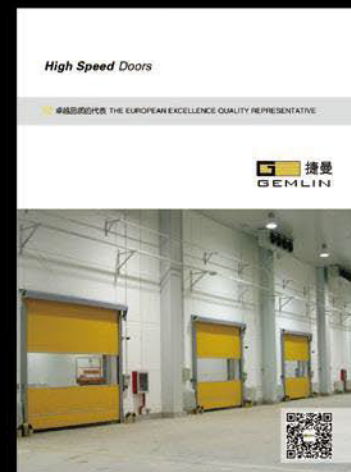
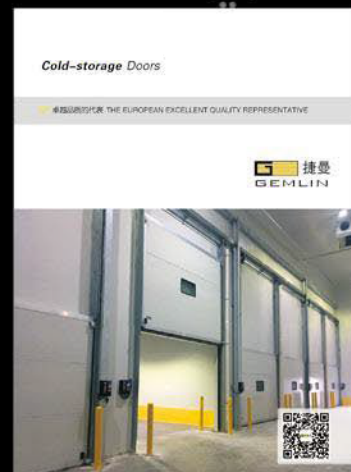


SECURITY • DURABLE • ECONOMIC



Logistics Loading / Unloading Systems

THE EUROPEAN EXCELLENCE QUALITY REPRESENTATIVE



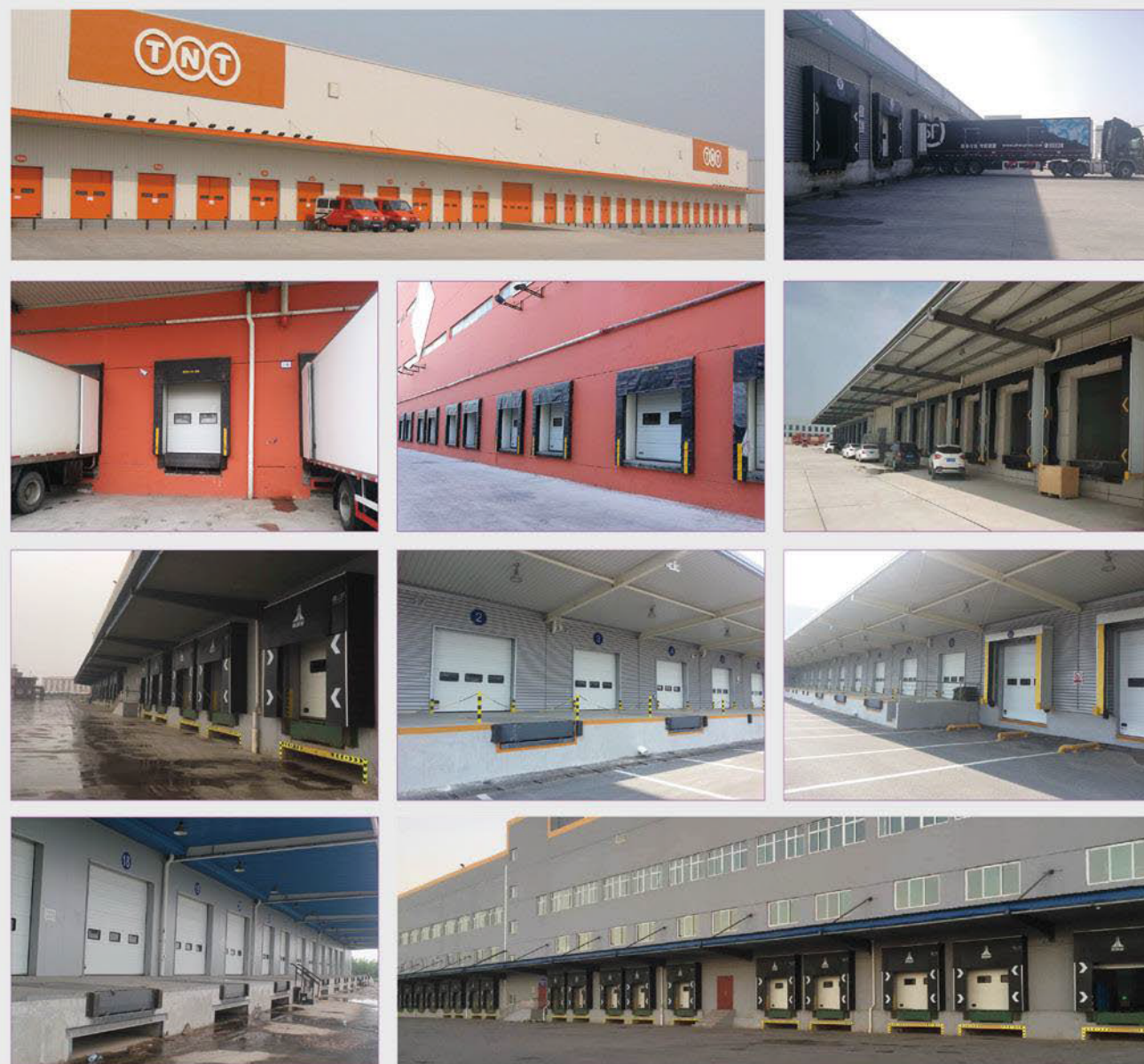
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FRIGOESPACIOS.COM

Company Profile >>>

As a professional supplier for docking equipment and access doors, Gemlin has been adhering to the excellent quality, exquisite craftsmanship, advanced design concept and perfect after-sales service system. Gemlin has become the choice of many domestic logistics enterprises.

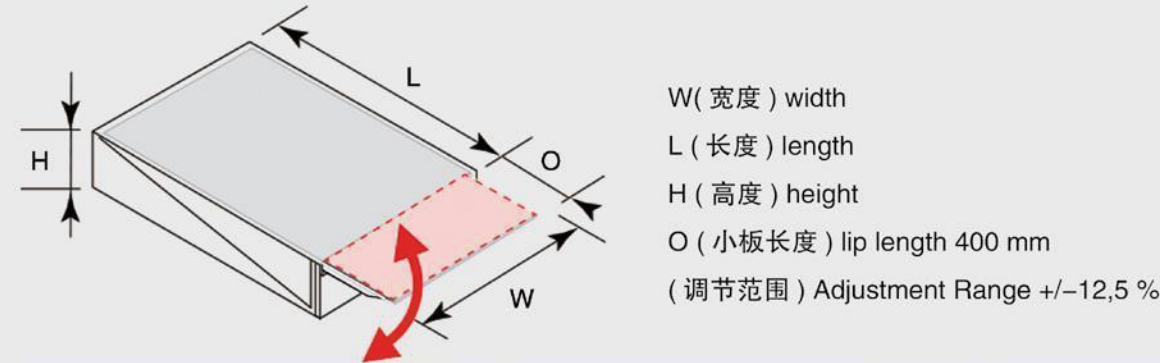


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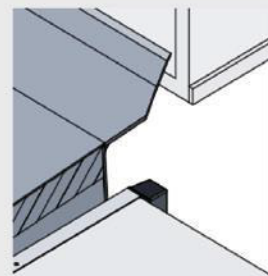
> **GMBA Hinged Lip Dock levelers**

The Hinged lip dock levelers, when the truck stops near the platform, raises the mother board to a position higher than the car board by starting the electro-hydraulic system, unfold the lip, and put the lip onto the truck board, then the transport vehicles can go to the carriage for operation.

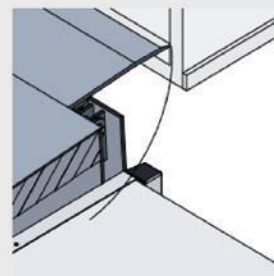


型号 Models	规 格 (mm)			载 荷 load	
	W	L	H	动载荷: (T) Dynamic Load	净载荷:(T) Static Load
GMBA	1800	2000	550/600	6	10
GMBA	1800	2350	550/600	6	10
GMBA	1800	2500	550/600	6	10
GMBA	2000	2000	550/600	6	10
GMBA	2000	2350	550/600	6	10
GMBA	2000	2500	550/600	6	10
GMBA	2000	2900	550/600	6	10

> **Lip Models**



梯形搭板
Tapered Lip



三段式搭板
Fold-down Lip

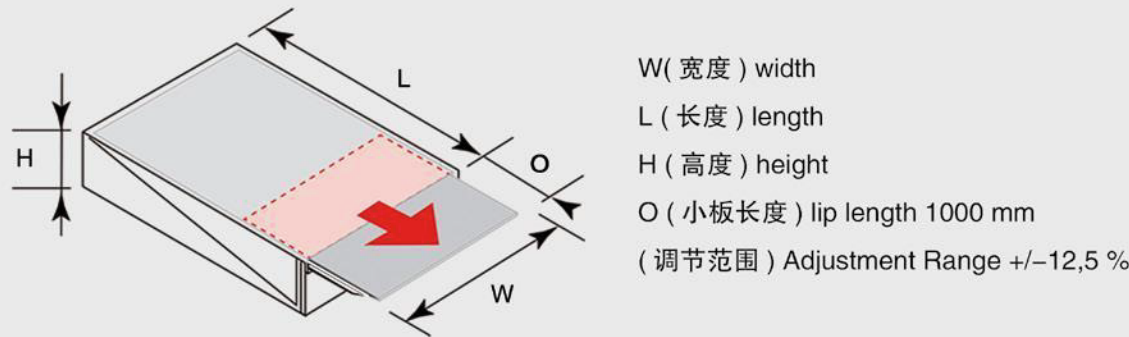


保温型平台
Thermal insulation Dock levelers

> **GMLT Telescopic Dock levelers**

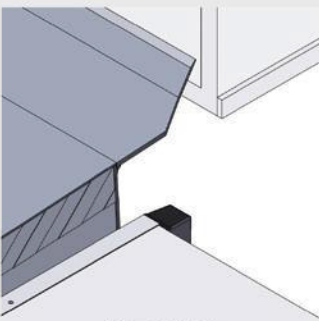
When the truck stops near the platform, raise the main board to the position above the carriage board by starting the electro-hydraulic system, and then start the telescopic lip, put the lip into the car board, and then the moving vehicle can go to the carriage to load/unload goods.

This type of dock leveler is especially suitable for cold chain logistics or the carriage type with loading demand at both ends.

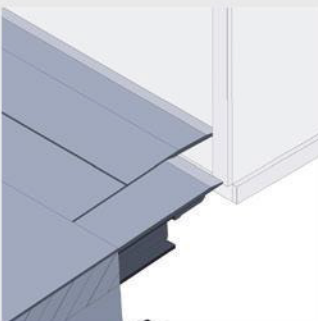


型号 Models	规 格 (mm)			载 荷 load	
	W	L	H	动载荷: (T) Dynamic Load	净载荷:(T) Static Load
GMLT	1800	2500	600	6	10
GMLT	2000	2500	600	6	10
GMLT	2000	3000	600	6	10

> **Lip Models**



梯形搭板
Tapered Lip



三段式伸缩搭板
Retracting Tongues



> **GMMA Mechanical Dock levelers**

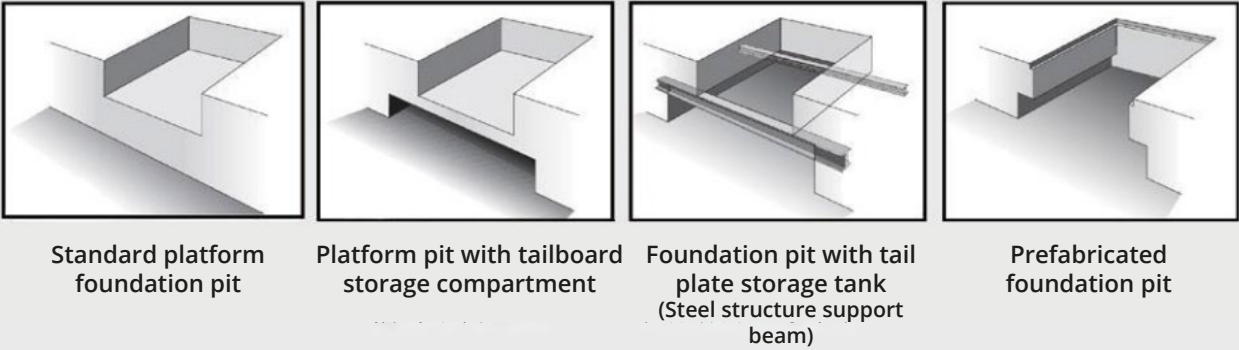
mechanical dock levelers has characteristics of high performance and low maintenance,which can increase the safety of high–strength loading area. Only pulling the chain lightly,the motherboard can be ifted by the force of the spring, and then the operator goes up to the motherboard , the motherboard is pressed down, and the lip is connected to the tail part of the carriage through the push rod structure, then the whole operation is completed. The mechanical dock leveler has the characteristics of stable performance, convenient operation, simple maintenance and low procurement cost, and it is particularly suitable for areas with frequent power failure and special requirements for flame–proof and explosion–proof.



型号 Models	规 格 (mm)			载 荷 load	
	W	L	H	动载荷: (T) Dynamic Load	净载荷 :(T) Static Load
GMMA	1800	2000	550/600	6	10
GMMA	2000	2000	550/600	6	10
GMMA	2000	2500	550/600	6	10
GMMA	2000	3000	550/600	6	10

> **Method of Foundation Pit for Dock levelers**

Before the construction of the project, the type of foundation pit should be selected .
In fact, Construction of a good dock leveler foundation pit can reduce the cost of construction.
Platform requirements of Foundation Pit :
The platform must be able to bear the horizontal tension occurred during loading/unloading and the force of the truck's reversing.
Angle treatment for platform edge with angle iron.



> **PIT CASES**



钢结构预制基坑
Steel structure prefabricated foundation pit



带尾板插槽钢结构预制基坑
Precasting Foundation Pit of Steel structure with Tailboard slot



标准基坑
Standard Foundation pit



箱式基坑
Box foundation pit

GMVL Dock levelers >>>

GMVL vertical dock levelers has been widely applied to the cold chain logistics industry and industrial enterprises with strict requirements for loading and unloading environment. Such dock leveler can completely block the loading and unloading area with the outside world through special design. realizing the transport vehicle and warehouse without broken chain docking, reducing energy use costs and protecting the safety of goods.



(mm) 载荷单位 (T)

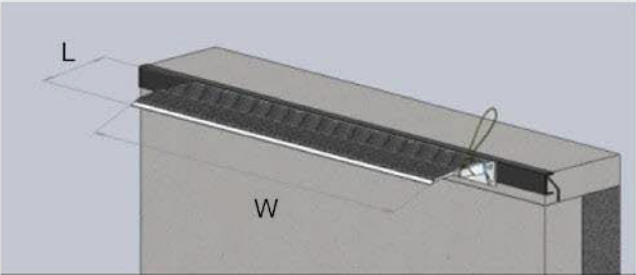
型号 Models	W(mm)	L(mm)	H(mm)	O(mm)	调节范围 Adjustment Range	载荷 (T) Capacity
GMVL	1800-2200	1500-1800	350	500	12.5%	6

可选部件 Optional part



Aluminum Lifting Platform >>>

Manual aluminum lifting platform is suitable for the place with a small height difference between the truck and platform. It is a simple, reliable and economic loading/unloading product. The manual lifting platform with load 4T satisfies most of the city distribution centers and it is particularly suitable for logistic distribution centers such as catering logistics ,fresh logistics and business supermarket distribution.



(mm) 载荷单位 (T)

型号 Models	W (mm)	L (mm)	调节范围 Adjustment Arrange	载荷 Capacity	型号 Models	W (mm)	L (mm)	调节范围 Adjustment Arrange	载荷 (T) Capacity
GMFD	1650	450	100/-80	4	GMFR	1650	650	100/-80	4
GMFD	1650	650	150/-150	4	GMFR	1650	650	150/-150	4
GMFD	1650	850	180/-180	4	GMFR	1650	850	180/-180	4

Customized Dock Leveler

can provide a variety of customized dock levelers to meet different customer' s requirement.



Frame Dock leveler

When the existing platform can not provide foundation pit, you can choose the frame dock leveler to meet the needs of such customers.



Combined Dock leveler

It can satisfy the requirement of vertical transportation and realize the high efficiency of loading and unloading demand.



Air bag Dock leveler

Lifting the work table by air pressure, no need to make the maintenance, like replacing the hydraulic oil, reducing the energy consumption.

Lifting Dock levelers

The lifting dock leveler is the special equipment for vertical transportation of goods. Such equipment is completely designed and produced according to the customer's requirements.



Scissor Lift Dock leveler

The scissor lift dock leveler had been widely used, with single or multi-fork selection depending on the working table size and lifting stroke of the dock leveler.



Vertical Top Lift Dock leveler

Vertical top lift dock leveler does not need to provide civil foundation pit, which can meet the vertical transport requirements.



Lifter

It is used to solve the vertical transport of goods between layer 1 and layer 2.

Industrial Doors



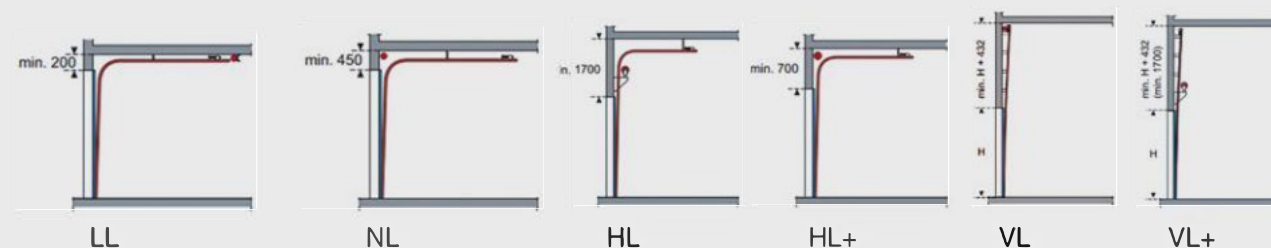
> Industrial Sectional Doors



Industrial sectional doors are the most widely used products in industrial construction such as modern warehouse logistics and industrial plants. This product has many advantages such as heat insulation and sealing, wind resistance, durability and economy, and easy maintenance. A variety of lifting methods are suitable for different types of installation sites.

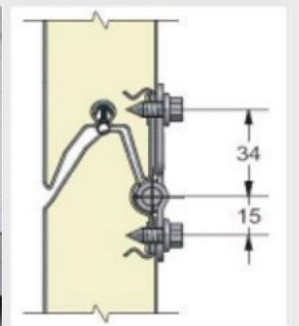
> Lifting Ways

Through rigorous calculation by our technician, ensure a suitable lifting way in order to improve the effective utilization of building space.



> STD40

Door fan thickness 40 mm, anti-clamping door panel design, suitable for logistics center in a variety of locations & industrial plant.



> STD60

STD60 door fan thickness 60mm, is the Preferred product of high standard cold chain logistics and food factory. The door panel with special cold bridge design, which is especially suitable for 5–10 degrees of work area.



> STD80

STD80 door fan thickness 80mm, is the Preferred product of high standard cold chain logistics and food factory. The door panel with special cold bridge design, which is especially suitable for 0–5 degrees of work area.



STDLS-11 >>>

Large Sectional Doors

All aluminum (steel) door structure, special high-strength door panel design, maximum width of 12m, especially suitable for large logistics centers without insulation requirements or coastal typhoons with anti-corrosion working environment.



> GMR95 Roller Shutter Door

Suitable for logistics centers without high using requirement, Gemlin' s roller shutter door have two options: insulation function and single-layer steel.



> GRD100 Fast Roll Door

Suitable for very frequent logistics channels, automatically fast opening and closing, effectively isolating indoor and outdoor environments



> GYD800 Fast Spiral Door

GYD800 is a fast door with thermal insulation and anti-theft function, automatically opening and closing, effectively isolating indoor and outdoor environment.



The dock shelters are used for sealing the gap between the trucks and platform during loading/unloading cargo. Choosing the right dock shelters can protect the cargo from dust, rain, insects and external temperature effect, block the air convection and save a lot of energy expenses.

> GMQ Inflatable Dock Shelter

It applies to the workplace with higher confined environment, such as pharmaceuticals, food and other industries. It can solve the sealing scheme of different doorway sizes and different vehicles. Through high performance gas pump, the inflatable door shelters blowup the upper and side highwear-resistant airbags and parcels the carriage to achieve the sealing effect.

型号 Models	规格 (mm) Specifications		
	W	L	H
GMQ	3600	3800	750



> GMZ Mechanical Dock Shelter

The structure of the dock shelter adopts aluminum alloy profile, with variable diamond structure, can effectively absorb the impact of the crash caused by vehicle accident. The front door cover material selects 3mm thick PVC fiber cloth with extremely high abrasion resistance. The side chooses 1mm thick polyester fiber fabrics. Side curtain surface is coated with a backing strip, the lower part is equipped with a gasket which can solve the gap between the vehicle and the cover.

型号 Models	规格 (mm) Specifications		
	W	L	H
GMZ	3400	3500	600
GMZ	3100	3100	600



Cushion Dock Shelters

GMZ-A/B Cushion Dock Shelter

The GMF-A/B cushion dock shelters are widely used in cold chain logistics. It achieves the sealing effect through the effective squeeze between the carriage and the dock shelter.



GMZ-A fixted cushion dock shelter

型号 Models	规格 (mm) Specifications		
	W	H	P
GMZ-A	门宽 +300 W+300	门高 +300 H+300	250~300
GMZ-B	门宽 +300 W+300	门高 +300 H+300	250~300



GMZ-B Top Adjustable cusion dock shelter

Customized Dock Shelters



Dock shelters for Railway Docking



Dock shelters for Train Access



Dock shelters for Urban distribution vehicles



Floor Dock shelters



GMS
Tunnel dock shelter



GMZ
Combination dock shelter

Dock House

The docking house is especially suitable for modified cold storage, without additional equipment foundation, the construction time is reduced, the dock leveler is placed outside, which improved the utilization efficiency of the indoor warehouse.



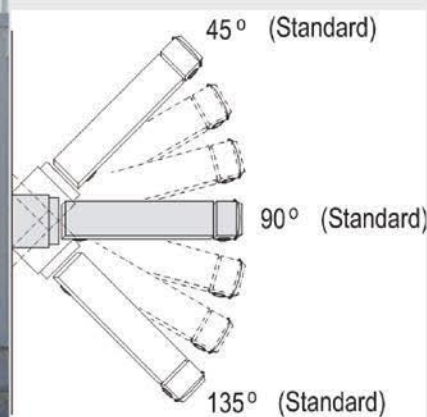
Coupled-row type



Detached Type



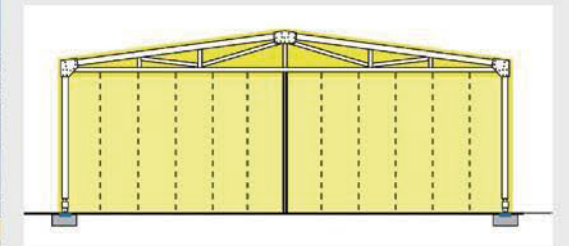
Angle type



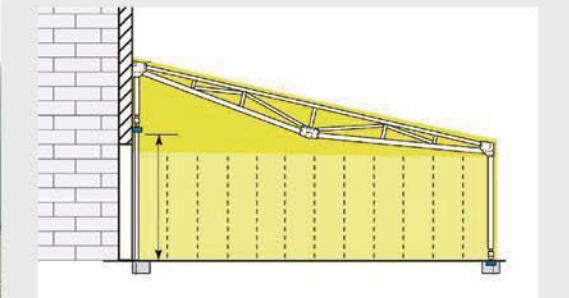
Industrial Tents

When the building space can not meet the cargo stacked requirements, we can choose the industrial tents to expand the use space of the building.

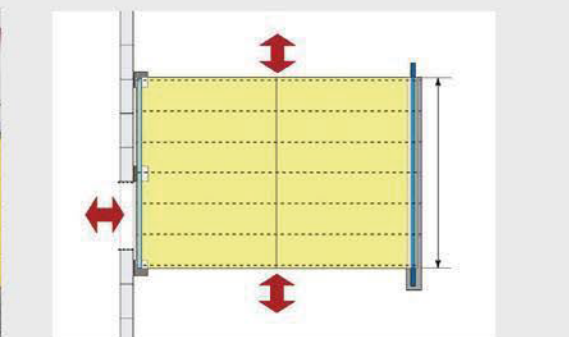
Independent type



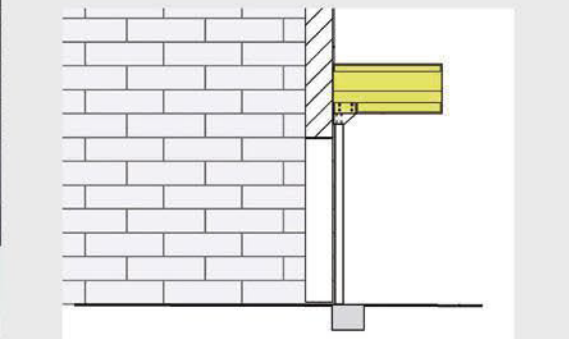
Side type



Connection type



Rainshed type



Safety Protection Devices >>>

> Dock Light

The Dock light is suitable for the working place where the sealed compartment (container) has no lighting conditions in the cargo box during loading and unloading. The dock light effectively improves the working environment inside the compartment, improves work efficiency and mitigates possible safety concerns.



装卸货位灯
Dock light

> Ventilating Fan

The ventilation fan is suitable for the workplace where the sealed compartment (container) in the container is without ventilation and lighting conditions during the loading and unloading process. The ventilation fan and the illumination effectively improve the working environment in the compartment, improve the working efficiency and effectively reduce the labor cost.



车厢换气扇
Ventilating Fan

> Truck Limiter

The truck limiter ensures that the truck will not be separated from the platform during the loading process, reducing the occurrence of work-related accidents caused by various reasons such as incorrect operation, truck shift, and landing bracket collapse.



Automatic tail hook lock



Manual tail hook lock

> Easy Lock

The manual wheel lock can firmly lock the truck tires, but will not damage the locked vehicle tires; the manual wheel lock can effectively prevent the vehicle from slipping away during loading and unloading, resulting in staff injury or cargo damage.



手动轮锁
Easy Lock

> Automatic Wheel Lock

The wheel lock can firmly lock the truck tires, effectively prevent the vehicle from slipping away during loading and unloading, resulting in staff injury or cargo damage



车轮锁
Wheel Lock

> ***Traffic Light***

Traffic lights play a warning role in the process of loading and unloading. In the case of normal non-working situation, the traffic light shows a green light; After the vehicle stops, open the door, the traffic light changes from green light to red light, and the dock leveler starts to work, warning that other staff or vehicles cannot pass through



Traffic Light

> ***Integrated Control Box***

develops an integrated control box, the integrated unified panel controls the dock leveler, sectional doors and inflatable dock shelters in partition, simple operation and beautiful appearance, saving installation space.



Control box

> ***Vehicle-oriented guide***

This device guides the truck to accurately enter the loading and unloading position, preventing damage to the building caused by incorrect operation of the vehicle.



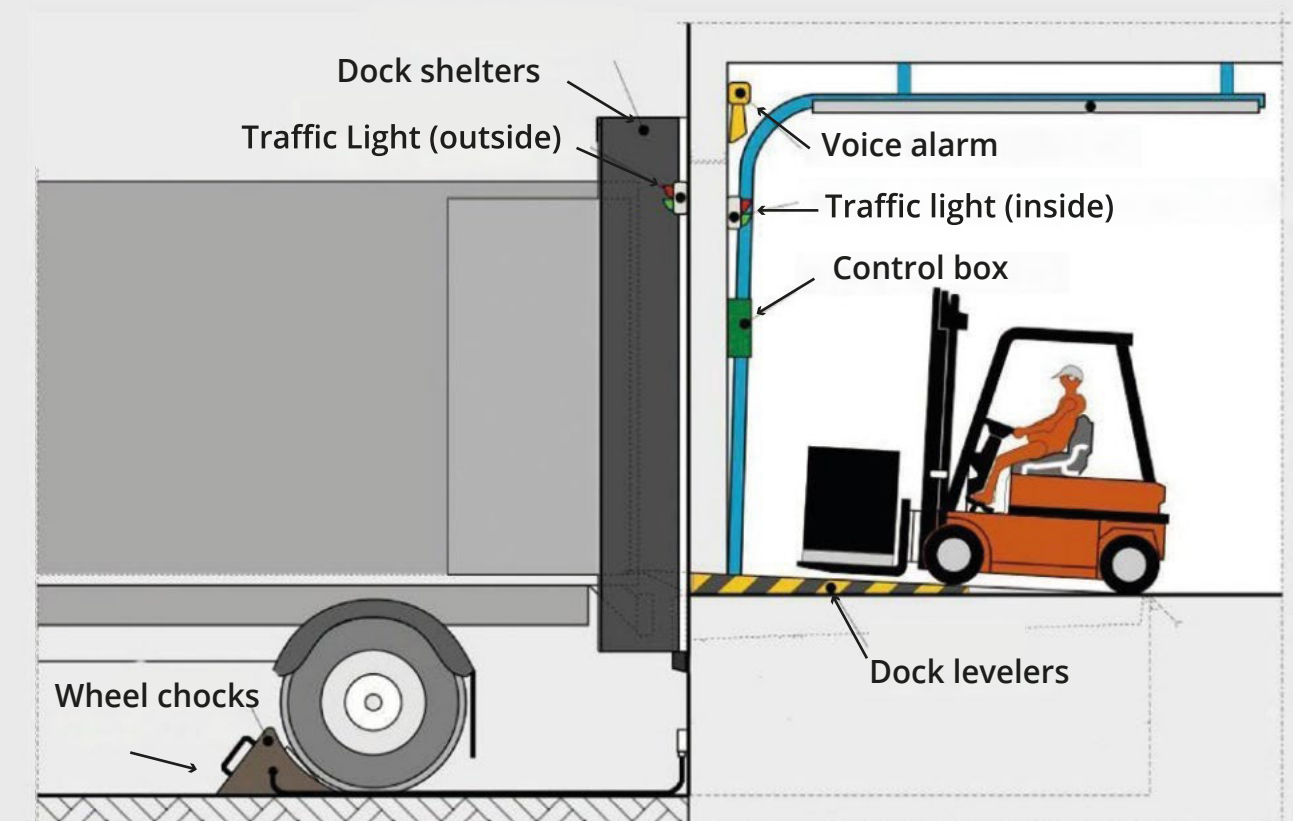
Vehicle-oriented guide

> ***Dock Guard***

Dock Guard is designed to cooperate with Gemlin Dock system to ensure the maximum safety of platform, preventing the forklifts, hydraulic vehicles or personnel from falling from the platform. Dock Guard can be used in the plant to isolate personnel from production and logistics loading and unloading equipment.



> ***Demonstration Diagram***

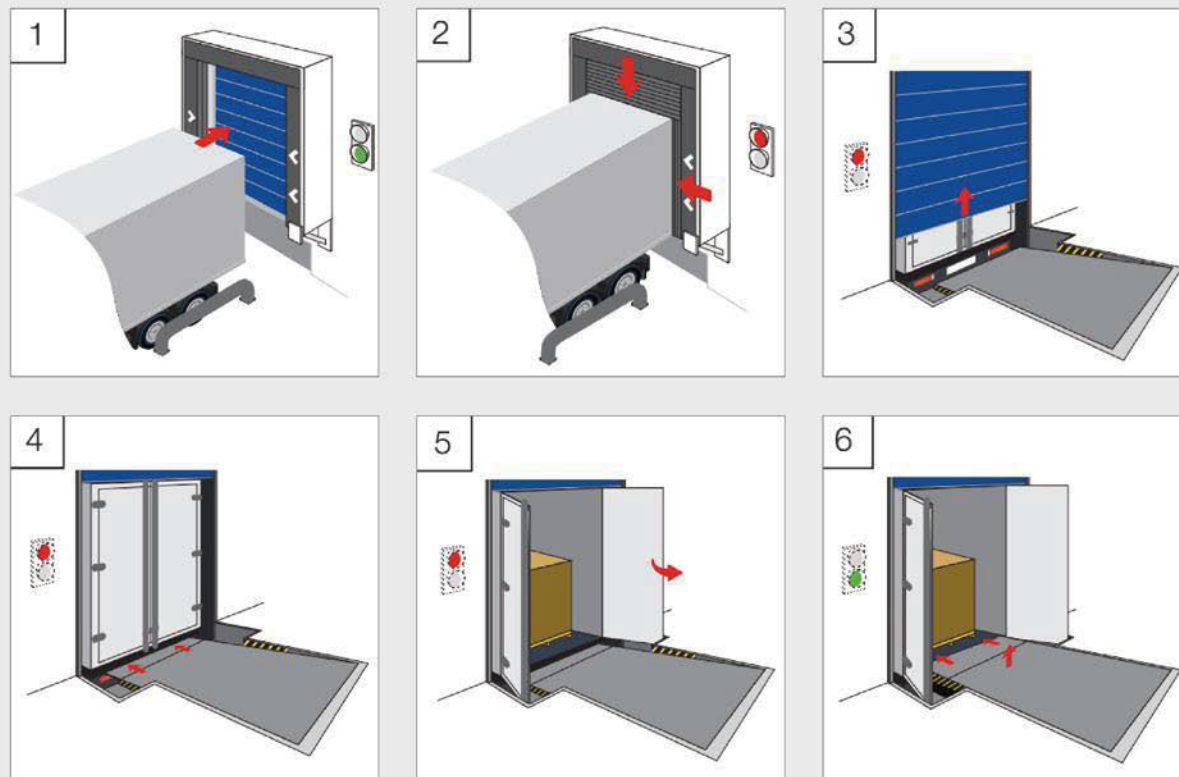


Loading/Unloading port Solutions >>>

> Loading and Unloading without broken Chain

The loading and unloading port without broken chain is different from the traditional loading and unloading port. The compartment door is opened inside the hall to avoid the contact with the outside world, and the docking can be completed once, which greatly improves the efficiency of loading and unloading, preventing the warm & humid air outside from entering into the interior of the cold storage. The heat preservation sectional door completely blocks the generation of the cold bridge, which makes your hallway area more tidy and efficient.

The loading/unloading port is dedicated to the low-temperature cold chain logistics industry, completely blocking the unnecessary cold leakage caused by cold bridge of the dock levelers.



The design of unbroken chain loading and unloading port mainly adopts Three forms:

Telescopic unbroken chain loading and unloading port

Vertical unbroken chain loading and unloading port

> Telescopic unbroken chain loading and unloading port-Pass-trough type

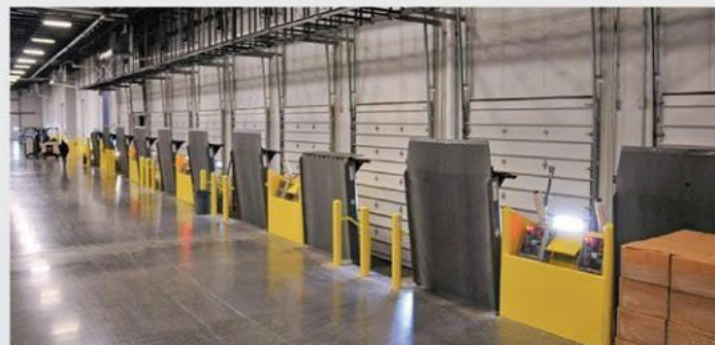
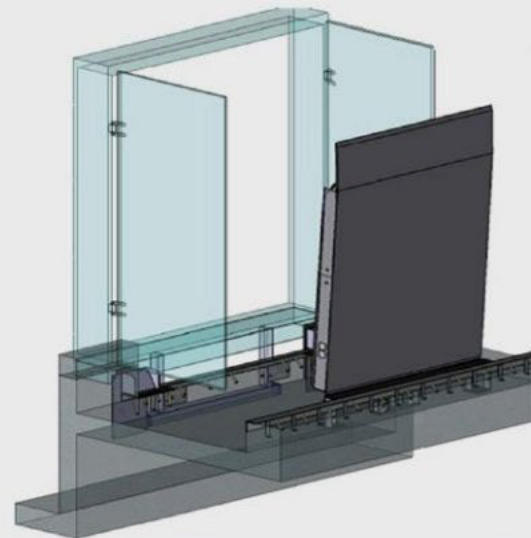


> Telescopic unbroken chain loading and unloading port-Gouging type



Vertical unbroken chain loading and unloading port

Vertical unbroken chain loading and unloading port is very suitable for trunk node logistics, port logistics, convenient and clean foundation pit design to ensure the environmental sanitation of your logistics center.



连续形式
Continuous form



独立形式
Independent form



Comprehensive collision Prevention system for Logistics Warehouse

creates a new warehouse anti-collision system products, so that your warehouse no longer have security risks. The Anti-Collision post adopts HDPE material, which can absorb the tremendous energy generated by the impact and protect your assets and your employees.

