

XIEASY®

禧易珈工业组装技术有限公司

modular
Conveying system

工业安全 梯级平台手册

专注品质·专业服务

Absorption makes profession

Profession makes excellence

Excellence makes trust



设备过线梯 Equipment Overflow Line



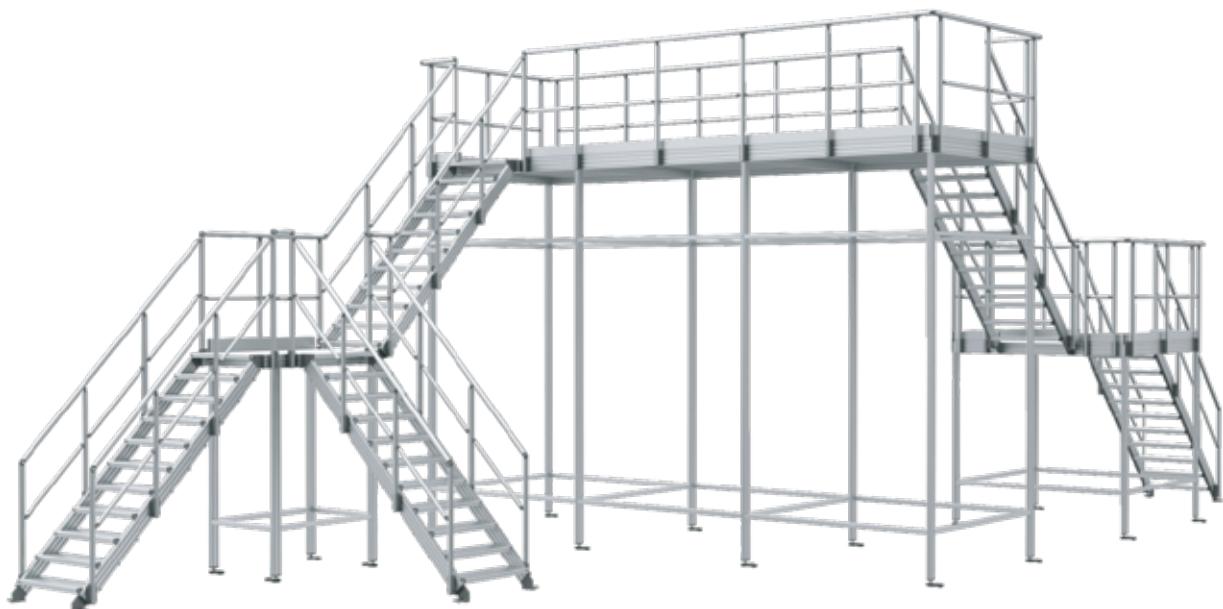
设备过线梯
Equipment Overflow Line



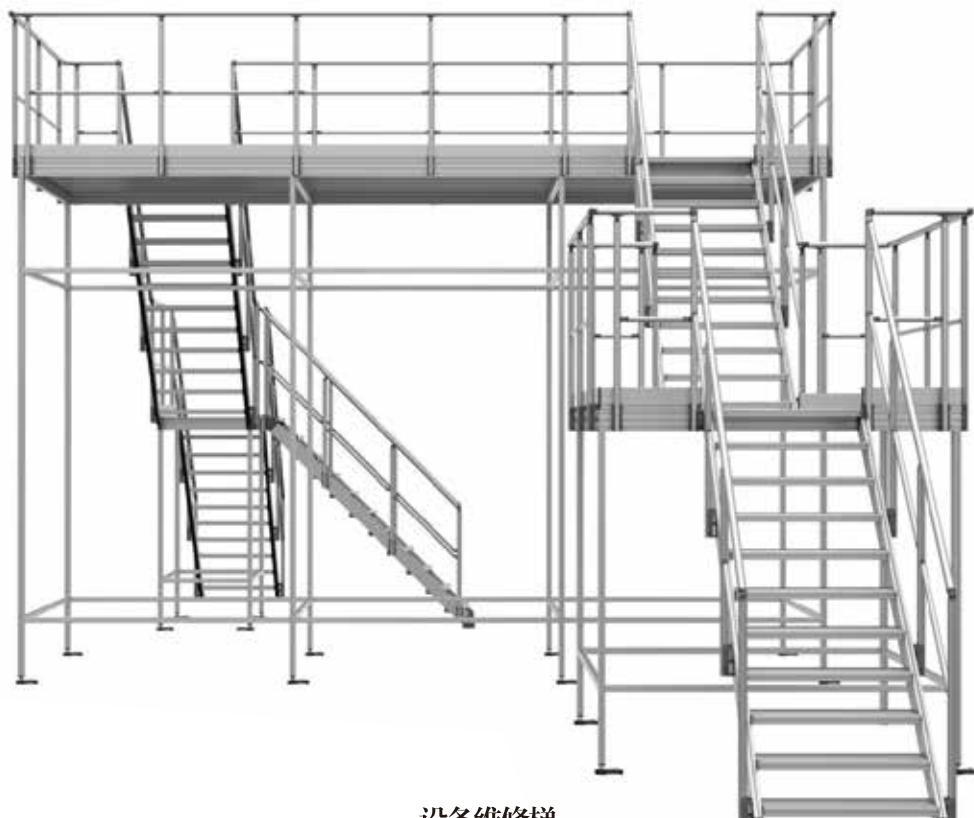
设备维修梯
Equipment Maintenance



设备维修梯
Equipment Maintenance



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设备维修梯
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设备维修梯
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设备过线梯
Equipment Overflow Line

对于目前市场上的阶梯、平台、护栏等产品，主要有两大类，即工业与民用。其中工业产品较单一，多为碳钢焊接品；而民用产品种类繁多，形式多样但是均没有模块化、系统化。

There are two main categories of ladders, platforms and guardrail products on the market today, namely industrial and civilian. The industrial products are relatively single, mostly carbon steel welding products; the variety of civilian products, various forms but no modular, systematic.

工业产品较单一多为碳钢和铝合金型材焊接产品
The industrial products are relatively single, mostly are carbon steel and aluminum alloy welding products



碳钢阶梯
Carbon steel ladder

现场焊接、现场喷涂、制作周期长、结构不易调整、易生锈。
On-site welding, on-site spraying, long production cycle,
difficult to adjust structure, easy to rust.

铝合金阶梯
Aluminum alloy ladder

可灵活组装、不需现场做表面处理、制作周期短、可调整结构、
表面美观且光泽持久。
Flexible assembly, no surface treatment on site, short
production cycle, adjustable structure, beautiful surface
and long lasting gloss.

禧易珈为什么开发此系统产品？

Why did xieeasy develop this system product?

1. 解决现场焊接、现场喷涂问题；
1.Solve the problem of on-site welding and on-site spraying.
2. 丰富市场现有产品序列；
2.Rich the market existing product.
3. 解决铁制品沉重、易生锈问题；
3.Solve the problem of heavy and rusting iron products.
4. 解决维修困难的问题；
4.Solve the problem of difficult maintenance.
5. 解决经销商设计、计算。报价难的问题。
5.Solve the problem of dealer design. calculation and quotation.



禧易珈阶梯产品特点

Features of xieeasy stair and platform system

1. 铝制品质量轻；强度高；大部分零部件采用高强度铝合金；
1.Aluminum products are light, High strength;Most parts are made of high-strength aluminum alloy.
2. 尺寸：误差小、精度高。
2.Size:small tolerance and high precision.



阶梯平台系统在工业领域的应用非常强大。零部件之间的包容性与适配性使得禧易珈阶梯平台产品适用于更多、更复杂、对产品灵活性要求更高的工业生产环境。并且，随着用户的反馈的积累与不间断的研发投入，使得铝合金阶梯平台系统可以更好的为工业生产提供更多便利的服务，满足用户需求。

The application of the stair and platform system in the industrial field is powerful. Inclusiveness and adaptability between components makes it easy for the high requested industrial production environment of more widely, more complex, and high product flexibility. With the accumulation of user feedback and uninterrupted R&D investment, the aluminum alloy stair and platform system can provide more convenient services for industrial production and meet user needs.

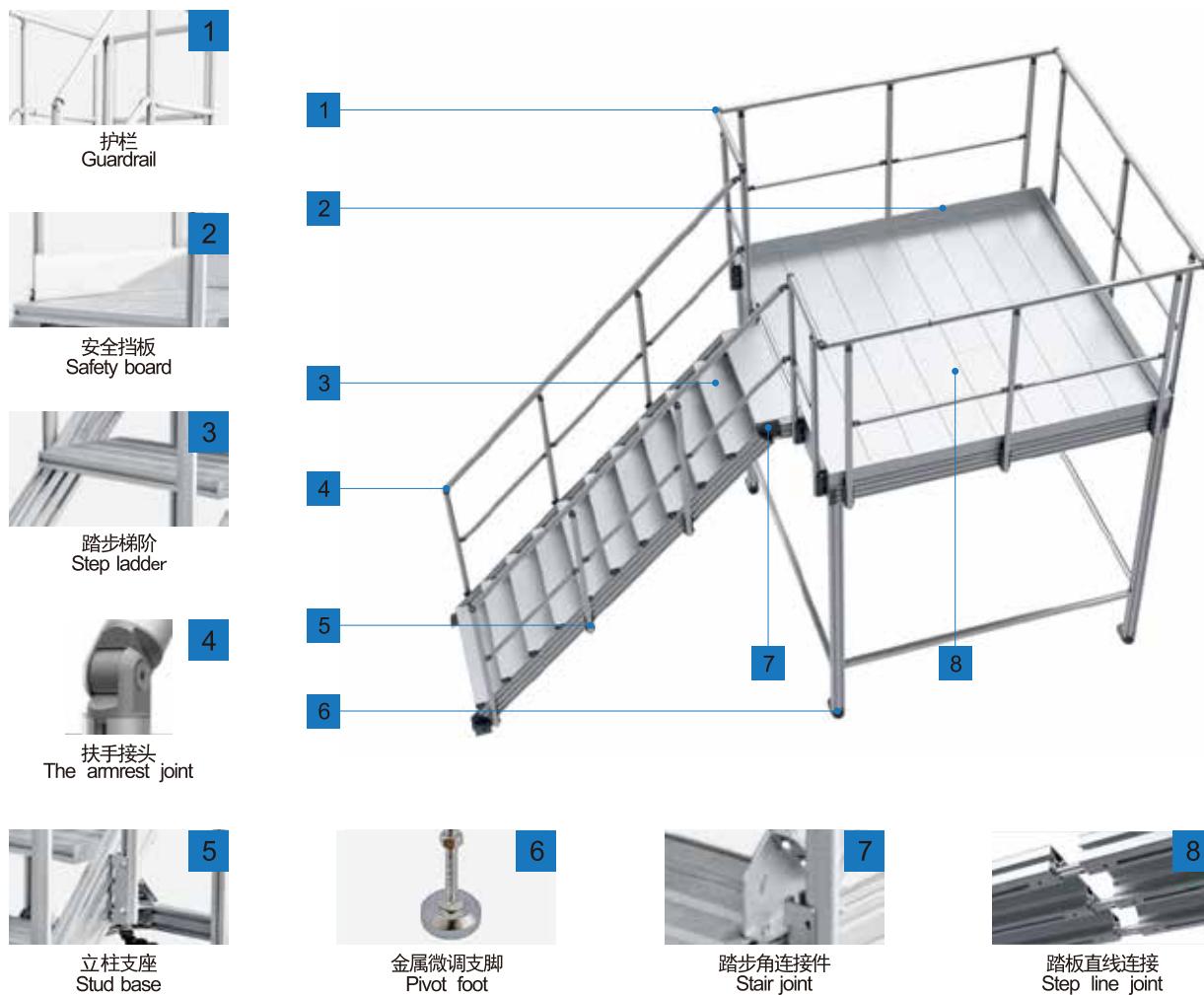
工业型阶梯平台系统分为四个基本型

Industrial stair and platform system is divided into four basic types

分别为：

一层产品A、多层产品B、多功能登高车C、临时登高踏步D，以下称A型、B型、C型、D型，其中A型B型两个基本型结构相同，彼此兼容。A型为一层产品，B型为多层产品。B型只在二层扶梯接角处略差异于A型，其他配件相同，此处以A型样本作参照说明。

Single-layer products are A, multi-layer products are B, multi-function boarding trolley are C, temporary climbing platforms are D. hereinafter, type A, type B, type C, type D. and the two basic types of the A type B type have the same structure and compatible with each other. TypeA is a one layer product and Type B is a multilayer product. Type B is only slightly different from TypeA at the corner of the second floor escalator. The other parts are the same. Here, the type A sample is used as a reference.



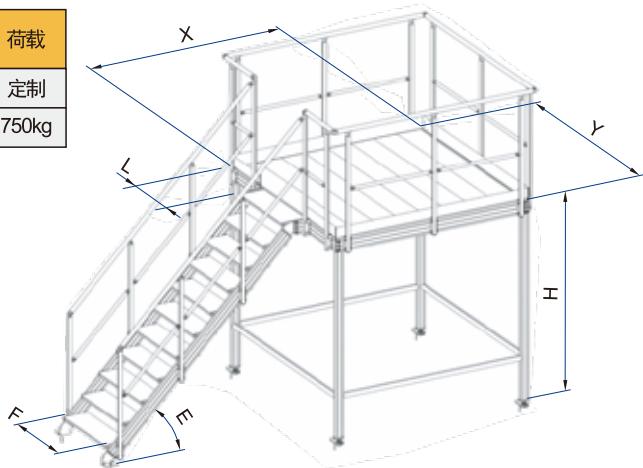
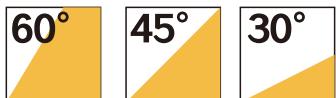
一层产品A

One layer product A

下图为一层产品的示意图，尺寸标注如图所示，其中E有30度、45度与60度三种角度可选择，其他X、Y、H、L、F均可自定义其中X、Y最大为6000mm, H最大可为6000mm。

The following figure is a sketch of single-layer products. The dimension is shown in the figure. E has three angles of 30 degrees, 45 degrees and 60 degrees. Other X, Y, H, L, F can be customized. X and Y are 6000mm maximum, and H can be 6000mm max.

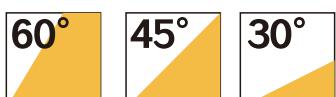
	E	H	X	Y	L	F	荷载
定制	定制	定制	定制	定制	定制	定制	定制
基本型	45°	2000mm	2000mm	2000mm	560mm	800mm	750kg



多层产品B

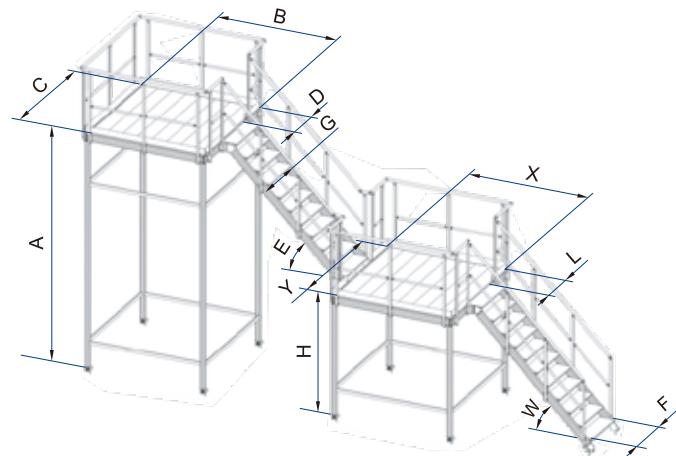
Multi-layer product B

	W	E	A	B	C	D	G	荷载
定制	定制	定制	定制	定制	定制	定制	定制	定制
基本型	45°	45°	4000mm	2000mm	2000mm	560mm	800mm	750kg



下图为多层产品的示意图，尺寸标注如图所示，其中W与E分别有三种规格:30°、45°与60°，另A、B、C、D、G均可自定义，其中B、C、X、Y最大为6000mm, A最大可为6000mm.

The following figure is a sketch of single-layer products. The dimension is shown in the figure. W and E have three specifications: 30 degrees, 45 degrees and 60 degrees. and A, B, C, D, G can be customized. of which B, C, X and Y are 6000mm maximum, and A is 6000mm max.

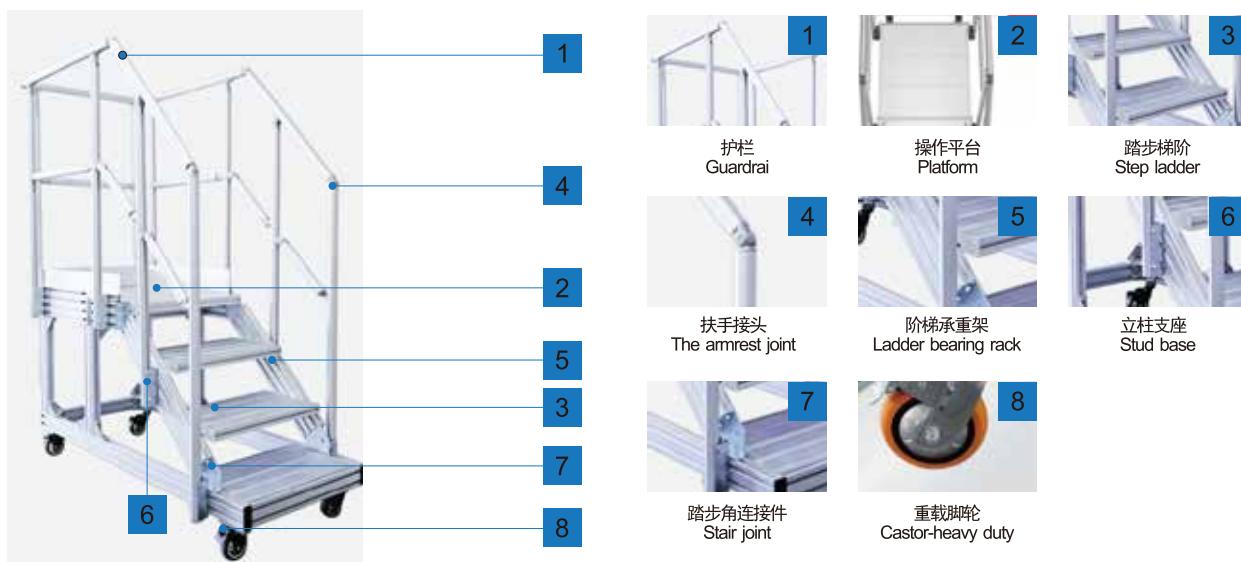


多功能登高车C型

Multi-function boarding trolley-C type

在保证安全的前提下，辅助完成高处作业，提高生产效率，及时解决问题。

Under the premise of ensuring safety, assist in the completion of high-altitude operations and improve production efficiency. Solve problems in a timely manner.

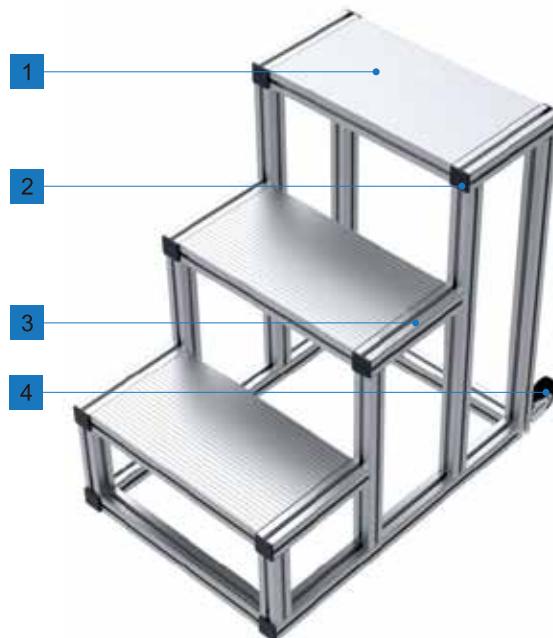


临时登高踏步D型

Temporary climbing platforms-D type

登高踏步可用于汽车检修，文件柜、货架登高以及各种维修、检验、抽样等临时登高作业。

Climbing platform can be used for car overhaul, file cabinets, shelves ascending And various temporary repairs such as maintenance, inspection, sampling, etc.



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铝型材

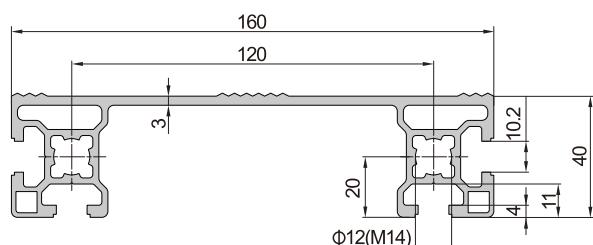
Aluminum Profile - - - - - Page 12-15

附件

Accessories - - - - - Page 16-27

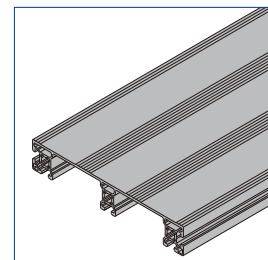
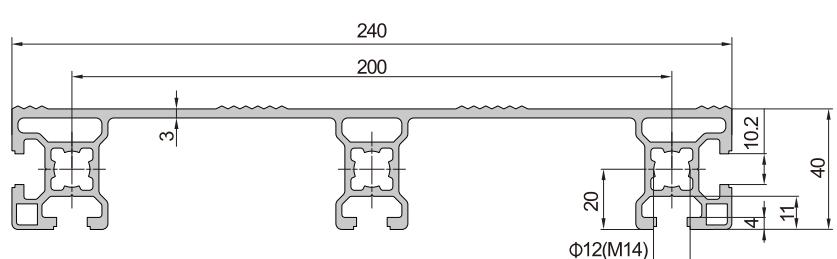
铝管Φ 40 1槽 Aluminum Tube Φ 40 1slot 	铝管Φ 40 2槽 Aluminum Tube Φ 40 2slots 	阶梯踢脚板型材 Footrail Profile 20x120 	阶梯型材 40系列 40x160 4槽 Stepped Profile Pg40 40x160 
阶梯型材 40系列 40x240 5槽 Stepped Profile Pg40 40x240 5slots 	型材40系列40x40 4槽 Strut Profile Pg40 40x40 4slots 	型材40系列40x80 6槽 Strut Profile Pg40 40x80 6slots 	型材40系列40x120 6槽 Strut Profile Pg40 40x120 6slots 
型材 40系列40x120 8槽 Strut Profile Pg40 40x120 8slots 	型材 40系列40x160 10槽 Strut Profile Pg40 40x160 10slots 	踏步角连接件 Stair Joint 	踏步梯级 Step Ladder 
支撑角件 Support Comet 	立柱支座 Strut Base 	护栏接头 Guardrail Joint 	扶手接头 The Armrest Joint 
立柱接头 Stud Connectors 	板夹块 Panel Mounting Block 	隔断支脚 Base Plate 	金属微调支脚 Pivot Foot 
板支脚 Baes Angle 	重载脚轮 Castor-Heavy Duty 	手摇支架 Hand Drive Support 	

阶梯型材 40系列 40x160 4槽
Stepped Profile Pg40 40x160



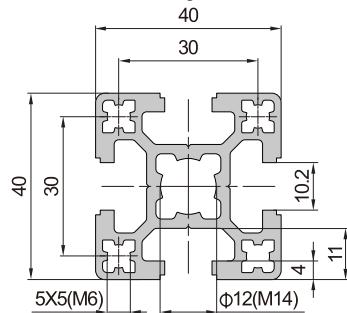
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阶梯型材 40x160 4槽 Stepped Profile 40x160 4slots	22.6	421.8	11.3	52.7	3.35	IPS.AP.40160.04

阶梯型材 40系列40x240 5槽
Stepped Profile Pg40 40x240 5slots



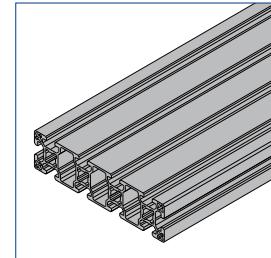
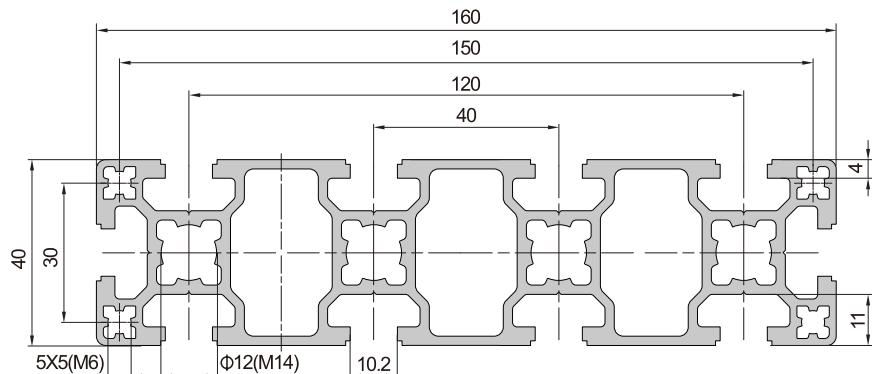
产品描述 Description	惯性矩Ix(cm ⁴) Moment of Inertia	惯性矩Iy(cm ⁴) Moment of Inertia	弯矩Wx(cm ³) Moment of Resistance	弯矩Wy(cm ³) Moment of Resistance	重量 (kg/m) Mass	订购编号 Part No.
阶梯型材 40x240 5槽 Stepped Profile 40x240 5slots	32.2	1176.7	16.1	98.1	4.8	IPS.AP.40240.05

型材 40系列40x40 4槽
Strut Profile Pg40 40x40 4slots



产品描述 Description	惯性矩Ix(cm ⁴) Moment of Inertia	惯性矩Iy(cm ⁴) Moment of Inertia	弯矩Wx(cm ³) Moment of Resistance	弯矩Wy(cm ³) Moment of Resistance	重量 (kg/m) Mass	订购编号 Part No.
型材 40x40 4槽 Strut Profile 40x40 4slots	9.2	9.2	4.6	4.6	1.6	A.01.10.4040.04

型材 40系列40x160 10槽
Strut Profile Pg40 40x160 10slots



产品描述 Description	惯性矩Ix(cm ⁴) Moment of Inertia	惯性矩Iy(cm ⁴) Moment of Inertia	弯矩Wx(cm ³) Moment of Resistance	弯矩Wy(cm ³) Moment of Resistance	重量 (kg/m) Mass	订购编号 Part No.
型材40x160 10槽 Strut Profile 40x160 10slots	31.6	435.7	15.8	54.5	4.8	A.01.10.40160.10

踏步梯级

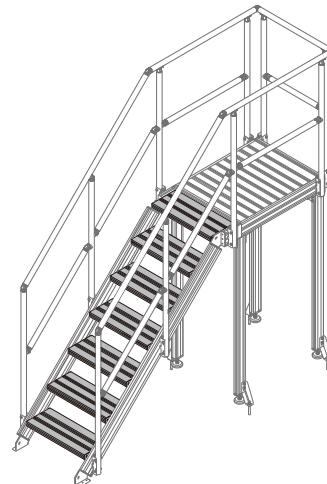
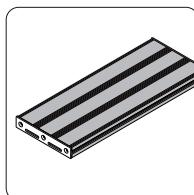
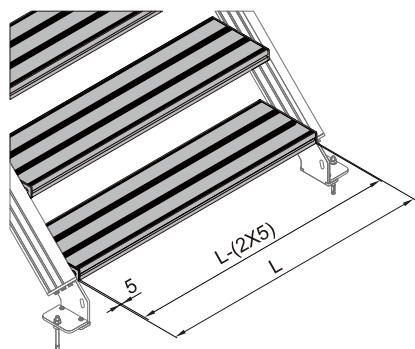
Step Ladder

踏步梯级主要由专用的、带有防滑线设计的40x160mm和40x240mm的踏步型材组成。

It is mainly composed of special 40x160mm and 40x240mm steps with anti-skid line design.

材质：铝合金

Material: aluminum alloy



产品描述 Description	W(mm)	L(mm)	订购编号 Part No.
40 L-10 L(600-1200mm)	160	600-1200	IPS.AC.SL.40160
	240	600-1200	IPS.AC.SL.40240
	320	600-1200	IPS.AC.SL.40320

备注: 成套供货 (含紧固件)

Note: 1. Offer per set (including the clamps and fasteners)

L值可根据客户要求定做 (600-1200mm)

ex: IPS.AC.SL.40160-1200


 L=1200mm
 Part No. 订购编号

支撑角件

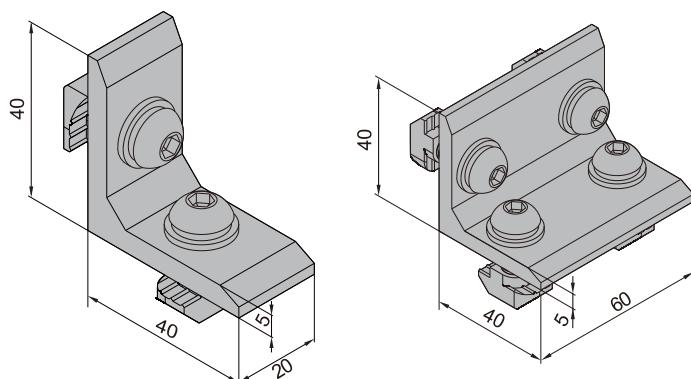
Support Corner

支撑角件和台阶间隔型材插入两块平台面板之间的槽轨中，使用户能够建立一个完整的表面。平台夹板会在平台面板之间形成10mm宽的间隙

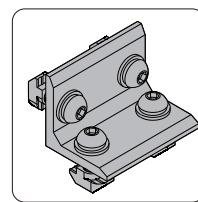
The support corner and the step spacer profile are inserted into the groove rail between the two platform panels, enabling the user to establish a complete surface. The platform splint creates a 10mm wide gap between the platform pane.

材质：铝合金

Material: aluminum alloy



FJ	Fastening Set
M8x16 Bolt	zinc plated
	M8 Spring Washer
	zinc plated
	M8 Flat Washer
	zinc plated
	M8 T Nut
	nickel plated



产品描述 Description	紧固组件 Fastening Set	重量 (g) Mass	订购编号 Part No.
支撑角件 Support Comer	2XFJ	35	IPS.AC.SC.4020
支撑角件 Support Corner	4XFJ	75	IPS.AC.SC.4060

扶手接头

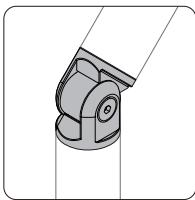
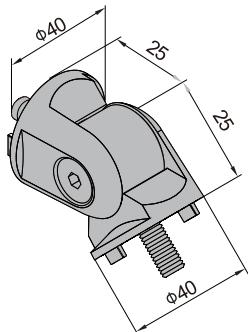
The Armrest Joint

扶手接头可以在扶手和支柱之间建立稳固的连接。

Hanrail joints provide a secure connection between the armrests and the struts.

材质：压铸铝合金

Material: die-cast aluminum alloy



FH	Fastening Set	PE	Fastening Set
	M6x25 Bolt zinc plated		M6x16 Bolt zinc plated

产品描述 Description	紧固组件 Fastening Set	重量 (g) Mass	订购编号 Part No.
扶手接头 The Armrest Joint	2XFH+2XPE	110	IPS.AC.AJ.01

立柱接头

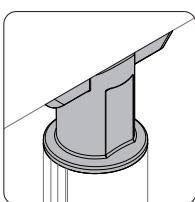
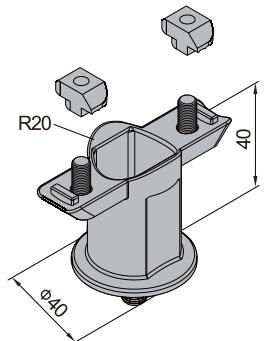
Stud Connectors

立柱接头可以在扶手和支柱之间建立稳固的连接。

Stud connectors provide a secure connection between the handrail and the struts.

材质：压铸铝合金

Material: die-cast aluminum alloy



W	Fastening Set	FG	Fastening Set
	M6x25 Bolt zinc plated M8 Spring Washer zinc plated M8 Washer zinc plated		M6x16 Bolt zinc plated M6 T Nut nickel plated

产品描述 Description	紧固组件 Fastening Set	重量 (g) Mass	订购编号 Part No.
立柱接头 Stud Connectors	1XW+2XFG	80	IPS.AC.SC.01

板夹块

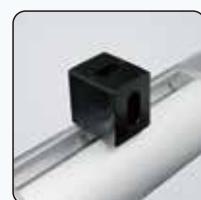
Panel Mounting Block

板夹块用于板材与型材的连接，不同的夹面适合不同厚度的板材。

Panel Mounting Block are used for the connection of plates and different facets are suitable for plates of different thickness.

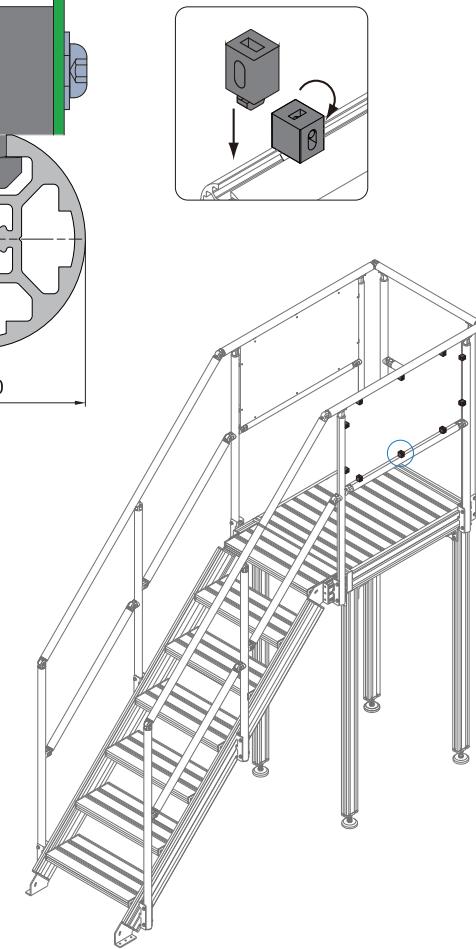
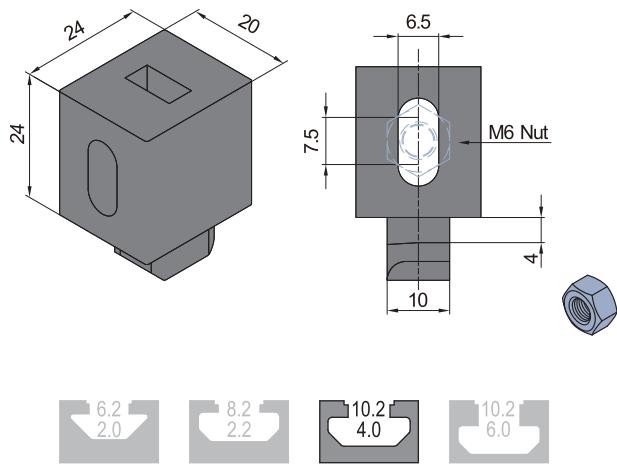
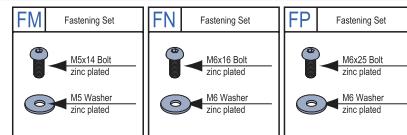
材质：夹板-PVC 螺母-不锈钢 颜色：夹板-黑色

Material: Clamp-PVC nut-stainless Color: mounting block-Black



板夹块-10-4

Panel Mounting Block -10-4



产品描述 Description	型材系列 PG	紧固组件 Fastening Set	重量 (g) Mass	订购编号 Part No.
板夹块-10-4 (单个供货) Panel Mounting Block -10-4 (pcs)	PG40		15.8	F.02.10.04
板夹块-10-4 (成套供货) Panel Mounting Block -10-4 (set)	PG40	1XFP	23.8	F.02.10.04.ST

隔断支脚

Base Plate

隔断支脚用于型材的底部支撑，使用膨胀螺栓置于地下更能提高稳定性。

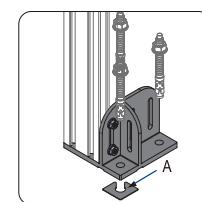
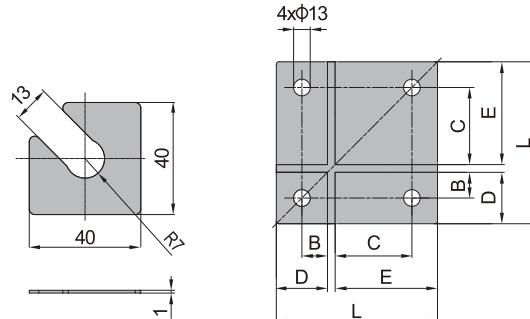
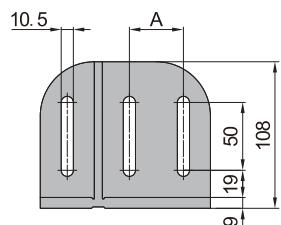
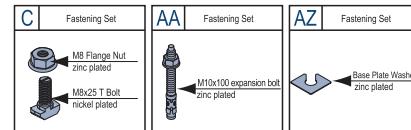
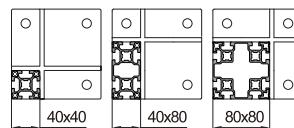
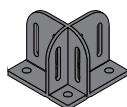
To support strut profile at the bottom. Expansion bolts chocked into floor can offer a high stability.

材质：碳钢 表面处理：黑色电泳

Material: cast steel Surface treatment: black electrophoresis.



隔断支脚-4080
Base Plate-4080



产品描述 Description	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	紧固组件 Fastening Set	重量(g) Mass	订购编号 Part No.
隔断支脚-4080 (单个供货) Base Plate-4080(pcs)	126	40	20	60	40	80	2XAZ	1930	E.01.4080
隔断支脚-4080 (成套供货A) Base Plate-4080(setA)	126	40	20	60	40	80	4XC+3XAA+2XAZ	2240	E.01.4080.STA
隔断支脚-4080 (成套供货B) Base Plate-4080(setB)	126	40	20	60	40	80	6XC+3XAA+2XAZ	2290	E.01.4080.STB
隔断支脚-4080 (成套供货C) Base Plate-4080(setC)	126	40	20	60	40	80	8XC+3XAA+2XAZ	2340	E.01.4080.STC
隔断支脚垫片 / Base Plate Gasket A								9	E.01.01

隔断支脚垫片

Base Plate Gasket

隔断支脚垫片用于地面不平，调整型材与地面垂直度。

To adjust the degree of vertical profile and uneven ground.

隔断支脚

Base Plate

隔断支脚用于型材的底部支撑，使用膨胀螺栓置入地下更能提高稳定性。

To support strut profile at the bottom. Expansion bolts chocked into floor can offer a high stability.

材质：碳钢 表面处理：黑色电泳

Material: cast steel Surface treatment: black electrophoresis.



● 隔断支脚垫片

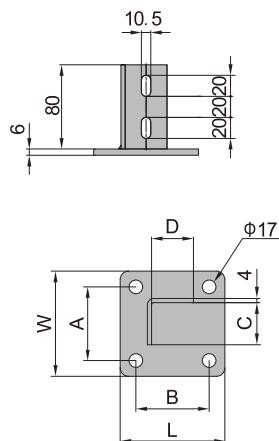
Base Plate Gasket

隔断支脚垫片用于地面不平，调整型材与地面垂直度。

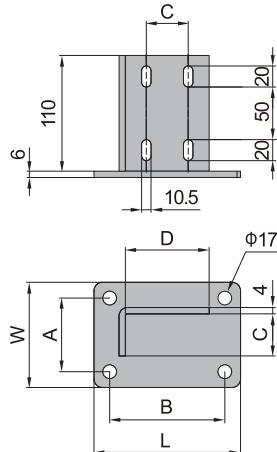
To adjust the degree of vertical profile and uneven ground.

C	Fastening Set	EQ	Fastening Set
	M8 Flange Nut zinc plated		M10x100 expansion bolt zinc plated

隔断支脚-4040
Base Plate-4040



隔断支脚-4080
Base Plate-4080



产品描述 Description	L (mm)	W (mm)	A (mm)	B (mm)	C (mm)	D (mm)	紧固组件 Fastening Set	重量 (g) Mass	订购编号 Part No.
隔断支脚-4040 (单个供货) Base Plate-4040(pcs)	100	100	70	70	40	40		629	E.02.4040
隔断支脚-4040 (成套供货) Base Plate-4040(set)	100	100	70	70	40	40	4xC+4xEQ	1275	E.02.4040.ST
隔断支脚-4080 (单个供货) Base Plate-4080(pcs)	140	100	70	110	40	80		753	E.02.4080
隔断支脚-4080 (成套供货) Base Plate-4080(set)	140	100	70	110	40	80	6xC+4xEQ	1400	E.02.4080.ST
隔断支脚垫片 / Base Plate Gasket A								9	E.01.01

金属微调支脚

Pivot Foot

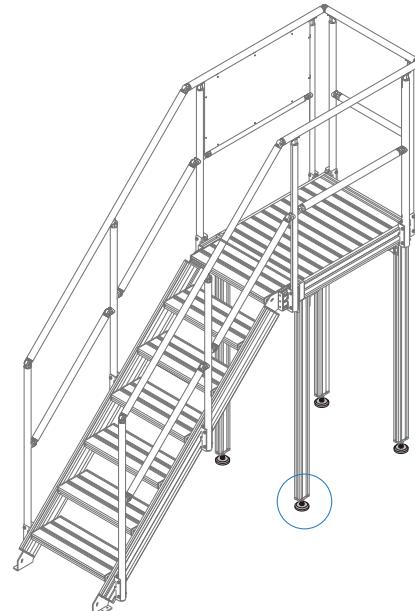
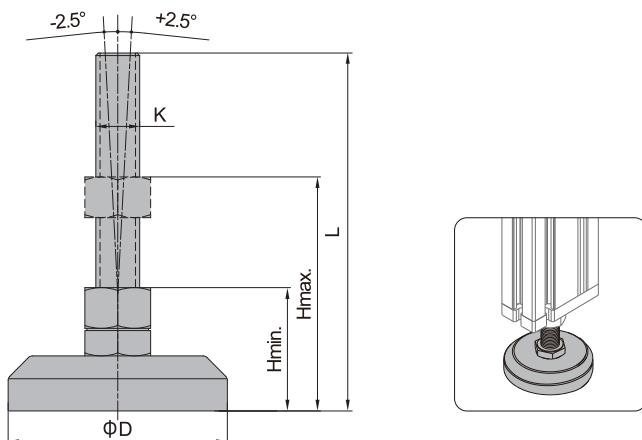
金属微调支脚用来支撑需要调整高度的框架结构，调节角度较小，适用于相对较平整的地面。

此支脚的牙杆和底盘可用工具拆分。

It is used to support the frame structure that needs to be adjusted in height, and the adjustment angle is small, suitable for relatively flat ground. The rod and chassis of this foot can be split by tools.

材质：碳钢镀锌/不锈钢

Material: carbon steel galvanized/stainless



产品描述 Description	D (mm)	KxL (mm)	H min (mm)	H max (mm)	Max.Static Load 最大静态载 (N)	重量 (g) Mass	订购编号 Part No.
金属微调支脚-碳钢镀锌 Pivot Foot-zinc plated steel	60	M16X158	45	120	20000	596	E. 06. 60. 16. 160
	60	M20X178	50	130	25000	796	E. 06. 60. 20. 180
	80	M16x158	45	120	20000	780	E. 06. 80. 16. 160
	80	M20x178	50	130	25000	945	E. 06. 80. 20. 180
金属微调支脚-不锈钢 Pivot Foot-Stainless steel	60	M16X158	45	120	20000	600	E. 06. 60. 16. 160. SS
	60	M20X178	50	130	25000	803	E. 06. 60. 20. 180. SS
	80	M16x158	45	120	20000	785	E. 06. 80. 16. 160. SS
	80	M20x178	50	130	25000	950	E. 06. 80. 20. 180. SS

板支脚

Base Angle

板支脚配合支脚，有辅助支撑的作用，使框架更加稳定牢固。

The base angles cooperate with the legs and have the function of auxiliary support to make the frame more stable and firm.

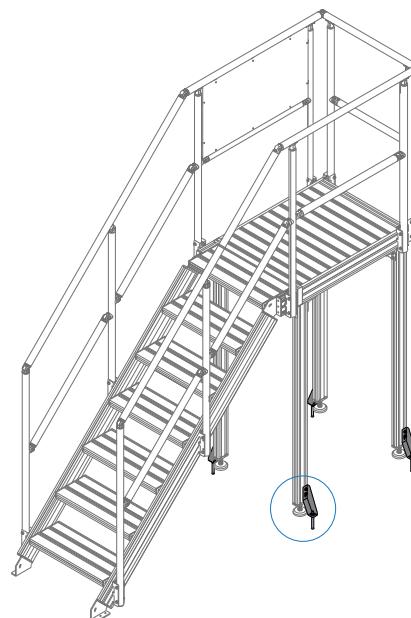
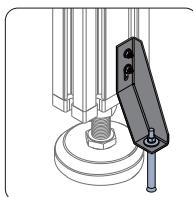
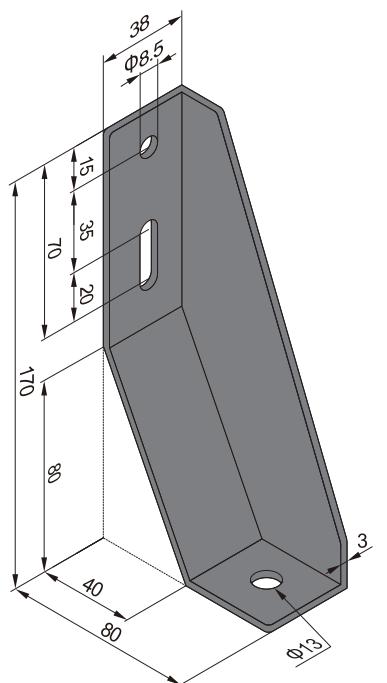
材质：碳钢 颜色：黑色电泳

Material: carbon steel Color: black electrophoresis



板支脚-左/右
Base Angle-Left/Right

C	Fastening Set
	M8 Flange Nut zinc plated
	M8x20 T Bolt nickel plated
AA	Fastening Set
	M10x100 expansion bolt zinc plated



产品描述 Description	紧固组件 Fastening Set	重量 (g) Mass	订购编号 Part No.
板支脚-左 (单个供货) Base Angle-Left (pcs)		346	E.12.L
板支脚-左 (成套供货) Base Angle-Left (set)	2xC+1xAA	443	E.12.L.ST
板支脚-右 (单个供货) Base Angle-Right (pcs)		346	E.12.R
板支脚-右 (成套供货) Base Angle-Right (set)	2xC+1xAA	443	E.12.R.ST
板支脚-左+右 (成对供货) Base Angle-L+R (Pair)		692	E.12.P
板支脚-左+右 (成对成套供货) Base Angle-L+R (set)	4xC+2xAA	886	E.12.P.ST

重载脚轮

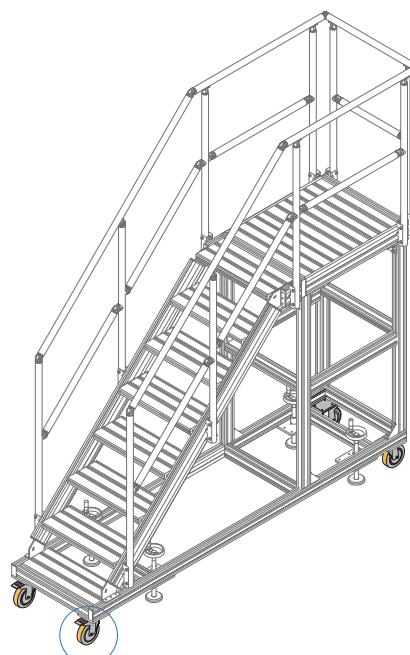
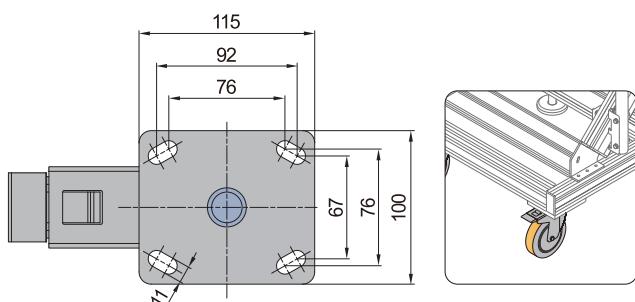
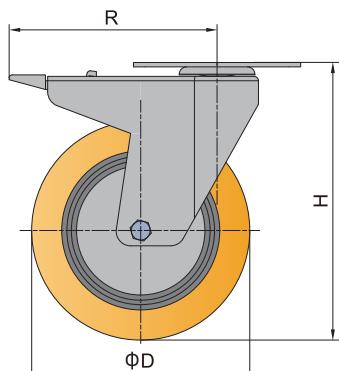
Castor-Heavy Duty

适用于频繁移动工作梯，承载能力强。

It is used for large platforms for frequently moving work ladders with strong carrying.

材质：PU 底座材质：碳钢镀锌

Material: PU Base material: carbon steel galvanized.



产品描述 Description	轮宽 Wheel Width(mm)	D	R	H	载荷 Load (N)	重量 (kg) Mass	订购编号 Part No.
重载脚轮 Castor-Heavy Duty	45	125	139	164	2900	2.64	IPS.AC.CH.125
	45	150	143	190	3500	2.94	IPS.AC.CH.150

手摇支架

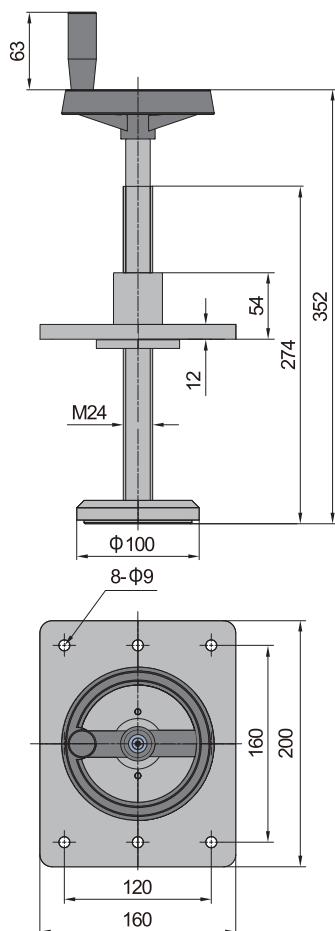
Hand Drive Support

适用于大型平台与移动工作梯，便于调整平台高度，承重能力强。

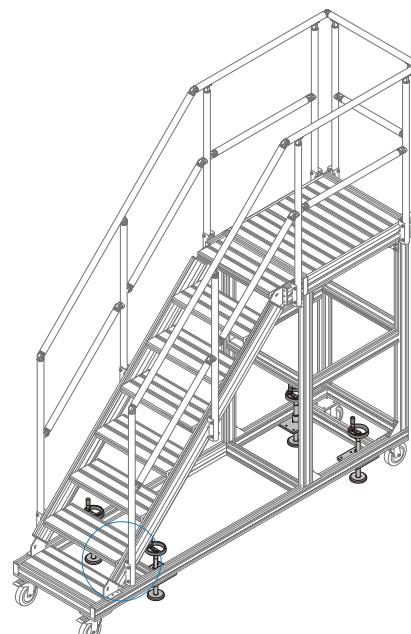
Suitable for large platforms and mobile work ladders, easy to adjust platform height, strong load bearing capacity.

材质：碳钢镀锌

Material: carbon steel galvanized.



J	Fastening Set
M6x25 Bolt	zinc plated
M6 Spring Washer	zinc plated
M6 Washer	zinc plated
M6 T Nut	nickel plated



产品描述 Description	紧固组件 Fastening Set	重量 (kg) Mass	订购编号 Part No.
手摇支架 Hand Drive Support	6xJ	5.35	IPS.AC.HD.40

阶梯平台系统主要由专用的踏步型材和扶手组成，由于其模块的特性，可以和工业组装系统的部件配合使用，且有三种角度30°，45°和60°来满足客户对于空间的不同需求。

Stair and platform system is mainly composed of step profiles and flexible handrails allowing a complete modular design. It is compatible with the components from Modular Assembly Systems due to its flexibility, three pitches of 30°, 45° and 60° available to satisfy different request.

阶梯平台系统的技术参数： A型 B型 C型 D型

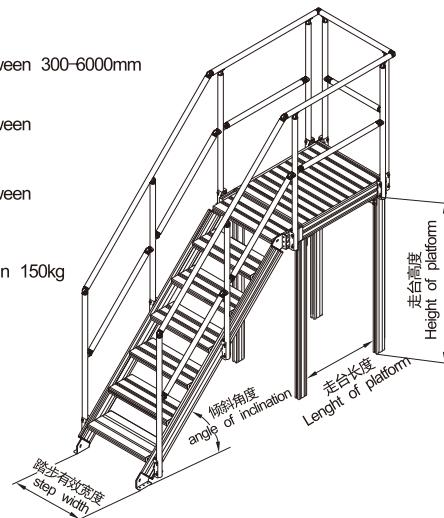
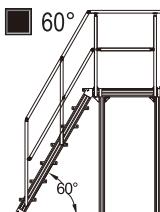
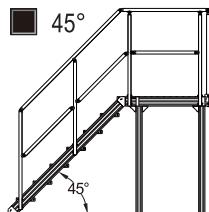
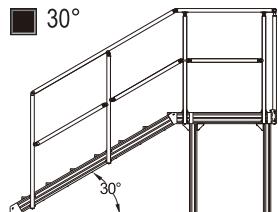
Basic technical data of platform :

走台长度 (mm) 建议数值在300-6000mm范围之内
Length of platform(mm) Recommended value should be between 300-6000mm

走台高度 (mm) 建议数值在500-3000mm范围之内
Width of platform(mm) Recommended value should be between 500-3000mm

踏步有效宽度 (mm) 建议数值在600-1280mm范围之内
Usable width of step(mm) Recommended value should be between 600-1280mm

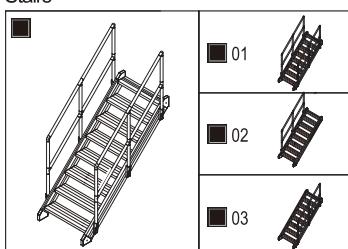
踏步负载 (kg) 建议数值在150kg范围之内
Load capacity of step(mm) Recommended value should be within 150kg



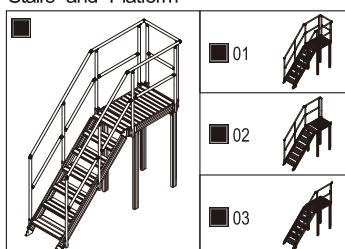
阶梯平台扶手形式：

Handrail of stair and platform :

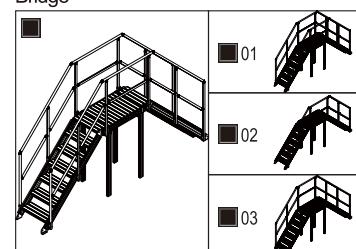
楼梯
Stairs



楼梯走台
Stairs and Platform



过线桥
Bridge



日期Data	页码Page
M	D /

阶梯平台系统询价单/Inquiry List of SPS

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部门/Department		
电话/Tell		
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