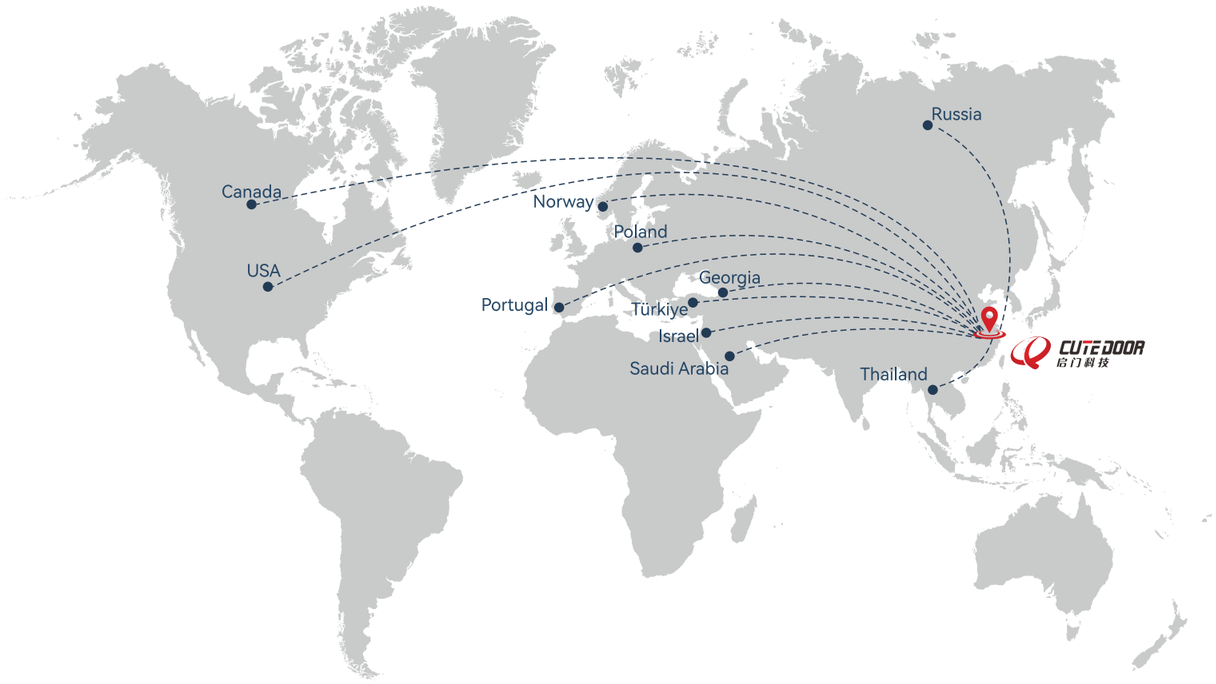

LOADING BAY EQUIPMENT
INDUSTRIAL DOOR

QM@
THE DOOR COMPANY
Since1996

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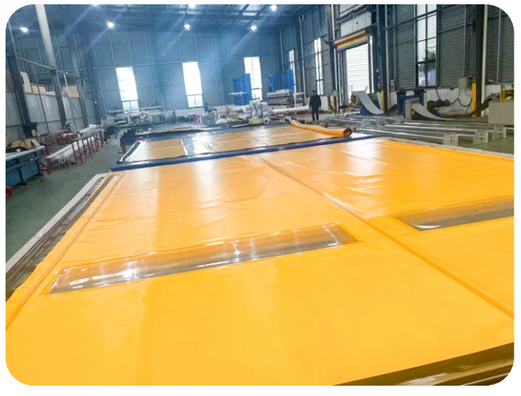
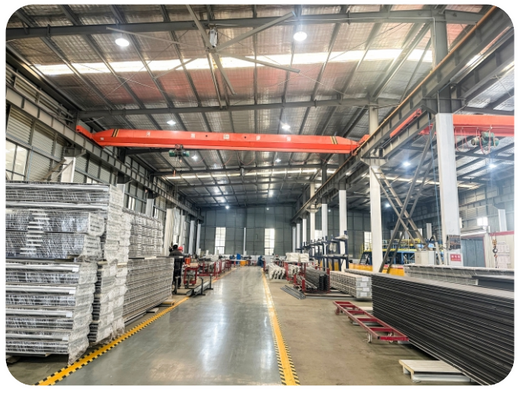




COMPANY PROFILE

Cutedoor was founded in 1996 and has been dedicated to the industrial door field for over three decades. Its headquarters is situated at the foot of the picturesque Moganshan Mountain in Deqing County, Zhejiang Province. leveraging on a modern industrial park covering 20,000 square meters, equipped with international advanced intelligent production lines, the company has developed into a municipal-level high-tech enterprise integrating R&D, production, sales and service. It has continuously provided safe, efficient and intelligent industrial door system solutions for customers both at home and abroad. Cutedoor are a marketing leader in industrial doors' solutions. One-stop solution for industrial doors filed.

Thanks to Cutedoor production and the high level of performance of its automatic production equipment, that it is able to apply the highest standards of organization and productivity, ensuring safety, quality and a service capable of responding to all industrial and logistical needs.

The main products of the company are: Industrial Sectional Door, Windproof large-width sectional door insulation sectional door, aluminum single sectional door, perspective sectional door, PVC high speed door, high speed spiral door, industrial sliding door, large flexible hangar doors, roller shutter door, dock leveler and dock shelter, logistic relevant products.

Cutedoor’s commitment to continuous quality improvement, from design to after-sales service, is also attested by the ISO9001 quality certification and CE certificates.

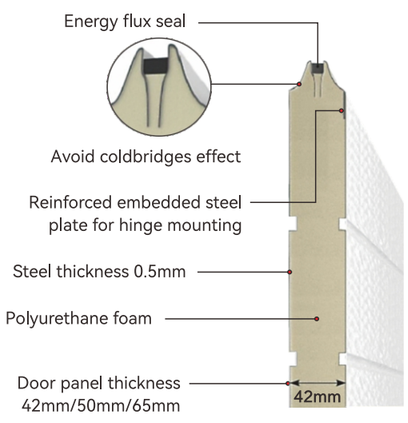
CORPORATE CERTIFICATE

CORPORATE CERTIFICATE

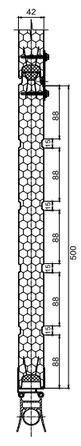
INSULATED SECTIONAL DOOR

QT-1

Adopt a fully automated continuous production line; The inner and outer door panels are made of steel plates or aluminum plates. The interior of the door panels is filled with environmentally friendly polyurethane foam material with a density of 48kg/m³. The height of each door panel is 500mm. The door panel surface can be selected according to the design requirements. To enhance the wind resistance of the entire door, reinforcing steel plates and strips are strategically placed at the door panel interfaces for reinforcement. At the connection points of each door panel, sealed rubber is installed to block the transfer of cold and heat and minimizing thermal damage. The wind pressure resistance strength of the door panel is≥750N/m³。

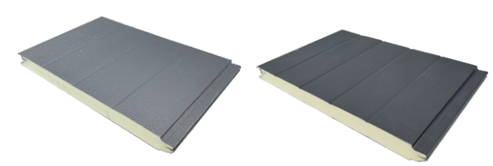


The uniformly distributed deep groove design makes it easier to install and position the side hinges, ensuring higher wind resistance of the door panel and better overall appearance of the joint seams.



Door panel

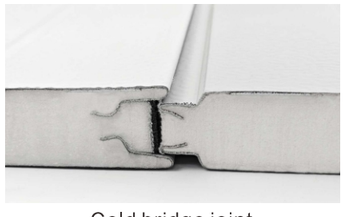
Colors can be customized according to the Pantone color chart based on different requirements



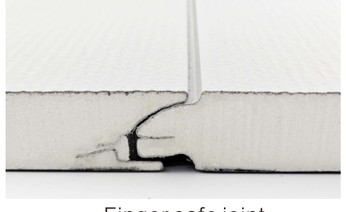
Door panel pattern

The door leaf is available in the Plain ,Stucco-textured , and Micrograin surface variants.

Door panel Joints types



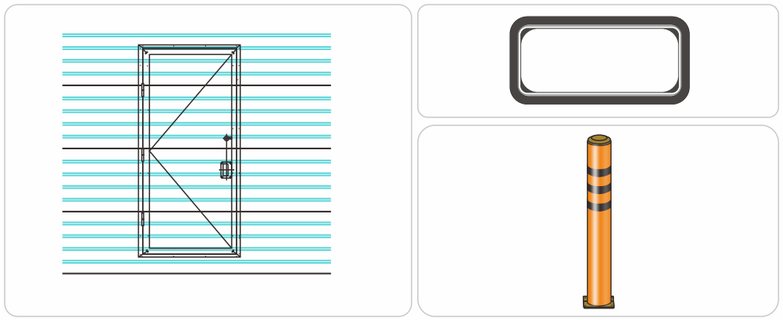
Cold bridge joint



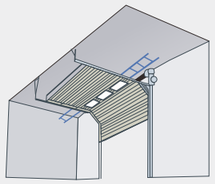
Finger safe joint

Hardwares

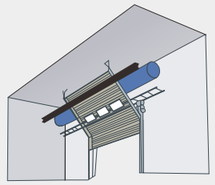
Optional Accessories



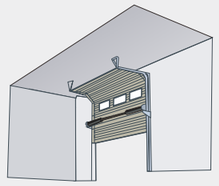
Safety device



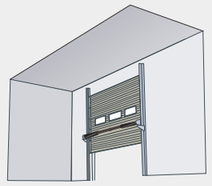
Standard lift



Inclined lift



Vertical and turn lift



Vertical lift

Parameter

Item	QT-1	
Material	42mm/50mm/65mm insulation 0.4/0.5mm zinc-galvanized steel plate	42mm/50mm/65mm insulation 0.6mm aluminum plate
Max.dimensions	W6000mm*H6000mm	
Opening/Closing speed	0.2m/s	
Vertical Track and Angle	2.0mm thickness folded steel, galvanized before cutting and folding.	
Driver	“Cutedoor” motor, Direct or via shaft or sprocket and chain driven by side-mountedmotor. IP54	
Windload	Class 3	
Bottom Profile	Threshold bottom EPDM seal with sensors as optional	
Hinges	Galvanized screwed hinges at sides and center	
Shaft	Torsion spring shaft with lateral load-bearing cables	

FULL VIEW TRANSPARENT SECTIONAL DOOR QT-10

Overview

Full view transparent sectional door is a modern, fashionable and special industrial doors, widely used in automobile 4S shops, equipment exhibition hall, shopping malls, firestation and other occasions, combines the characteristics of perspective and ascending, usually composed of aluminum profile and PC board, has high strength and good daylighting performance.

Product feature

With the help of a spring balance system and device, with a low-power drive system, it is composed of multiple door panels connected together and slides up and down along the tracks on both sides through rollers.

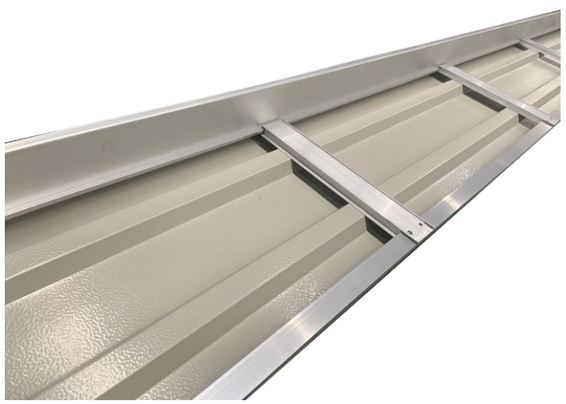
Parameter

Item	QT-10
Description	Transparent Overhead Sectional Doors
Door Panel	Full Transparent-Box pattern Aluminiumframe with both side Acrylic/ syntheticgla-zing.Semi Transparent -partly transparent&partly with PUF insulated panels
Width Max.	6000mm
Height Max.	8000mm
Opening/closing speed	Speed up to 2 m/s
Wind Resistance up to	Class 3
Driver	“Cutedoor” motor, Direct or via shaft or sprocket and chain driven by side-mountedmotor. IP54
Bottom Profile	Threshold bottom EPDM seal with sensors as optional
Hinges	Galvanized screwed hinges at sides and center
Shaft	Torsion spring shaft with lateral load-bearing cables

SINGLE SHEET PANEL SECTIONAL DOOR QT-2

Overview

Single sheet panel sectional door suitable for industrial logistics warehousing, professional dry warehouse loading and unloading areas, warehouses and buildings with wide door openings. It is light, firm, beautiful and elegant.



0.5-0.7mm optional single aluminum panel or colored steel panel

Parameter

Item	QT-2
Description	Single sheet panel sectiond door
Door panel material	0.6mm-0.7mm aluminum-magnesium alloy/color steel
Max dimension	W11500mm*H6000mm
Standard height	500 mm
Wind resistant performance	700 Pa
Opening and closing speed	0.25 m/s
Driver	"Cutedoor" motor, Direct or via shaft or sprocket and chain driven by side-mountedmotor. IP54
Bottom Profile	Threshold bottom EPDM seal with sensors as optional
Hinges	Galvanized screwed hinges at sides and center
Shaft	Torsion spring shaft with lateral load-bearing cables

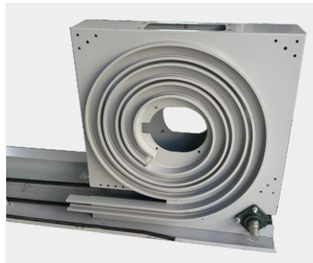
HARD SPIRAL HIGH SPEED ROLLING SHUTTER DOOR QF-3

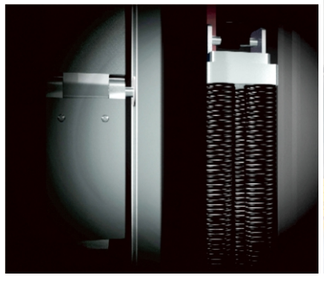
Overview

Hard spiral high speed rolling shutter doors suitable for equipment manufacturing enterprises, automobile manufacturing enterprises, food processing enterprises, fire protection, factory exterior doors, passage doors, large garage entrance and exit passage doors, etc.

The Hard spiral high speed rolling shutter door is a new type of metal high speed door with functions such as anti-theft, heat preservation, wind resistance, beauty and safety. It is mainly driven by the drive system to drive the rotating shaft, and then the chain disk on the rotating shaft pulls the chain. The chain pulls the fixed parts on the door panel, causing the door leaf to enter the spiral track, thus achieving high-speed opening and closing of the door body.

The automatic continuous production line for door panels is formed in one composite process, and the surface of the double-sided aluminum plates is pressed with stripes. The middle is filled with polyurethane foam material.





Parameter

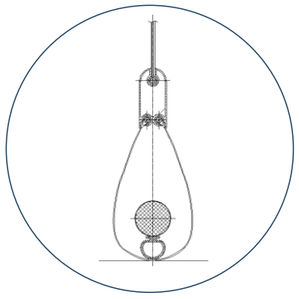
Item	QF-3
Opening/Closing Speed	Up to 0.6-1.3 m per second
Max Width*Height	W8500mm *H9000 mm
Wind Resistance	class 3
Temperature range	-35°C to +40°C (mounting side)
Extended seal	every panel
Curtain Slats	Insulated sandwiched Aluminium slats (40 × 185 mm)
Aluminium sheet thickness	0.6 mm
Color	RAL 9006(other color options)
Window	Polycarbonate solid transparent sheet
Driver	Variable freuency drive with soft start/soft stop and absolute encoder IP 54 , Server motor
Power	220V/380V 50HZ~60HZ

PVC HIGH SPEED DOOR QF-1

Overview

PVC high speed doors are widely utilized in various industrial manufacturing plants, workshop partitions, as well as in the food industry, pharmaceutical industry, automotive industry, etc. hese doors are characterizedby their energy-saving capabilities, high-speed opening and closing, and improved work efficiency, creating a better working environment.

Special profiles using material of aluminum alloy, with surface plastic spraying treatment; The bottom is made of curtain fabric to create a flexible ring-shaped sealing pocket. Even on uneven ground, the flexible sealing pocket can ensure a tight seal between the door leaf and the ground.



Product Feature

Due to its fast opening and closing speed, it can shorten the opening time of the entrance and exit, and minimize the air convection and heat exchange between different sections to the greatest extent.

Hardware parts

Wind-resistant support

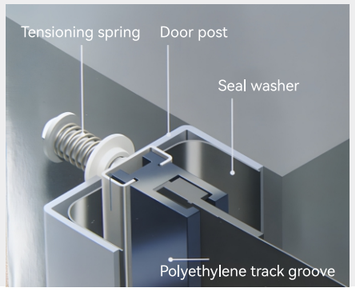
Track

ZIPPER PVC HIGH SPEED DOOR QF-2

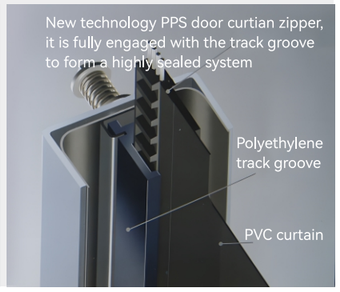
Overview

Zipper PVC high speed door is used in various industrial manufacturing plants, workshop partitions, as well as in the food industry, pharmaceutical industry, automotive industry, etc., and can highly meet the requirements of high-performance clean places.

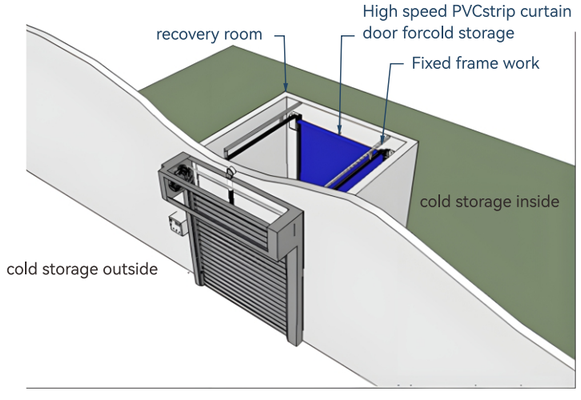
Side track



View of the curtain zipper



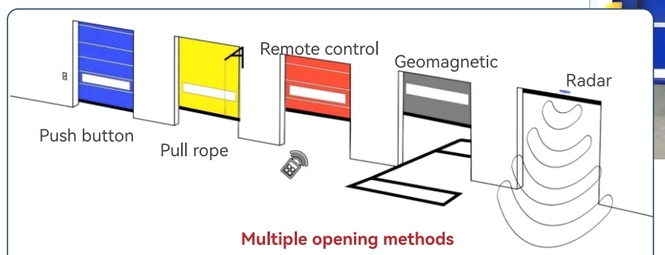
PVC INSULATED HIGH-SPEED DOOR MODEL QF-1-L



FOLDING UP PVC HIGH SPEED DOOR QF-4

Overview

Folding up PVC high speed door is used for outside of various industrial manufacturing plants, workshop partitions, as well as indoor and outdoor doors in the food industry, pharmaceutical industry, automotive industry, etc. It can meet the needs of customers with large openings and high requirements for wind resistance.

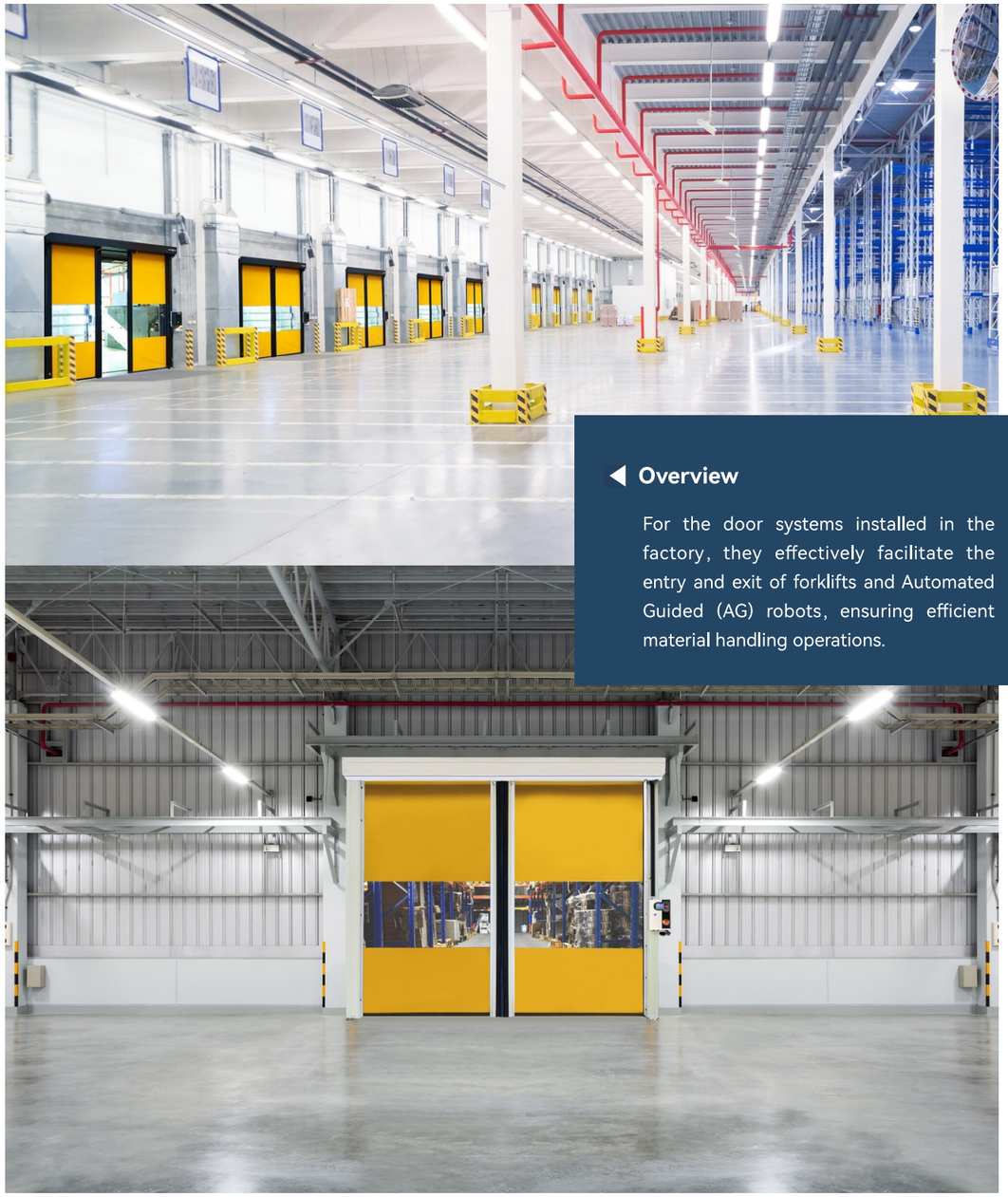


Multiple opening methods

Parameter

Item	QF-1	QF-2	QF-4
Description	High speed door	Zipper speed door	Folding-up Speed door
Max dimensions	W4000mm*H4200mm	W5000mm*H5000mm	W7000mm*H6000mm
Standard Door curtain	PVC Curtain 0.8mm+Aluminum alloy horizontal Rib	PVC Curtain 1.2mm	PVC Curtain 0.8mm +Aluminum alloy horizontal Rib+strap
Opening/closing Speed	0.8-1.2m / Sec. (Adjustable)	0.8-1.5m / Sec. (Adjustable)	0.5-0.8m/Sec.(Adjustable)
Standard Power supply	110V,220V,380V,400V/ 50-60HZ	110V,220V,380V,400V/ 50-60HZ	110V,220V,380V,400V/ 50-60HZ
Drive motor	Servo motor 0.75 - 1.5Kw. / IP 54	Servo motor 0.75 - 1.5Kw. / IP 54	Servo motor 1.5Kw-2.2kw. / IP 54
View Window	Optional	Optional	Optional
Top and track hood	Standard : Galvanized Steel	Standard : Galvanized Steel	Standard : Galvanized Steel
	Optional : 304 Stainless Steel	Optional : 304 Stainless Steel	Optional : 304 Stainless Steel
Side Track	2.0mm galvanized steel	2.0mm galvanized steel	2.0mm galvanized steel
Control Box	LCD display	LCD display	LCD display
Reinforce Girder	Brush	Rubber zipper +Aluminium Alloy	Brush
Wind Resistance	Class 2	Class 1	Class 2
Advised operating	- 5 °C up to + 45 °C	- 5 °C up to + 45 °C	- 5 °C up to + 45 °C

HORIZONTAL PVC HIGH SPEED DOOR QF-5



Overview

For the door systems installed in the factory, they effectively facilitate the entry and exit of forklifts and Automated Guided (AG) robots, ensuring efficient material handling operations.

LARGE FELEXIBLE HANGER DOOR

QF-4-D

Large felexible hanger doors can be designed with a single or double layer of base fabric. Generally, this door is composed of upper guide rails, lower guide rails, upper guide wheels, lower guide wheels, main columns, parallelogram hinge mechanisms, PVC curtain fabric, aluminum pressure strips, anti-fall components, etc. Door is safe and reliable, open the light, cover an area of an area small, light weight, no rail, wind resistance, sound insulation, thermal insulation, moisture-proof, dustproof, etc.

Applicable environment: mainly suitable for places with large door openings such as hangars, dry docks, sandblasting workshops, wind power generation, painting workshops, and large warehouses.

Opening and closing speed: open/close 4 to 9 m/min (according to the practical use environment decision, opening and closing speed can be adjusted by frequency converter or control panel, the value for reference). And it adopts a buffer or soft start design to effectively reduce the impact and noise on the reducer.

Frequency of use: opening and closing times for 10-100 times/day (depending on the hydrodynamic size decision) .

Security: low voltage 24 VDC control, infrared security protection (or screen), anticollision column, the perspective window, door curtain run warning lights flashing or voice alarm, pressure air bags (some options). The motor is equipped with a safety brake, which will automatically brake when the lifting stops and when the steel wire rope breaks. The door body is equipped with a steel wire rope anti-breakage lock. If the steel wire rope breaks accidentally, the door body will quickly get stuck at any position on the guide rail.

Open mode: button, wireless remote control, credit card, fingerprint, face recognition, such as open means, flexible door it is recommended to use push button switch manual control, ensure use safety.

Size: width: 8-140m height: 5 to 40m.

Safety

It usually adopts high-quality flexible materials, which have the characteristics of good toughness, impact resistance, and wind and sand resistance, and can provide basic safety protection

Windproof and heat preservation

The material of the door curtain has certain functions of heat preservation, heat insulation and wind prevention, and can play a certain role in temperature regulation in the cold winter or hot season.

Save space

When opened, the door curtain can be rolled up without occupying indoor or outdoor space, making it suitable for use in places with limited space.

SLIDING DOOR QS-1、QS-2

Sliding doors are generally flexible to open, have a large span, are noise-free, soundproof, heat-insulating, have strong wind resistance, are easy to operate, run smoothly and are not easy to be damaged. They are widely used in industrial plants, warehouses, yards, aircraft hangars and other places. According to different requirements, there are two operation modes available for selection: manual and electric.

Safety Device

Safety air bag: pressure wave switch, receiver (opetional), when the door is closed and encounters resistance, it opens in the opposite direction;

The relay: ensure the stability, reliability and safety of the power supply system for the main gate. It avoids faults such as sparking, power failure and phase loss caused by poor contact in the sliding contact line system.

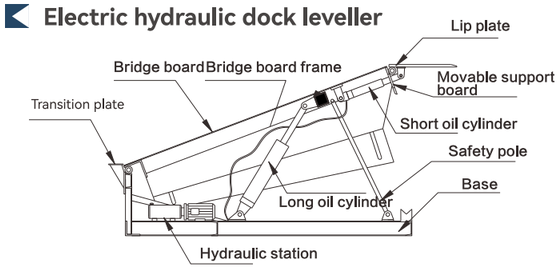
DOCK LEVELLER

The loading and unloading dock leveller is used to adjust the height difference between the vehicle and the loading and unloading platform, serving as a bridge between the vehicle and the loading and unloading platform, making them form a plane to achieve horizontal loading and unloading, allowing the forklift to complete the loading and unloading actions in one go and improving the loading and unloading efficiency.

HYDRAULIC DOCK LEVELLER QP-20

The device used to assist forklifts and other handling vehicles in passing through the loading and unloading platform and directly entering the interior of the trucks for batch loading and unloading of goods. Flap type hydraulic dock leveller suitable for most of the logistics warehouse using, its characteristic is in front of the lip plate can fold up and down. This design makes the application scenarios of the flap unloading platform relatively extensive, and there are no particularly strict requirements for the application scenarios.

Electric hydraulic dock leveller



Parameter

	Leveler Specifications	Leveler Width	Leveler Length	Leveler Height	Foundation Pit Width (W)	Foundation Pit Length (L)	Foundation Pit Depth (H)	Clapper Length
Hydraulic dock leveler	2000*2000mm	2000mm	2000mm	600mm	2030mm	2000mm	610mm	400mm
	2000*2500mm	2000mm	2500mm	600mm	2030mm	2500mm	610mm	400mm
	2000*3000mm	2000mm	3000mm	600mm	2030mm	3000mm	610mm	400mm
Telescopic dock leveler	2000*2500mm	2000mm	2500mm	700mm	2030mm	2500mm	710mm	1000mm
	2000*3000mm	2000mm	3000mm	700mm	2030mm	3000mm	710mm	1000mm
	2000*3500mm	2000mm	3500mm	700mm	2030mm	3500mm	710mm	1000mm

TELESCOPIC DOCK LEVELLER

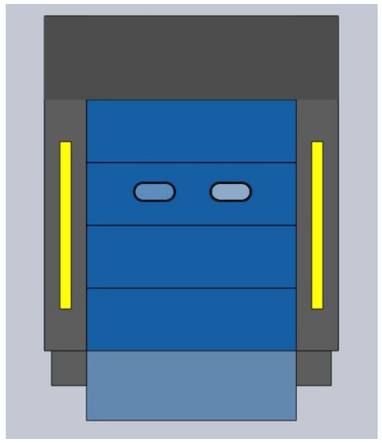
QP-20-S

Telescopic unloading platforms are widely used in 45° platforms, conventional cold storage facilities and some non-standard unloading operation areas. The main feature is to increase the unloading lap range.

DOCK SHELTERS

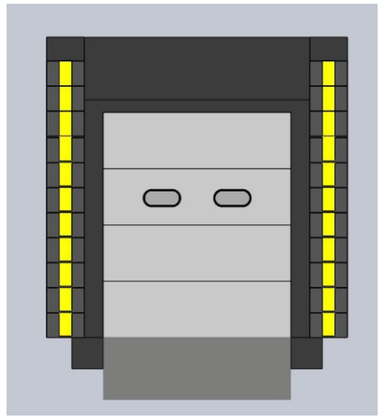
RETRACTABLE DOCK SHELTER
QP-30

Retractable dock shelters provide great weather protection. Resistance to moisture, to abrasion and to the ageing caused by sunlight.



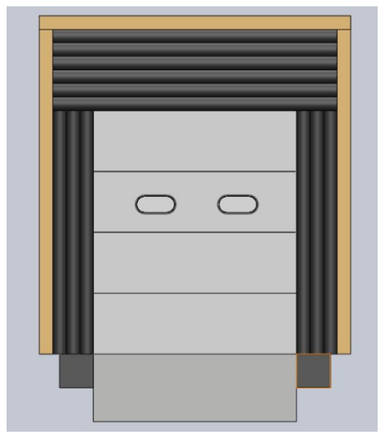
FOAM DOCK SHELTER
QP-30-H

Foam dock shelters structure is comprised of high-density polyurethane foam cushions covered in PVC that fully insulate the dock.Via The lorry's container is compacted against the foam cushions, which absorb friction, ensuring a great seal.



INFLATABLE DOCK SHELTER
QP-30-C

Inflatable Shelters are elastomeric tubes calculated to round out with the overview of a medium (usually air) to form a close-fitting barrier between a mounting and striking surface.



Dimensions

Canvas depth	600 mm
canvas height	1000 mm
Canvas color	Black
Front cover	PVC 3.0mm
Canvas side cover	PVC 0.8mm
Perimeter structure	Aluminium alloy

Canvas height	1000mm
Top hood	250mm*300mm
Signs on cushions:	Logo and yellow warning tape
Structrure material	Treated wood and galvanised steel
Canvas material	PVC 1.0mm
Foam material	300mm*250mm Polyurethane

Material	Cordura 1000
Average time of airbag inflation	20 Seconds
Width of side retractable	600mm
Width of top retractable	600 mm
Control panel protection rating	IP44
Resistance to cold	-35℃ ~ +70℃
Supply voltage	220V/380V, 50/60HZ

GARAGE DOOR

QT-1C

Overhead garage door is a type of garage door that assumes an overhead position once opened. They are suitable for commercial storefronts, garages, shopping malls, villa and home. Garage doors offer swift and effortless operation.

Parameter

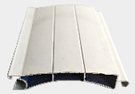
Item	QT-1C
Material	40mm/42mm insulation 0.36/0.4mm zinc-galvanized steel plate
Max.dimensions	W6000mm *H6000mm
Opening/Closing speed	0.2m/s
Vertical Track and Angle	2 inch track, 1.5mm
	zinc-galvanized before cutting and folding
Driver	Jackshaft Garage Door Opener
Windload	Class 3
Power supply Frequency	110V/220 50/60 Hz

ALUMINUM / STEEL ROLLER SHUTTER DOOR QJ-2&QJ-5

Available in hollow, polyurethane foam-insulated, and single-layer designs, these shutters feature an electrostatic powder-coated finish for superior weather resistance, anti-aging, rainproof, and corrosion-resistant properties. Ideal for industrial plants, retail stores, garages, and various other settings.

Aluminum alloy slats: Optional hollow type & insulated type (polyurethane foam filled)

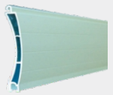
【Hollow】50 series



【Holow】77 series

【Thermw】55 series

【Thermal】95 serics



【Hollow】100 series

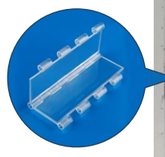
【Hollow】120 series

STEEL WIND-RESISTANT ROLLER SHUTTER DOOR QJ-1

Specially designed for coastal typhoon zones and high-wind sandy areas, this heavy-duty door is constructed from high-strength color-coated galvanized steel through a single cold-rolling process. It provides exceptional resistance against typhoons, prying, rain, cold, moisture, UV rays, and windblown sand, making it suitable for all types of architectural applications.

CRYSTAL TRANSPARENT ROLLER SHUTTER DOOR QJ-3

Crystal roller shutters are the ideal choice for commercial streets, banks, telecom facilities, subway stations, fashion boutiques, and villa balconies – any setting that values security, elegance, and modern sophistication. They are also well-suited for interior doors requiring high visibility. When closed, these shutters significantly reduce noise, creating a quiet working environment. Their transparent design ensures excellent visibility, enhancing safety and operational reliability in the workspace.



Parameter

Item	QJ-01
Max size	12m*12m
Position	Industrial/Commercial/resident
Colors	Customized Colors
Sealing	Bottom rubber
Surface	Power coating
Motor	400~1100 w
Operator	Control button + remote control
Thickness	0.8/1.0/1.2/1.4mm steel or 0.6/0.8mm double Aluminium

Item	QJ-2
Name	Roll shutter door
The maximum size	6m*6m
Material	Galvanized Steel
Thickness	0.8-1.2mm
Speed	0.6-0.8m/s
Color	Customized Color
Open style	Rolling
Position	Industrial/Commercial/resident