FOUR OVERALL SOLUTIONS FROM AOTTO

- ★ OVERALL SOLUTIONS FOR COLD PROCESSING AUTOMATION
- ★ OVERALL SOLUTIONS FOR HOT PROCESSING AUTOMATION
- ★ OVERALL SOLUTIONS FOR SAFETY GUARDING SYSTEM
- ★ INTELLIGENTLY GRAB STANDARD PRODUCTS

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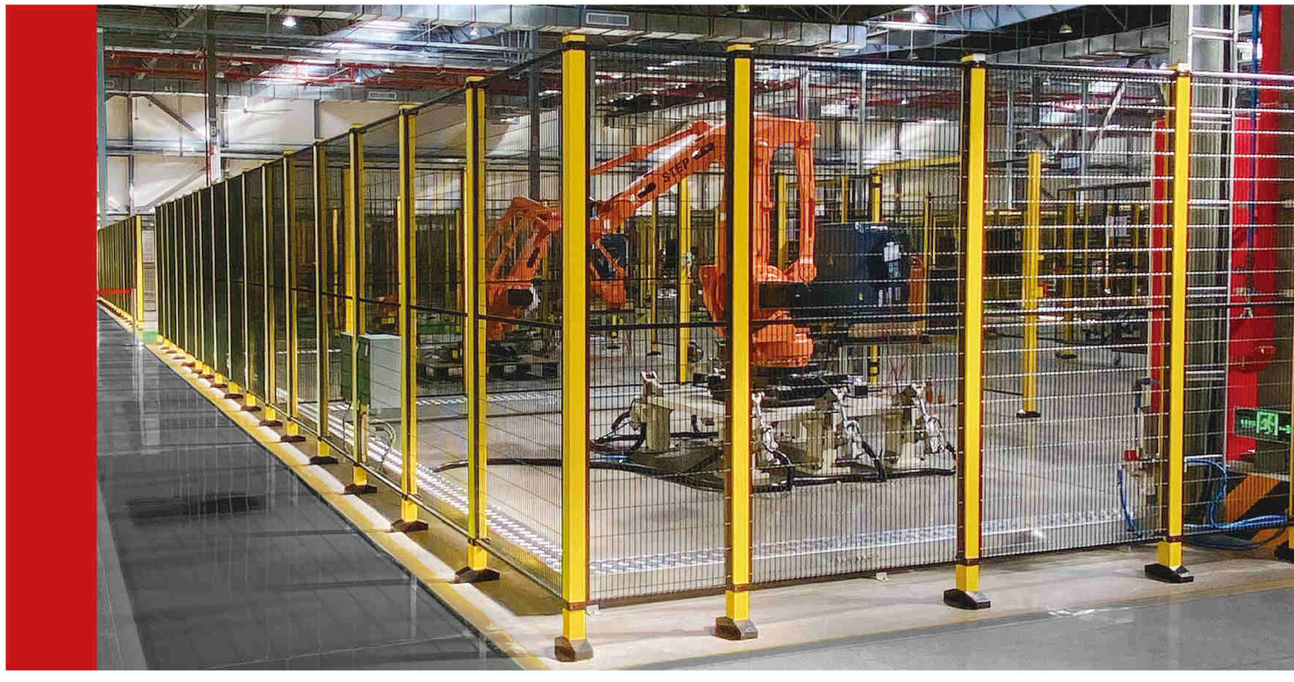
Ver. 2026-07

Aosaff

OVERALL SOLUTIONS FOR SAFETY GUARDING SYSTEM



Jinan Aotto Technologies Co., Ltd.

Since 2000

Aotto

Aotto

Focusing on providing comprehensive and high - quality automation integration services for the stamping industry .

Aosaff

Providing safety guarding turnkey solutions.

Aosaff safety fence focus on designing and manufacturing of robot and automatic production line safety guarding fence, regards“devoting to innovation and fine workmanship manufacture”as product orientation and development target, and provides complete solutions and outstanding service of automatic safety guarding to the customers.

Awiz

The expert in the integration of stamping production intelligent factory.

Aovita

Regarding “being professional, fine and exquisite” , and making efforts in creating the first brand in tooling industry.

Atrey

Provide customers with Hi-End laser cutting devices and services.

CONTENTS

Aosaff Safety Guarding Assisted Selection System 01
Steel Panel & Column Protection 02
60*60 Steel Fence 03
40*60 Steel Fence 05
60*60 Hinged Door (Single/Double Open) 07
60*60 Suspension Door (Single/Double Open) 08
60*60 Sliding Door (Single/Double Open) 09
Frameless Panels Series 11
Framed Panels Series 12
40*60 Hinged Door 13
40*60 Sliding Door 14
40*60 Suspension Door 15
Lock 16
Flexible Barrier 17
Other Products 19
Certification Qualification 20
Product Standards 21
Quality Testing 22
Project Cases 23
We & World 27

Aosaff SAFETY GUARDING ASSISTED SELECTION SYSTEM

Aiming at the design and development of the fence,realizing "special software for special purpose", and reducing the repetitive labor of the designer.This system realizes integration and high efficiency, and has been granted with software copyright.

Efficient fence arrangement and optimization algorithm, reduce customer costs.

Express requirements quickly,save design time. Generate the fence details and quick order according to the scheme.

The system can automatically generate the corresponding 2D or 3D model,reduce the repetitive work of designers,the whole process is quick efficiently.

Create an exclusive plan for customers with our standard fences.

STEEL PANEL AND COLUMN PROTECTION

3 Delivery
3 working days
Non-standard product delivery time please call consultation

Product advantages

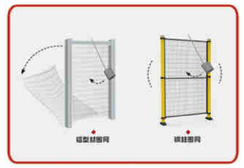
◆ Cost-effective

Features:
1. The price of steel fence is about 50% of that of aluminum.
2. Surface spray treatment, green and fashion.

◆ Short delivery time

Features:
Fully automated production process, product standardization, modularization, short delivery cycle.

◆ Good security



Features:
1. High welding strength/ the impact resistance is 3 times of that of aluminum.
2. Heavy load type link, firm and reliable.

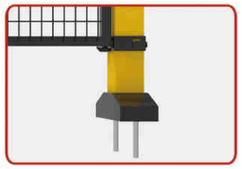
◆ Quick installation and short construction period

① Quick installation

Features:
1. Increase the efficiency by 200%.
2. The height is easy to adjust, and all the fences can be flush.
3. Mesh can be connected all around the column, making installation convenient and flexible.

② Anchor & expansion bolt

Features:
1. In the case of satisfying the rigidity of the overall fence, unnecessary installation holes are reduced, and the installation efficiency is high.
2. Using expansion bolts, the fixing is firmer and not easy to loosen.



60*60 SERIES

Suitable for production line protection in automotive,logistics,building materials,paper making,home appliances,injection molding,new energy and other industries,in line with GB,CE and ISO standards.The surface of the product is sprayed with plastic,providing both safety and aesthetics.

20 series standard panel

Width(mm)	Height(mm)	Kilogram(Kg)	Height(mm)	Kilogram(Kg)	Height(mm)	Kilogram(Kg)	Height(mm)	Kilogram(Kg)
500	1000	3.47	1200	4.02	1800	6.04	2000	6.59
600		3.89		4.49		6.70		7.30
700		4.37		5.02		7.46		8.12
800		4.79		5.49		8.12		8.84
900		5.22		5.97		8.79		9.55
1000		5.69		6.50		9.54		10.37
1100		6.12		6.97		10.21		11.08
1200		6.84		7.44		10.88		11.80

60 series standard column

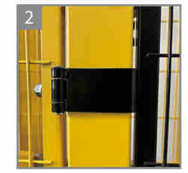
Height(mm)	Kilogram(Kg)
1200	4.03
1400	4.58
2000	6.23
2200	6.77

Technical parameter

Unit: mm

Panel Height	2000/1800/1400/1000
Panel Width	1200/1100/1000/900/800/700/600/500
Grid	20*100
Wire Diameter	3
Panel Square Tube	20*20*1.2
CColumn Square Tube	60*60*1.5
Column Height	2200/2000/1400/1200

ACCESSORIES



1 Snap ring

It is divided into upper/lower snap rings, so that the fence can be fixed on the column, and the height of the fence can be adjusted freely. A single clip can install four pieces of fence in different directions.

2 Special hinge (for door)

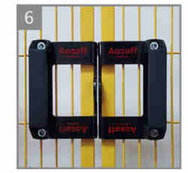
The patented product realizes the door opening effect through its hinge structure, which is more convenient to install and has higher strength.

3 60*60 Column plug

Used for the top of the column to play the role of dustproof and protection.

4 Dust cover

Used at the bottom of the column to play a role in dust prevention and protection.



5 Single door handle assembly

Used for opening and limit function of single door.

6 Double door handle assembly

Used for double door opening and padlock installation.

7 U-groove assembly:

Used for splicing and fixing of mesh.

8 Column heightening parts

Used for heightening and fixing of 60 series columns.

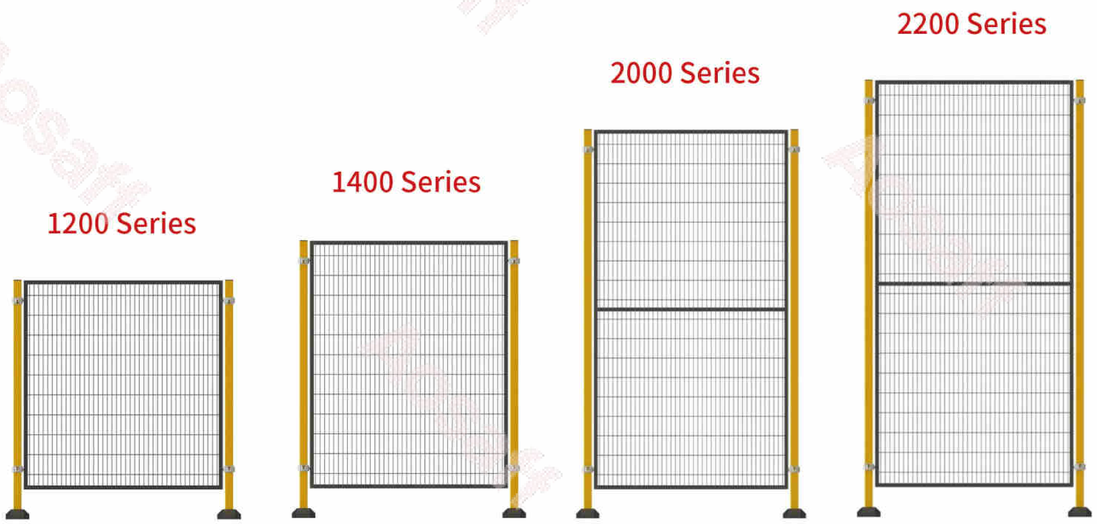
9 Casters

Used for the support of the security gate fence.

10 Three-section slide rail assembly

Used for guiding and supporting the suspension door.

40*60 SERIES



Suitable for production line protection in automotive,logistics,building materials,paper making,home appliances,injection molding,new energy and other industries,in line with GB,CE and ISO standards.The surface of the product is sprayed with plastic,providing both safety and aesthetics.

20 series standard panel

Width(mm)	Height(mm)	Kilogram(Kg)	Height(mm)	Kilogram(Kg)	Height(mm)	Kilogram(Kg)	Height(mm)	Kilogram(Kg)
500	1050	3.45	1250	4.15	1850	6.95	2050	7.85
600		4.14		4.98		8.34		9.42
700		4.83		5.81		9.73		10.99
800		5.52		6.64		11.12		12.56
1000		6.9		8.3		13.9		15.7
1200		8.28		9.96		16.65		18.84

40*60 series standard column

Height(mm)	Kilogram(Kg)
1200	3.1
1400	3.55
2000	4.9
2200	5.35

Technical parameter

Unit: mm

Panel Height	2000/1800/1400/1000
Panel Width	1200/1100/1000/900/800/700/600/500
Grid	20*100
Wire Diameter	3
Panel Square Tube	20*20*1.2
Column Square Tube	40*60*1.5
Column Height	2200/2000/1400/1200

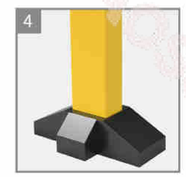
ACCESSORIES

1 40*60 Snap ring

It is divided into upper/lower snap rings, so that the fence can be fixed on the column, and the height of the fence can be adjusted freely. A single clip can install four pieces of fence in different directions.

2 40*60 Special hinge (for door)

The patented product realizes the door opening effect through its hinge structure, which is more convenient to install and has higher strength.

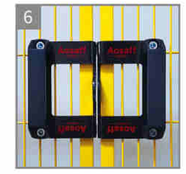


3 40*60 Column plug

Used for the top of the column to play the role of dustproof and protection.

4 40*60 Dust cover

Used at the bottom of the column to play a role in dust prevention and protection.



5 Single door handle assembly

Used for opening and limit function of single door.

6 Double door handle assembly

Used for double door opening and padlock installation.

7 U-groove assembly

Used for splicing and fixing of mesh.

8 40*60 Column heightening parts

Used for heightening and fixing of 60 series columns.

9 Casters

Used for the support of the security gate fence.

10 Three-section slide rail assembly

Used for guiding and supporting the suspension door.

60*60 HINGED DOOR (SINGLE/DOUBLE OPEN)

Product features : Modular design, easy installation.
Standard configuration of single-door : 1 set of handle assembly (single open), 1 set of casters.
Standard configuration of double-door : 2 sets of handle components (double open), 2 sets of casters.
Optional configuration : ground pin, high-end mechanical lock, safety lock + mechanical pin (see P16 for details).

Standard single hinged door

Opening width (mm)	Overall width (mm)	Column height (mm)			
800	950	1200	1400	2000	2200
1000	1150				
1200	1350				
1500	1650				

Standard double hinged door

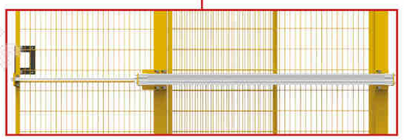
Opening width (mm)	Overall width (mm)	Column height (mm)			
1600	1760	1200	1400	2000	2200
2000	2160				
2400	2560				
3000	3160				

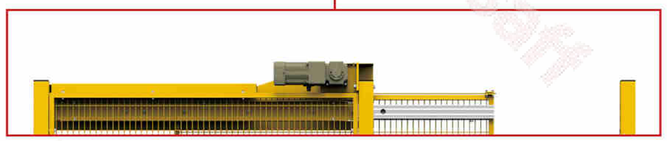
※ Customized services can be provided according to customer needs, 1200/1400 series without door beam.

60*60 SUSPENSION DOOR (SINGLE/DOUBLE OPEN)

Pneumatic suspension door

Electric suspension door





Product features : large opening, unlimited height, modular pre-installation, convenient installation.
Standard configuration of single-door : 1 set of handle assembly (double open), 2 sets of three-section slide rail modules, 1 set of casters.
Standard configuration of double-door : 2 sets of handle assemblies (double open), 4 sets of three-section slide rail modules, 2 sets of casters.
Optional configuration : ground pin, safety lock + mechanical pin (see P16 for details).

Standard suspension door Single/Double

Single-door opening width (mm)	Single-door overall width (mm)	Double-door opening width (mm)	Double-door overall width (mm)	Column height (mm)			
800	1840	1600	3530	1200	1400	2000	2200
1000	2240	2000	4330				
1200	2640	2400	5130				
1500	3240	3000	6330				

※ Pneumatic suspension doors, electric suspension doors, three-level suspension doors, etc. can be customized according to customer needs.

60*60 SLIDING DOOR (SINGLE/DOUBLE OPEN)

Product features : large opening, modular design, easy installation.
Standard configuration of single-door : one set of handle assembly (double open), one set of upper slide rail, one set of guide wheel bracket, and two sets of buffer block assembly.
The standard configuration of double-door : two sets of handle components (double opening), two sets of upper slide rails, two sets of guide wheel brackets, and two sets of buffer block components.
Optional configuration : ground pin, safety lock + mechanical pin (see P16 for details).

Standard suspension door Single/Double

Single-door opening width (mm)	Single-door overall width (mm)	Double-door opening width (mm)	Double-door overall width (mm)	Column height (mm)	
700	1850	1400	3530	2000	2200
800	2050	1600	3930		
900	2250	1800	4330		
1000	2450	2000	4730		
1200	2850	2400	5530		
1400	3250	2800	6330		
1500	3450	3000	6730		

※ Double rail sliding doors, floor rail sliding doors, etc. can be customized according to customer needs.

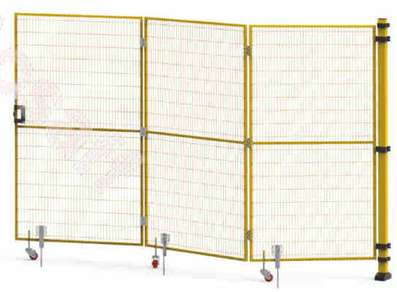
Heavy-duty sliding door

Product features : super wide opening, stable structure, customized on demand.
Standard configuration of double doors : two sets of handle components (double doors) and two sets of casters.
Optional configuration : ground pin, safety lock + mechanical pin (see P16 for details).

Standard double heavy-duty sliding door

Opening width (mm)	Overall width (mm)	Column height (mm)	
4000	11000	2000	2200
5000	13000		
6000	15000		

Folding door Single/Double



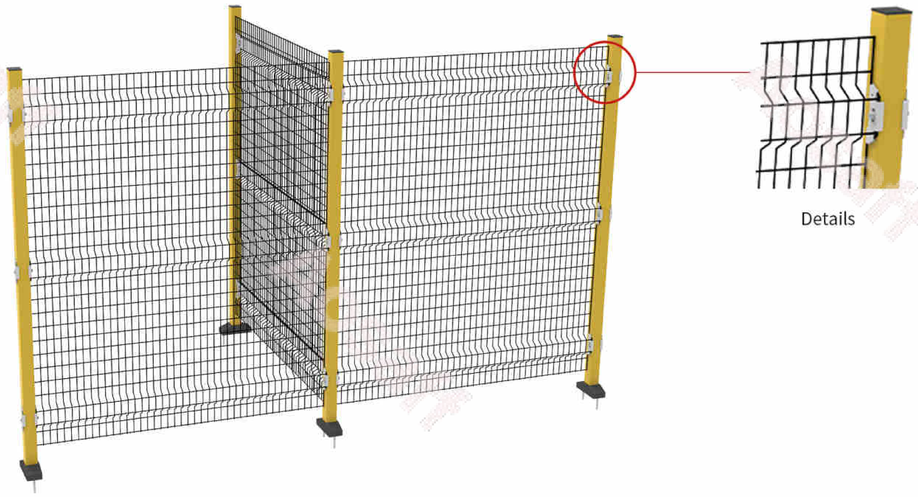
Product features: large opening, economical, customized on demand.
Standard configuration of single door: one set of handle assembly (single open), ground pin, caster (the number of sets varies according to the opening).
Standard configuration of double doors: two sets of handle components (double doors), anchor pins, casters (the number of sets varies according to the opening).

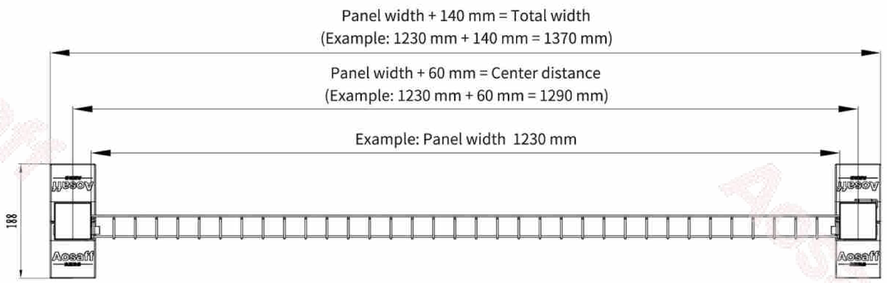
Standard folding door Single/Double

Single-door opening width (mm)	Single-door overall width (mm)	Double-door opening width (mm)	Double-door overall width (mm)	Column height (mm)			
3000	3175	6000	6205	1200	1400	2000	2200

CUSTOM CUT PANELS

Frameless Panels





Specifications (2000 mm Series)

Unit: mm

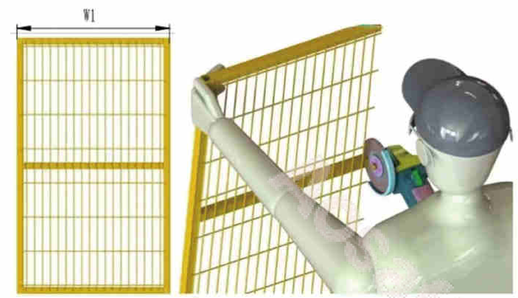
Post	Mesh Panel (W × H)		Wires	Grid (W × H)	Ground Clearance
60*60*2000	1230*1860	1510*1860	3	35*70	100-140 (Adjustable)

Features

- Trapezoidal bent mesh panels deliver superior strength compared to V-shaped panels.
- Powder-coated posts, mesh panels, and fittings for enhanced aesthetics.
- Uniform specifications enable easy and efficient installation.
- Short lead times and high cost-effectiveness.
- Ideal for warehousing, logistics, workshop partitions, and similar applications.

CUSTOM CUT PANELS

Framed Panels



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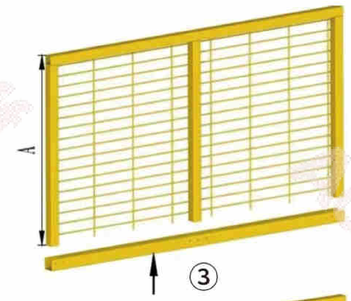

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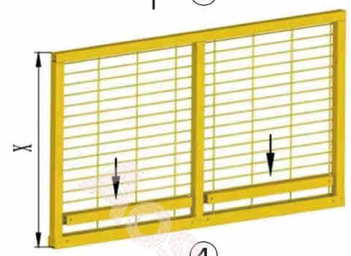

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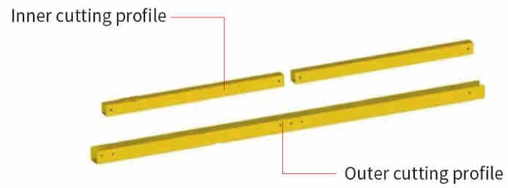


Cutting profile description

1.W1=Panel width

2.X=Customized Panel Width

3.A=With size after cut：X-5mm

Example: 730mm width of panel could be cut from 800mm width of panel; after cut, The overall width of panel is 725mm, and after added the cutting profile that comes out of 730mm width of panel.

⑤

⑥

⑦

⑧

40×60 HINGED DOOR

Product features : Modular design, easy installation.
Standard configuration of single-door : 1 set of handle assembly (single open), 1 set of casters.
Standard configuration of double-door : 2 sets of handle components (double open), 2 sets of casters.
Optional configuration : ground pin, high-end mechanical lock, safety lock + mechanical pin.

40*60 Hinged Door Single/Double

Single-door opening width (mm)	Single-door overall width (mm)	Double-door opening width (mm)	Double-door overall width (mm)	Column height (mm)		
700	885	1400	1585	1200	2000	2200
800	985	1600	1785			
1000	1185	2000	2185			
1200	1385	2400	2585			
1500	1685	3000	3185			

40×60 SLIDING DOOR

Product features : large opening, modular design, easy installation.
Standard configuration of single-door : one set of handle assembly (double open), one set of upper slide rail, one set of guide wheel bracket, and two sets of buffer block assembly.
The standard configuration of double-door : two sets of handle components (double opening), two sets of upper slide rails, two sets of guide wheel brackets, and two sets of buffer block components.
Optional configuration : ground pin, safety lock + mechanical pin .

40*60 Sliding Door Single/Double

Single-door opening width (mm)	Single-door overall width (mm)	Double-door opening width (mm)	Double-door overall width (mm)	Column height (mm)		
700	1730	1400	3300	1200	2000	2200
800	1930	1600	3700			
900	2130	1800	4100			
1000	2330	2000	4500			
1200	2730	2400	5300			
1400	3130	2800	6100			
1500	3330	3000	6500			

40×60 SUSPENSION DOOR

Product features : large opening, unlimited height, modular pre-installation, convenient installation.
Standard configuration of single-door : 1 set of handle assembly (double open), 2 sets of three-section slide rail modules, 1 set of casters.
Standard configuration of double-door : 2 sets of handle assemblies (double open), 4 sets of three-section slide rail modules, 2 sets of casters.
Optional configuration : ground pin, safety lock + mechanical pin.

40*60 Suspension door Single/Double

Single-door opening width (mm)	Single-door overall width (mm)	Double-door opening width (mm)	Double-door overall width (mm)	Column height (mm)		
700	1660	1400	3140	1200	2000	2200
800	1860	1600	3540			
900	2060	1800	3940			
1000	2260	2000	4340			
1200	2660	2400	5140			
1400	3060	2800	5940			
1500	3260	3000	6340			

※ Pneumatic suspension doors, electric suspension doors, three-level suspension doors, etc. can be customized according to customer needs.

LOCK

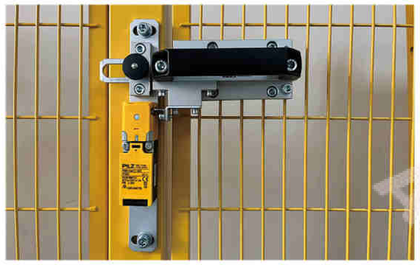
High-end mechanical lock

The appearance is high-end and elegant, which is convenient for permission management, and is widely used in storage scenarios.

Mechanical latch

Mechanical latch, knob positioning, can be used in combination with a variety of safety locks.

Cases



◀ Pilz security lock
Model:me4.2/4AS

Schneider safety lock ▶
Model:XCSA702+XCSZ01

◀ Pilz security lock
Model:me5s

Schneider safety lock ▶
Model:XCSE7312+XCSZ01

FLEXIBLE BARRIER

Flexible barriers made of imported polymer materials can absorb energy through deformation during impact and rebound to their original state after impact, protecting the safety of your personnel and property while greatly reducing daily maintenance costs.

Standard Flexible Barrier

Technical parameter Unit: mm

Barrier length	600-1800 (standard 1800/ CTC)
Barrier height	300/800/1100
Bollard outer diameter	125
Beam outer diameter	90
Capacity	1.5T、5 km/h
Product color	Yellow

Bollards

Technical parameter Unit: mm

Barrier height	500/800/1100
Bollard outer diameter	125/160
Capacity	1.5T、4km/h | 3T、4.5km/h
Product color	Yellow

Reinforced Flexible Barriers

Technical parameter Unit: mm

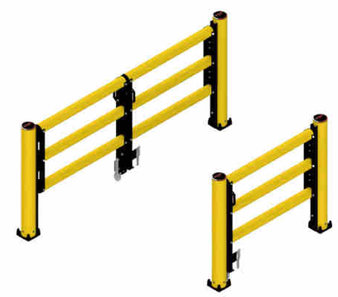
Barrier length	600-1800 (standard 1800/ CTC)
Barrier height	500/800/1200
Bollard outer diameter	125/160
Beam outer diameter	90/160
Capacity	3T、6km/h
Product color	Yellow

Ground Impact Barriers

Technical parameter Unit: mm

Barrier length	600-2000 (standard 2000)
Barrier height	155/190
Beam outer diameter	125/160
Capacity	1.5T、8km/h|4T、6.5km/h
Product color	Yellow

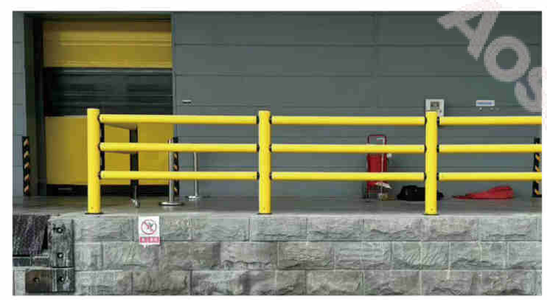
Traffic Gate



Technical parameter Unit: mm

Type Hinged	Gate | Self-closing Gate
Opening Width	500-1000 (Single Open) 1000-2000 (Double Open)
Center-to-Center Distance	700-1200 (Single Open) 1270-2270 (Double Open)
Height	1100
Bollard outer diameter	125
Beam Outer Diameter	90
Product color	Yellow

PROJECT CASE



OTHER PRODUCTS

Steel column PC board protection

Using colorless and transparent PC board, high light transmission, beautiful appearance, is the best choice for your product display, production line exhibition.

Steel column arc curtain protection

Adding arc-blocking curtains on the basis of the original safety protection can effectively prevent arc damage, a variety of color options make your welding workstation unique, high-quality, strong protection, and contribute to your safety career.

CERTIFICATION QUALIFICATION

CE authentication

Passed Intertek professional test and obtained EU CE certification.

intertek

Test Verification of Conformity

Verification Number: 210804079GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonised with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <there>.

Once compliance with all product relevant CE mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	**Jinan Aotto Automation Co., Ltd.** No.355, Huade Road, Jinan Economic Development Zone, Jinan City, Shandong Province, China
Product Description:	**Fence**
Ratings & Principle Characteristics:	See appendix pages
Model/Type References:	**AAW Series (Wire Mesh Fence)** **AAP Series (Polycarbonate Panel Fence)**
Brand Name:	**Aoutf**
Relevant Standards/Directives:	EN ISO 12100: 2010 Safety of machinery – General principles for design – Risk assessment and risk reduction EN ISO 14120:2015 Safety of machinery – Guards – General requirements for the design and construction of fixed and movable guards Machinery Directive 2006/42/EC
Verification Issuing Office Name & Address:	Intertek Testing Services (Shenzhen) Ltd. Guangzhou Branch Room 01, 6/ 101/F,201/F,301/F,401/F,501/F,601/F,701/F801 of Room 01 1-6/F., No. 7-2, Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	10 August, 2021
Test Report Number(s):	190531010GZU-001, 002, 003, 004 R1 dated Aug. 10, 2021.

Signature

Name: Michael Wang
Position: Assistant Technical Manager
Date: 10 August, 2021

Partial patent certificate

Powerful in production and R&D。

证书号第 8586758 号

实用新型专利证书

实用新型名称：一种可实现任意高度连接的快拆式围栏部件

发 明 人：李晓庆;宋永新

专 利 号：ZL 2018 2 1178394.X

专利申请日：2018 年 07 月 24 日

专 利 权 人：济南奥图科技有限责任公司

地 址：250000 山东省济南市高新区济南创新谷加速器建大会新产业基地 2 区 3 号楼 801 室

授权公告日：2019 年 03 月 15 日　　授权公告号：CN 208693029 U

国家知识产权局依照中华人民共和国专利法经过初步审查，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。专利权期限为十年，自申请日起算。

专利证书是专利权登记时的法律凭证。专利权转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长
申长雨

第 1 页 (共 2 页)

其他事项参见背面

ISO quality management system certification

ISO quality management system certification has been obtained.

DNV

MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the management system of

Jinan Aotto Automation Co., Ltd.

No.355 Huade Road, Jinan Economic Development Zone, Jinan, Shandong Province, P.R. China

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:

GB/T 19001-2016 / ISO 9001:2015

This certificate is valid for the following scope:
Design, Manufacturing, Sales, Commissioning and Service of Automation Equipment.
Design, Manufacturing, Sales and Installation Services of Security Fence.
Software Development and Services for Industrial Automation Manufacturing.
Design, Manufacturing, Sales, Commissioning and Service of Tooling (End of Arm Tooling)

Place and date:
Shanghai, 05 September 2024

For the issuing office:
DNV - Business Assurance
Building 1, Block B, No.1 Hongqiao Road, Changning District, Shanghai, China 200336

Zhu Xai Meng
Management Representative

DNV

Appendix to Certificate

Jinan Aotto Automation Co., Ltd.

Locations included in the certification are as follows:

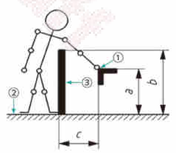
Site Name	Site Address	Site Scope
Jinan Aotto Automation Co., Ltd.	No.355 Huade Road, Jinan Economic Development Zone, Jinan, Shandong Province, P.R. China	Design, Manufacturing, Sales, Commissioning and Service of Automation Equipment. Design, Manufacturing, Sales and Installation Services of Security Fence. Software Development and Services for Industrial Automation Manufacturing.
Jinan Aotto Automation Co., Ltd.	No.422 Huade Road, Jinan Economic Development Zone, Jinan, Shandong Province, P.R. China	Design, Manufacturing, Sales, Commissioning and Service of Tooling (End of Arm Tooling)
Jinan Aotto Technologies Co., Ltd.	No.535 Huade Road, Jinan Economic Development Zone, Jinan, Shandong Province, P.R. China	Design, Manufacturing, Sales, Commissioning and Service of Automation Equipment. Design, Manufacturing, Sales and Installation Services of Security Fence. Software Development and Services for Industrial Automation Manufacturing.
Jinan Aotto Technologies Co., Ltd.	No.422 Huade Road, Jinan Economic Development Zone, Jinan, Shandong Province, P.R. China	Design, Manufacturing, Sales, Commissioning and Service of Tooling (End of Arm Tooling)
Jinan Aotto Technologies Co., Ltd.	Room 801, Building 3, Block 2, Jianda Neon Industrial Base, Jinan Innovation Valley Accelerator, Changqing District, Jinan, Shandong Province, P.R. China	Registered Address, No Activity

PRODUCT STANDARDS

GB23821-2022 Safety of machinery —Safety distances to prevent hazard zones being reached by upper and lower limbs

Reaching over protective structures —— High risk

Unit: mm



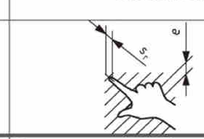
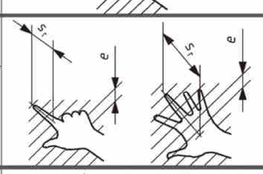
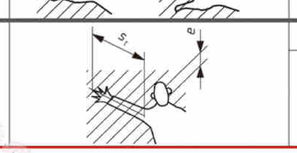
a -- height of hazard zone
b -- height of protective structure
c -- horizontal safety distance to hazard zone
① -- hazard zone (nearest point)
② -- reference plane
③ -- protective structure

Height of hazard zone a	Height of protective structure b									
	1000	1200	1400	1600	1800	2000	2200	2400	2500	2700
	Horizontal safety distance to hazard zone c									
2700	0	0	0	0	0	0	0	0	0	0
2600	900	800	700	600	600	500	400	300	100	0
2400	1100	1000	900	800	700	600	400	300	100	0
2200	1300	1200	1000	900	800	600	400	300	0	0
2000	1400	1300	1100	900	800	600	400	0	0	0
1800	1500	1400	1100	900	800	600	0	0	0	0
1600	1500	1400	1100	900	800	500	0	0	0	0
1400	1500	1400	1100	900	800	0	0	0	0	0
1200	1500	1400	1100	900	700	0	0	0	0	0
1000	1500	1400	1000	800	0	0	0	0	0	0
800	1500	1300	900	600	0	0	0	0	0	0
600	1400	1300	800	0	0	0	0	0	0	0
400	1400	1200	400	0	0	0	0	0	0	0
200	1200	900	0	0	0	0	0	0	0	0
0	1100	500	0	0	0	0	0	0	0	0

Notes : 1. Protective structures less than 1 000 mm in height are not included because they do not sufficiently restrict movement of the body.
2. Protective structures lower than 1 400 mm should not be used without additional safety measures.

Reaching through regular openings — Persons of 14 years of age and above

Unit: mm

Part of body	Illustration	Opening	Safety distance Sr		
			Slot	Square	Round
Fingertip		e ⩽ 4	⩾ 2	⩾ 2	⩾ 2
		4 < e ⩽ 6	⩾ 10	⩾ 5	⩾ 5
Finger up to knuckle joint		6 < e ⩽ 8	⩾ 20	⩾ 15	⩾ 5
		8 < e ⩽ 10	⩾ 80	⩾ 25	⩾ 20
Hand		10 < e ⩽ 12	⩾ 100	⩾ 80	⩾ 80
		12 < e ⩽ 20	⩾ 120	⩾ 120	⩾ 120
		20 < e ⩽ 30	⩾ 850 Note	⩾ 120	⩾ 120
Arm up to junction with shoulder		30 < e ⩽ 40	⩾ 850	⩾ 200	⩾ 120
		40 < e ⩽ 120	⩾ 850	⩾ 850	⩾ 850

The bold lines within the table delineate that part of the body restricted by the opening size.
Note : If the length of the slot opening is u 65 mm, the thumb will act as a stop and the safety distance can be reduced to 200 mm.

QUALITY TESTING

Impact test

According to ISO 14120-2015 standard, Can withstand 1600J impact force.

Color difference test

The color difference is measured by the instrument method in accordance with the provisions of the standards GB/T 11186.2-1989 and GB/T 11186.3-1989, and the sampling test is carried out by a spectrophotometer.

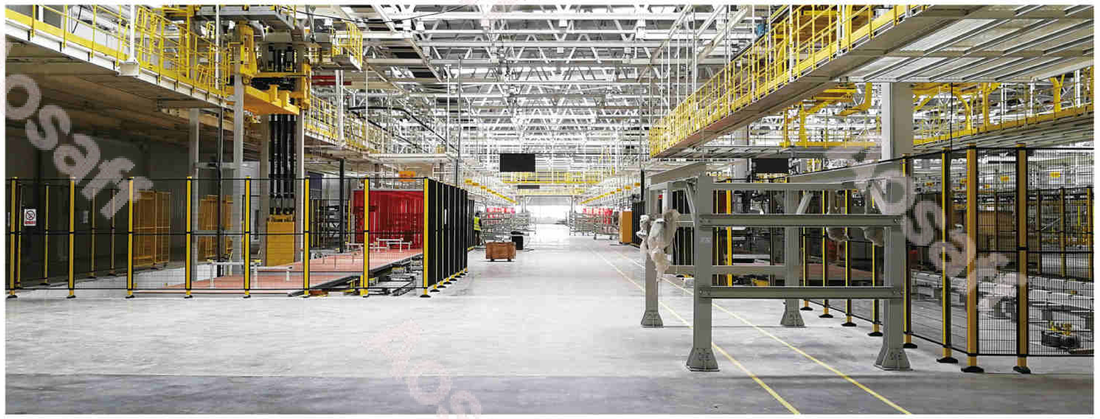
Spray layer thickness test

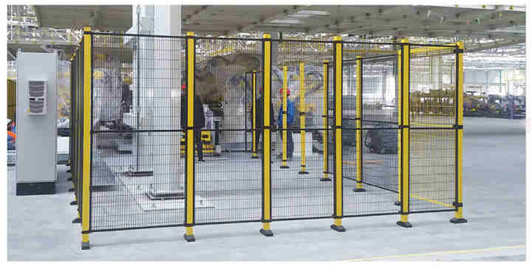
Spray layer thickness conform to GB/T 26941.1-2011 standard. The sampling inspection is done by thickness meter.

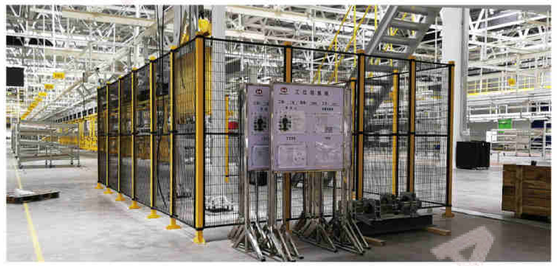
Salt mist

According to ISO09227 standard to do the corrosion resistance test.

PROJECT CASE | AUTOMOTIVE INDUSTRY SAFETY PROTECTION

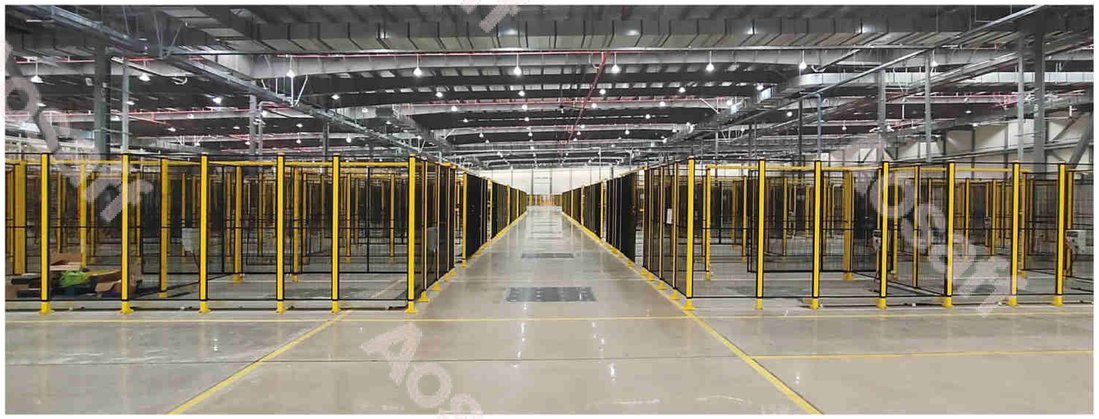






PROJECT CASE | NEW ENERGY BATTERY LINE SAFETY PROTECTION

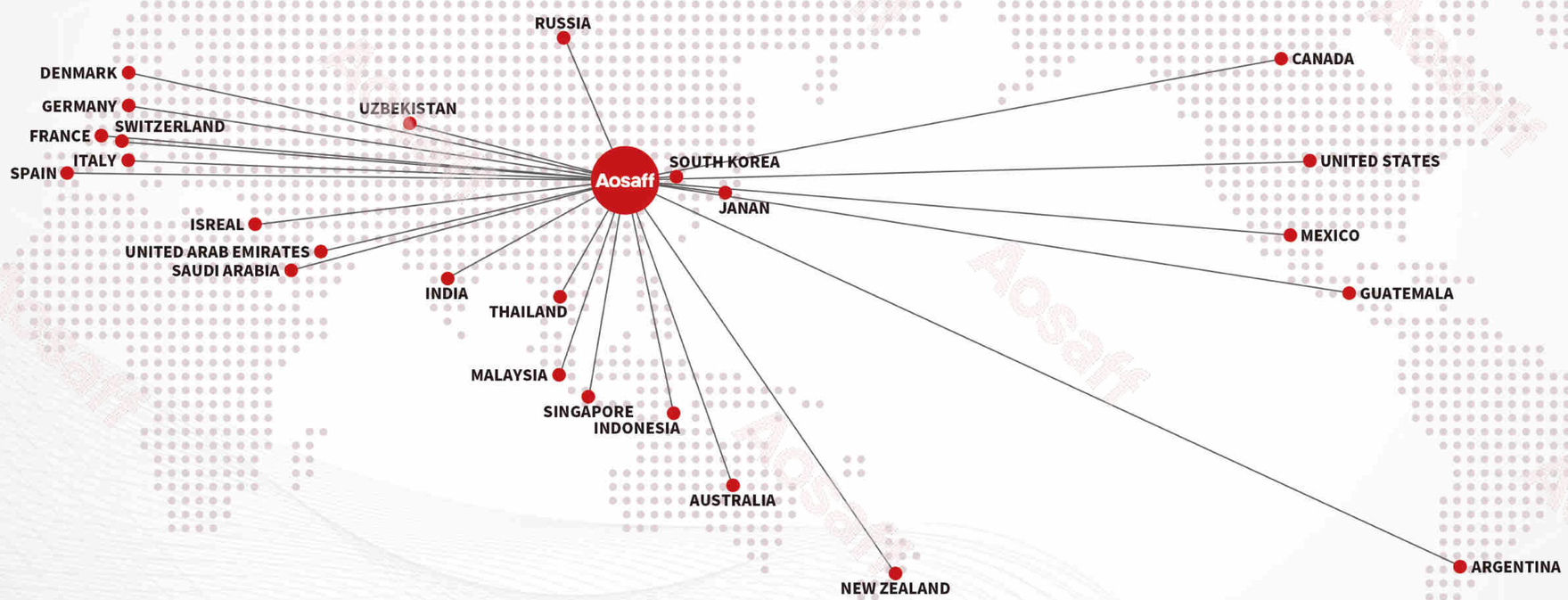
PROJECT CASE | WAREHOUSE LOGISTICS PROTECTION



PROJECT CASE | STEEL COLUMN & PC PLATE PROTECTION

PROJECT CASE | 40*60 STEEL FENCE PROTECTION

WE & WORLD



Aosaff safety fences are widely used in all walks of life, and stand out in the safety protection of new energy, robotics, warehousing and logistics, light industry, automobiles and other industries, and are exported to Germany, Japan, India, France, the United States, South Korea, Singapore In more than 20 countries, the world is getting smaller and smaller, and through high-quality products and services, we have become more and more intimate with our customers.

Aotto 1688 online store

Through the presentation of the text, pictures and videos on the e-commerce platform,the customers can know the product quickly and comprehensively. With online interaction, integral rebate and digital transaction services,the customer's procurement can become more easier and more affordance.

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