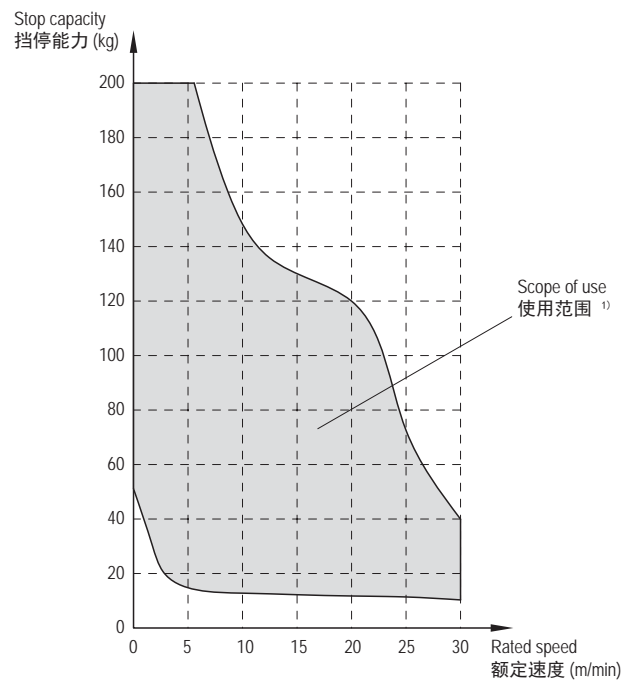
BU.PN.01/C-150 Pneumatic damper/气动缓冲器



Schematic Diagram
原理图

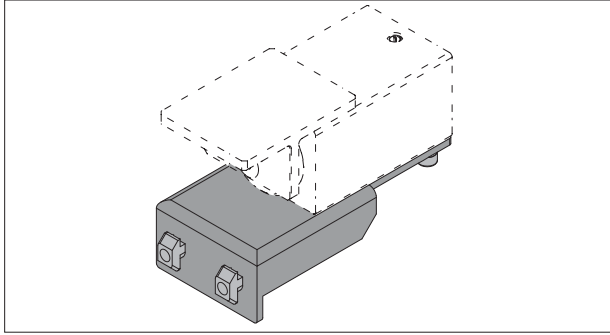


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Support
支架

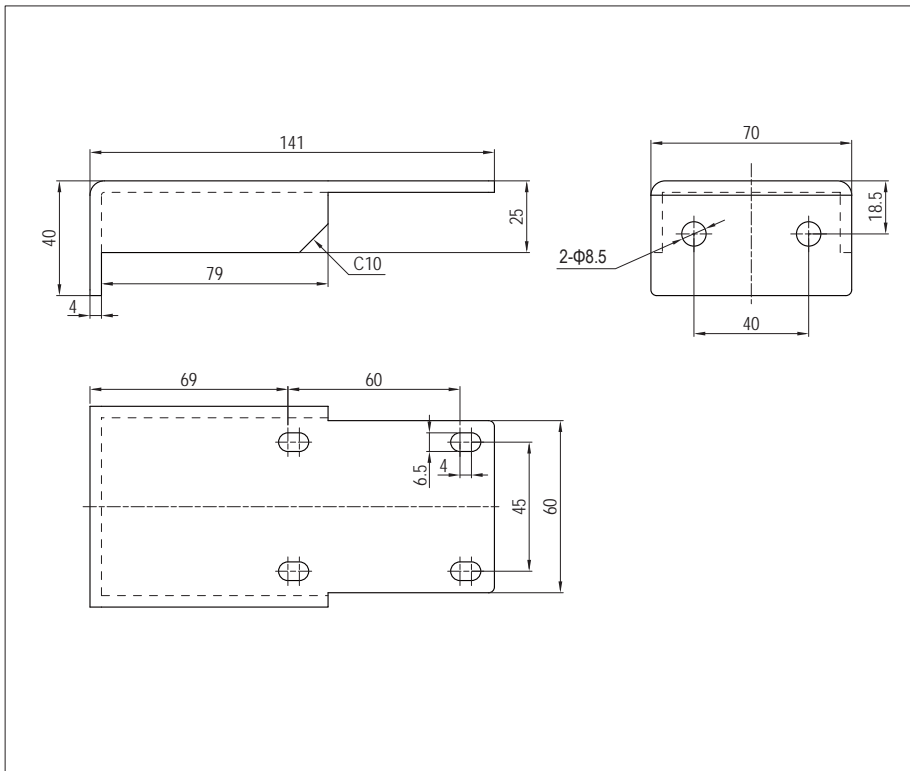


- ▶ Material: steel, black electrophoresis
材料: 钢, 黑色电泳
- ▶ Used with BU.PN.01/A-150 Pneumatic damper.
与 BU.PN.01/A-150 气动缓冲器配合使用。

Ordering reference
订购说明

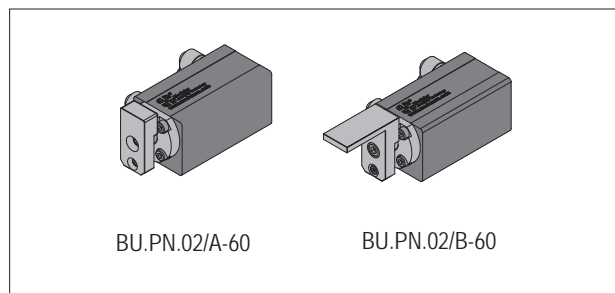
Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	50808103

Dimension
尺寸



BU.PN.02/...-60 Pneumatic Double Action Damper
BU.PN.02/...-60 气动双作用缓冲器

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



Features/Benefits 特征

1. No inverse operation allowed and to be easily and directly installed on the conveyor line or lift and transverse unit.
不允许反向操作，直接安装在输送线体或顶升横移上，安装方便简洁。
2. Operation noise less than 60 dB. Buffer stroke is 21.5 mm.
运行噪音小于 60 dB，缓冲行程为 21.5 mm。
3. To be used on PTS1, PTS2, PTS1/H conveyor or lift and transverse unit to control WP2/S, WP2/E or WP2/S.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS2和 PTS1/H托盘输送机或顶升横移使用。
4. BU.PN.02/A-60 damper cushions the impact of workpiece pallets when they are moves onto a main conveyor section. When the stop is open and the pallet move to the damper, the damper resets at the same time. When the pallet runs along the main conveyor section, the stopper withdraws and the pallet will pass.
BU.PN.02/A-60 气动双作用缓冲器在托盘移入主线体时，用于减少其冲击力。当挡停器打开，将托盘释放到缓冲器时，缓冲器同时气动复位。托盘沿主线体输送时，缓冲器挡板收回，托盘正常通过。
5. BU.PN.02/B-60 pneumatic double action damper is suitable to be used on lift and transverse unit. BU.PN.02/A-60 and BU.PN.02/B-60 damper are used when the transition between main conveyor section and branch section is required.
BU.PN.02/B-60 气动双作用缓冲器安装在顶升横移上，配合 BU.PN.02/A-60 气动双作用缓冲器在主线体与支线体往复运动时使用。
6. The adjusting screw at the back side of the damper is used to adjust the buffering force.
通过缓冲器后方的调节螺钉调节缓冲的力度。

Supply Mode 供货方式

1. Scope of delivery

供货范围

Pneumatic double action damper with different stop blocks
两种不同挡板的气动双作用缓冲器








Fittings
配件

BU.PN.02/A-60 is installed on the side of the main conveyor section with support. The support need to be ordered separately (including fasteners 2xGB+4xGU) (see PG 167).

BU.PN.02/A-60 气动缓冲器需配合支架安装于主线体外侧，请单独订购支架(含紧固件2xGB+4xGU)(详见PG 167)。

BU.PN.02/B-60 pneumatic damper is directly installed on the side plate of lift and transverse unit without support, including Fastening set (4xGU) installed on the lift and transverse unit.

BU.PN.02/B-60 气动缓冲器直接安装于顶升横移外侧板上，无需支架，包括用于顶升横移上安装的紧固件 (4xGU)。

GB	Fastening Set	GU	Fastening Set
	M6x16 Bolt zinc plated		M6x16 Bolt zinc plated
	M6 Spring Washer zinc plated		M6 Spring Washer zinc plated
	M6 Washer zinc plated		M6 Washer zinc plated
	M6 T Nut nickel plated		

2. Delivery condition

供货状态

Equipped
已装配

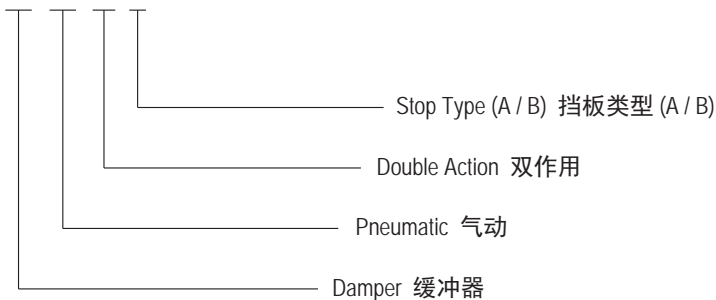


Specifications 规格配置

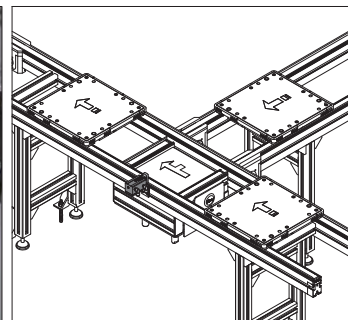
BU.PN.02/A-60 Part No./订购编号	50809101
BU.PN.02/B-60 Part No./订购编号	50809102
Pallet and workpiece max. mass 托盘和工件最大总质量 m_c (kg)	60 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	5 ¹⁾
BU.PN.02/A-60 Mass/质量 m (g)	450
BU.PN.02/B-60 Mass/质量 m (g)	470
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy(black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

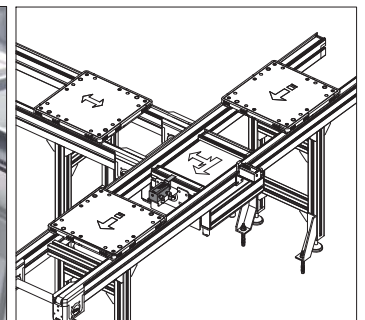
BU . PN . 02 / A - 60



Installation Position 安装位置



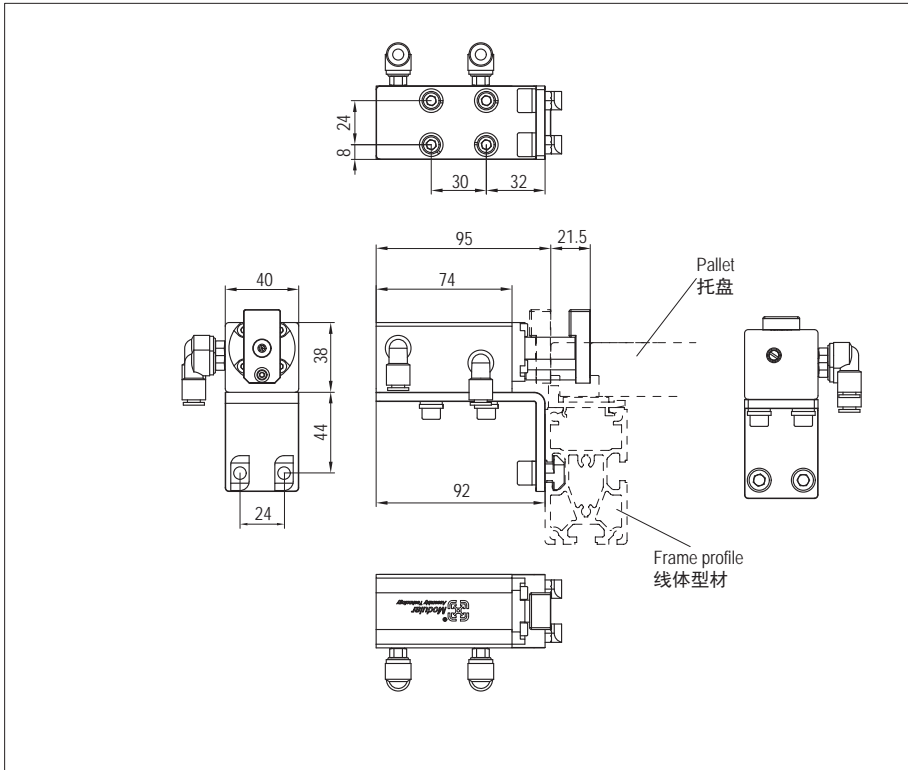
BU.PN.02/A-60 installed at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.
BU.PN.02/A-60安装于线体对接处，用于缓冲并挡停移入移出主线体的托盘



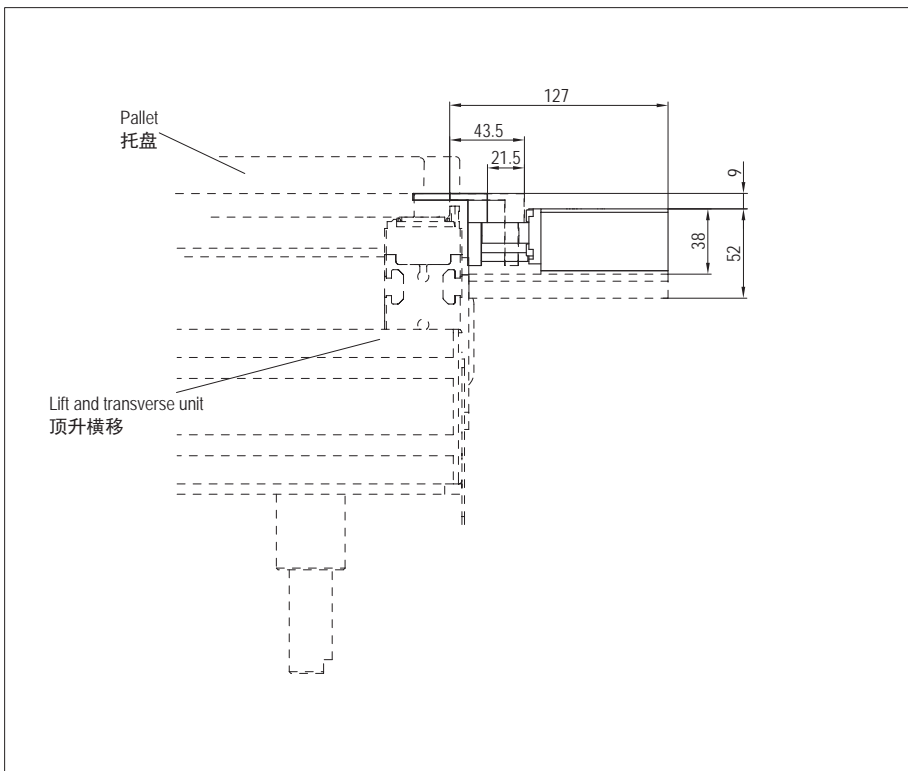
BU.PN.02/B-60 installed on the Lift and Transverse Unit(3 position)at the joint of the conveyor. It is used to buffer and stop the pallet outfeeding from the main conveyor.
BU.PN.02/B-60安装于线体对接处的3位置顶升横移上，用于缓冲并挡停移入移出主线体的托盘

Dimension
尺寸

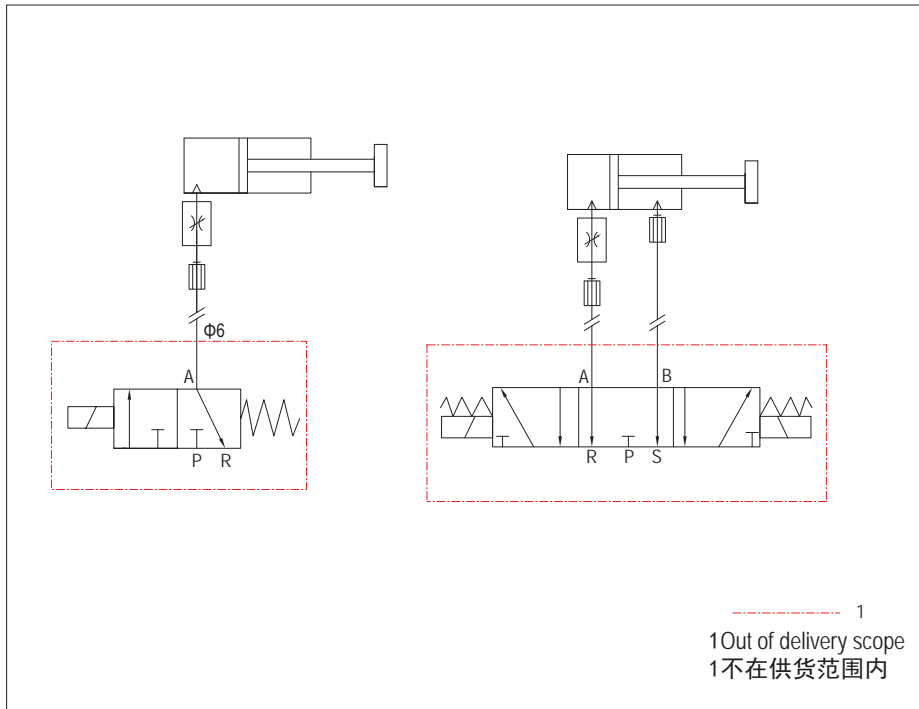
BU.PN.02/A-60 Pneumatic double action damper/气动双作用缓冲器



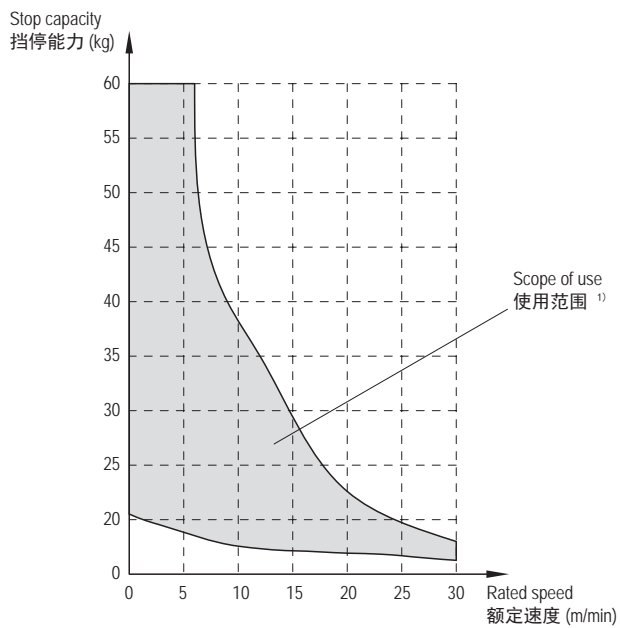
BU.PN.02/B-60 Pneumatic double action damper/气动双作用缓冲器



Schematic Diagram
原理图

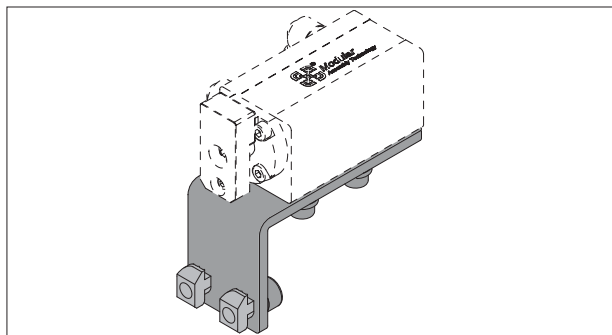


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Dimension
支架

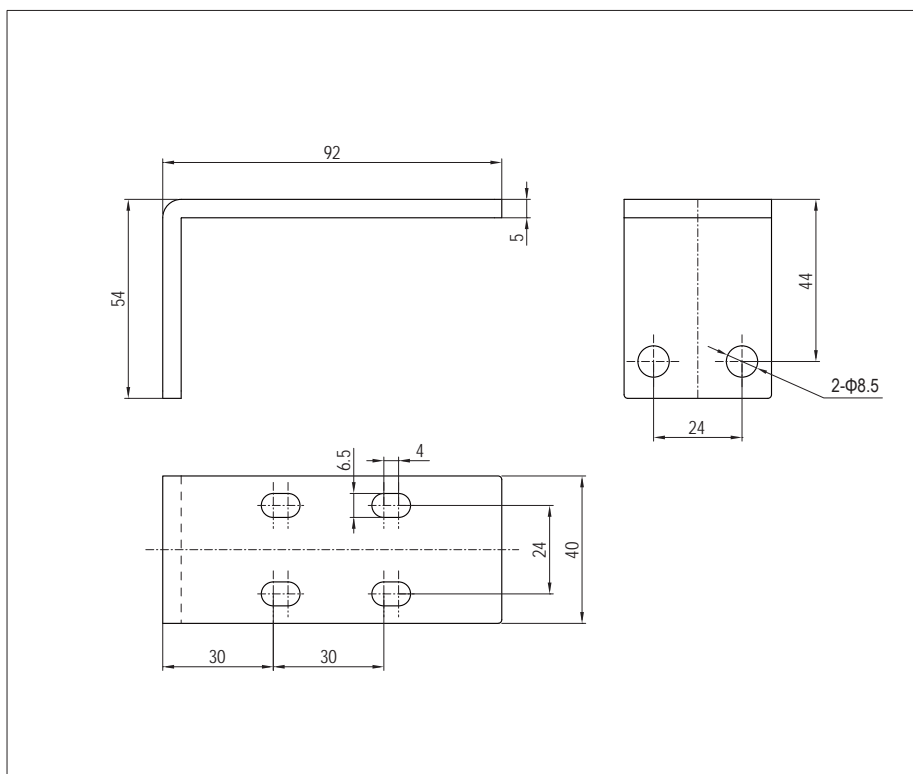


- ▶ Material: steel, black electrophoresis
材料: 钢, 黑色电泳
- ▶ Used with BU.PN.02/A-60 pneumatic double action damper
与BU.PN.02/A-60气动双作用缓冲器配合使用。


Ordering reference
订购说明

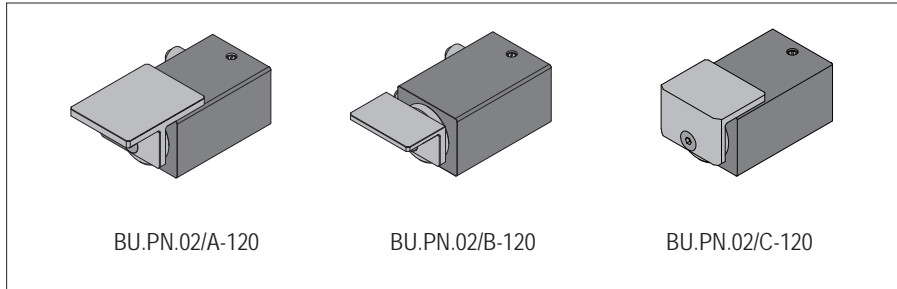
Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	50809103

Dimension
尺寸



BU.PN.02/...-120 Pneumatic Double Action Damper
BU.PN.02/...-120气动双作用缓冲器

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



Features/Benefits 特征

- 1.No inverse operation allowed and to be easily and directly installed on the conveyor line or lift and transverse unit.
不允许反向操作，直接安装在输送线体或顶升横移上，安装方便简捷。
2. Operation noise less than 60 dB. Buffer stroke is 24 mm.
运行噪音小于 60 dB，缓冲行程为 24 mm。
3. Used on PTS1, PTS1/H, PTS2, PTS4 conveyor or lift and transverse unit to control WP2/S, WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS1、PTS1/H、PTS2 和 PTS4 托盘输送机或顶升横移使用。
4. BU.PN.02/A-120 pneumatic double action damper cushions the impact of workpiece pallets when they are moved onto a main conveyor section. When the stop is open and the pallet moves to the damper, the damper resets at the same time. When the pallet runs along the main conveyor section, the stopper withdraws and the pallet will pass.
BU.PN.02/A-120 气动双作用缓冲器在托盘移入主线体时，用于减少其冲击力。当挡停器打开，将托盘释放到缓冲器时，缓冲器同时气动复位。托盘沿主线体输送时，缓冲器挡板收回，托盘正常通过。
5. BU.PN.02/B-120 pneumatic double action damper is suitable to be used on lift and transverse unit. BU.PN.02/B-120 and BU.PN.02/A/C-120 damper are used when the transition between main conveyor section and branch section is required.
BU.PN.02/B-120 气动双作用缓冲器安装在顶升横移上，配合 BU.PN.02/A/C-120 气动双作用缓冲器在主线体与支线体往复运动时使用。
6. The adjusting screw at the back side of the damper is used to adjust the buffering force.
通过缓冲器后方的调节螺钉调节缓冲的力度。

Supply Mode 供货方式

1. Scope of delivery

供货范围

Pneumatic double action damper with different stop blocks
两种不同挡板的气动双作用缓冲器

Fittings

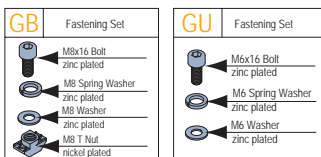
配件

BU.PN.02/A-120 is installed at the end of the main conveyor section with support. The support need to be ordered separately. (including fasteners 2xGB+4xGU) (see PG 172).

BU.PN.02/A-120 气动缓冲器需配合支架安装于主线体外侧，请单独订购支架(含紧固件 2xGB+4xGU)(详见PG 172)。

BU.PN.02/B-120 pneumatic damper is directly installed on the side plate of lift and transverse unit without support, Including fastening set (4xGU) installed on the lift and transverse unit.

BU.PN.02/B-120 气动缓冲器直接安装于顶升横移外侧板上，无需支架，包括用于顶升横移上安装的紧固件 (4xGU)。



2. Delivery condition

供货状态

Equipped

已装配

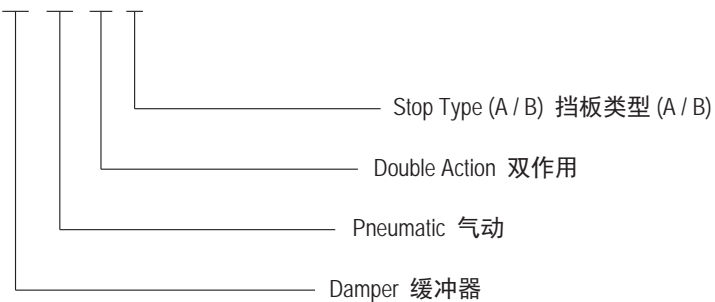
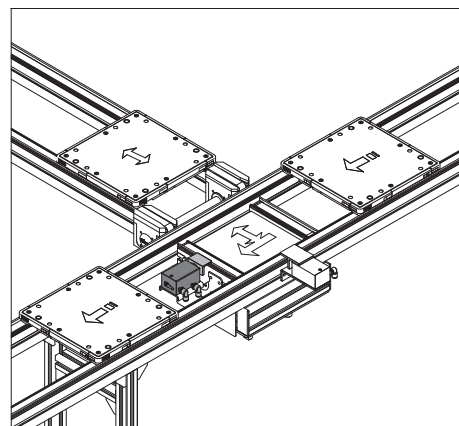
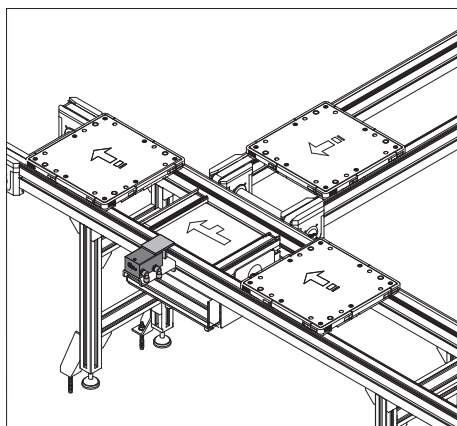


Specifications 规格配置

BU.PN.02/A-120 Part No./订购编号	50808101
BU.PN.02/B-120 Part No./订购编号	50808102
BU.PN.02/C-120 Part No./订购编号	50808104
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	120 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	10 ¹⁾
BU.PN.02/A-120 Mass/质量 m (g)	1810
BU.PN.02/B-120 Mass/质量 m (g)	1830
BU.PN.02/C-120 Mass/质量 m (g)	1733
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

BU . PN . 02 / A - 120


Installation Position 安装位置


BU.PN.02/A/C-120 installed at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.

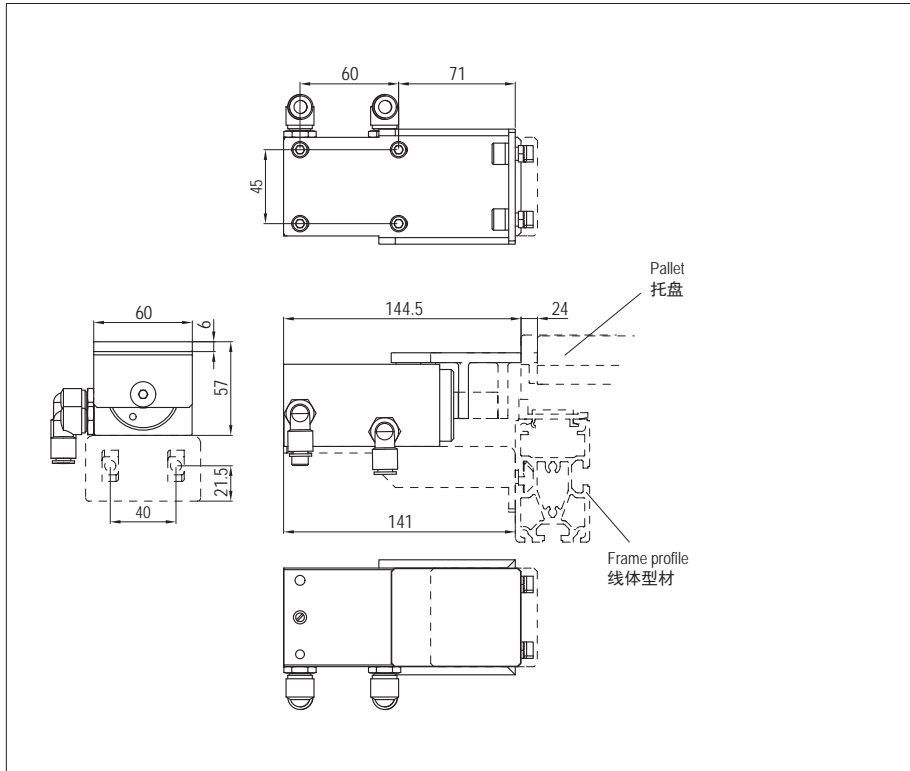
BU.PN.02/A/C-120安装于线体对接处，用于缓冲并挡停移入移出主线体的托盘。

BU.PN.02/B-120 installed on the Lift and Transverse Unit(3 position) at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.

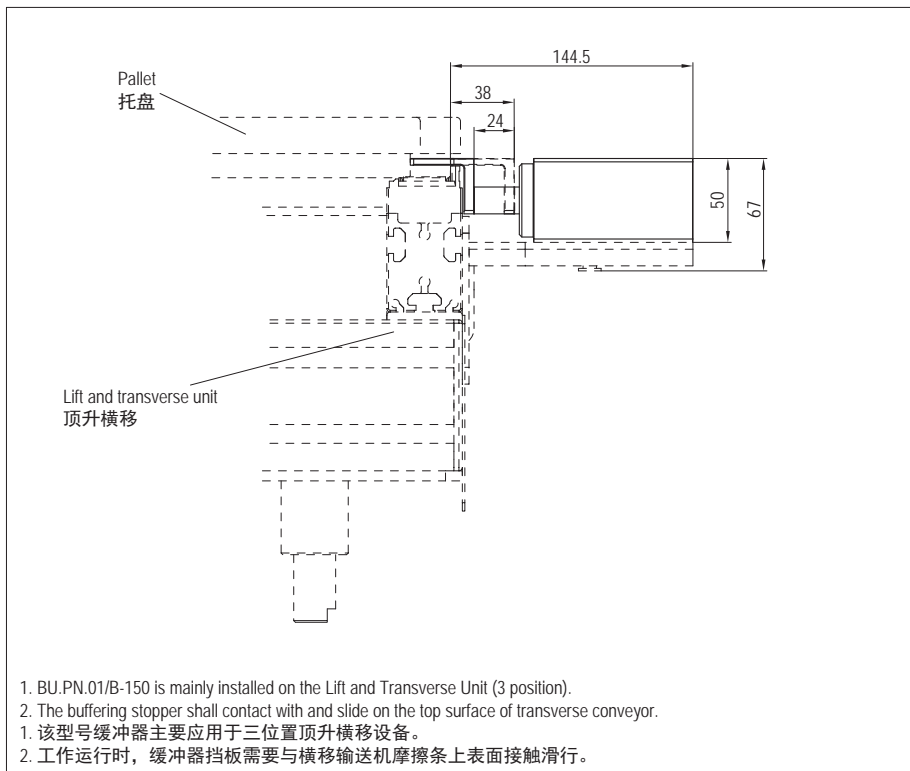
BU.PN.02/B-120安装于线体对接处的3位置顶升横移上，用于缓冲并挡停移入移出主线体的托盘。

Dimension
尺寸

BU.PN.02/A-120 Pneumatic double action damper/气动双作用缓冲器

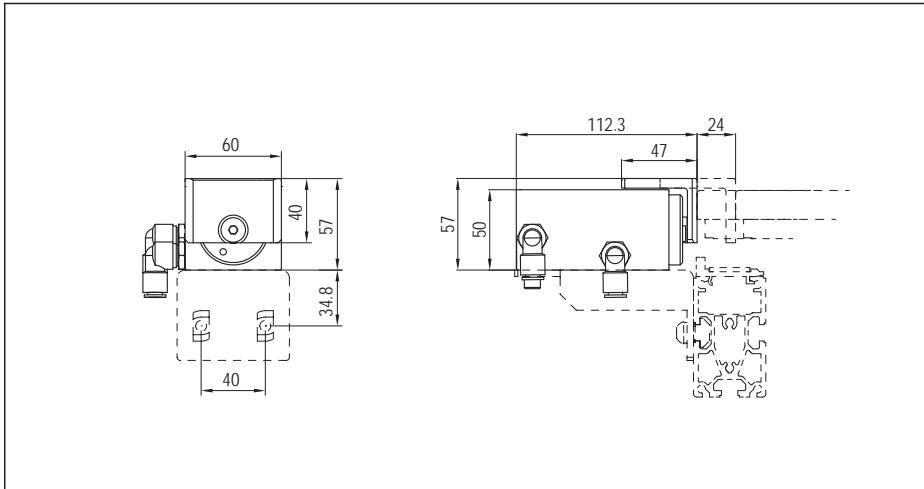


BU.PN.02/B-120 Pneumatic double action damper/气动双作用缓冲器

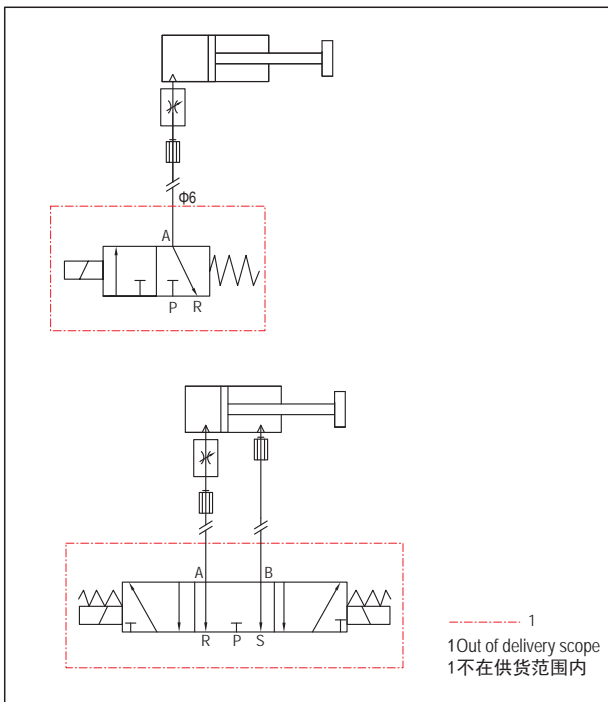


Dimension
尺寸

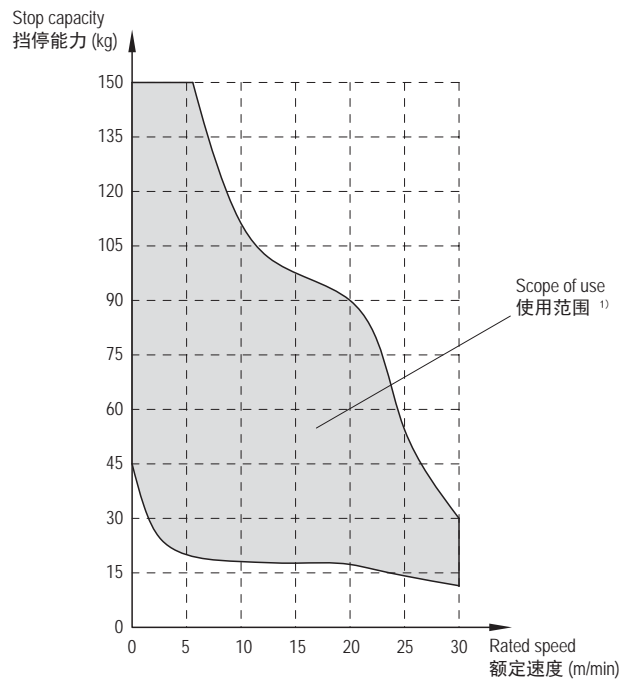
BU.PN.02/C-120 Pneumatic double action damper/气动双作用缓冲器



Schematic Diagram
原理图



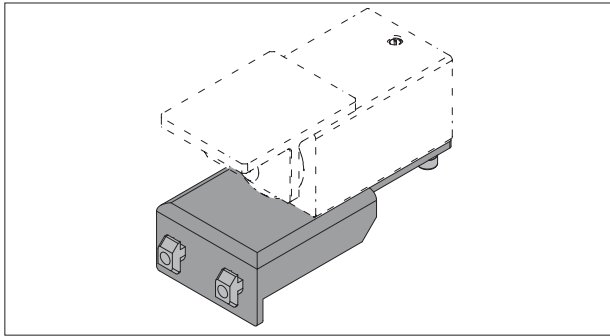
Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。



Support
支架

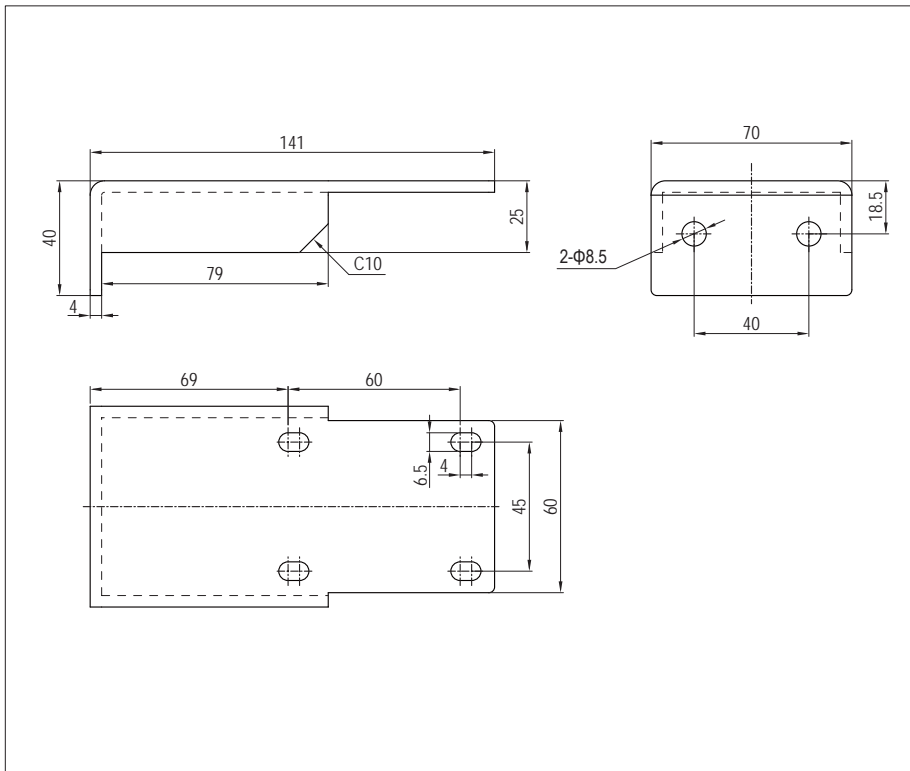


- ▶ Material: steel, black electrophoresis
材料: 钢, 黑色电泳
- ▶ Used with BU.PN.02/A-120 Pneumatic double action damper.
与 BU.PN.02/A-120 气动双作用缓冲器配合使用。



Ordering reference
订购说明

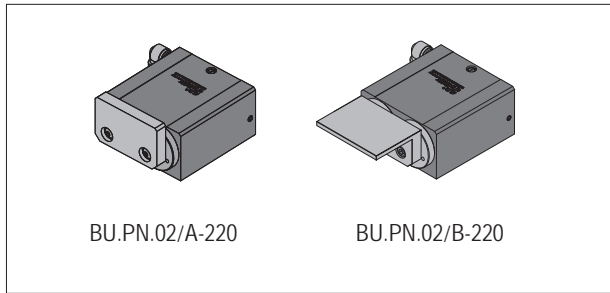
Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	50808103

Dimension
尺寸



BU.PN.02/...-220 Pneumatic Double Action Damper
BU.PN.02/...-220 气动双作用缓冲器

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



Features/Benefits 特征

1. No inverse operation allowed and to be easily and directly installed on the conveyor line or lift and transverse unit.
不允许反向操作，直接安装在输送线体或顶升横移上，安装方便简捷。
2. Operation noise less than 60dB. Buffer stroke is 29 mm.
运行噪音小于 60 dB，缓冲行程为 29 mm。
3. Used on PTS2, PTS4 conveyor or lift and transverse unit to control WP2/S, WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS2、PTS4 托盘输送机或顶升横移使用。
4. BU.PN.02/A-220 pneumatic double action damper cushions the impact of workpiece pallets when they are moved onto a main conveyor section. When the stop is open and the pallet moves to the damper, the damper resets at the same time. When the pallet runs along the main conveyor section, the stopper withdraws and the pallet will pass.
BU.PN.02/A-220 气动双作用缓冲器在托盘移入主线体时，用于减少其冲击力。当挡停器打开，将托盘释放到缓冲器时，缓冲器同时气动复位。托盘沿主线体输送时，缓冲器挡板收回，托盘正常通过。
5. BU.PN.02/B-220 pneumatic double action damper is suitable to be used on lift and transverse unit. BU.PN.02/B-220 and BU.PN.02/A-220 damper are used when the transition between main conveyor section and branch section is required.
BU.PN.02/B-220 气动双作用缓冲器安装在顶升横移上，配合 BU.PN.02/A-220 气动双作用缓冲器在主线体与支线体往复运动时使用。
6. The adjusting screw at the back side of the damper is used to adjust the buffering force.
通过缓冲器后方的调节螺钉调节缓冲的力度。

Supply Mode 供货方式

1. Scope of delivery

供货范围

Pneumatic double action damper with different stop blocks
两种不同挡板的气动双作用缓冲器

Fittings








配件

BU.PN.02/A-220 is installed at the end of the main conveyor section with support. The support need to be ordered separately (including fasteners 2xGB+4xGU) (see PG 177).

BU.PN.02/A-220 气动缓冲器需配合支架安装于主线体外侧，请单独订购支架 (含紧固件 2xGB+4xGU) (详见 PG 177)。

BU.PN.02/B-220 pneumatic damper is directly installed on the side plate of lift and transverse unit without support, Including fastening set (4xGU) installed on the lift and transverse unit.

BU.PN.02/B-220 气动缓冲器直接安装于顶升横移外侧板上，无需支架，包括用于顶升横移上安装的紧固件 (4xGU)。

GB	Fastening Set	GU	Fastening Set
	M6x16 Bolt zinc plated		M6x16 Bolt zinc plated
	M6 Spring Washer zinc plated		M6 Spring Washer zinc plated
	M6 Washer zinc plated		M6 Washer zinc plated
	M6 T Nut nickel plated		

2. Supply mode

供货状态

Equipped

已装配

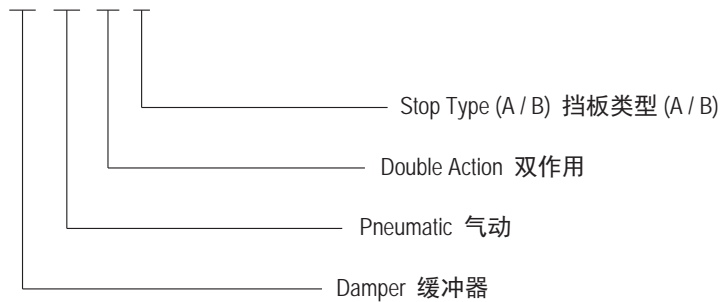
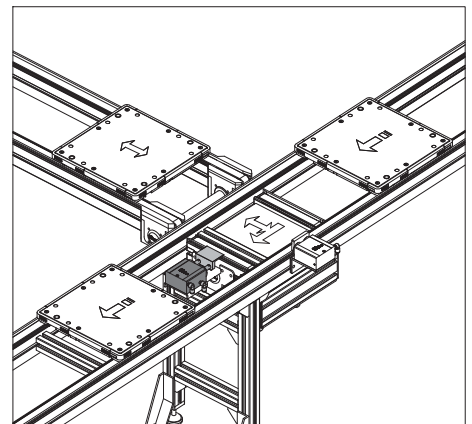
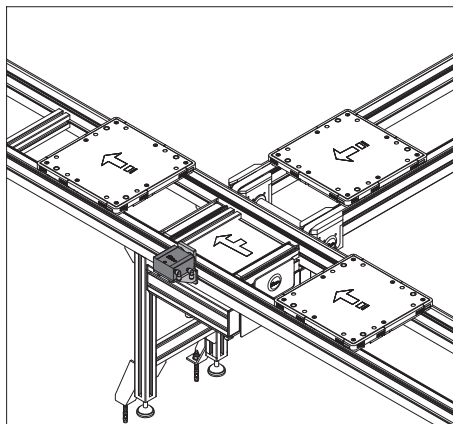


Specifications 规格配置

BU.PN.02/A-220 Part No./订购编号	50807101
BU.PN.02/B-220 Part No./订购编号	50807102
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	220 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	25 ¹⁾
BU.PN.02/A-220 Mass/质量 m (g)	1030
BU.PN.02/B-220 Mass/质量 m (g)	1060
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy (black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

BU . PN . 02 / A - 220


Installation Position 安装位置


BU.PN.02/A-220 installed at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.

BU.PN.02/A-220安装于线体对接处，用于缓冲并挡停移入移出主线体的托盘

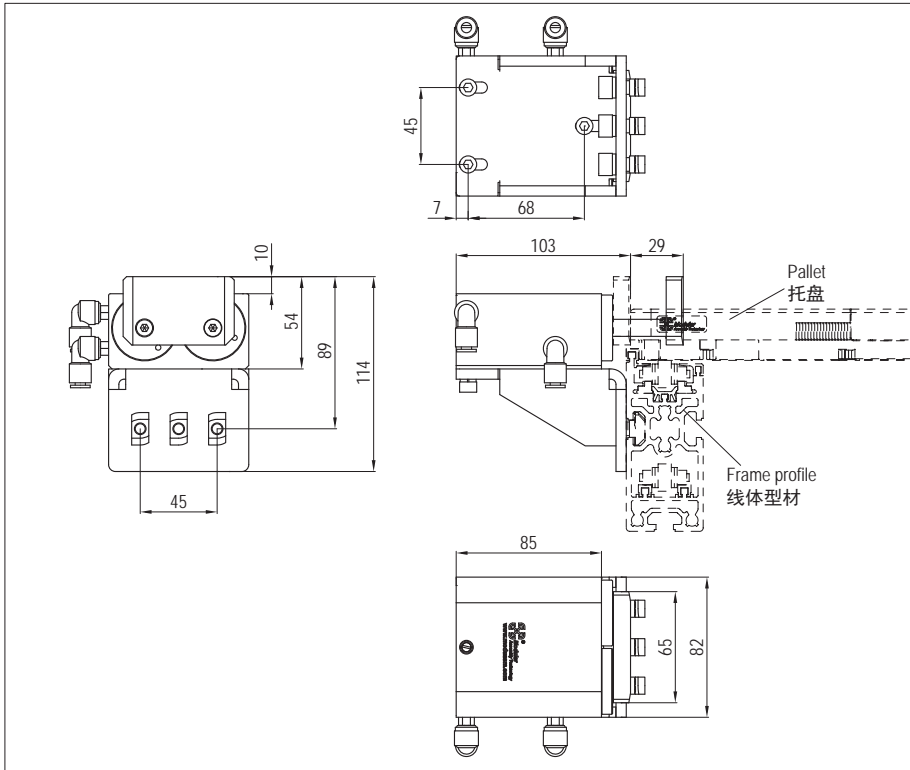
BU.PN.02/B-220 installed on the Lift and Transverse Unit(3 position) at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.

BU.PN.02/B-220安装于线体对接处的3位置顶升横移上，用于缓冲并挡停移入移出主线体的托盘

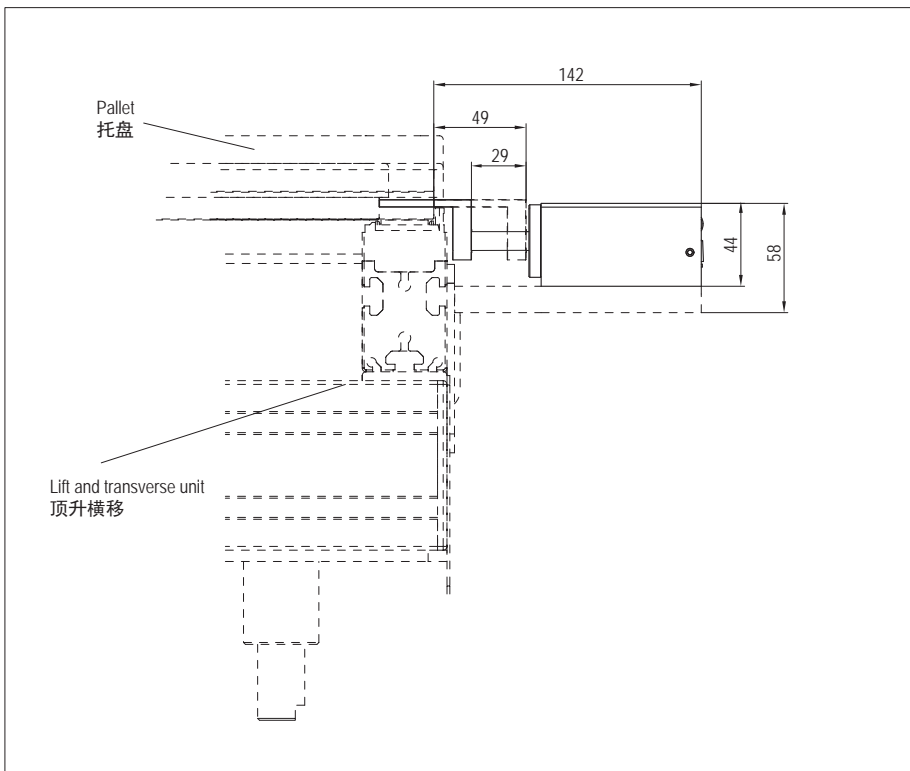


Dimension
尺寸

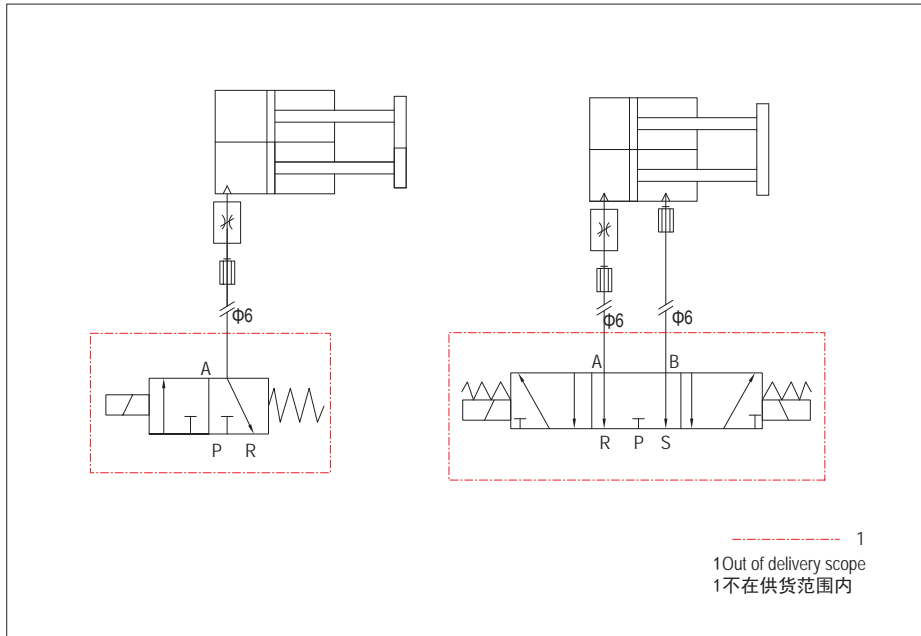
BU.PN.02/A-220 Pneumatic double action damper/气动双作用缓冲器



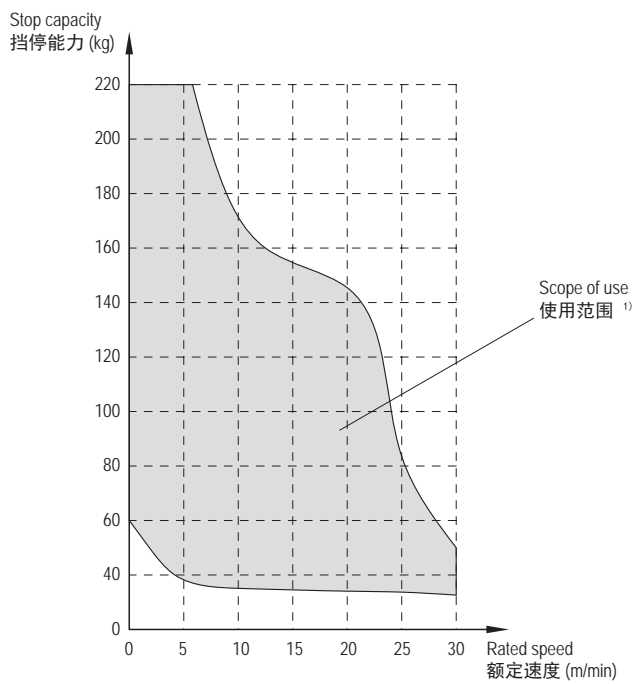
BU.PN.02/B-220 Pneumatic double action damper/气动双作用缓冲器



Schematic Diagram
原理图

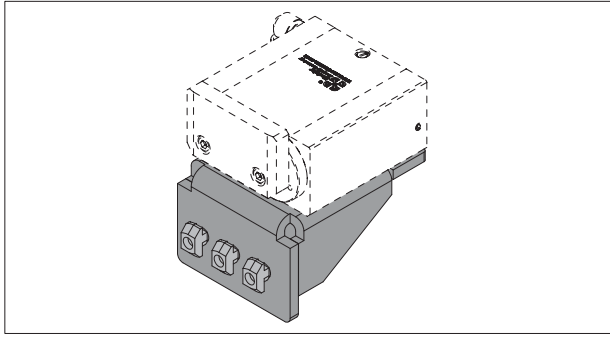


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Support
支架

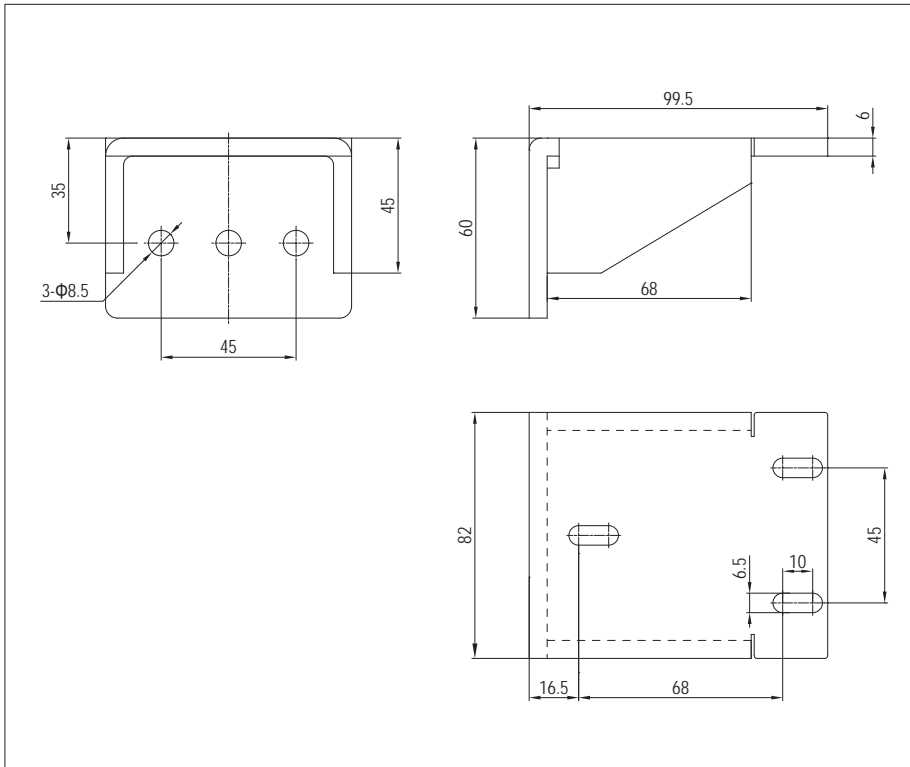


- ▶ Material: steel, black electrophoresis
材料: 钢, 黑色电泳
- ▶ Used with BU.PN.02/A-220 pneumatic double action damper
与BU.PN.02/A-220气动缓冲器配合使用。



Ordering reference
订购说明

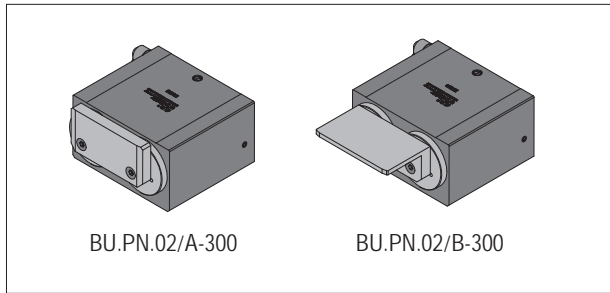
Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	50807120

Dimension
尺寸



BU.PN.02/...-300 Pneumatic Double Action Damper
BU.PN.02/...-300气动双作用缓冲器

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



Features/Benefits 特征

1. No inverse operation allowed and to be easily and directly installed on the conveyor line or lift and transverse unit.
不允许反向操作，直接安装在输送线体或顶升横移上，安装方便简捷。
2. Operation noise less than 60 dB. Buffer stroke is 24 mm.
运行噪音小于 60 dB，缓冲行程为 24 mm。
3. Used on PTS2, PTS4 conveyor or lift and transverse unit to control WP2/S, WP2/E or WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合，配合 PTS2、PTS4 托盘输送机或顶升横移使用。
4. BU.PN.02/A-300 pneumatic double action damper cushions the impact of workpiece pallets when they are moved onto a main conveyor section. When the stop is open and the pallet moves to the damper, the damper resets at the same time. When the pallet runs along the main conveyor section, the stopper withdraws and the pallet will pass.
BU.PN.02/A-300 气动双作用缓冲器在托盘移入主线体时，用于减少其冲击力。当挡停器打开，将托盘释放到缓冲器时，缓冲器同时气动复位。托盘沿主线体输送时，缓冲器挡板收回，托盘正常通过。
5. BU.PN.02/B-300 pneumatic double action damper is suitable to be used on lift and transverse unit. It is used when the transition between main conveyor section and branch section is required.
BU.PN.02/B-300 气动双作用缓冲器安装在顶升横移上，用于实现托盘在主线体与分线体间的往复输送。
6. The adjusting screw at the back side of the damper is used to adjust the buffering force.
通过缓冲器后方的调节螺钉调节缓冲的力度。

Supply Mode 供货方式

1. Scope of delivery

供货范围

Pneumatic double action damper with different stop blocks
两种不同挡板的气动双作用缓冲器

Fittings







配件

BU.PN.02/A-300 is installed at the end of the main conveyor section with support. The support need to be ordered separately (including fasteners 6xHT+3xEX) (see PG 182).

BU.PN.02/A-300 气动缓冲器需配合支架安装于主线体外侧，请单独订购支架 (含紧固件 6xHT+3xEX) (详见PG 182)。

BU.PN.02/B-300 pneumatic damper is directly installed on the side plate of lift and transverse unit without support, Including fastening set (3xEX) installed on the lift and transverse unit.

BU.PN.02/B-300 气动缓冲器直接安装于顶升横移外侧板上，无需支架，包括用于顶升横移上安装的紧固件 (3xEX)。

HT	Fastening Set	EX	Fastening Set
	M8x16 Bolt zinc plated		M10x20 Bolt zinc plated
	M8 Spring Washer zinc plated		M10 Spring Washer zinc plated
	M8 T Nut nickel plated		M10 Washer zinc plated

2. Supply mode

供货状态

Equipped

已装配

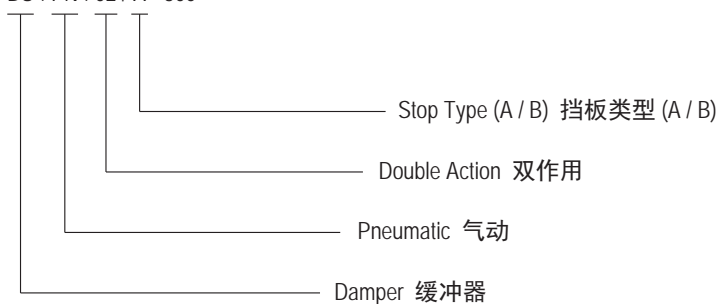
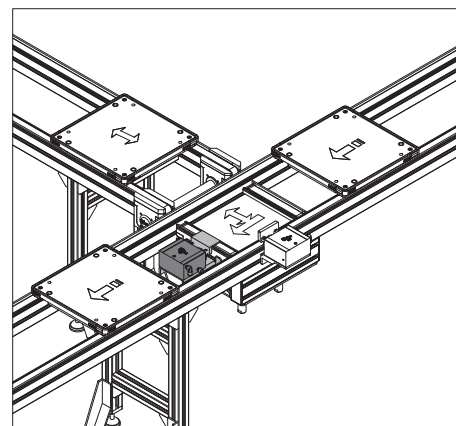
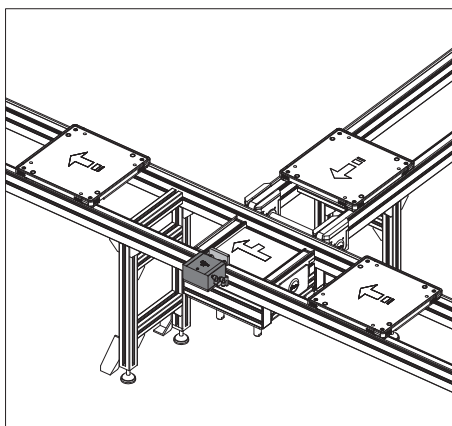


Specifications 规格配置

BU.PN.02/A-300 Part No./订购编号	50812101
BU.PN.02/B-300 Part No./订购编号	50812102
Pallet and workpiece max. mass 托盘和工件最大总质量 m_G (kg)	300 ¹⁾
Pallet and workpiece min. mass 托盘和工件最小质量 m (kg)	20 ¹⁾
BU.PN.02/A-300 Mass/质量 m (g)	2400
BU.PN.02/B-300 Mass/质量 m (g)	2460
ESD 防静电	Yes 是
Material 材料说明	Case: aluminum alloy(black) 主壳体: 铝合金(黑色) Stop block: SUS304 挡板: SUS304
Working temperature 工作温度 (°C)	0...60
Quick connector 快速接头 $\Phi 6$	Hose, outer diameter $\Phi 6$ 外径为 $\Phi 6$ 的通气软管
Pressure range 压力范围 (Mpa)	0.4 ~ 0.8 clean compressed air 0.4 ~ 0.8 的净化压缩空气

Ordering Reference 型号说明

BU . PN . 02 / A - 300


Installation Position 安装位置


BU.PN.02/A-300 installed at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.

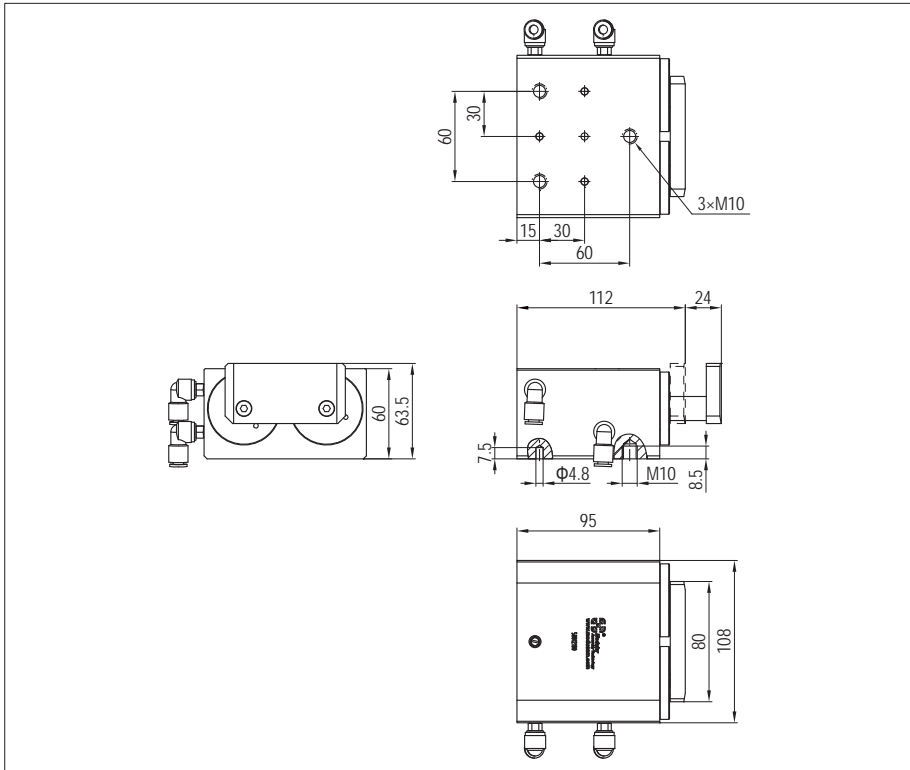
BU.PN.02/A-300安装于线体对接处，用于缓冲并挡停移入移出主线体的托盘

BU.PN.02/B-300 installed on the Lift and Transverse Unit(3 position) at the joint of the conveyor. It is used to buffer and stop the pallet infeeding or outfeeding from the main conveyor.

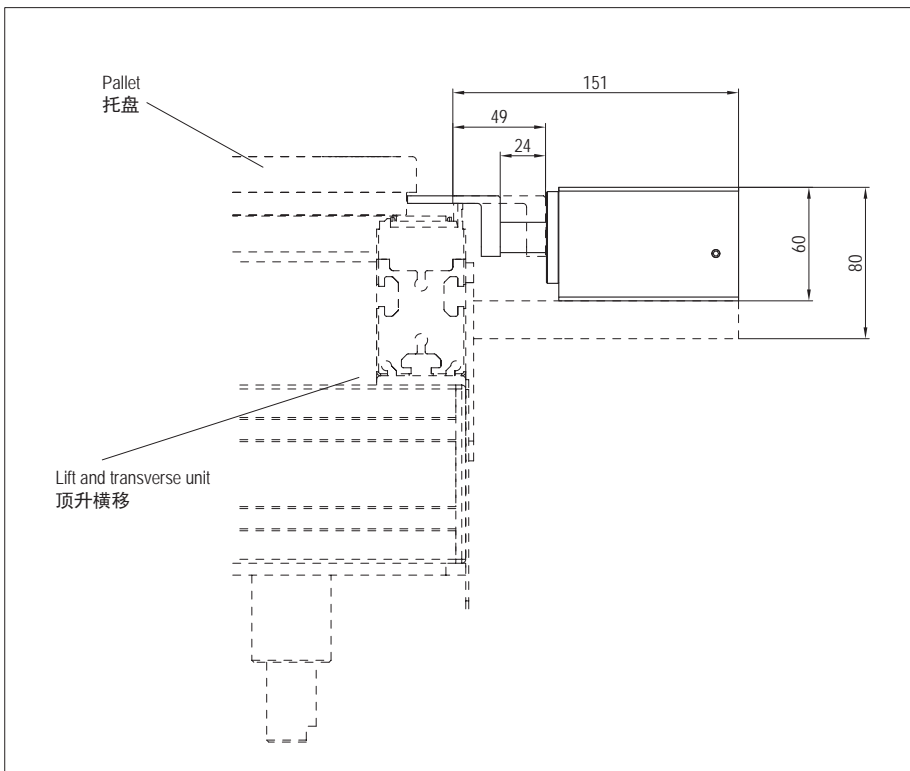
BU.PN.02/B-300安装于线体对接处的3位置顶升横移上，用于缓冲并挡停移入移出主线体的托盘

Dimension
尺寸

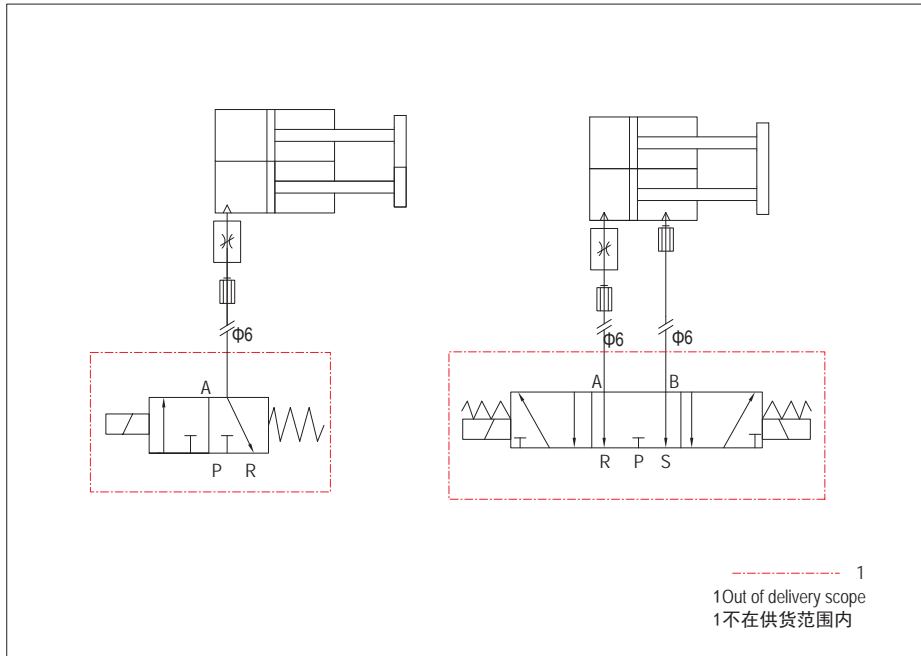
BU.PN.02/A-300 Pneumatic double action damper/气动双作用缓冲器



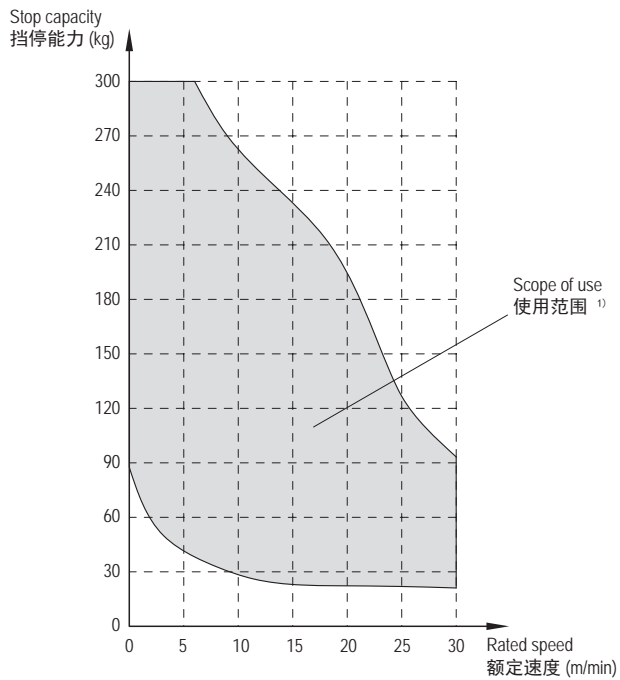
BU.PN.02/B-300 Pneumatic double action damper/气动双作用缓冲器



Schematic Diagram
原理图

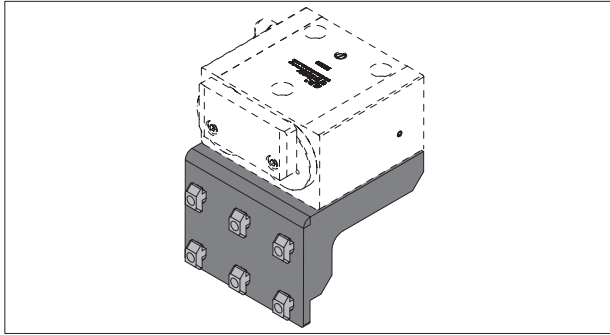


Stop Capacity Diagram
挡停能力图



¹⁾ The information applies to friction of $\mu=0.05$ between the pallet bottom and conveyor medium, with modular standard pallet and stop plate.
¹⁾ 此数据是在挡停器配美德乐标准挡板、使用美德乐标准托盘且托盘底面与输送面间的摩擦系数 $\mu=0.05$ 的工况下测得。

Support
支架

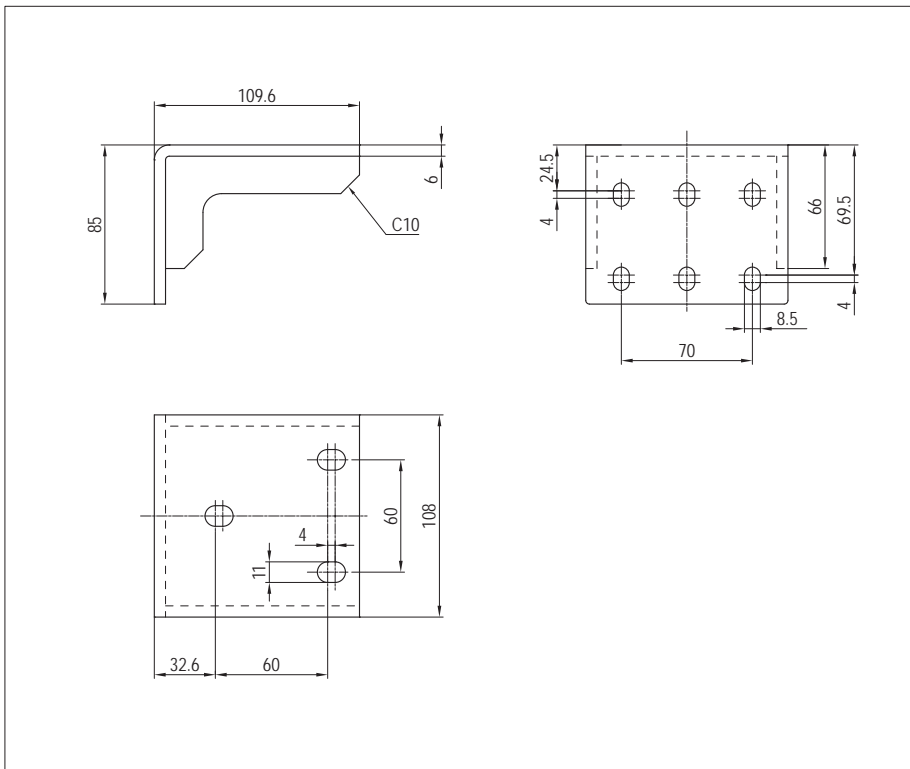


- ▶ Material: steel, black electrophoresis
材料: 钢, 黑色电泳
- ▶ Used with BU.PN.02/A-300 pneumatic double action damper.
与BU.PN.02/A-300气动缓冲器配合使用。


Ordering reference
订购说明

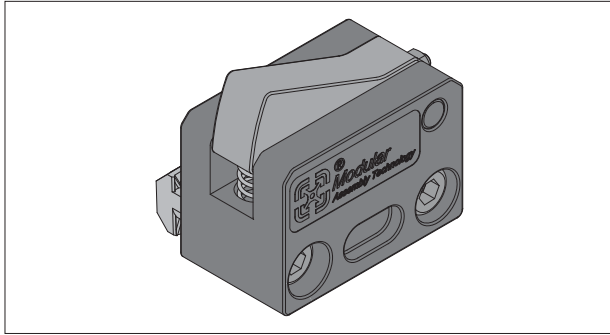
Product description 产品名称	Delivery unit 供货单位	Part No. 订购编号
Support 支架	1	50812103

Dimension
尺寸



RS.01/A-300 Return Stop
 RS.01/A-300止回器

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






Features/Benefits 特征

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

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all fastening sets required to install on the conveyor body (2xEZ+1xGM)
 包括所有用于输送线体上安装的紧固件 (2xEZ+1xGM)

EZ	Fastening Set	GM	Fastening Set
	M8x35 Bolt zinc plated		Positioning part
	M8 Spring Washer zinc plated		
	M8 T Nut nickel plated		

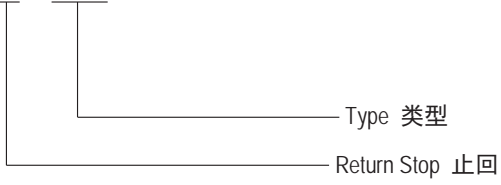
Specifications 规格配置

Part No. 订购编号	50803110
Pallet and workpiece mass 托盘和工件总质量 M_c (kg)	3...300
Mass 质量 m (g)	640
ESD 防静电	Yes 是
Material 材料说明	Case: nickel plated carbon steel 主壳体：碳钢镀镍 Stop block: nickel plated carbon steel 止回挡块：碳钢镀镍
Working temperature 工作温度 (°C)	0...60

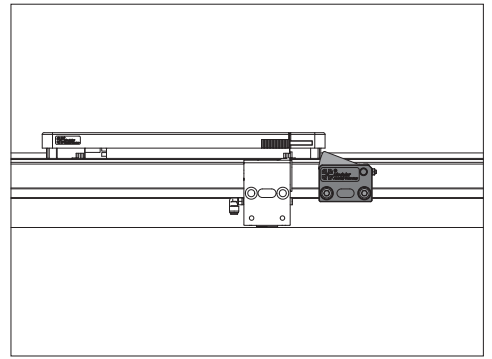
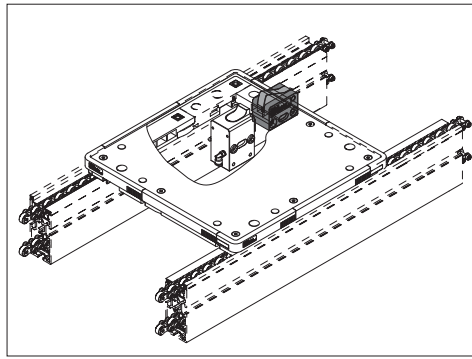


Ordering Reference 型号说明

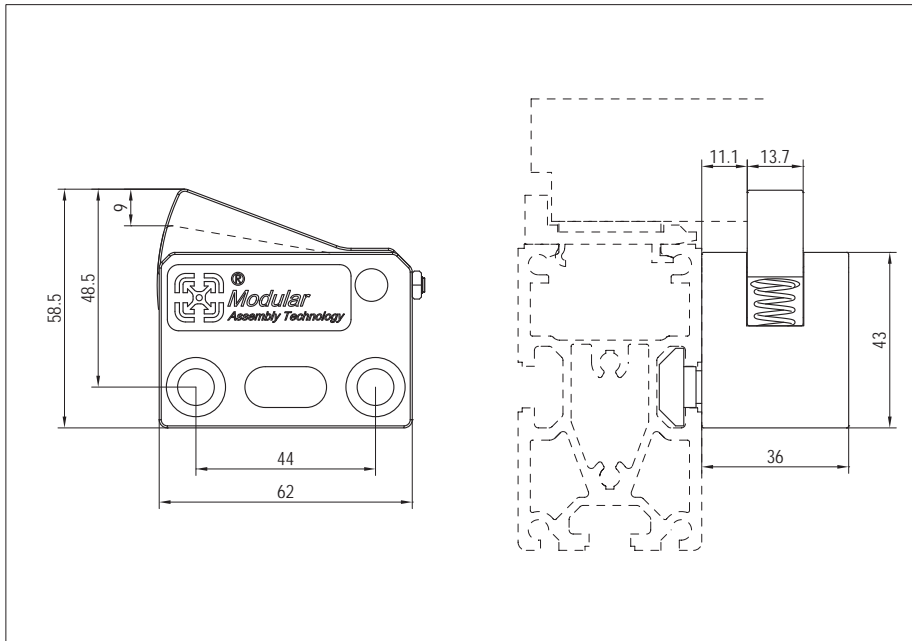
RS .01/ A - 300





Installation Position 安装位置

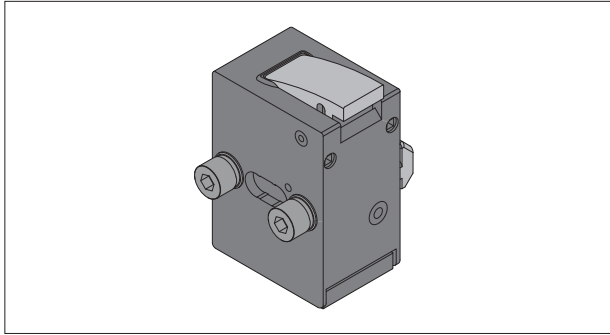


Dimension
尺寸



RS.02/A-200 Return Stop
 RS.02/A-200 止回器

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






Features/Benefits 特征

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

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all fastening sets required to install on the conveyor body (2xLF+1xGM)
包括所有用于输送线体上安装的紧固件 (2xLF+1xGM)

LF	Fastening Set	GM	Fastening Set
	MBx50 Bolt zinc plated		Positioning part
	D8 Locking Washer 304		
	M8 T Nut nickel plated		

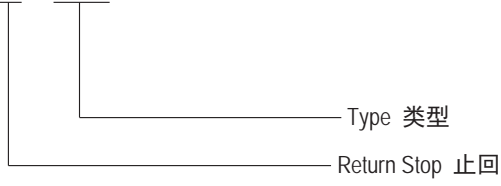
Specifications 规格配置

Part No. 订购编号	50814100
Pallet and workpiece mass 托盘和工件总质量 M_c (kg)	3...200
Mass 质量 m (g)	28
ESD 防静电	No 否
Material 材料说明	Case: PA6 (black) 主壳体: PA6 (黑色) Stop block: PA6 (black) 止回挡块: PA6 (黑色)
Working temperature 工作温度 (°C)	0...60

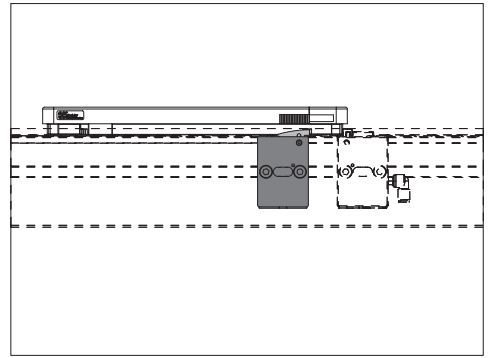
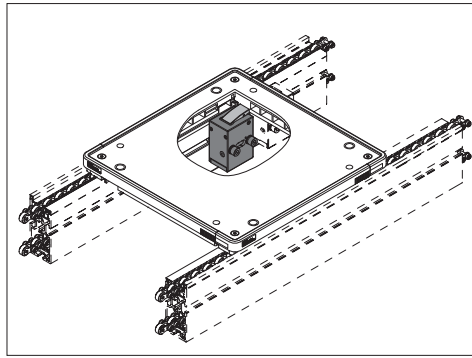


Ordering Reference 型号说明

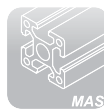
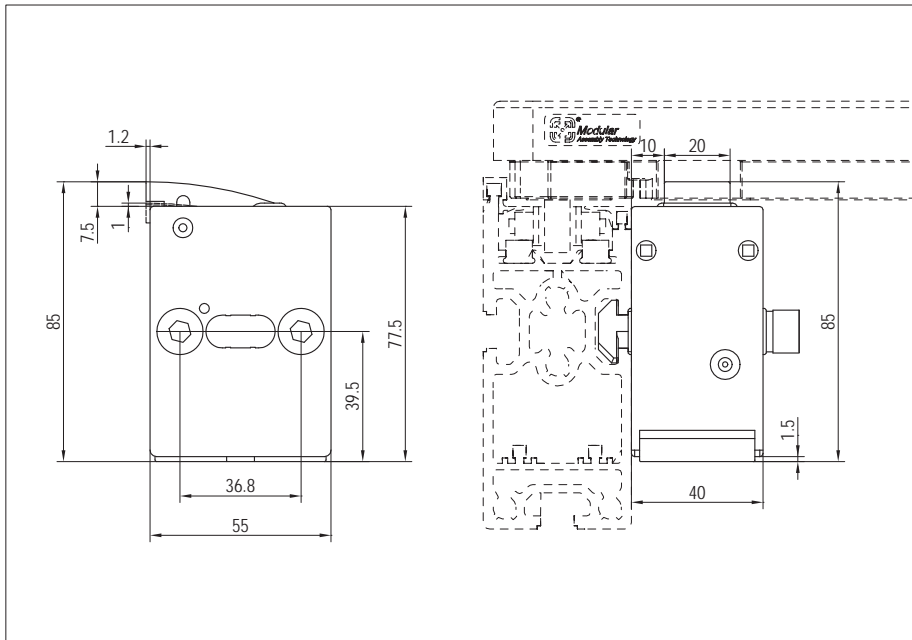
RS .02/ A - 200



Installation Position 安装位置

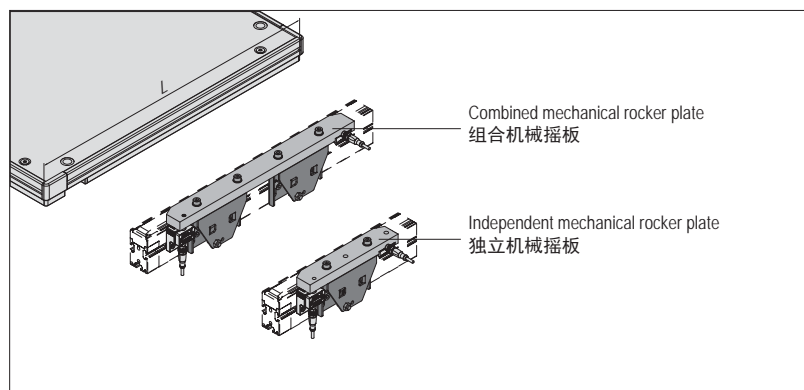


Dimension
尺寸



Mechanical Rocker Plate
 机械摇板

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


 Combined mechanical rocker plate for $L \geq 480$ mm.

 当 $L \geq 480$ mm 时, 使用组合机械摇板

 Independent mechanical rocker plate for $L < 480$ mm.

 当 $L < 480$ mm 时, 使用独立机械摇板




Features/Benefits 特征

1. It is used to detect the pallet in the area and stop the pallet conveying in transversal direction.
可在区域内检测工件托盘, 同时可挡停横向输送的工件托盘。
2. When it is used with damping stop, it will damp and stop the pallet conveying in transversal direction.
与缓冲挡停器组合使用时, 可实现横向输送工件托盘的缓冲挡停功能。
3. To be used on PTS1, PTS1/H, PTS2 pallet conveyor to stop WP2/S, WP2/E, WP2/C pallet.
可与 WP2/S、WP2/E、WP2/C 托盘组合, 配合 PTS1、PTS1/H、PTS2 托盘输送机使用。

Supply Mode 供货方式

1. Scope of delivery
供货范围

 Including all fastening sets to mount on pallet conveyor
 包括所有用于托盘输送线体上安装的紧固件

HT	Fastening Set
	MBx16 Bolt zinc plated
	M8 Spring Washer zinc plated
	M8 T Nut nickel plated

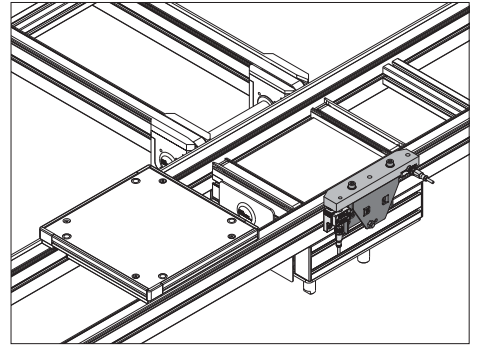
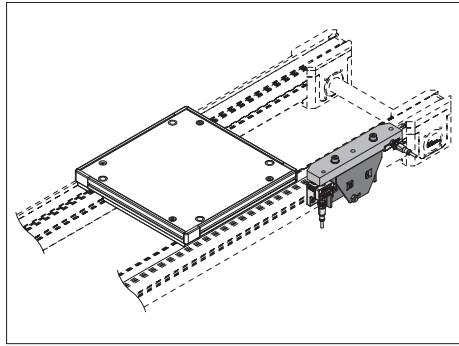
2. Supply mode
供货状态
Equipped
已装配

Specifications 规格配置

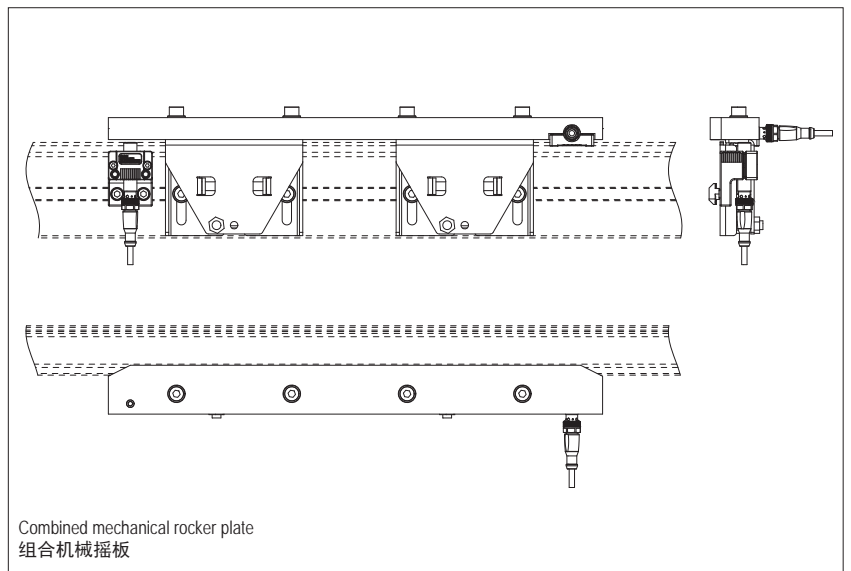
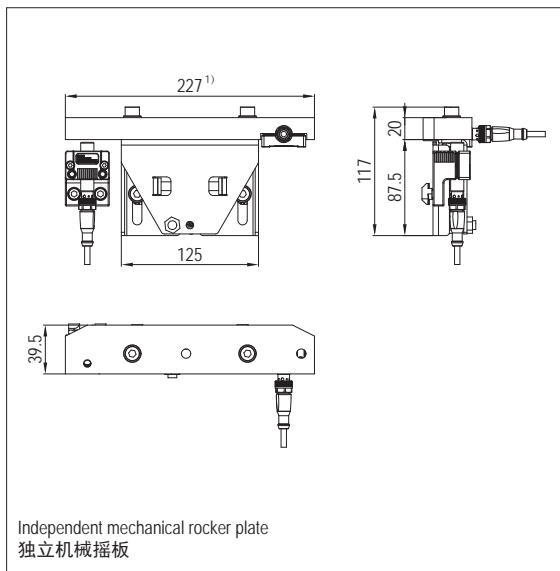
Part No. for independent mechanical rocker plate 独立机械摇板订购编号	50810100
Part No. for combined mechanical rocker plate 组合机械摇板订购编号	50810200
Pallet max.mass for independent mechanical rocker plate 独立机械摇板托盘最大总质量 M_G (kg)	30
Pallet min.mass for independent mechanical rocker plate 独立机械摇板托盘最小质量 m (kg)	2



Installation Position 安装位置

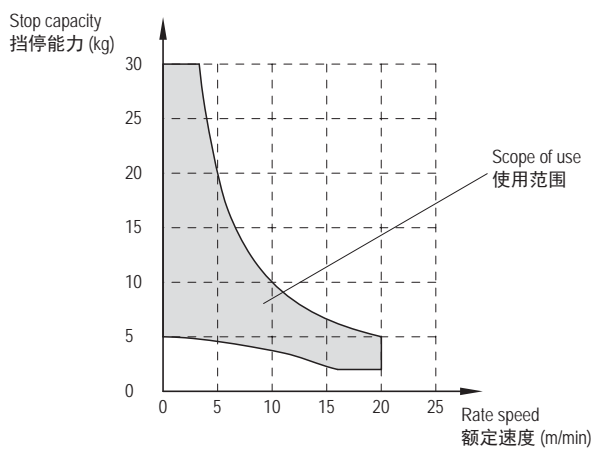


Dimension
尺寸



¹⁾ Please contact us for non-standard size.
¹⁾ 此尺寸可非标定制，请来电咨询。

Stop Capacity Diagram
挡停能力图





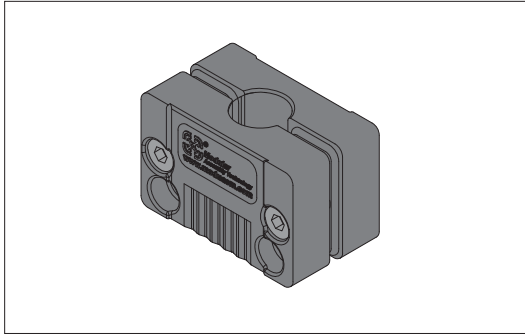
⚠ Additional stop need to be used when the load is more than the stop capacity of the rocker plate. Please contact us for more details.

超过挡停能力范围时需要额外配置挡停器使用，相关参数请来电咨询。



Sensor Bracket Unit for Stop
挡停器用传感器支架组件

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



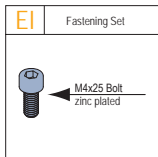
Features/Benefits 特征

1. It is used to fix the sensor (M12x1).
用于固定传感器 (M12x1)
2. Used with Pneumatic stop 50801100 / Pneumatic stop 50811100 .
配合气动挡停器 50801100 / 气动挡停器 50811100 使用。
3. Used with sensor for inquiry of workpiece pallet location from below.
配合传感器使用，感应工件托盘下面的感应部位。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all fastening sets to mount on pallet conveyor (2×EI).
包括所有用于托盘输送线体上安装的紧固件 (2×EI)。

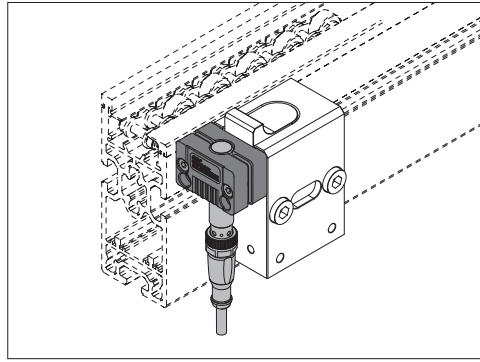


2. Supply mode
供货状态
Not equipped
未装配

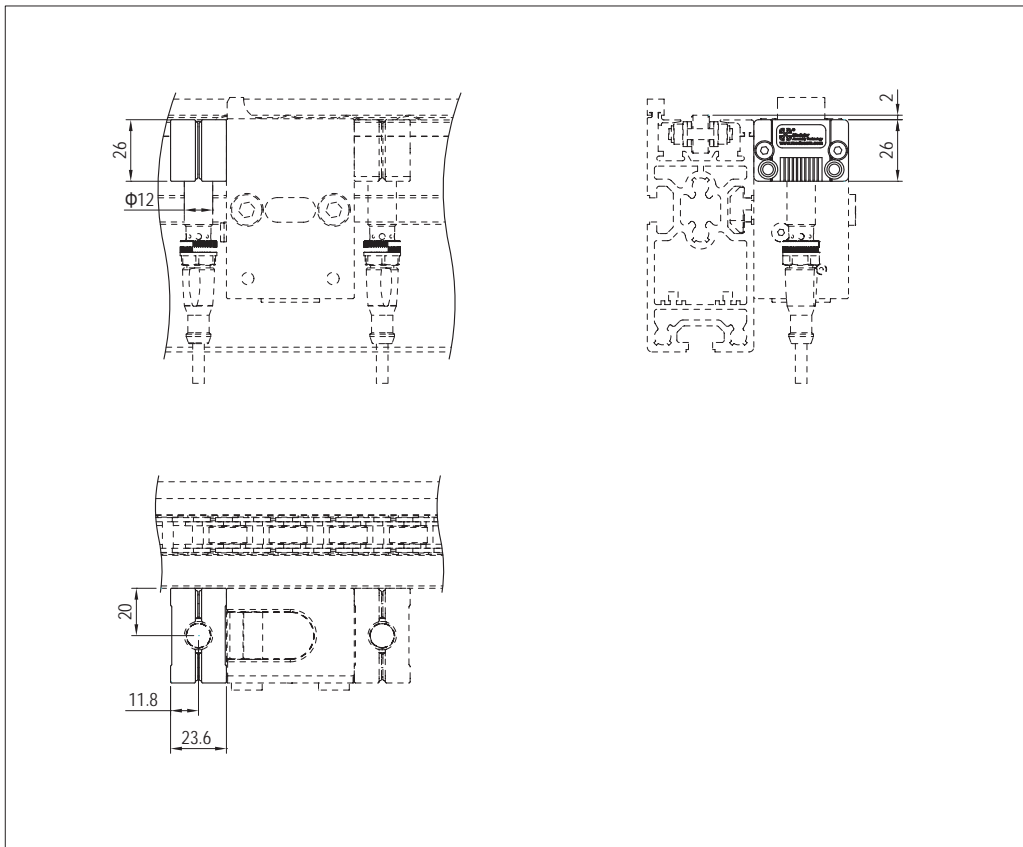
Specifications 规格配置

Part No. for sensor bracket unit for stop 挡停器用传感器支架组件订购编号	50821101
Material 材料说明	PA6 black PA6 黑
Delivery unit 供货单位	1

Installation Position 安装位置



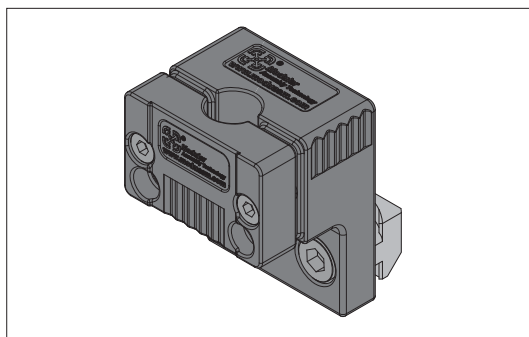
Dimension
尺寸



Sensor Bracket Unit on Inner Side of Conveyor Frame
线体内侧传感器支架组件

 Delivery 交货期 **05** Workday 工作日

 Please contact us if order quantities more than 50 pcs
订量 ≥ 50 套时货期请来电咨询



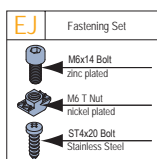
Features/Benefits 特征

1. It is used to fix the sensor (M12x1).
用于固定传感器 (M12x1)。
2. To be installed in the inner slot of conveyor frame.
安装位置在输送线内侧的上方槽内。
3. Used with sensor for inquiry of workpiece pallet location from below.
配合传感器使用，感应工件托盘下面的感应部位。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all fastening sets to mount on pallet conveyor (2x**EJ**).
包括所有用于托盘输送线体上安装的紧固件 (2x**EJ**)。

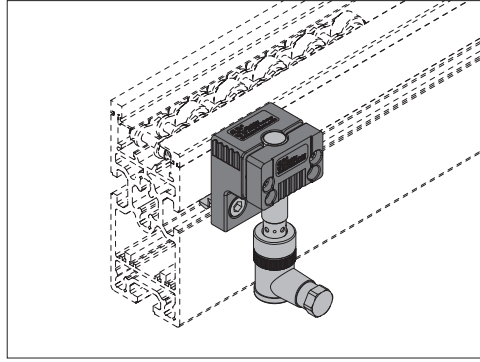


2. Supply mode
供货状态
Not equipped
未装配

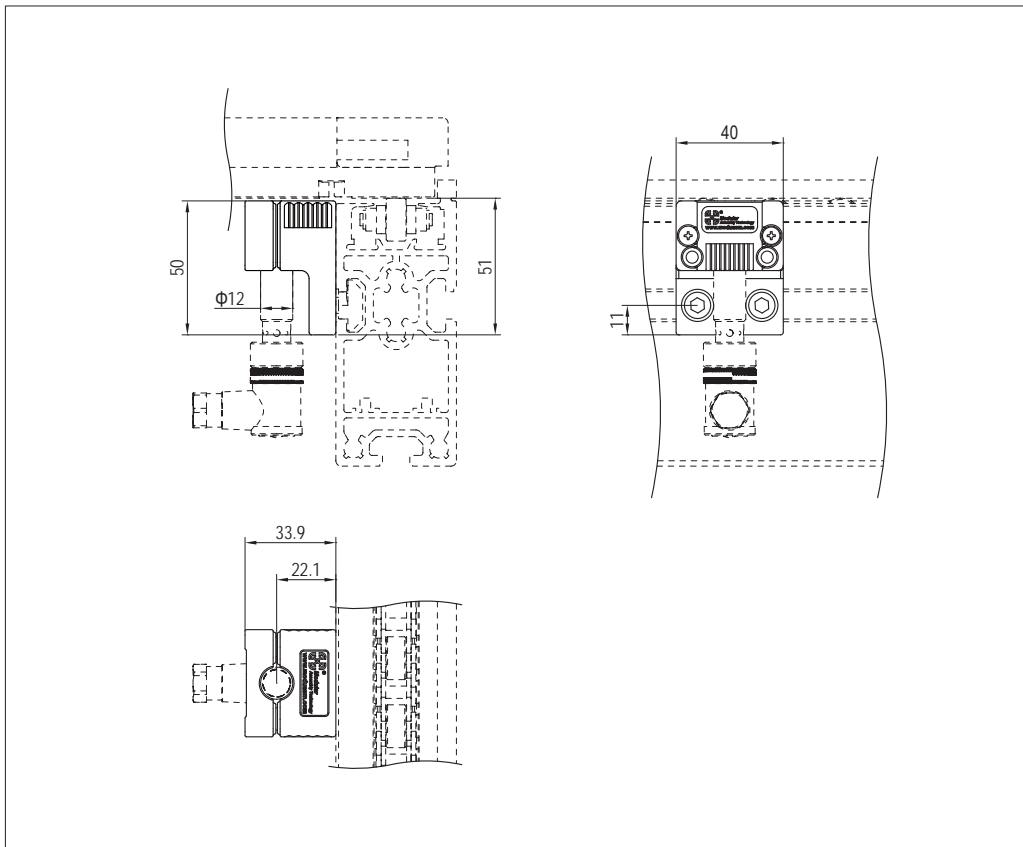
Specifications 规格配置

Part No. for sensor bracket unit for stop on inner side of conveyor frame 线体内侧挡停器用传感器支架组件订购编号	50821102
Material 材料说明	PA6 black PA6 黑
Delivery unit 供货单位	1

Installation position 安装位置



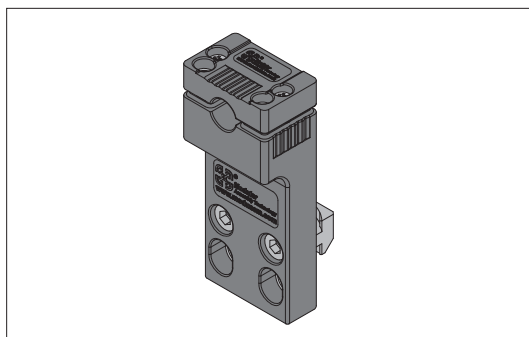
Dimension
尺寸



Sensor Bracket Unit on Outer Side of Conveyor Frame
线体外侧传感器支架组件

 Delivery 交货期 **05** Workday 工作日

 Please contact us if order quantities more than 50 pcs
订购 ≥ 50 套时货期请来电咨询



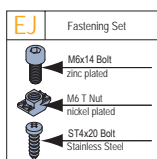
Features/Benefits 特征

1. It is used to fix the sensor (M12x1).
用于固定传感器 (M12x1)。
2. To be installed in the outer slot of conveyor frame.
安装位置在输送线外侧的上方槽内。
3. Used with sensor for inquiry of workpiece pallet location from below.
配合传感器使用，感应工件托盘侧面的感应部位。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all fastening sets to mount on pallet conveyor (2xEJ).
包括所有用于托盘输送线体上安装的紧固件 (2xEJ)。



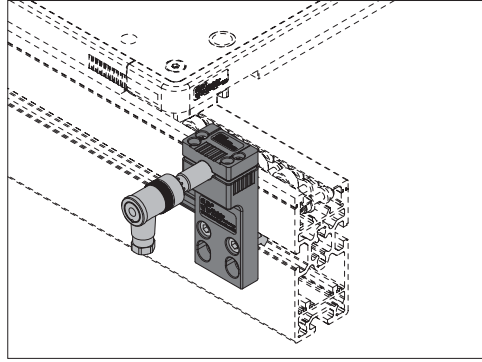
2. Supply mode
供货状态
Not equipped
未装配

Specifications 规格配置

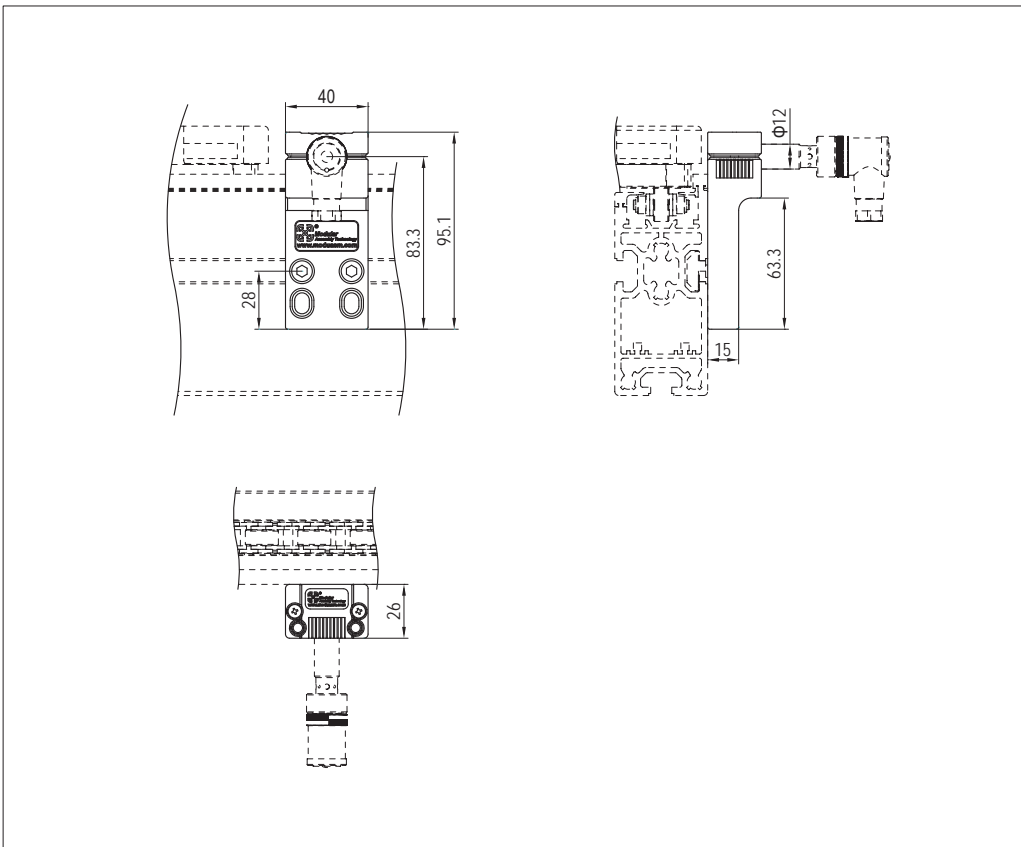
Part No. for sensor bracket unit on outer side of conveyor frame 线体外侧传感器支架组件订购编号	50821103
Material 材料说明	PA6 black PA6 黑
Delivery unit 供货单位	1



Installation position 安装位置

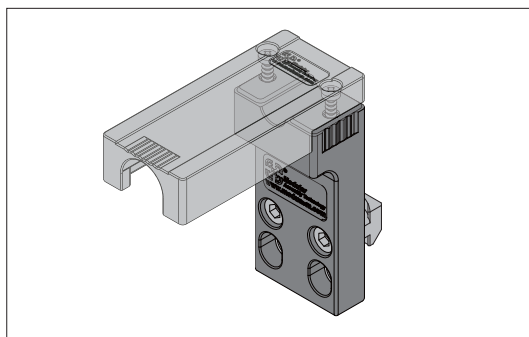


Dimension
尺寸



Sensor Bracket Unit on Outer Side of Conveyor Frame (Sensor & Cable Protection)
线体外侧传感器支架组件 (传感器 & 电缆保护)

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



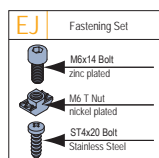
Features/Benefits 特征

1. It is used to fix the sensor (M12x1).
用于固定传感器 (M12x1)。
2. To be installed in the inner slot of conveyor frame.
安装位置在输送线外侧的上方槽内。
3. Used with sensor for inquiry of workpiece pallet location from below.
配合传感器使用，感应工件托盘侧面的感应部位。
4. With block to protect the sensor and cable.
传感器加长固定块用于保护传感器和电缆。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all fastening sets to mount on pallet conveyor (2x E.J).
包括所有用于托盘输送线体上安装的紧固件 (2x E.J)。



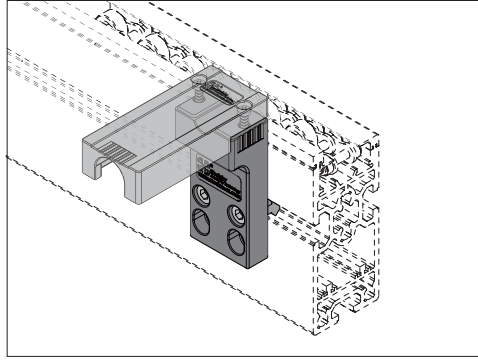
2. Supply mode
供货状态
Not equipped
未装配

Specifications 规格配置

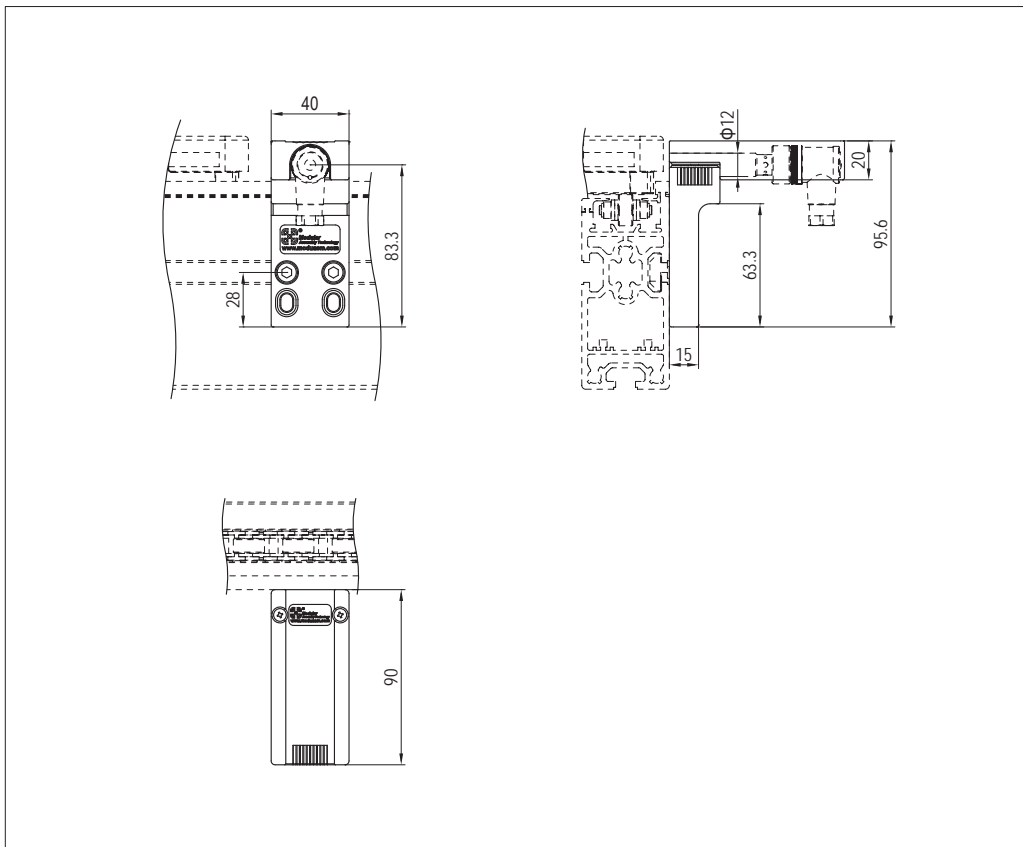
Part No. for sensor bracket unit on outer side of conveyor frame (sensor & cable protection) 线体外侧传感器支架组件 (传感器 & 电缆保护) 订购编号	50821104
Material 材料说明	Extended sensor fixed block: ABS transparent 传感器加长固定块: ABS 透明 Outer sensor fixed block: PA6 black 外侧传感器固定座: PA6 黑
Delivery unit 供货单位	1



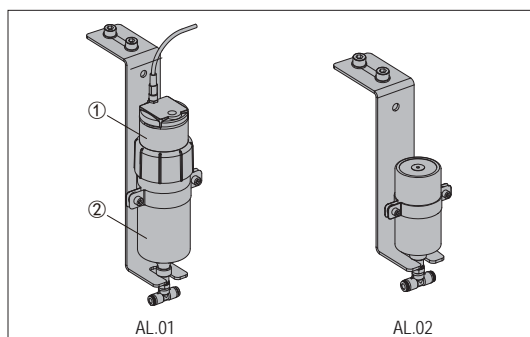
Installation position 安装位置



Dimension
尺寸



AL Automatic Lubrication System
AL 自动润滑系统






Features/Benefits 特征

1. Modular design, free maintenance. Continuous lubrication to the chain when operation and increase of service life.
模块化设计, 免维护部件, 在输送系统运行时对链条进行持续润滑, 提高系统寿命。
2. AL.01 is to control the dose via PLC and is recommended to be used. It is composed of ①automatic lubrication drive unit (equipped with installation bracket) and ②oil can(available to be ordered for replacement).
AL.01通过外部PLC自动化控制润滑计量, 推荐使用; 产品包含①自动润滑驱动单元(配有安装支架)、②油罐, 油罐可单独订购。
3. AL.02 is to control the dose via mechanical button. It is composed of automatic lubrication oil can (equipped with installation bracket and available to be ordered for replacement). The lubrication unit need manually turn off if the conveyor stops working for long time.
AL.02通过调节机械旋钮设定自动润滑计量; 产品包含自动润滑油罐(配有安装支架), 油罐可单独订购; 当输送设备长时间停机时, 此自动润滑设定需手动关闭。
4. Lubrication connection unit, including lubrication connector, hose or related accessories, is to be ordered separately.
需另选购润滑适配组件, 产品包含润滑销、管道及相关附件。

Supply Mode 供货方式

1. Scope of delivery
供货范围

Including all fastening sets to mount on pallet conveyor(2xHT).
包括所有用于托盘输送线体上安装的紧固件(2xHT)。

HT	Fastening Set
	MBx16 Bolt zinc plated
	D8 Spring Washer zinc plated
	M8 T Nut nickel plated

2. Supply mode
供货状态

Equipped
已装配

Specifications 规格配置

AL.01 Automatic Lubrication System

AL.01 自动润滑系统

Part No. for Automatic Lubrication Drive Unit(with installation bracket) 自动润滑驱动单元 (配有安装支架) 订购编号	51001010
Part No. for Oil Can (Volume 0.25 L) 油罐 (容量 0.25 L) 订购编号	51001011
Working temperature 工作温度 (°C)	0...40
Lubrication medium 润滑介质	High-performance thin oil 高性能稀油

AL.02 Automatic Lubrication System

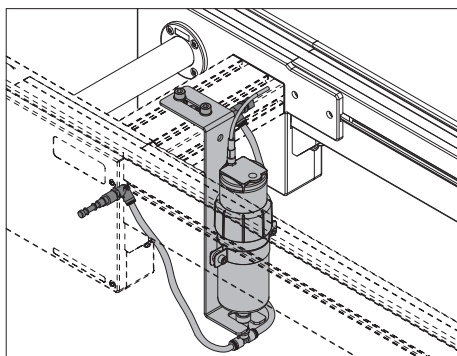
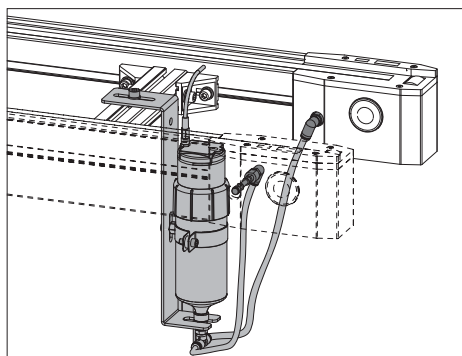
AL.02 自动润滑系统

Part No. for Automatic Lubrication Oil Can (with installation bracket) 自动润滑油罐 (配有安装支架) 订购编号	51001020
Part No. for Automatic Lubrication Oil Can (Volume 0.25 L) 自动润滑油罐 (容量 0.25 L) 订购编号	51001021
Working temperature 工作温度 (°C)	0...40
Lubrication medium 润滑介质	High-performance thin oil 高性能稀油

Scope of delivery

润滑适配组件

Part No. for Lubrication Connection Unit on PTS2 Return End PTS2润滑适配组件 (安装在尾端上) 订购编号	51001030
Part No. for Lubrication Connection Unit on PTS2 Head End PTS2润滑适配组件 (安装在头端上) 订购编号	51001031

Installation Position 安装位置




Belt Conveyor
皮带输送机

Toothed Belt Conveyor
齿形带输送机

2

Basic Transfer System 基础输送系统

The basic transfer system consists of belt conveyors, toothed belt conveyors etc. to meet different production conditions.
基础输送系统是由皮带输送机、齿形带输送机等来输送不同的物品，种类形式多样，可以满足多种场合的自动化生产需求！

Belt Conveyor
皮带输送机

Industries Served 应用

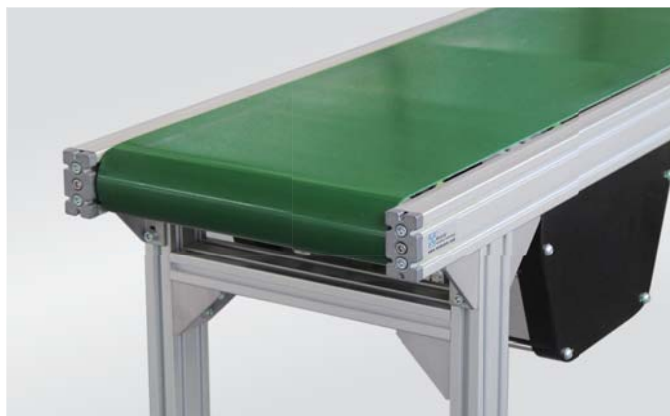
Factory Automation, Automobile Parts, Electronics, Food, Logistics etc.
工厂自动化、汽车零部件、电子、食品、物流等。



B1100 Series B1100 皮带机



B1200 Series B1200 皮带机



B2200 Series B2200 皮带机



B2100 Series B2100 皮带机



B3200 Series B3200 皮带机



B3100 Series B3100 皮带机



Toothed Belt Conveyor 齿形带输送机

Belt Conveyor
 皮带输送机

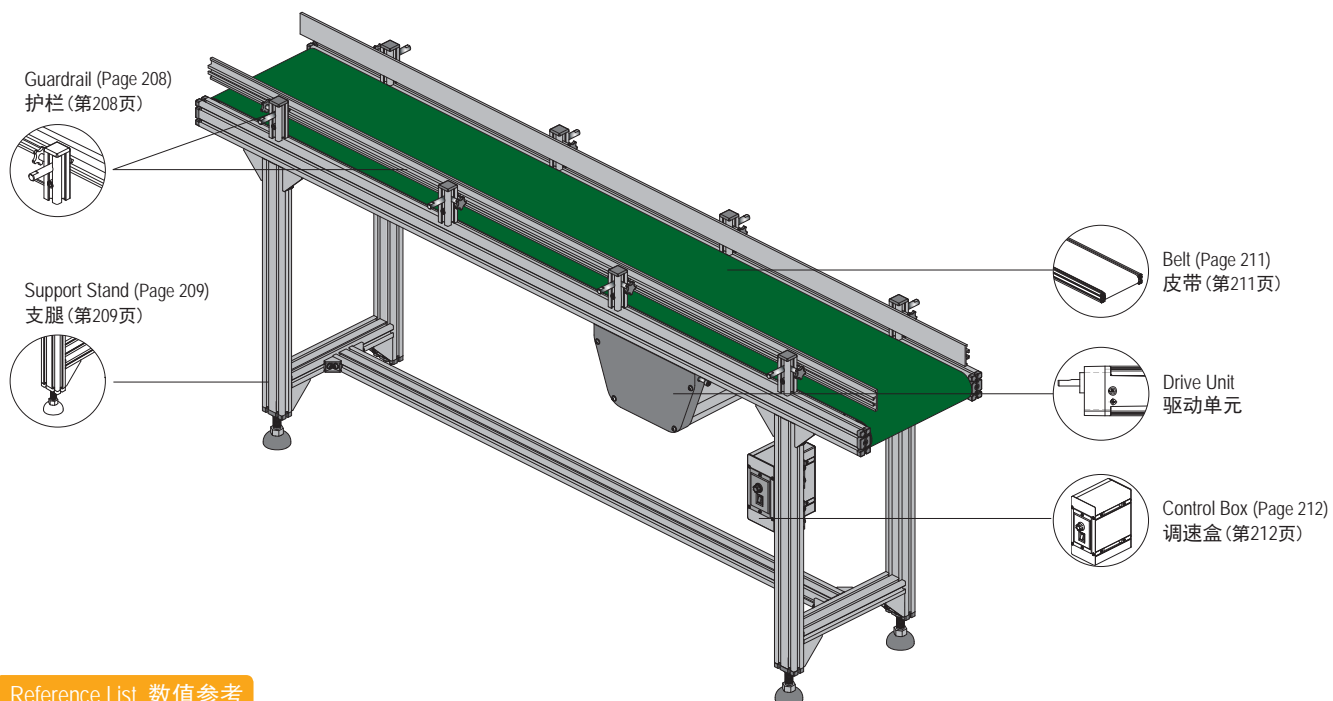
Introduction 概述

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。

Layout 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	$600 \leq L \leq 3000$ mm	$80 \leq W \leq 300$ mm	30	40
B1200	$600 \leq L \leq 6000$ mm	$80 \leq W \leq 300$ mm	40	40
B2100	$600 \leq L \leq 6000$ mm	$80 \leq W \leq 400$ mm	40	40
B2200	$600 \leq L \leq 10000$ mm	$80 \leq W \leq 400$ mm	50	40
B3100	$600 \leq L \leq 6000$ mm	$200 \leq W \leq 600$ mm	50	40
B3200	$1000 \leq L \leq 20000$ mm	$300 \leq W \leq 1000$ mm	120	40

B1100

Specifications 规格配置

Conveyor Length 线体长度	$600 \leq L \leq 3000$ mm
Conveyor Width 皮带宽度	$80 \leq W \leq 300$ mm
Max. Load Capacity 最大负载能力	30 kg
Max. Belt Speed 最大运行速度	V max. = 40 m/min
Pulley Diameter 驱动辊筒直径	$\Phi 47$ mm

Features/Benefits 特征

1. Efficient installation and adjustment;
皮带安装调换方便快捷;
2. End drive, save space;
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---N---S---P

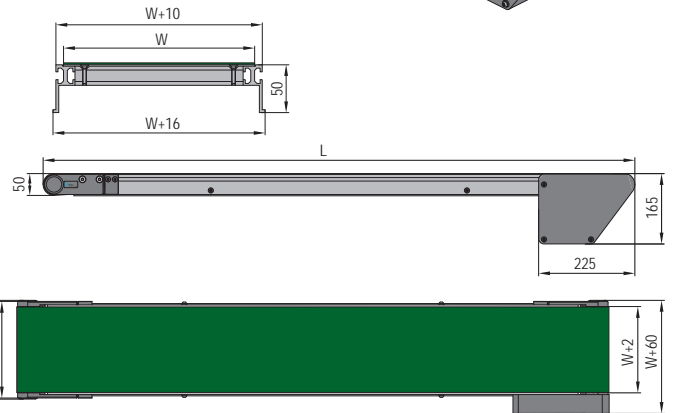
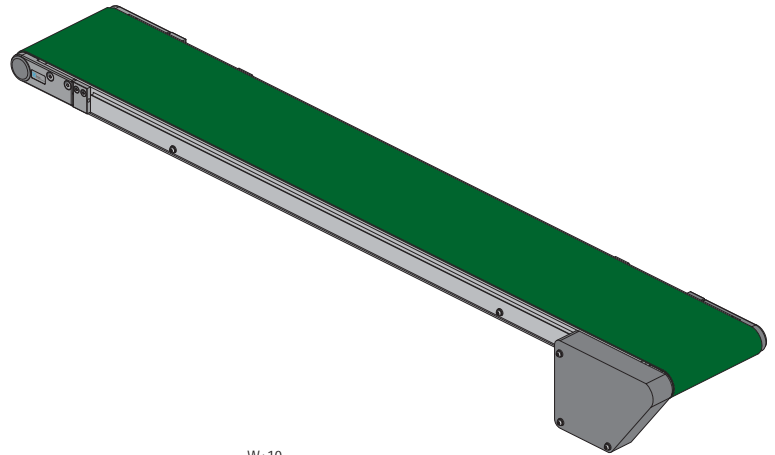


Example 订货范例:

B1100---M10---L2000---W200---H800---A---I---220---20---V---C---N2---S1---P1

B1100 series end drive conveyor---max. load capacity 10 kg---2000 mm long---200 mm wide---800 mm high---transport direction A---imported motor---220V---conveyor speed 20 m/min---variable speed---chinese brand belt--- 2 sets of stand support---S1 support stand---P1 guardrail.

B1100 端驱动皮带机---满载负载 10 kg---长度2000mm---宽度 200 mm---高度 800 mm---输送方向 A---进口电机---电压 220V---速度 20 m/min---可调速---国产皮带---支脚数量 2 组---配置 S1 支腿---配置 P1 护栏



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。

❗ 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 20 m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20 m/min 时, 输送机的负载能力会下降, 详情请来电咨询。

❗ Please refer to page 212 when using adjustable speed motor.
使用调速电机时请参照样本第212页。

❗ Non accumulation
不可积放



B1200

Specifications 规格配置

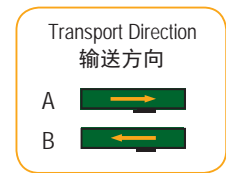
Conveyor Length 线体长度	$600 \leq L \leq 6000$ mm
Conveyor Width 皮带宽度	$80 \leq W \leq 300$ mm
Max. Load Capacity 最大负载能力	40 kg
Max. Belt Speed 最大运行速度	V max. = 40 m/min
Pulley Diameter 驱动辊筒直径	$\phi 80$ mm

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; operation in both directions
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---N---S---P




Example 订货范例:

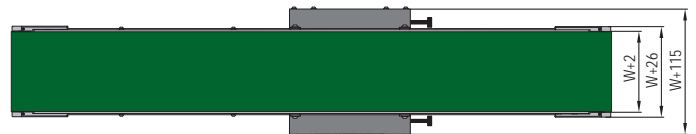
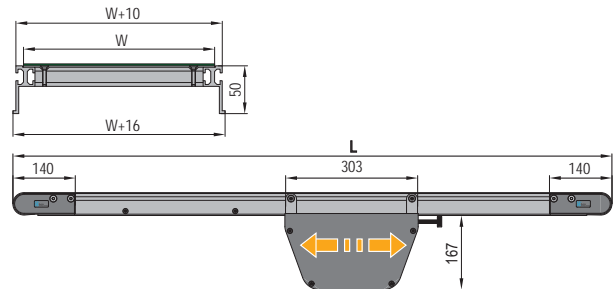
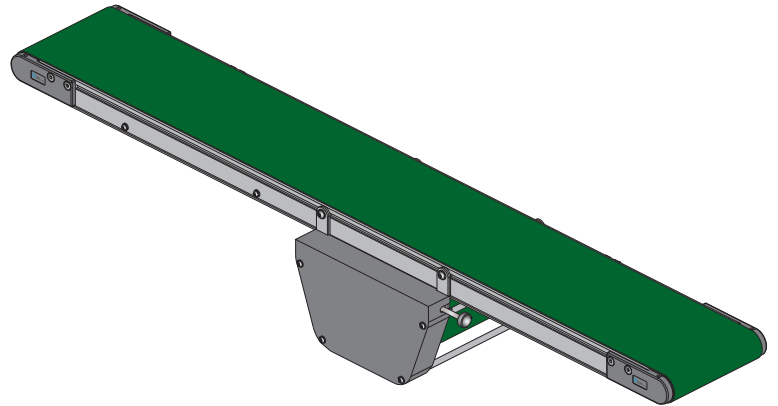
B1200---M10---L2000---W200---H800---A---I---220---20---V---C---N2---S1---P1

B1200 series center drive conveyor---max. load capacity 10 kg---2000 mm long---200 mm wide---800 mm high---transport direction A
---imported motor---220V---conveyor speed 20 m/min---variable speed---chinese brand belt--- 2 sets of stand support---S1 support stand---P1 guardrail.

B1200 中间驱动皮带机---满载负载 10 kg---长度2000mm---宽度 200 mm---高度 800 mm---输送方向 A---进口电机
---电压 220V---速度 20 m/min---可调速---国产皮带---支脚数量 2组---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 20 m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20 m/min 时，输送机的负载能力会下降，详情请来电咨询。
- ⚠ Please refer to page 212 when using adjustable speed motor.
使用调速电机时请参照样本第212页。

 Non accumulation
不可积放



B2100

Specifications 规格配置

Conveyor Length 线体长度	$600 \leq L \leq 6000\text{mm}$
Conveyor Width 皮带宽度	$80 \leq W \leq 400\text{mm}$
Max. Load Capacity 最大负载能力	40 kg
Max. Belt Speed 最大运行速度	V max. = 40 m/min
Pulley Diameter 驱动辊筒直径	$\phi 60\text{mm}$

Features/Benefits 特征

- Efficient installation and adjustment;
皮带安装调换方便快捷;
- End drive, save space;
端驱动, 节省空间;
- 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---N---S---P



Example 订货范例:

B2100---M10---L2000---W200---H800---A---I---220---20---V---C---N2---S1---P1

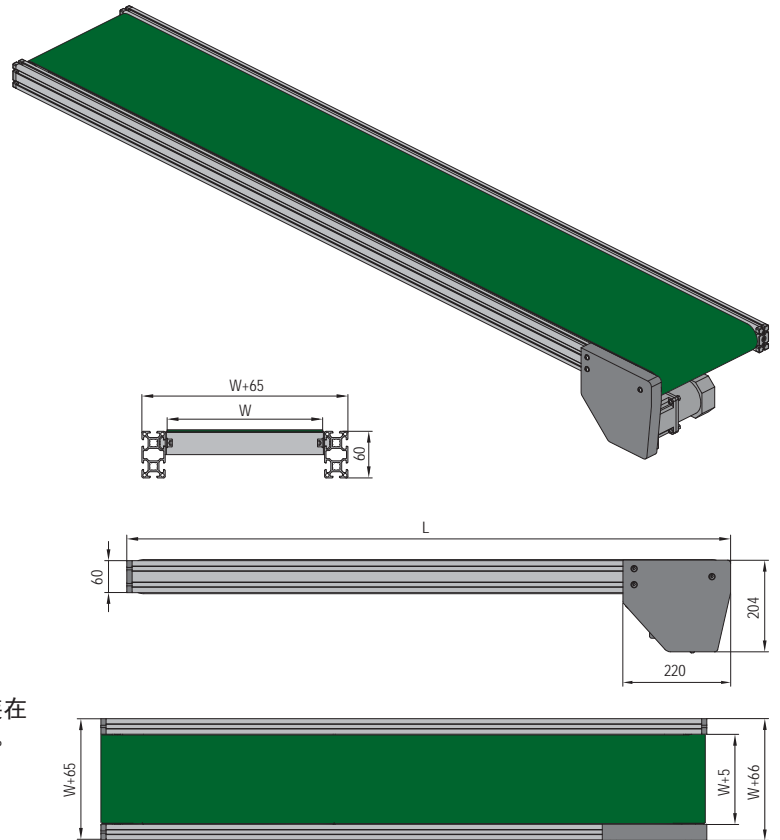
B2100 series end drive conveyor---max. load capacity 10 kg---2000 mm long---200 mm wide---800 mm high---transport direction A ---imported motor---220V---conveyor speed 20 m/min---variable speed---chinese brand belt--- 2 sets of stand support---S1 support stand---P1 guardrail.

B2100 端驱动皮带机---满载负载 10 kg---长度2000mm---宽度 200 mm---高度 800 mm---输送方向 A---进口电机---电压 220V---速度 20 m/min---可调速---国产皮带---支脚数量 2 组---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 20 m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20 m/min 时, 输送机的负载能力会下降, 详情请来电咨询。

❗ Please refer to page 212 when using adjustable speed motor.
使用调速电机时请参照样本第212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。

❗ Non accumulation
不可积放



B2200

Specifications 规格配置

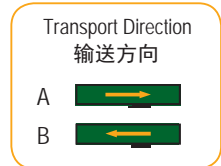
Conveyor Length 线体长度	$600 \leq L \leq 10000$ mm
Conveyor Width 皮带宽度	$80 \leq W \leq 400$ mm
Max. Load Capacity 最大负载能力	50 kg
Max. Belt Speed 最大运行速度	V max. = 40 m/min
Pulley Diameter 驱动辊筒直径	$\phi 80$ mm

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, operation in both directions;
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---N---S---P




Example 订货范例:

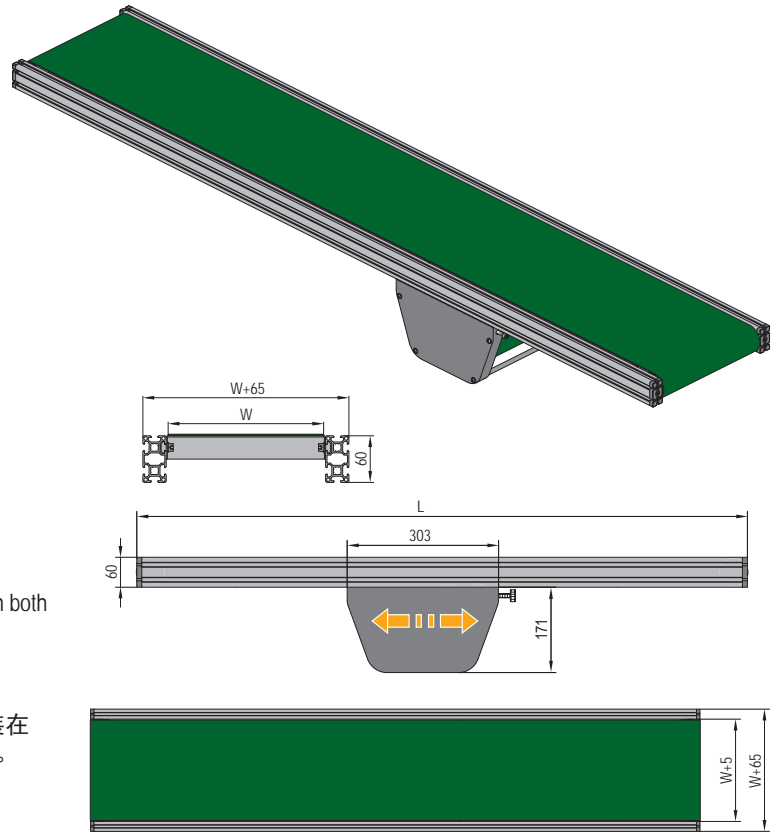
B2200---M20---L2000---W200---H800---A---I---220---20---V---C---N2---S1---P1

B2200 series center drive conveyor---max. load capacity 20 kg---2000 mm long---200 mm wide---800 mm high---transport direction A
---imported motor---220V---speed 20 m/min---variable speed---chinese brand belt--- 2 sets of stand support---S1 support stand---P1 guardrail.

B2200 中间驱动皮带机---满载负载 20 kg---长度2000mm---宽度 200 mm---高度 800 mm---输送方向 A---进口电机
---电压 220V---速度 20 m/min---可调速---国产皮带---支脚数量 2 组---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 20 m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20 m/min 时, 输送机的负载能力会下降, 详情请来电咨询。
- ⚠ Please refer to page 212 when using adjustable speed motor.
使用调速电机时请参照样本第212页。

 Non accumulation
不可积放



B3100

Specifications 规格配置

Conveyor Length 线体长度	$600 \leq L \leq 6000$ mm
Conveyor Width 皮带宽度	$200 \leq W \leq 600$ mm
Max. Load Capacity 最大负载能力	50 kg
Max. Belt Speed 最大运行速度	V max.=40 m/min
Pulley Diameter 驱动辊筒直径	$\phi 70$ mm

Features/Benefits 特征

1. Efficient installation and adjustment;
皮带安装调换方便快捷;
2. End drive, save space;
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---N---S---P



Example 订货范例:

B3100---M20---L2000---W200---H800---A---I---220---20---V---C---N2---S1---P1

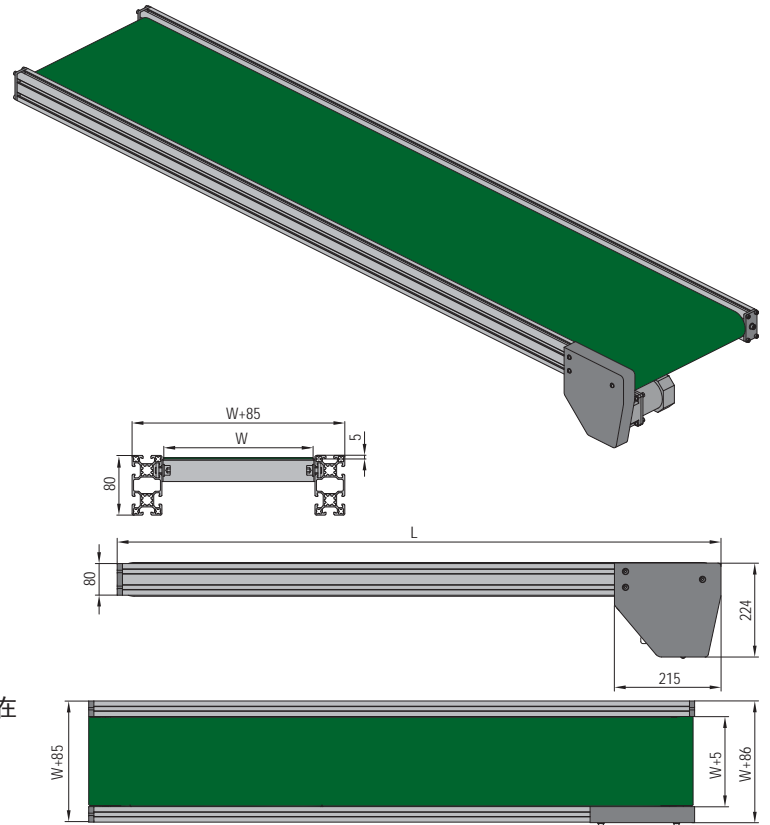
B3100 series end drive conveyor---max. load capacity 20 kg---2000 mm long---200 mm wide---800 mm high---transport direction A---imported motor---220 V---conveyor speed 20 m/min---variable speed---chinese brand belt--- 2 sets of stand support---S1 support stand---P1 guardrail.

B3100 端驱动皮带机---满载负载 20 kg---长度2000mm---宽度 200 mm---高度 800 mm---输送方向 A---进口电机---电压 220V---速度 20 m/min---可调速---国产皮带---支脚数量 2组---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 20 m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20 m/min 时, 输送机的负载能力会下降, 详情请来电咨询。

⚠ Please refer to page 212 when using adjustable speed motor.
使用调速电机时请参照样本第212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。

⚠ Non accumulation
不可积放



B3200

Specifications 规格配置

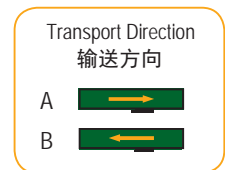
Conveyor Length 线体长度	1000 ≤ L ≤ 20000 mm
Conveyor Width 皮带宽度	300 ≤ W ≤ 1000mm
Max. Load Capacity 最大负载能力	120 kg
Max. Belt Speed 最大运行速度	V max. = 40 m/min
Pulley Diameter 驱动辊筒直径	φ120 mm

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, operation in both directions;
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---380---20---V---C---N---S---P




Example 订货范例:

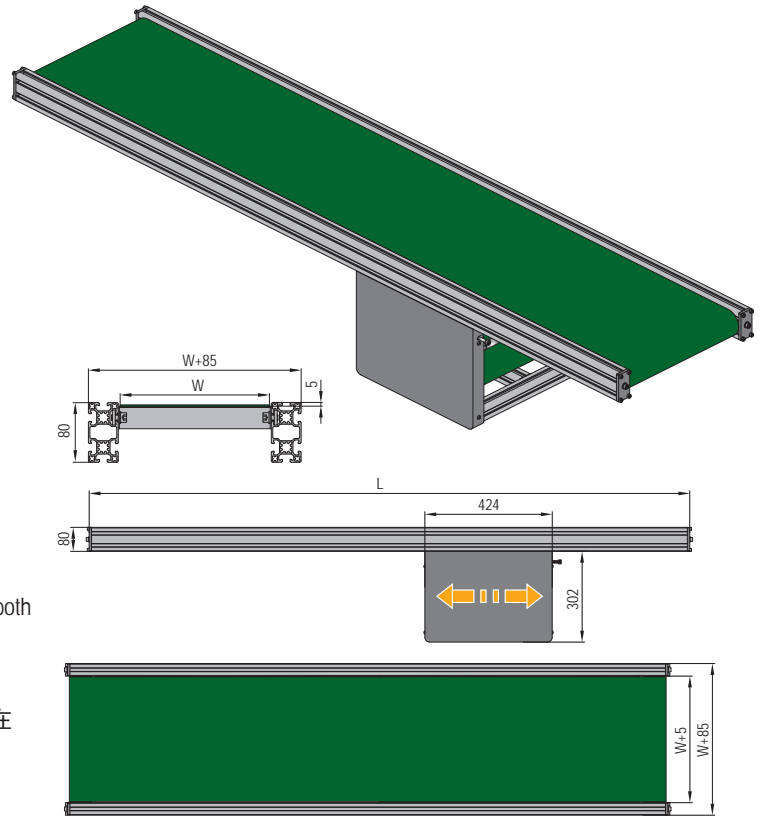
B3200---M60---L2000---W200---H800---A---I---380---20---V---C---N2---S1---P1

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---2sets of stand support---S1 support stand---P1 guardrail.

B3200 中间驱动皮带机---满载负载 60 kg---长度2000mm---宽度 200 mm---高度 800 mm---输送方向 A---进口电机
---电压 380V---速度 20 m/min---可调速---国产皮带---支脚数量 2 组---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 20 m/min, for more details, please contact us at: info@moduasm.com.
运行速度超过 20 m/min 时，输送机的负载能力会下降，详情请来电咨询。
- ⚠ Please refer to page 212 when using adjustable speed motor.
使用调速电机时请参照样本第212页。

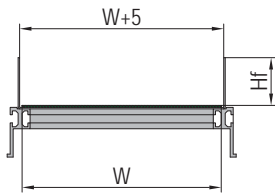
 Non accumulation
不可积放



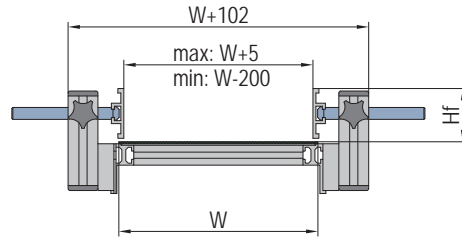
Guardrail
护栏

B1100/B1200 Guardrail
B1100/B1200 护栏

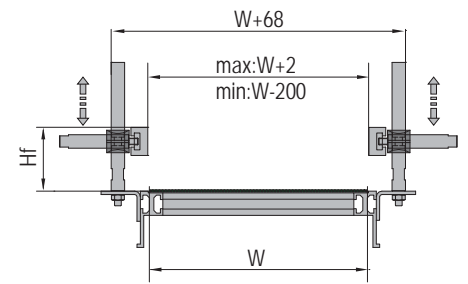
P1-Fixed Guardrail
P1-固定护栏



P2-Adjustable Guardrail
P2-可调护栏

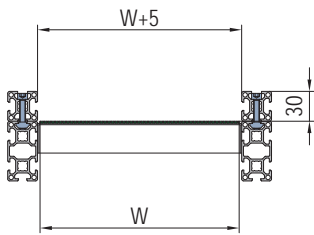


P3-Adjustable Guardrail
P3-可调护栏

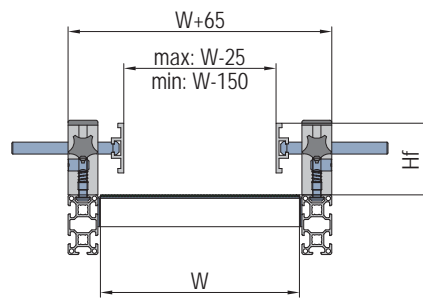


B2100/B2200 Guardrail
B2100/B2200 护栏

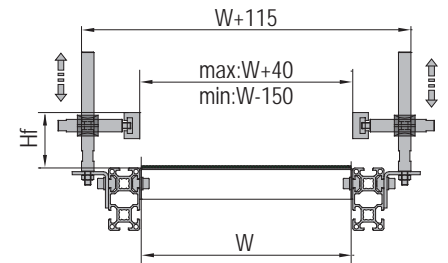
P1-Fixed Guardrail
P1-固定护栏



P2-Adjustable Guardrail
P2-可调护栏

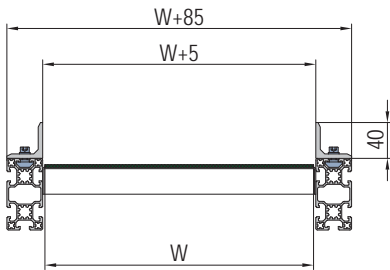


P3-Adjustable Guardrail
P3-可调护栏

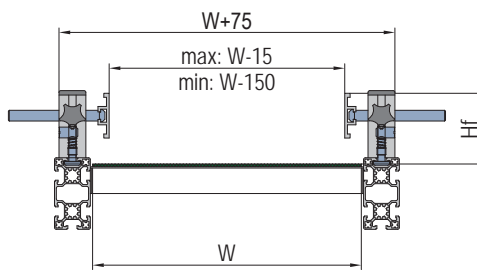


B3100/B3200 Guardrail
B3100/B3200 护栏

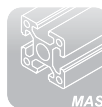
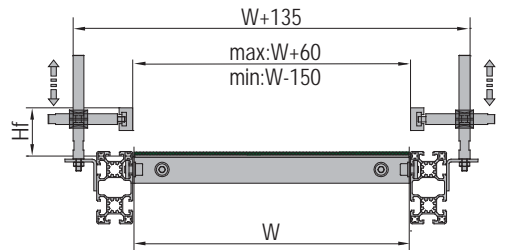
P1-Fixed Guardrail
P1-固定护栏



P2-Adjustable Guardrail
可调护栏

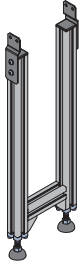


P3-Adjustable Guardrail
P3-可调护栏



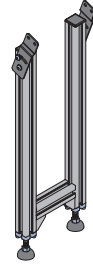
Support Stand
支腿

B1100/B1200 Support Stand
B1100/B1200 支腿



S1-Angle Fixed
S1-无倾斜角

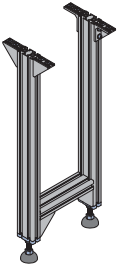
1. 40x40 aluminum profile support frame;
40x40 铝型材支腿;
2. ± 30 mm height adjustment.
支腿可调节高度 ± 30 mm.



S2-Angle Adjustable
S2-有倾斜角

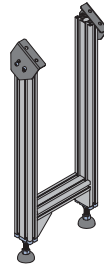
1. 40x40 aluminum profile support frame;
40x40 铝型材支腿;
2. ± 30 mm height adjustment;
支腿可调节高度 ± 30 mm;
3. $\pm 15^\circ$ angle adjustment.
支腿可调节角度 $\pm 15^\circ$.

B2100/B2200 Support Stand
B2100/B2200 支腿



S1-Angle Fixed
S1-无倾斜角

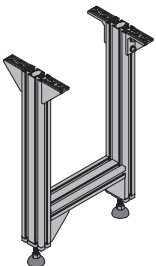
1. 30x60 aluminum profile support frame;
30x60 铝型材支腿;
2. ± 30 mm height adjustment.
支腿可调节高度 ± 30 mm.



S2-Angle Adjustable
S2-有倾斜角

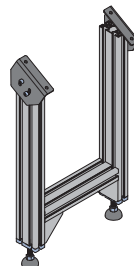
1. 30x60 aluminum profile support frame;
30x60 铝型材支腿;
2. ± 30 mm height adjustment;
支腿可调节高度 ± 30 mm;
3. $\pm 15^\circ$ angle adjustment.
支腿可调节角度 $\pm 15^\circ$.

B3100/B3200 Support Stand
B3100/B3200 支腿



S1-Angle Fixed
S1-无倾斜角

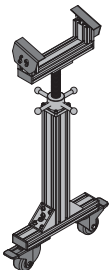
1. 40x80 aluminum profile support frame;
40x80 铝型材支腿;
2. ± 30 mm height adjustment.
支腿可调节高度 ± 30 mm.



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	$700 \leq L \leq 4000$ mm
Conveyor Width 输送宽度	$260 \leq W \leq 3000$ mm
Conveyor Height 线体高度	Customer Specified 高度可指定
Max. Load Capacity 最大负载能力	120 kg
Max. Conveyor Speed 最大满载运行速度	V max. = 30 m/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

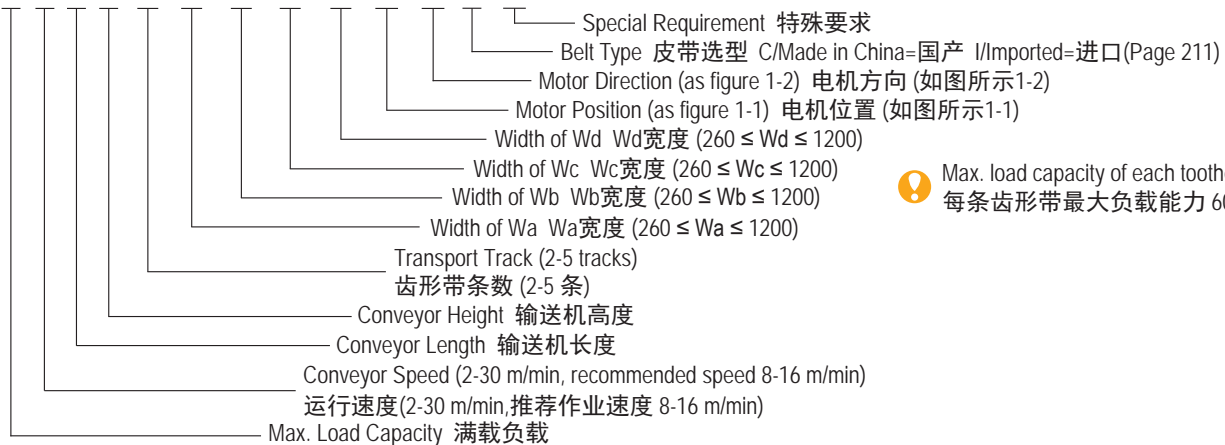
- The drive and return units are constructed from standardized modules.
T slot aluminum profile frames are used for easy accessory attachment.
线体头尾为模块化设计，边框为有标准槽口的高强度铝合金型材，方便将输送机安装在其他设备上或在输送机上安装其它附件(如传感器、支架等)。
- Belt section with two to five tracks (maximum five tracks), the distance between tracks can 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°C 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 $\leq 160^{\circ}\text{C}$ 、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

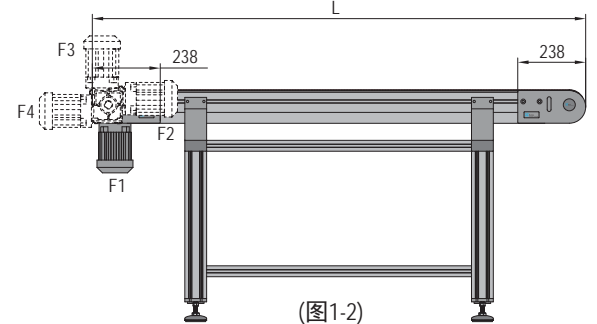
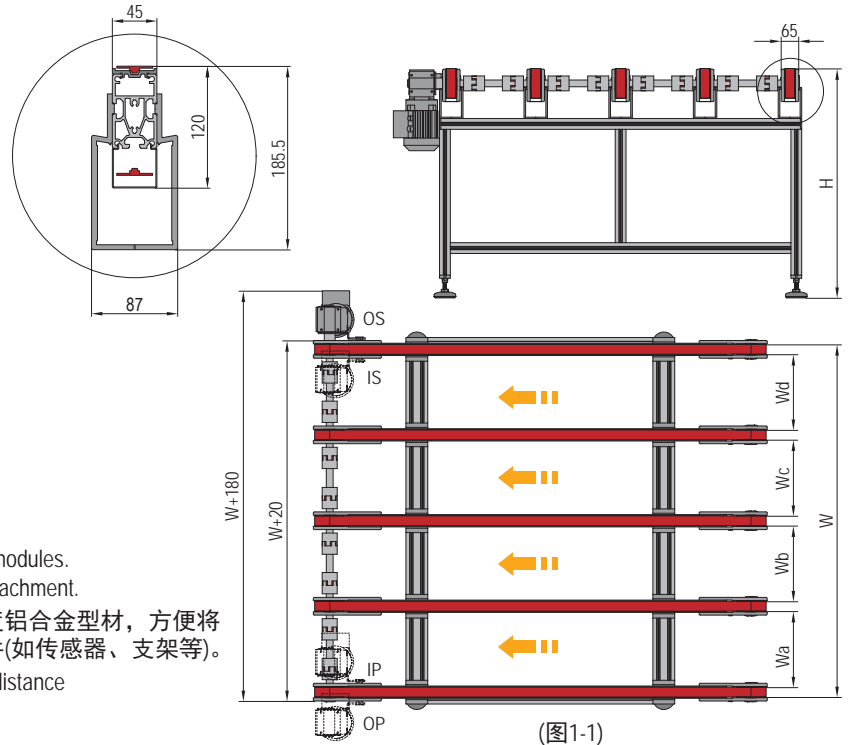


Example 订货范例:

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

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

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




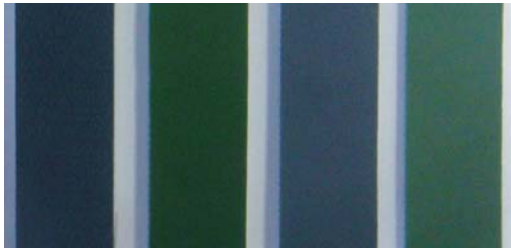
⚠ Max. load capacity of each toothed belt is 60 kg
每条齿形带最大负载能力 60 kg




Belt
皮带

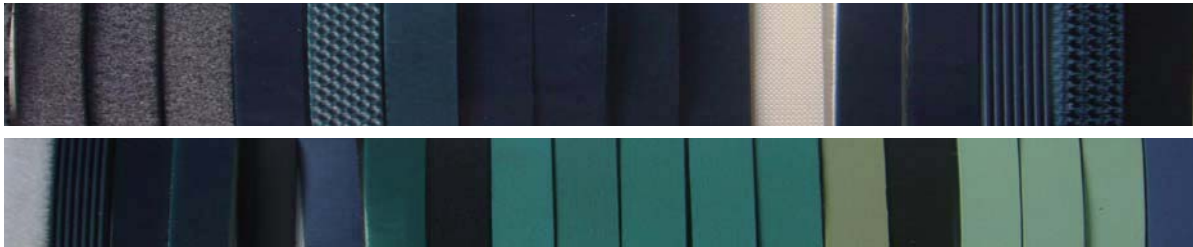
Seglin Belt

 Standard conveyor belt
标准输送皮带



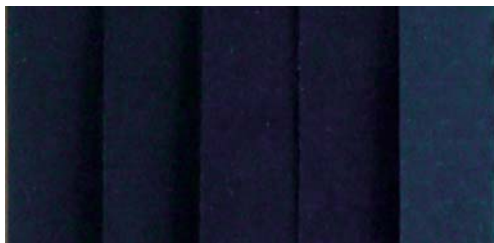
Colour 颜色	Thickness 厚度(mm)	Temperature range 工作温度范围	Application types 适用机型
atrovirens 墨绿色	1	-10~70°	B1100/B1200
atrovirens 墨绿色	2	-10~70°	all types 所有机型
atrovirens 墨绿色	3	-10~70°	B2100/2200/3100/3200

 Other conveyor belt
其他输送皮带




Yongli Belt

 Standard conveyor belt
标准输送皮带



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

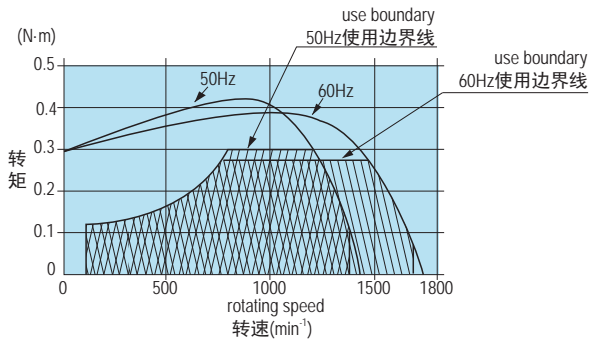
 Other conveyor belt
其他输送皮带



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

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

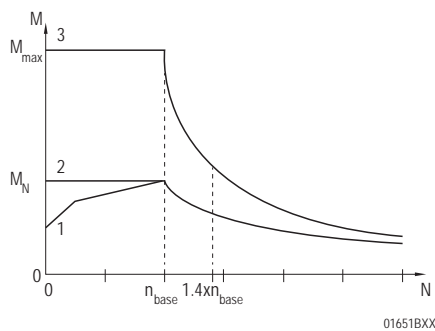
The graph shows the allowed torque should be within the range of the shaded area. If the motor is used at torque outside the range, it could either cause the motor loss due to operating temperature rise or cause the gear tooth broken or etc. So please be aware to avoid such use.

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 25 Hz 长期工作在 25 Hz 以下

M_N =Rated torque of the motor 电机扭矩

M_{max} =Maximum torque of the motor 电机最大扭矩

M_{base} =Rated speed (transition speed) of the motor 电机转速

1 =With integrated cooling 带集成风扇

2 =With forced cooling 带强冷风扇

3 =Maximum torque 最大扭矩

⚠ When the motor is with frequency controller, the recommended frequency is 50Hz±25Hz. The forced-cooling fan is needed to be equipped to achieve the best performance of the motor when the frequency is less than 25Hz.

当调速电机使用变频器调速时,推荐调速范围 50Hz ± 25Hz。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。

Electrical Control System
电气控制系统



Electrical Control Cabinet 电控柜



Pallet conveying control system 托盘输送控制系统



Electrical Control Cabinet 电控柜



Pallet conveying control system 托盘输送控制系统



Pallet conveying control system 托盘输送控制系统



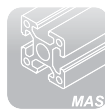
Pallet conveying control system 托盘输送控制系统



Solenoid valve and air pipe 电磁阀及气管



Pallet conveying control system 托盘输送控制系统



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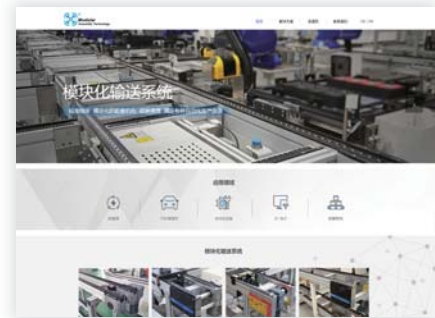


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