

CORE PRODUCTS 核心产品



垂直提升冷库保温门
Vertical Lifting Cold Room Door



平移式气调库专用门
Controlled Atmosphere
Sliding Storage Door



涡轮硬质快速保温门
Spiral Insulated Door



装卸货平台
Dock Leveler



平移式冷库保温门
Sliding Cold Room Door



自由门
Traffic Door



PVC快速卷帘保温门
Fast PVC Insulated Door



门封系列
Dock Seal&Shelter



快速平移式冷库保温门
Fast Sliding Cold Room Door



多功能保温门
Multi-function Insulated Door



提升门
Sectional Industrial Door



柔性防撞系列
Flexible Anti-Impact Series

助力
中国冷链行业
高质量发展

完美匹配的 冷链物流仓储系统

Perfect-Fit Cold-Chain Logistics
& Storage System

冷链物流仓储所需的所有设备，都可以从同一个渠道获得——多尔思。

多尔思集研发和制造于一身，不同产品之间可以轻松完美匹配，确保了您装卸货流程的顺畅高效，让您的仓储系统更高效、更安全、更具有人性化。

All cold-chain logistics and storage equipment can be sourced from one supplier-DOORS. DOORS combines R&D and manufacturing, delivering seamless compatibility across its product range. It guarantees efficient loading and unloading operations, creating a more efficient, safer and human-centric storage system.

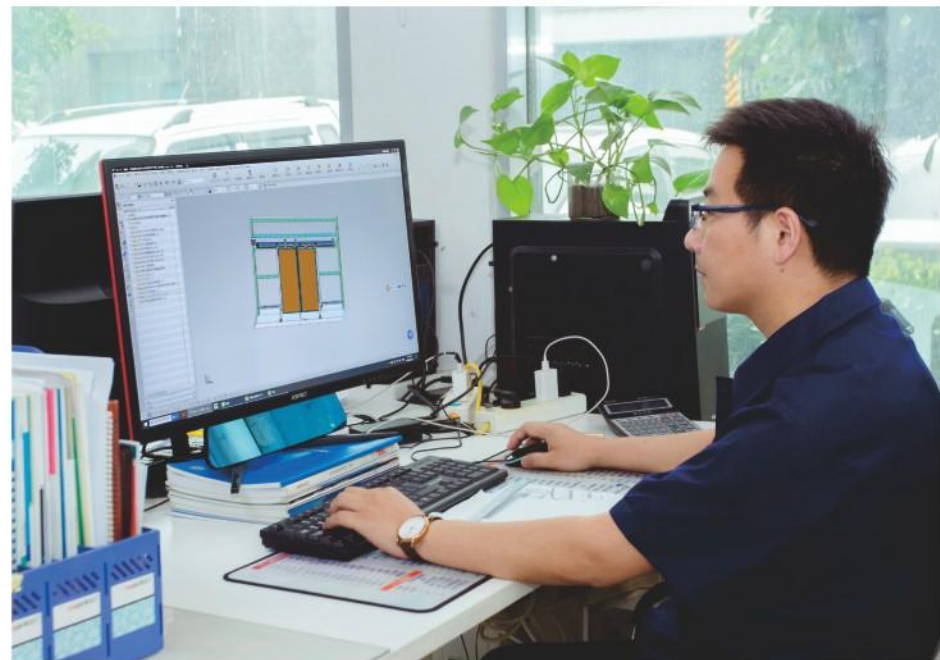


R&D TEAM 研发团队

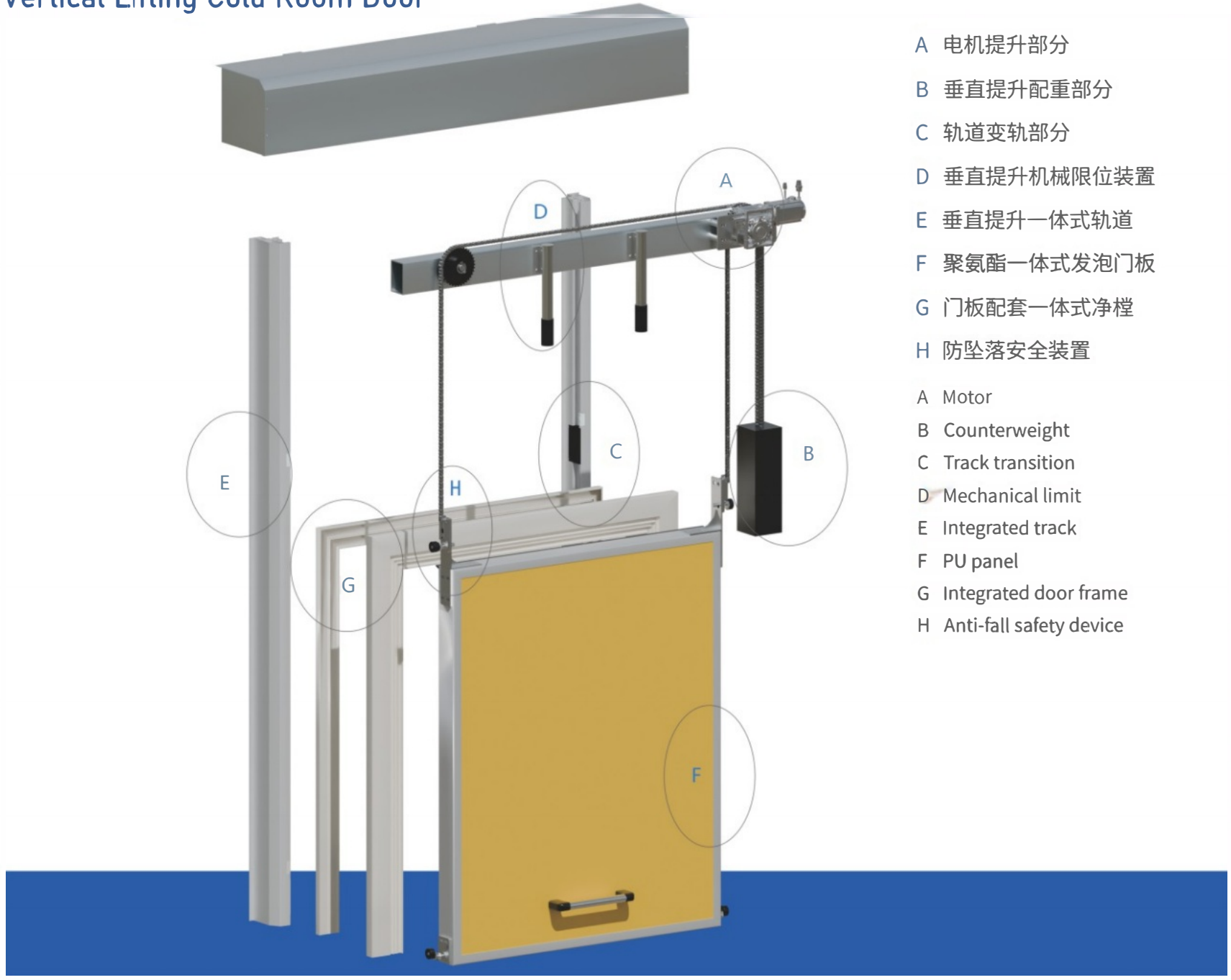
领先科技动力/诚信创新/成就未来/你的满意, 我们的追求
Leading Technology / Integrity & Innovation Brighter Future/Your Satisfaction Is Our Goal.

公司拥有20余年的工业门及聚氨酯保温门制造经验, 通过国际领先的设计软件及完善的设计流程进行产品研发, 以高效、多功能的设计理念引领工业门行业生产技术的发展方向。

With over 20 years of experience in cold storage door manufacturing, our company has in-depth expertise in panel production processes for cold storage doors. We conduct product R&D using internationally leading design software and standardized design workflows. Guided by an efficient and multi-functional design philosophy, we lead the technological development trend in the cold storage door industry.



垂直提升冷库门系列 LMDZ—001
Vertical Lifting Cold Room Door



- A 电机提升部分
- B 垂直提升配重部分
- C 轨道变轨部分
- D 垂直提升机械限位装置
- E 垂直提升一体式轨道
- F 聚氨酯一体式发泡门板
- G 门板配套一体式净檯
- H 防坠落安全装置

- A Motor
- B Counterweight
- C Track transition
- D Mechanical limit
- E Integrated track
- F PU panel
- G Integrated door frame
- H Anti-fall safety device



技术参数	
门体尺寸	根据门洞尺寸定制，W≤3500mm/H≤4500mm
开启方向	垂直提升
门体厚度	75mm/100mm/120mm/150mm/175mm/200mm
面板材质	彩钢、不锈钢、压花铝板，标配抗菌涂层
芯材	绿色环保高密度、保温、阻燃聚氨酯，容重≥48Kg/m³
净檯	高强度PVC/铝合金/不锈钢，自带断冷桥设计，隐藏式镶嵌加热丝
轨道	特制铝合金轨道，经防腐及阳极氧化处理，自带浮沉结构
配重系统	配重块采用Q235材质，配重箱和轨道系统整体合一，隐藏式设计
五金配件	全套不锈钢专用配件&高强度尼龙配件
密封	三元乙丙EPDM，多重密封设计
电机电控	自动化控制系统，速度自由可调
开启方式	手动/遥控/按钮/地磁/雷达/拉绳/联动
使用寿命	≥100万次
适用环境	冷库环境t≥-45°
适用场景	冷链物流仓库、生鲜配送中心、科研实验室、自动化立体冷库

Technical Parameter	
Door size	Customized to opening size: W≤3500mm/H≤4500mm
Lifting direction	Vertical lifting
Panel thickness	75mm/100mm/120mm/150mm/175mm/200mm
Skin material	Color steel, stainless steel, embossed aluminum plate, standard with antibacterial coating
Core material	Eco-friendly, high-density fire-retardant polyurethane insulation, density≥48kgs/CBM
Door frame	High-strength PVC, aluminum alloy ,stainless steel, with built-in thermal break design and concealed embedded heating wires.
Track	Special aluminum alloy track with anti-corrosion and anodizing treatment, equipped with floating structure.
Counter weight	Counterweight blocks are made of Q235 material. The counterweight box is integrally combined with the track system, adopting a concealed design.
Hardware	Stainless steel and high strength nylon accessories
Seals	EPDM,Multi seal design
Motor control	Adjustable speed for automatic control system
Opening way	Manual/Remote Control/Button/Ground magnetic induction/Radar/Pulling rope/Interlock
Service life	≥ 1 million openings
Apply environments	Temperature ≥ -45°C
Apply scenarios	Cold chain logistics warehouses, fresh food distribution centers, scientific research laboratories, automated vertical cold storage.

双开平移式冷库门 LMT-002
Double Cold Room Door

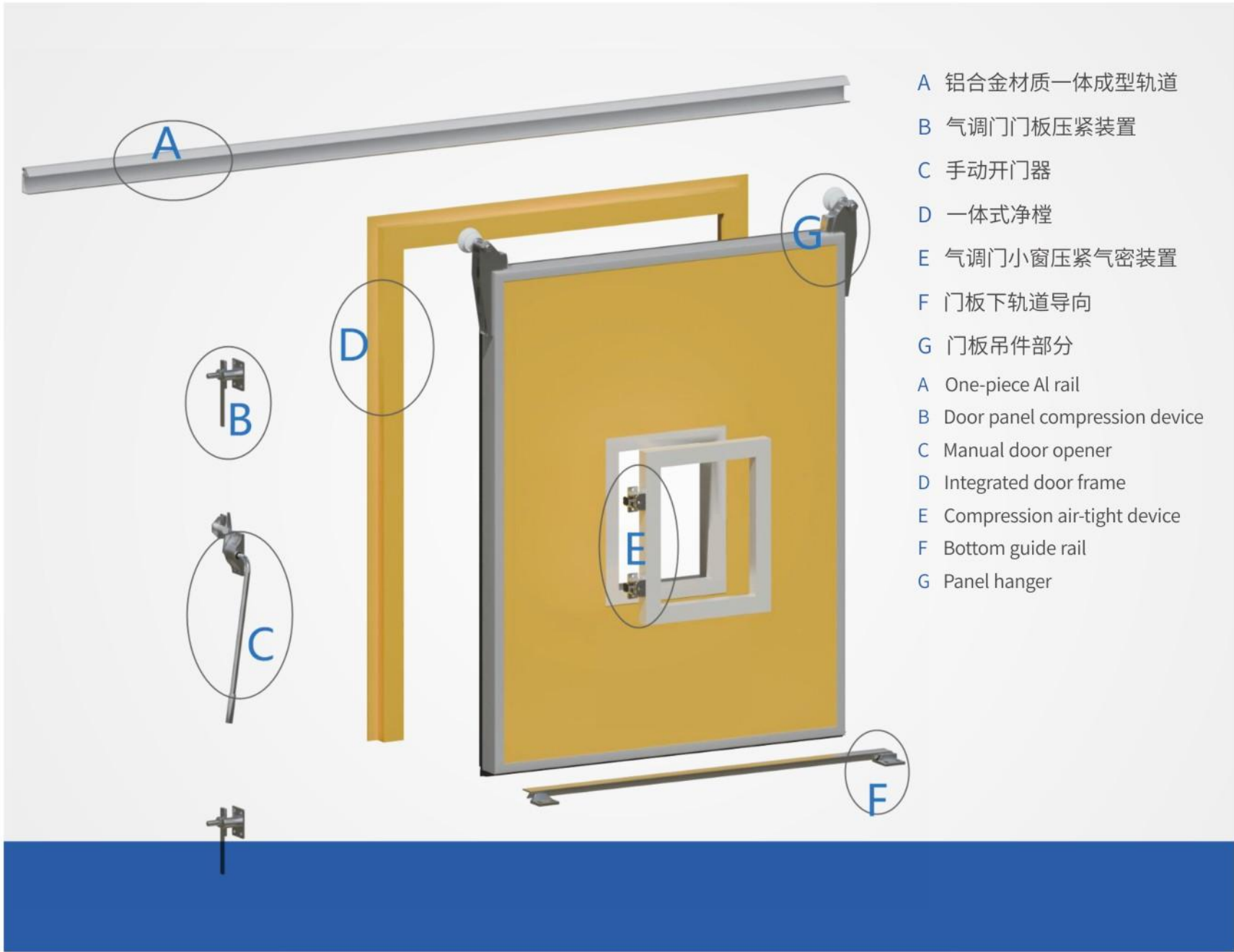


单开平移式冷库门 LMT-001
Single Cold Room Door



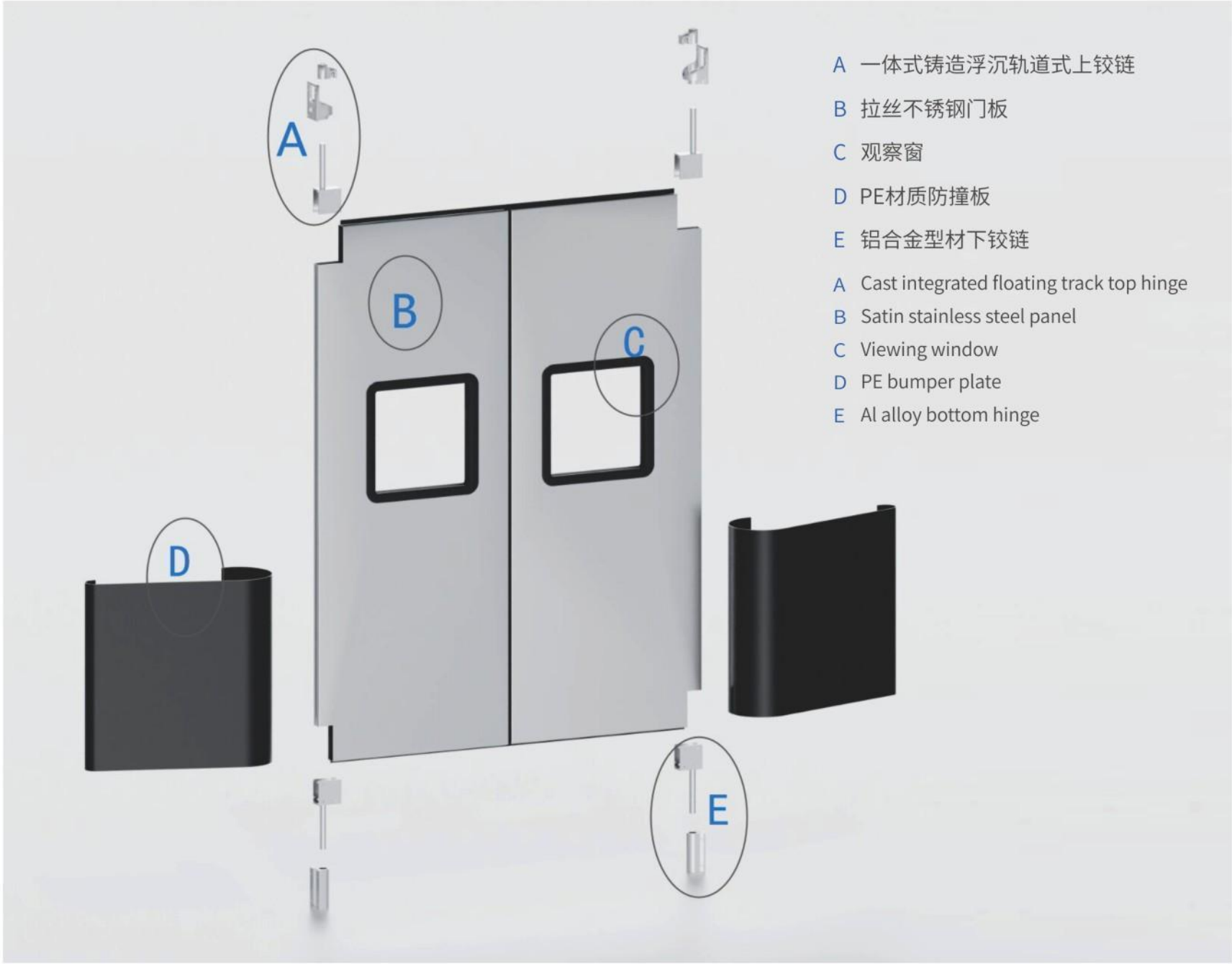
技术参数		Technical Parameter	
门体尺寸	根据门洞尺寸定制, $W \leq 4500\text{mm}/H \leq 7000\text{mm}$	Door size	Customized to opening size: $W \leq 4500\text{mm}/H \leq 7000\text{mm}$
开启方向	左开/右开	Opening way	Left/Right
门体厚度	75mm / 100mm / 120mm / 150mm / 175mm / 200mm	Panel T	75mm / 100mm / 120mm / 150mm / 175mm / 200mm
面板材质	彩钢、不锈钢、压花铝板, 标配抗菌涂层	Skin material	Color steel, stainless steel, embossed aluminum plate, standard with antibacterial coating
芯材	绿色环保高密度、保温、阻燃聚氨酯, 容重 $\geq 48\text{Kg}/\text{m}^3$	Core material	Eco-friendly, high-density fire-retardant polyurethane insulation, density $\geq 48\text{kgs}/\text{CBM}$
净槛	高强度PVC/铝合金/不锈钢, 自带段断桥设计, 隐藏式镶嵌加热丝	Door frame	High-strength PVC, aluminum alloy ,stainless steel, with built-in thermal break design and concealed embedded heating wires.
上轨道	重型上轨道, 铝合金材质, 经防腐及阳极氧化处理, 自带浮沉结构	Top track	Heavy duty top track, aluminum alloy with anti-corrosion and anodizing treatment, equipped with floating structure.
下轨道	铝合金材质, 经防腐及阳极氧化处理, 自带浮沉结构	Bottom track	Aluminum alloy with anti-corrosion and anodizing treatment, equipped with floating structure.
五金配件	全套不锈钢专用配件 & 高强度尼龙配件	Hardware	Stainless steel and high-strength nylon accessories
密封	三元乙丙EPDM, 多重密封设计	Seal	EPDM,Mortise-tenon structure multi-sealing
电机电控	自动化控制系统, 速度自由可调	Motor drive	Automatic control system,adjustable speed
开启方式	手动 /遥控 /按钮 /地磁 /雷达/ 拉绳 /联动	Driving way	Manual/Remote Control/Button/Ground magnetic induction/ Radar/Pulling rope/Interlock
使用寿命	≥ 100 万次	Service life	≥ 1 million openings
适用环境	冷库环境 $t \geq -45^\circ$	Apply environment	Cold room temperature $\geq -45^\circ\text{C}$
适用场景	适用于各类冷库及食品加工厂、中央厨房、冷链物流仓库、生鲜配送中心、科研实验室、农贸市场、商超冷链间	Apply scenarios	Various cold storages, food factories, central kitchens, cold-chain warehouses, fresh distribution centers, research labs, farmers' markets and supermarket cold-chain rooms.

平移式气调库专用门 QLM—001
Controlled Atmosphere Sliding Storage Door



技术参数		Technical Parameter	
门体尺寸	根据门洞尺寸定制, $W \leq 4500\text{mm}/H \leq 4500\text{mm}$	Door size	Customized to opening size
开启方向	左开/右开	Opening way	Left/Right
门体厚度	75mm / 100mm / 120mm / 150mm / 175mm	Panel T	75mm / 100mm / 120mm / 150mm / 175mm
面板材质	彩钢、不锈钢、压花铝板, 标配抗菌涂层	Skin material	Color steel, stainless steel, embossed aluminum plate, standard with antibacterial coating
芯材	绿色环保高密度、保温、阻燃聚氨酯, 容重 $\geq 48\text{Kg}/\text{m}^3$	Core material	Eco-friendly, high-density fire-retardant polyurethane insulation, density $\geq 48\text{kgs}/\text{CBM}$
净膛	高强度PVC / 铝合金 / 不锈钢, 自带断冷桥设计, 隐藏式镶嵌加热丝	Door frame	High-strength PVC, aluminum alloy, stainless steel, with built-in thermal break design and concealed embedded heating wires.
上轨道	铝合金材质, 经防腐及阳极氧化处理, 自带浮沉结构	Top track	Aluminum alloy with anti-corrosion and anodizing treatment, equipped with floating structure.
下轨道	铝合金材质, 经防腐及阳极氧化处理, 自带浮沉结构	Bottom track	Aluminum alloy with anti-corrosion and anodizing treatment, equipped with floating structure.
五金配件	全套不锈钢专用配件 & 高强度尼龙配件	Hardware	Stainless steel and high-strength nylon accessories
气调窗	采用整体铝合金结构, 中空双层钢化玻璃	CA window	Integral Al structure, hollow double-layer tempered glass
密封	三元乙丙EPDM, 多重密封设计	Seal	EPDM, Mortise-tenon structure multi-sealing
电机电控	自动化控制系统	Motor drive	Automatic control system
开启方式	手动 / 遥控 / 按钮 / 拉绳 / 联动	Driving way	Manual/Remote Control/Button/Pulling rope/Interlock
使用寿命	≥ 100 万次	Service life	≥ 1 million openings
适用场景	适用于各类蔬菜、水果冷库	Apply scenarios	Various vegetable & fruits cold storage room

不锈钢自由门 TD—001
Stainless Steel Traffic Door



PVC自由门 TD—002
PVC Traffic Door



技术参数		Technical Parameter	
门体尺寸	根据门洞尺寸定制	Door size	Customized according to opening size
开启方向	内外平开, 前后开启180°回归	Opening direction	Inward & outward swing, 180-degree opening with automatic return
面板材质	7mm厚进口透明门帘, 下部带防撞板	Panel material	7mm thick imported transparent board with bumper plate at the bottom
门框	不锈钢折弯成型	Door frame	Stainless steel bent forming
防撞板	高强度5mm食品级PE板	Bumper plate	High-strength 5mm Food-grade PE Sheet
开启方式	手动	Opening way	Manual
适用环境	≥ -45°	Apply environment	≥ -45°
适用场景	适用于各类冷库、仓库、工厂、食品、中央厨房、冷链配送中心	Apply scenarios	Suitable for cold storage, warehouses, factories, food processing plants, central kitchens and cold chain distribution centers.

全埋门 LMP-001
Full-Recessed Door



技术参数		Technical Parameter	
门体尺寸	根据门洞尺寸定制, $W \leq 2500\text{mm}$ / $H \leq 4500\text{mm}$	Door size	Customized according to opening size
开启方向	平开(左/右)	Opening direction	Swing(L/R)
门体厚度	75mm / 100mm / 120mm / 150mm / 175mm	Panel thickness	75mm / 100mm / 120mm / 150mm / 175mm
面板材质	彩钢、不锈钢、压花铝板, 标配抗菌涂层	Skin material	Color steel, stainless steel, embossed aluminum plate, standard with antibacterial coating
芯材	绿色环保高密度、保温、阻燃聚氨酯, 容重 $\geq 48\text{Kg}/\text{m}^3$	Core material	Eco-friendly, high-density fire-retardant polyurethane insulation, density $\geq 48\text{kg}/\text{CBM}$
净框	高强度PVC/铝合金/不锈钢, 自带断桥设计, 隐藏式镶嵌加热丝	Door frame	High-strength PVC, aluminum alloy, stainless steel, with built-in thermal break design and concealed embedded heating wires.
五金配件	全埋门专用配件&高强度尼龙配件	Hardware	Special hardware and high-strength nylon hardware for full recessed door
密封	PVC磁性密封条	Seals	PVC magnetic seals
开启方式	手动	Opening way	Manual
适用环境	$\geq -45^\circ$	Apply environment	$\geq -45^\circ$
适用场景	适用于各类冷库、低温加工 车间、冷链物流仓库、机制板库等改、扩建场合	Apply scenarios	Suitable for reconstruction and expansion projects of various cold storages, low-temperature processing workshops, cold chain logistics warehouses, insulated panel buildings, etc.

半埋门 LMP—002 土耳其半埋门 LMP—003
Semi-Recessed Door, Turkey-Style Semi-Recessed Door

A 一体式发泡净框
B 合页铰链
C 门锁
D 一体式发泡门板

A Integrated door frame
B Hinge
C Door lock
D Integrated PU panel

A 一体式发泡门板
B 土耳其门锁
C 土耳其铰链
D 一体式发泡净框

A Integrated PU panel
B Turkey-style lock
C Turkey-style hinge
D Integrated door frame



技术参数		Technical Parameter	
门体尺寸	根据门洞尺寸定制， 单扇W ≤ 2500mm/H ≤ 4500mm 双扇W ≤ 4500mm/H ≤ 4500mm	Door size	Customized according to opening size Single leaf W ≤ 2500mm/H ≤ 4500mm Double leaves W ≤ 4500mm/H ≤ 4500mm
开启方向	平开(左/右)	Opening direction	Swing(L/R)
门体厚度	75mm / 100mm / 120mm / 150mm / 175mm	Panel thickness	75mm / 100mm / 120mm / 150mm / 175mm
面板材质	彩钢、不锈钢、压花铝板，标配抗菌涂层	Skin material	Color steel, stainless steel, embossed aluminum plate, standard with antibacterial coating
芯材	绿色环保高密度、保温、阻燃聚氨酯，容重 ≥ 48Kg/m³	Core material	Eco-friendly, high-density fire-retardant polyurethane insulation, density ≥ 48kgs/CBM
净框	高强度PVC / 铝合金 / 不锈钢，自带断冷桥设计，隐藏式镶嵌加热丝	Door frame	High-strength PVC, aluminum alloy, stainless steel, with built-in thermal break design and concealed embedded heating wires.
五金配件	半埋门专用配件&高强度尼龙配件	Hardware	Special hardware and high-strength nylon hardware for semi-recessed door
密封	PVC磁性密封条	Seals	PVC magnetic seals
开启方式	手动	Opening way	Manual
适用环境	≥ -45°	Apply environment	≥ -45°
适用场景	适用于各类冷库、低温加工车间、冷链物流仓库、机制板库等改、扩建场合	Apply scenarios	Suitable for reconstruction and expansion projects of various cold storages, low-temperature processing workshops, cold chain logistics warehouses, insulated panel buildings, etc.

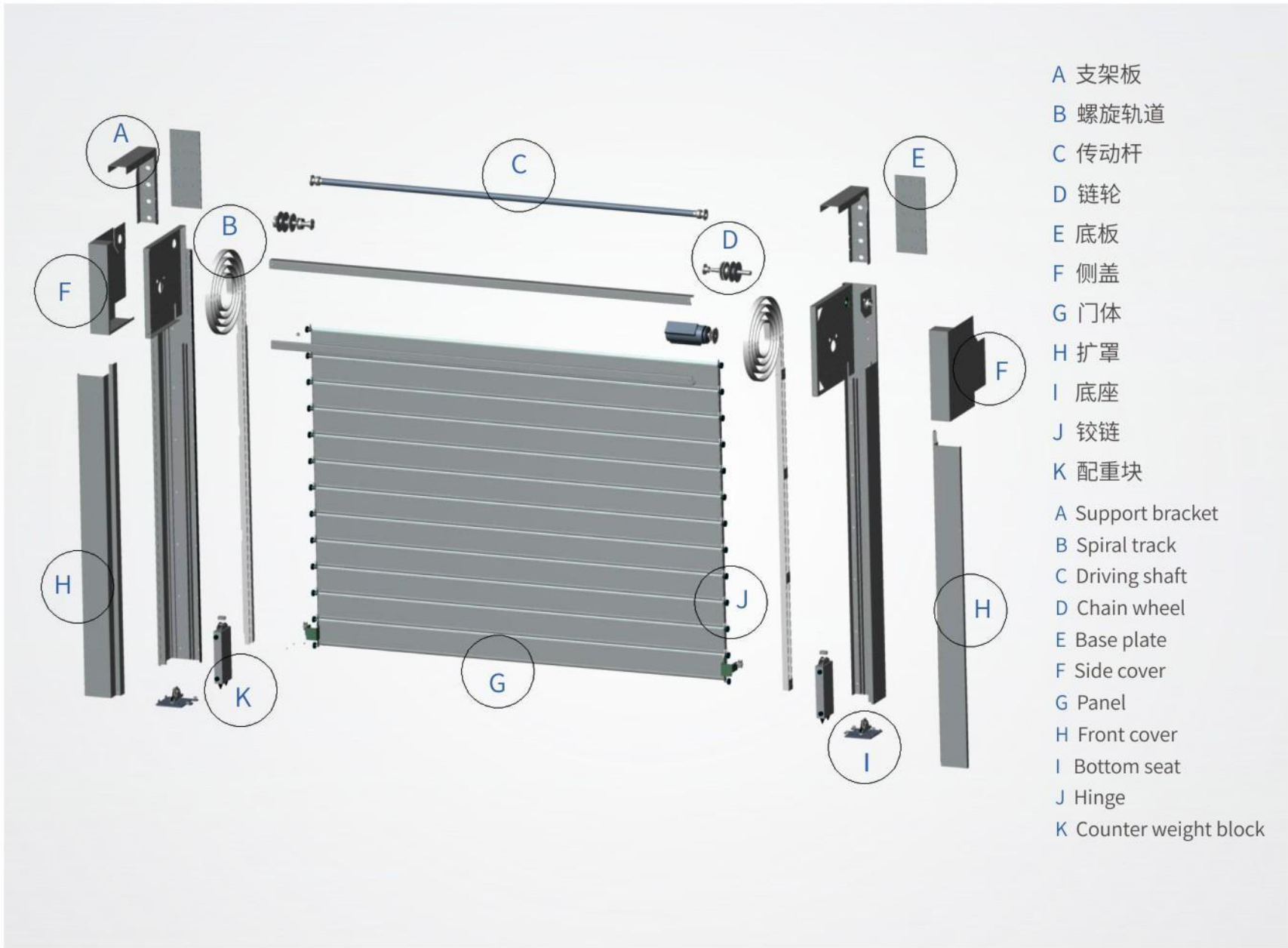
转轴门 LMP-004

Pivot door

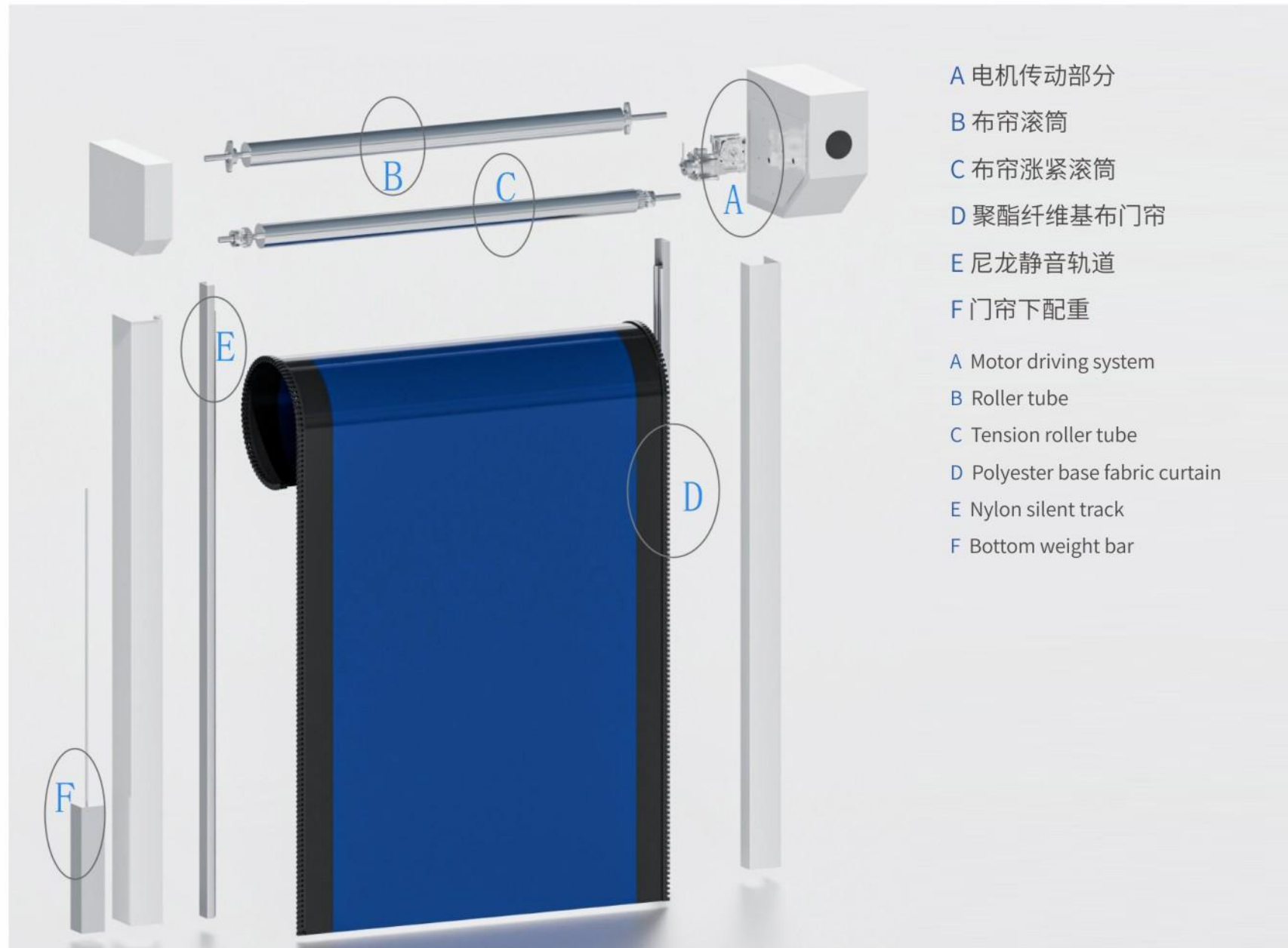


技术参数		Technical Parameter	
门体尺寸	根据门洞尺寸定制， 单扇W ≤ 2500mm/H ≤ 4500mm 双扇W ≤ 4500mm/H ≤ 4500mm	Door size	Customized according to opening size Single leaf W ≤ 2500mm/H ≤ 4500mm Double leaves W ≤ 4500mm/H ≤ 4500mm
开启方向	平开(左/右)	Opening direction	Swing(L/R)
门体厚度	75mm / 100mm / 120mm / 150mm /175mm / 200mm	Panel thickness	75mm / 100mm / 120mm / 150mm /175mm / 200mm
面板材质	彩钢、不锈钢、压花铝板，标配抗菌涂层	Skin material	Color steel, stainless steel, embossed aluminum plate, standard with antibacterial coating
芯材	绿色环保高密度、保温、阻燃聚氨酯，容重 ≥ 48Kg/m³	Core material	Eco-friendly, high-density fire-retardant polyurethane insulation, density≥48kgs/CBM
净檁	高强度PVC / 铝合金 / 不锈钢，自带断冷桥设计，隐藏式镶嵌加热丝	Door frame	High-strength PVC, aluminum alloy ,stainless steel, with built-in thermal break design and concealed embedded heating wires.
转轴	采用独特的“浮开沉闭式”结构设计	Pivot	Adopts unique floating-open & sinking-closed structure design.
五金配件	转轴门专用配件&高强度尼龙配件	Hardware	Special hardware and high-strength nylon hardware for pivot door
密封	三元乙丙EPDM，多重密封设计	Seals	EPDM,Multi-Seal design
开启方式	手动	Opening way	Manual
适用环境	≥ -45°	Apply environment	≥ -45°
适用场景	适用于各类冷库、低温加工车间、冷链物流仓库、机制板库等改、扩建场合	Apply scenarios	Suitable for reconstruction and expansion projects of various cold storages, low-temperature processing workshops, cold chain logistics warehouses, insulated panel buildings, etc.

硬质涡轮快速卷帘保温门 HSD—001
Rapid Spiral Insulated Door



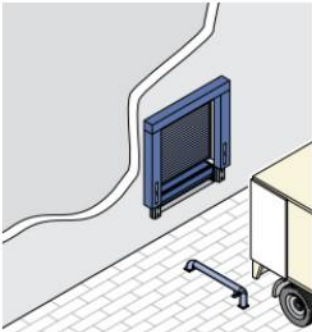
PVC快速卷帘保温门 HSD—002
Rapid PVC Insulated Door



PVC快速卷帘保温门配置说明	
伺服系统 控制系统	采用专用伺服系统，内核为DSP芯片，系统通过接收电机尾部的增量型编码器信号和机械原点位开关量信号配合来设定门的开启高度： 1、系统通过LED管显示故障代码功能 2、转向保护：当电机驱动线接错时控制器直接报错，门体停止运行； 3、扭力环、位置环、速度环三环全闭； 4、能失刹车功能：不用电磁刹车片就可以使电机停在预期位置，门体在预定限位位置停止时，能丝毫不差。
	电机驱动系统采用伺服电机系统：编码器、刹车系统、减速机、应急手动开启机构 1、伺服电机的恒扭力输出，使各种安全保护装置（如红外线等）的功能发挥到最佳效果，快速反弹； 2、过载能力强，在一些高频场合一天可以开启千次以上。
	双侧轨道 加热装置
运行速度	开门：0.8-1.6M/S（可调），关门速度：0.8-1.2M/S（可调）
门帘材料	整体门帘由5层组成：总厚度14mm，内外加厚保温门帘，夹芯使用铝箔保温，
框架材料	轨道采用高强度铝合金材质/耐低温高分子材料
密封性能	多重密封设计
抗风能力	≥8级
安全性能	1、红外线安全保护；2、底部安全气囊保护
绝缘保护	IP54，即使在恶劣环境下使用亦能防水防尘。
电源要求	220V/13A单相/50HZ/60HZ，IP54控制箱，符合国家电气安全标准。
手动功能	停电或故障状态下，使用普通扳手即可开启门体。
开启方式	标准：遥控及一键按钮带急停开关的按钮盒，另可选配：红外、雷达、地磁
预留端口	电控系统端口预留：红外开关、地磁开关、雷达、双门互锁。

Technical Parameter	
Servo control system	It adopts a dedicated servo system with a DSP chip as its core. The system sets the door opening height by receiving signals from the incremental encoder at the motor tail and matching the switching signal of the mechanical home position limit switch. 1. Equipped with LED fault code display 2. Steering protection: if the motor drive wires are connected incorrectly, the controller will immediately report an error and the door body stops moving. 3. Closed-loop control system consisting of torque loop, position loop and speed loop 4. The vector braking function enables the motor to stop at the expected position without an electromagnetic brake pad. The door body stops precisely at the preset limit position with zero deviation.
	Servo motor system: Encoder,Braking system, Reducer, Emergency manual opening mechanism 1. The constant torque output of the servo motor optimizes the performance of various safety protection devices such as infrared sensors, enabling rapid rebound. 2. It features strong overload capacity and can perform more than one thousand opening cycles per day under high-frequency operation conditions.
	Bothsides track heating device
Running speed	Open:0.8-1.6 m/s (adjustable), Close: 0.8-1.2 m/s (adjustable)
Curtain material	Curtain consists of 5 layers with a total thickness over 14 mm. It adopts thickened thermal insulation layers on both inner and outer sides, with aluminum foil filled in the middle for heat preservation.
Frame material	High-strength aluminum alloy and low-temperature-resistant polymer material
Sealing performance	Multi-seal design
Wind resistant	≥8 class
Safety performance	1. Photo cell 2. Safety bottom air bag
Insulation protection	Ip54, It is waterproof and dust-proof even under harsh working environments.
Power requirements	220V/13A 1P/50Hz/60Hz,IP54 control box,Conforms to national electrical safety standards.
Manual function	The door can be opened with an ordinary wrench in case of power failure or malfunction.
Opening way	Remote control,one-touch button box equipped with emergency stop switch; infrared sensor, radar and geomagnetic sensor are available as options
Reserved port	Infrared sensor, geomagnetic induction,radar,double door interlock

COLD CHAIN HANDLING SYSTEM 冷链物流 装卸货系统

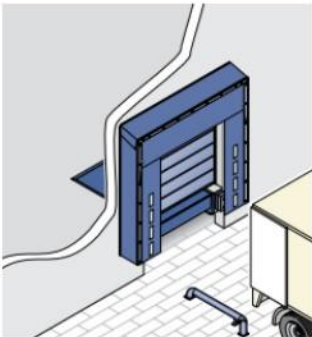


货车高度几乎相同时

当来往货车高度变化不大时,机械式的装卸平台是一个不错的选择。
如果装卸货的频率也不高,我们建议您使用手动卷帘门作为厂房大门。

推荐产品

- ★ 机械式装卸平台MLS
- ★ 手动卷帘门
- ★ 防撞块

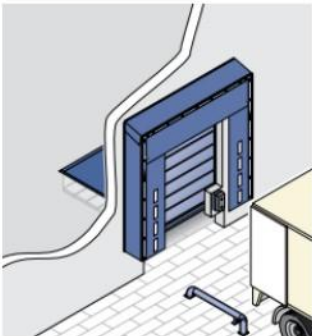


货车高度差较大时

如果来往货车有较大的高度差,液压式的装卸平台当然是最佳选择。
如果货车带有自卸货尾板,还可以非常方便的把尾板收纳于平台下方的空洞里。在一定尺寸范围内,还有更大载荷的平台供您选择。

推荐产品

- ★ 液压式装卸平台
- ★ 卷帘门或分节提升门
- ★ 门封
- ★ 防撞块
- ★ 导向轨

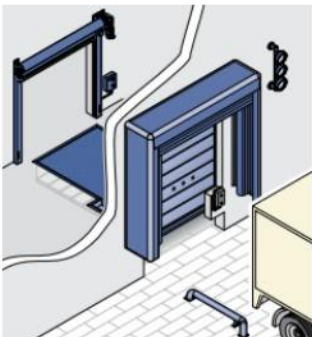


用于温控场合的保温方案

在很多时候,装卸货口并未进行装卸,大门是关闭的。
为了尽量减少此期间的热量损失,可以选择将保温性良好的分节提升门装在装卸平台的前面,同时在装卸平台的底部额外加装保温板。

DOBO系统, 冷库专用

为了防止中断冷藏或冷冻货物的冷链,货车的门只能在泊车到位后再打开。DOBO系统为您带来极高的舒适性和极低的热损耗。



推荐产品

- ★ 液压伸缩式装卸平台配加长唇板
- ★ 装卸平台底部配保温板
- ★ 分节门装在装卸平台前面
- ★ 门封
- ★ 防撞块
- ★ 导向轨

推荐产品

- ★ DOBO型液压伸缩式装卸平台,配加长唇板
- ★ 阶梯式月台
- ★ 装卸平台底部配保温板
- ★ 分节门装在装卸平台前面
- ★ 软门帘快速门
- ★ 充气式门封
- ★ 高度可调的防撞块
- ★ 泊车辅助系统HDA-Pro
- ★ 导向轨

有温控要求的厂房, 货车高度几乎相同时

这是一个既提高能效又经济实用的解决方案,大门关闭时落在厂房地面上,将厂房洞口严密封。机械式装卸平台装在厂房的外面,作为月台与车厢之间的桥梁,货车与月台之间的高度差不大。

既满足温控要求, 又不占用内部空间时

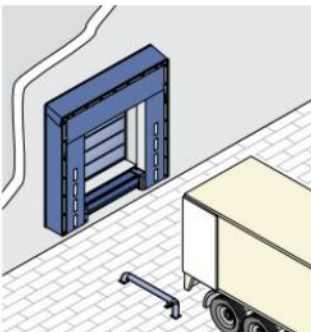
将装卸平台从厂房内部移至厂房外部,内部的空间可以被充分利用。液压式装卸平台可以适用于各种高度的货车,双层保温的工业门可以很好地对厂房进行密封。

DOBO系统是安全装卸的保障

有了DOBO系统,货车车厢门只需在装卸开始之前很短的时间内保持开启状态,避免了货物被盗的风险。即使是将集装箱整夜停放在无人看管的装卸货港也不会有问题。同时,对货车司机自身来说也更安全:他们无需下车,就可以很方便的完成泊车,避免了进入车辆与装卸平台之间的危险区域查看泊车情况。

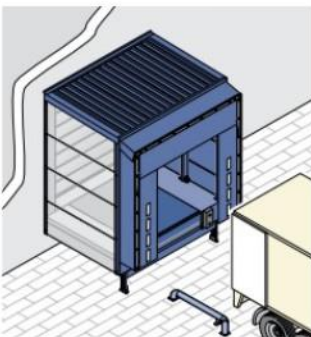
DOBO系统在冷链物流中的应用

为了更加充分利用冷库内部的宝贵空间,可以把DOBO系统与保温型装卸货间组合在一起使用。工业门装在装卸货间的前面,关闭时可以对整个装货间实现密封。同时,装卸货间的保温外墙板、装卸平台托架底部的保温板以及大门装在平台前面设计,相当于把保温区域延伸到了房外部。



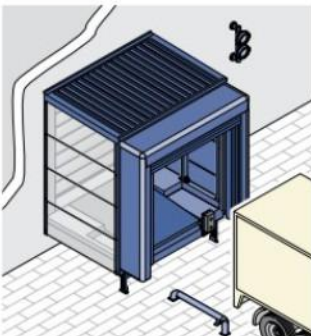
推荐产品

- ★ 机械式装卸平台MRS
- ★ 保温性良好的工业门
- ★ 进深900mm的帘板式门封
- ★ 防撞块
- ★ 导向轨



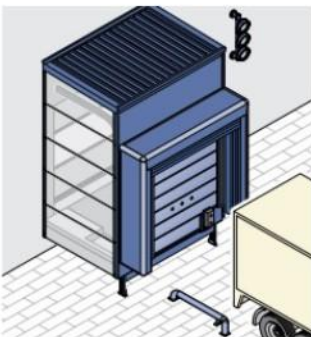
推荐产品

- ★ 配有液压式装卸平台的装卸货间
- ★ 保温性良好的分节门装在厂房内
- ★ 门封
- ★ 防撞块
- ★ 导向轨



推荐产品

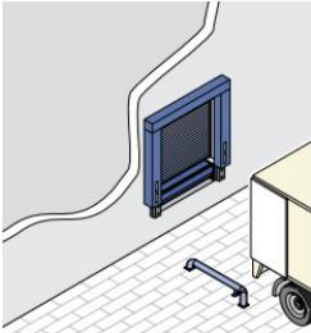
- ★ DOBO型液压伸缩式装卸平台, 配加长唇板
- ★ 阶梯式底部托架
- ★ 保温性良好的分节门
- ★ 充气式门封
- ★ 高度可调的防撞块
- ★ 导向轨



推荐产品

- ★ 保温型装卸货间, DOBO型液压伸缩式装卸平台, 配加长唇板
- ★ 阶梯式底部托架
- ★ 保温性良好的分节门
- ★ 冷库专用快速门
- ★ 充气式门封
- ★ 高度可调的防撞块
- ★ 泊车辅助系统 HDA-Pro
- ★ 导向轨

COLD CHAIN HANDLING SYSTEM

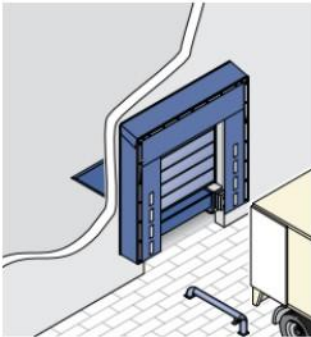


When trucks are at approximately the same height.

When the heights of trucks vary slightly, a mechanical dock leveler is an ideal choice. If handling frequency is low, we recommend manual rolling shutters as factory entrance doors.

Recommend Products

- ★ Mechanical Dock Leveler
- ★ Manual Rolling Shutter
- ★ Bumper Block



When truck height difference is significant

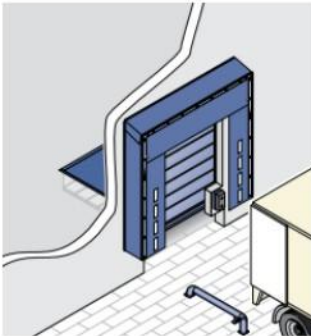
When there is a large height difference between truck and dock, a hydraulic dock leveler is undoubtedly the best choice. If the truck is equipped with a self-unloading tail lift, the tail lift can be conveniently stored in the cavity beneath the dock. Dock leveler with higher load capacities are also available within a certain size.

Recommend Products

- ★ Hydraulic Dock Leveler
- ★ Dock seals
- ★ Bumper Block
- ★ Rolling Shutter or Sectional Door
- ★ Back-up Guide Rail

Insulation Solution for Temperature-Controlled Environments

When no handling takes place, the gate stays closed. To reduce heat loss, install well-insulated sectional doors at the loading dock front and add insulation panels beneath the dock.

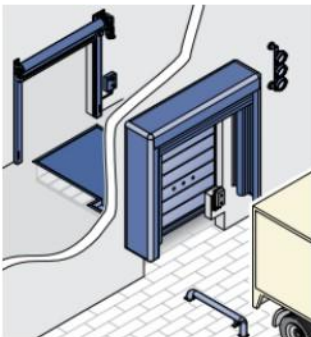


Recommend Products

- ★ Hydraulic Telescopic Dock Leveler with Extended Lip
- ★ Insulation Panels Fitted Under Dock Leveler
- ★ Sectional Door Installed in Front of Dock Leveler
- ★ Dock seals
- ★ Bumper Block
- ★ Back-up Guide Rail

DOBO System Specially Designed for Cold Storage

To avoid breaking the cold chain of refrigerated or frozen goods, truck doors may only be opened after proper docking. The DOBO system delivers superior comfort and minimal heat loss.

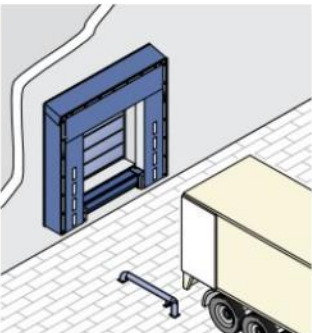


Recommend Products

- ★ DOBO Hydraulic Telescopic Dock Leveler with Extended Lip
- ★ Stepped Dock
- ★ Insulation Panels Fitted Under Dock Leveler
- ★ Sectional Door Installed in Front of Dock Leveler
- ★ Rapid soft curtain door
- ★ Height adjustable bumper block
- ★ Docking assistance system HDA-Pro
- ★ Inflatable dock seals
- ★ Back-up guide rail

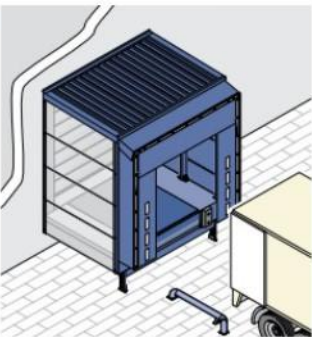
For temperature-controlled factories, when truck height is nearly the same as the dock

This is an energy-efficient, cost-effective and practical solution. When closed, the door rests on the factory floor to tightly seal the opening. The mechanical dock leveler is installed outside the factory, acting as a bridge between the dock and truck. The height difference is small.



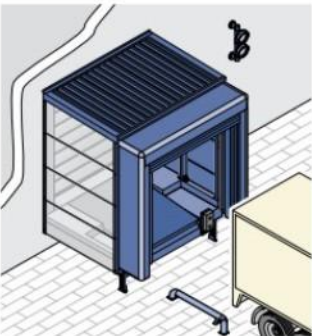
When meeting temperature-control requirements without occupying internal space

Moving the dock leveler from inside to outside the factory, fully utilize internal space. Hydraulic dock levelers are suitable for trucks of various heights, double-skin insulated industrial doors provide excellent sealing for the factory.



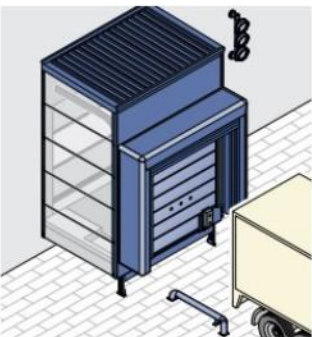
DOBO system guarantees safe handling

With the DOBO system, truck doors only need to remain open for a short period before handling starts, eliminating the risk of cargo theft. Even if containers are left overnight at an unattended loading dock, there will be no issues. Meanwhile, it improves safety for truck drivers. They can conveniently complete docking without getting off the vehicle, avoiding entering the dangerous area between the truck and the dock leveler to check the parking position.



Application of DOBO System in Cold-chain Logistics

To make full use of the valuable internal space in cold storage, the Dobo system can be combined with an insulated loading bay. An industrial door is installed at the front of the loading bay, which seals the entire bay tightly when closed. Meanwhile, the insulated exterior wall panels of the loading bay, insulation panels under the loading dock leveler supports, and the main door mounted in front of the dock leveler extend the insulated zone outside the building.



Recommend Products

- ★ Mechanical dock leveler MRS
- ★ Well-insulated industrial door
- ★ Curtain-type dock shelter with a net depth of 900 mm
- ★ Bumper block
- ★ Back-up guide rail

Recommend Products

- ★ Loading bay equipped with hydraulic dock leveler
- ★ Well-insulated industrial door installed inside factory
- ★ Dock seals & shelter
- ★ Bumper block
- ★ Back-up guide rail

Recommend Products

- ★ DOBO Hydraulic Telescopic Dock Leveler with Extended Lip
- ★ Stepped bottom bracket
- ★ Well-insulated industrial door
- ★ Inflatable dock seals
- ★ Height adjustable bumper block
- ★ Back-up guide rail

Recommend Products

- ★ Insulated loading bay, DOBO Hydraulic Telescopic Dock Leveler with Extended Lip
- ★ Stepped bottom bracket
- ★ Well-insulated industrial door
- ★ Height adjustable bumper block
- ★ High-speed door for cold storage
- ★ Docking assistance system HDA-Pro
- ★ Inflatable dock seals
- ★ Back-up guide rail

冷链仓储物流干仓用提升门 TSM—001

Sectional door for cold-chain logistics dry warehouse

多尔斯仓储干仓用提升门，是在标准提升门的基础上，根据仓储物流园使用环境、使用频率特殊设计，适用于各类仓储类物流园区。

The DOORS sectional door is specially designed based on standard sectional doors, tailored to the operating environment and usage frequency of logistics parks. It is suitable for various warehousing and logistics parks.

性能特点

- ★ 门板：针对仓储物流的使用情况，采用了特殊表面处理。
- ★ 附件：表面电泳或喷塑处理，以适应不同的仓储环境需求。
- ★ 电机电控：满足高频率开启需求，同时实现和卸货平台联控设置。
- ★ 优点：保温、抗风、密封、安全稳定。

PERFORMANCE & FEATURES

- ★ Panel: Adopts special surface treatment for warehousing and logistics applications.
- ★ Hardware: Finished with electrophoretic coating or powder coating to meet different warehousing environment requirements.
- ★ Motor control: Supporting high-frequency opening and can be interlocked with dock leveler.
- ★ Advantages: Heat insulation, wind resistance, sealing, safety and stability.



冷链物流湿仓用提升门 TSM—002

Sectional door for cold-chain logistics wet warehouse

多尔斯冷链仓储湿仓用提升门，是在标准提升门的基础上，根据冷链仓储物流使用环境、保温要求、使用频率特殊设计，适用于各类冷链仓储类园区。

The DOORS sectional door is specially designed based on standard sectional doors, tailored to the operating environment and usage frequency of logistics parks. It is suitable for various warehousing and logistics parks.

性能特点

- ★ 门板：针对冷链仓储物流的使用情况，门板采用断桥设计，采用带加热视窗，面板及背板采用铝板，或者使用特殊表面处理的彩钢板。
- ★ 轨道：使用铝合金轨道或使用电泳处理标准提升门轨道，以适应不同的冷链仓储环境。
- ★ 五金配件：使用不锈钢配件或使用电泳处理的标准配件，以适应不同的冷链仓储环境。
- ★ 密封：双密封，以达到冷链仓储对密封效果的要求。
- ★ 电机电控：满足高频率开启需求的同时，配置防护等级和冷链仓储环境相匹配的电机电控系统，同时实现和卸货平台、门封联控设置。
- ★ 优点：保温、密封、抗风、安全稳定，完美解决密封保温问题。

PERFORMANCE & FEATURES

- ★ Panel: For cold-chain warehousing and logistics applications, the door panel adopts a thermal-break design with heated vision windows. The face and back skins are made of aluminum plates or color steel plates with special surface treatment.
- ★ Track: Aluminum alloy tracks or electrophoretically-treated standard sectional door tracks are used to adapt to different cold-chain warehousing environments.
- ★ Hardware: Stainless steel hardware or electrophoretically-treated standard hardware are adopted to adapt to different cold-chain warehousing environments.
- ★ Seals: Dual sealing design meets the sealing requirements of cold-chain warehousing.
- ★ Motor control: It supports high-frequency opening, and is equipped with a motor and electric control system with protection grade matching cold-chain warehousing environments. It can also realize interlocking control with dock shelters.
- ★ Advantages: Heat insulation, sealing, wind resistance, safety and stability, perfectly solving sealing and thermal insulation problems.



铝单板提升门 TSM—003

Aluminum Single-Layer Door

多尔斯特铝单板提升门，核心是高强抗风、密封耐用、空间友好、安全智能；主打工业厂房、物流冷链、车库机库等大洞口、高频次、需抗风防尘的场景。

DOORS Aluminum Single-Layer Door High wind resistance, superior sealing & durability, space-saving design, intelligent safety control. Ideal for large-opening, high-frequency-use applications requiring windproof and dustproof performance, including industrial workshops, logistics cold chains, garages and hangars.



核心性能特点

- ★ **高强抗风，不易变形**
铝合金边框，内置加强筋与抗风杆；抗风压700–1500Pa，可抵12级台风；大跨度（宽至12m）不变形。
- ★ **耐腐蚀，寿命长**
彩涂铝板+静电聚酯/氟碳烤漆，防锈防腐，10–30年免大修；表面易清洁、不易褪色。
- ★ **密封保温，节能**
- ★ **三元乙丙胶条+硅化毛条，防尘、防水、隔音；**
空间友好，安装灵活
垂直/高位/标准/斜顶多种提升方式；门体上滑隐藏，不占地面空间；适配不同门洞与顶部空间。
- ★ **轻便平稳，低噪安全**
扭簧/配重平衡系统，电机负荷小、启停稳；运行噪音≤60dB；配防坠落、红外感应、安全气囊、扭簧防断保护。
- ★ **智能控制，耐用可靠**
遥控/按钮/地磁/光电多种控制；工业级电机（220V/380V），高频次开关耐用；防盗防撬，安全系数高。
- ★ **外观美观，定制化**
多色可选，表面压纹/平板；铝合金质感强，提升建筑颜值。

Core Performance Features

- ★ **High Wind Resistance & Deformation Resistance**
Aluminum alloy frame with built-in reinforcing ribs and wind-resistant bars; wind pressure resistance ranges from 700 to 1500 Pa, capable of withstanding Category 12 typhoons; maintains stable shape even for extra-wide openings up to 12 meters.
- ★ **Corrosion Resistance & Long Service Life**
Color-coated aluminum sheet finished with electrostatic polyester or fluorocarbon baking paint, Rust and corrosion resistance, with 10–30 years maintenance-free service life. The surface is easy to clean and fade-resistant.
- ★ **Sealing, Thermal Insulation & Energy Saving**
- ★ **Equipped with EPDM rubber strips and siliconized wool strips for effective dustproofing, waterproofing and sound insulation.**
Space-Saving & Flexible Installation
Multiple lifting modes: vertical, high-lift, standard and inclined installation. The door panel slides upward and retracts overhead without occupying ground space, compatible with various door openings and ceiling conditions.
- ★ **Lightweight, Stable Operation , Low-Noise & Safety**
Torsion spring or counterweight balancing system, reduces motor load, smooth start-stop operation; operating noise ≤ 60 dB. with cable break device, infrared sensor, safety airbag and spring break device.
- ★ **Intelligent Control, Durable & Reliable**
Multiple control options: remote control, push-button, geomagnetic induction and photo sensors. Industrial-grade motor (220V/380V) endures frequent opening/closing, with anti-theft and anti-prying design for enhanced security.
- ★ **Customizable & Attractive Appearance**
Available in multiple colors with embossed or flat surface finishes. Premium aluminum texture elevating the aesthetic of buildings.

液压翻转式装卸平台 DL—001

Hydraulic Tilting Dock Leveler

性能特点

液压翻转唇板式装卸平台是最常用的类型，可以保证货物装卸的快速、顺利进行。使用时先将平台和唇板一起抬起，将唇板翻转打开，然后将平台降至和货运车辆相同的高度。准备工作就绪，开始装卸。当装卸完成时，抬起平台，降下唇板，将平台恢复到原始位置。安装方式可以是埋设式，也可以是悬挂式。

根据客户要求可将液压油更换为低温专用（至-50℃）。

多尔斯液压翻转式卸货平台符合既定的规范和EN1398的相关标准。

PERFORMANCE & FEATURES

The hydraulic tilting & lip dock leveler is the most commonly used type, ensuring fast and smooth cargo handling.In operation, the platform and lip are lifted together first, the lip is flipped open, then the dock leveler is lowered to match the height of the vehicle for loading/unloading.Upon completion, lift the dock leveler, lower the lip, and return the unit to its original position.It can be installed either flush-mounted or suspended.

Hydraulic oil can be replaced with low-temperature specific oil down to -50℃ upon customer request.

DOORS hydraulic tilting dock leveler complies with established specifications and EN1398 relevant standards.

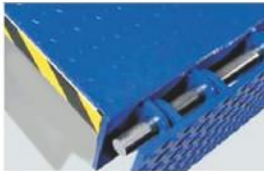


经久耐用的设计

额定载荷60kN的平台，台面可采用厚度为6/8或8/10mm的优质防滑花纹板，经久耐用，满足您长期装卸货需求。

Durable Design

For a dock leveler with a rated load of 600 kgs, the deck can adopt 6/8mm or 8/10mm high-quality anti-slip patterned steel plate. It is durable enough to meet your long-term handling requirements.



耐用的折板式唇板

开放式的唇板铰链设计，容易清理，有效防止木屑、石块等杂物在此处堆积。根据使用要求也可选择封闭式铰链。

Sturdy hinged lip plate

The open lip hinge design is easy to clean and effectively prevents debris such as wood chips and stones from accumulating. A closed-type hinge is also available according to operational requirements.



台面上方的加强筋设计

台面下方设计有多条加强筋，防止台面发生变形(车轮压痕)，其数量和设计满足并超过EN1398的要求。

Reinforcing ribs under the deck

Multiple reinforcing ribs are installed under the deck to prevent deck deformation and wheel indentation. Their quantity and design meet and exceed the requirements of EN 1398.



技术参数	Technical Parameter	值	Value
长度 (mm)	Length	2000/2500/3000/3500/4000/4500	
宽度 (mm)	Width	1800/2000/2200	
唇板长度 (mm)	Lip length	400 (500—可选)	
工作范围 (mm)	Work range	-350至+550	
液压缸数量	No.of hydraulic cylinders	标准配置一个/可选配两个	Standard 1/optional 2
载荷 (kg)	Load capacity	6000/12000 (其他请咨询)	Others,please consult us
工作环境温度 (°C)	Working temperature	-20...+50	
颜色	Color	灰色、黑色、蓝色 (其他请咨询)	Grey,Black,Blue(Others,please consult us)

喷涂前进行表面喷砂处理当温度低于-20℃时, 建议采用低温液压油

Surface sandblasting is performed before spraying. Low-temperature hydraulic oil is recommended when the temperature is below -20℃.



液压伸缩式装卸平台 DL—002

Hydraulic Telescopic Dock Leveler

性能特点

非常适用于食品、医药及冷链物流行业的液压伸缩唇板式装卸货平台是解决节能、保温、完美密封最佳解决方案。

技术参数	Technical Parameter	值	Value
长度(mm)	Length	2500/3000/3500/4000	
宽度(mm)	Width	2000/2200/2400	
唇板长度(mm)	Lip length	500/1000	
工作范围(mm)	Work range	-430至 +480	
液压缸数量	No.of hydraulic cylinders	两个Two	
载荷 (kg)	Load capacity	6000/12000 (其他请咨询)	Others,please consult us
工作环境温度 (°C)	Working temperature	-20...+50	
颜色	Color	灰色、黑色、蓝色 (其他请咨询)	Grey,Black,Blue(Others,please consult us)

喷涂前进行表面喷砂处理

Surface sandblasting is performed before spraying



平滑的搭接和过渡

平台台面与唇板之间，以及唇板与车厢之间的搭接和过渡都极其平滑，确保了装卸货过程的安全。

Smooth overlapping

Seamless overlapping between the deck, lip and carriage guarantee safe handling operation



坚固的伸缩式唇板

伸缩唇板框架经过整体加强，非常稳固稳定。唇板由整块厚度为16mm的防滑花纹板制成。

Heavy-duty telescopic lip

The frame of the telescopic lip plate is integrally reinforced for exceptional robustness and stability. The lip plate is fabricated from a single piece of 16mm thick anti-slip patterned plate.



安全可靠的控制

双主油缸的设计，对平台台面的支撑更加平稳有力。主油缸都配有急停阀，在紧急情况下确保平台的安全。

Safe & reliable control

The dual-cylinder design provides more stable and powerful support for the deck. Each cylinder is equipped with an emergency stop valve to ensure dock leveler safety under emergency conditions.

PERFORMANCE & FEATURES

It is highly suitable for the food, pharmaceutical and cold-chain logistics industries, optimal solution for energy-saving ,thermal insulation and perfect sealing.



完美的密封推荐应用于超低温超洁净场所

Perfect sealing configuration for ultra-low temperature and ultra-clean environments.

EOD简易式装卸平台

DI—003

EOD Economical Dock Leveler

性能特点

简易式装卸平台主要用于装卸货不是很频繁且没有安装固定装卸货设备的场所,适用于高于月台或者与月台高度相仿的车辆。转运桥安装在月台和装卸货车之间,能弥补最多240mm的高度差。转运桥可以用叉车进行搬运。多尔斯EOD系列平台符合既定的规范和DINEN1398的相关标准。

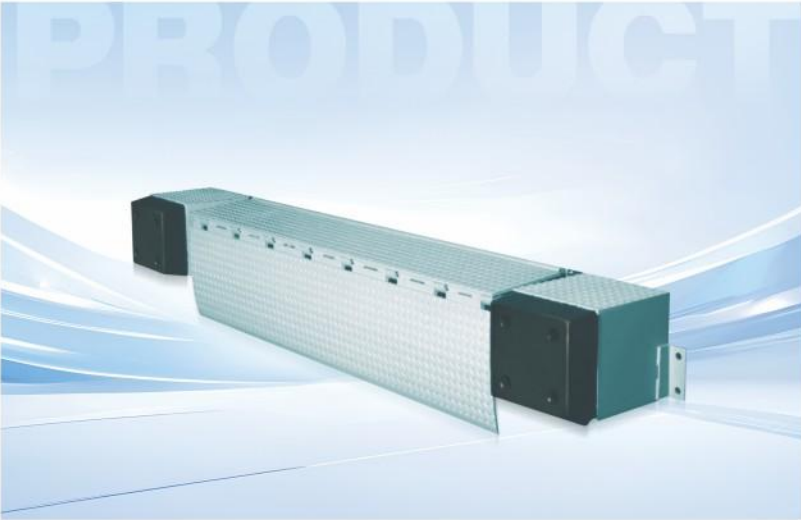
技术参数	Technical Parameter	值	Value
长度 (mm)	Length	500	
宽度 (mm)	Width	1600/1800/2000	
唇板长度 (mm)	Lip length	300 (400—可选)	Optional
工作范围 (mm)	Work range	-100至+100	
载荷 (kg)	Load capacity	6000	
工作环境温度 (°C)	Working temperature	-30...+50	
颜色	Color	黑色、蓝色(其他请咨询) Black,Blue(Others,please consult us)	

喷涂前进行表面喷砂处理
Surface sandblasting is performed before spraying.



PERFORMANCE & FEATURES

The EOD dock leveler is mainly used in locations with infrequent handling operations and no fixed handling equipment installed. It is suitable for vehicles higher than or approximately level with the dock height.The EOD is installed between the dock and the delivery vehicle, capable of bridging a height difference of up to 240 mm. The EOD can be moved by a forklift.The DOORS EOD series dock levelers comply with established specifications and relevant DINEN 1398 standards.



充气式门封

DS—001

Inflatable Dock Seal

性能特点

充气式门封主要安装在保温要求较高,需要较强密封性的地方。在装卸货时,门封的充气气囊会从各个方向紧贴车辆,达到最佳密封效果。气囊材料抗拉抗磨,在装卸货过程中,卡车尾部进入门封,气囊充气保证卡车和建筑物之间良好密封。装卸货完成后,气囊放气,气囊门封由门封控制模块控制(如果气囊门封有特殊的控制单元)。使用这种门封时,建议安装轮胎导向和金属挡板。

PERFORMANCE & FEATURES

The inflatable dock seal is mainly installed in areas requiring high thermal insulation and superior sealing performance. During handling, the inflatable air bags of the dock seal tightly press against the vehicle from all directions to achieve optimal sealing effect.The air bag material is tensile-resistant and wear-resistant. When the truck rear enters the dock seal during operation, the air bags ensure a reliable seal between the truck and the building. The air bags deflate once handling is completed.The inflatable dock seal is controlled by a dedicated control module(if equipped with a special control unit),it is recommended to install back-up guide rail and metal bumpers when using this type of dock seal.



技术参数	Technical Parameter	值	Value
宽度 (mm)	W	3410/3610	3410/3610
高度 (mm)	H	3300/3800/4900	3300/3800/4900
门封进深 (mm)	Depth	800 (其他请咨询)	800 (Others,please consult us)
顶部气囊伸长量 (mm)	Top air bag elongation	900 (1200—可选)	900 (1200—Optional)
两侧气囊伸长量 (mm)	Side air bag elongation	600	600
顶部遮光板 (mm)	Top light shield	500	500
侧部遮光板 (mm)	Side light shield	200	200
平均充气时间 (s)	Average inflation time	40	40
气囊材料厚度 (mm)	Air bag material thickness	0.5	0.5
工作温度范围 (°C)	Working temp.range	-30...+50	-30...+50

机械式门封 DS—002

Mechanical Dock Seal

性能特点

- ★ 机械式门封用于装卸货出口和货运车辆之间的密封，以保证装卸工作快速、安全的进行。标准尺寸的门封适用于从小型货车到标准欧洲卡车的任何尺寸的车辆。
- ★ 当装卸货物时，车尾一部分进入门封，所以你可以在任何天气状况下装卸货物。此门封密封效果良好，可以防止过堂风或异物进入。
- ★ 铝合金结构的可折叠式门封是中强度装卸货场所的理想配置方案。
- ★ 由特殊PVC材料制成的正面帘板，拥有高弹性，耐磨性和抗拉强度高等优点。
- ★ 在装卸货物过程中，装卸货车辆的尾部进入到门封中，顶部帘板和侧帘板能充分贴近车辆，以保证密封性。

技术参数	Technical Parameter	值 Value
宽度 (mm)	W	3000/3200/3400
高度 (mm)	H	3000/3200/3400/4400
门封进深 (mm)	Depth	600 (900—可选) 900 for option
顶部帘片 (mm)	Curtain	标准单帘片/可选配双帘片 Std.single curtain/Double curtain for option
型材颜色	Profile Color	白色 (其他请咨询) White(Others,consult us)
正面PVC厚度 (mm)	Front PVC Th.	3
侧面PVC厚度 (mm)	Side PVC Th.	0.5
工作温度范围 (°C)	Working Temp.range	-30---+50



PERFORMANCE & FEATURES

- ★ Mechanical dock seals provide sealing between loading bays and vehicles to ensure fast and safe handling operations. Standard-size dock seals fit all vehicle types from small vans to standard European trucks.
- ★ When handling goods, part of the truck rear enters the dock seal, allowing operations to be carried out in all weather conditions. This dock seal delivers excellent sealing performance, preventing draughts and outside objects from entering.
- ★ The foldable dock seals with aluminum alloy structure are an ideal solution for medium-intensity handling applications.
- ★ The front curtain made of special PVC material features high elasticity, excellent wear resistance and high tensile strength.
- ★ During handling operations, the rear of the delivery vehicle enters the dock seal. The top and side curtains closely fit against the vehicle to ensure effective sealing

海绵式门封 DS—003

Sponge Dock Seal

性能特点

海绵式门封采用耐磨的基布材料，坚固耐磨，经久耐用内部高品质发泡材料，具有98%的恢复性，而且在低于-40°的环境里依旧保持柔韧性；海绵垫具有防磨性，可以大大延长门封的使用寿命；电镀钢板衬垫杜绝以往木质衬垫可能遭遇的扭曲变形、易腐料、易受腐蚀的潜在问题；耐磨的百叶褶分布在两侧和上方，提供额外的磨损保护，有效延长门封使用寿命；黄色警示条采用反光性能的警示条，具有更好的安全性。采用可调节式顶部设计，减少空气对流，降低冷库温度的损耗，达到节能的效果。对不同的货物提供密封性能，配重式平衡系统调节更加轻松。不锈钢滑槽和下手拉柄具有更好的防锈防腐蚀能力。

PERFORMANCE & FEATURES

The sponge dock seal adopts wear-resistant base fabric, which is sturdy, abrasion-resistant and long-lasting. The high-quality sponge inside features 98% resilience and remains flexible even at temperatures below -40°C. The sponge padding is wear-proof, greatly extending the service life of the dock seal. Electroplated steel backing plates eliminate potential issues such as warping, decay and corrosion associated with traditional wooden backings. Wear-resistant pleats on both sides and the top provide extra abrasion protection to further prolong service life. Yellow reflective warning strips enhance operational safety. The adjustable top design reduces air convection and cold-air loss in cold storage areas for energy-saving effects. It delivers reliable sealing at various heights, and the counterweight balancing system enables easy adjustment. Stainless steel sliding channels and bottom pull handles offer superior rust and corrosion resistance.

