

# Product Catalog



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www.FL-doors.com

## GARAGE DOOR 车 库 门



- ◆Insulated Garage Door     车库门
- ◆Non-insulated Garage Door     单层板车库门
- ◆Rolling Shutter Door     卷帘门
- ◆Garage Door Motor     车库门电机



The Brand You Can Trust

WUXI FEILONG DOOR INDUSTRY CO.,LTD.  
无锡市飞龙门业有限公司



Company Introduction 企业简介

Wuxi Feilong Door Industry Co., LTD. is a modernization enterprise which specializes in manufacturing and marketing various **residential garage doors, industrial doors, transparent doors, rolling doors, rolling shutter windows**. High degree of automation, 10000m² production workshop, over ten years of professional experience, uniformity of operation ensure that first-class product quality to meet market demand. Our manufacturer is strictly audited by SGS and BV which are two well-known testing and auditing 3rd Parties all over the world. Our products are EURO CE Certificated and successfully tested and high quality approved by Test Institute which is authorized by European Union.

Secondly, we have high market position and are well-known in this industrial line in China with the approved quality reliability. so far our main overseas markets are European Union Countries like Western Europe, Eastern Europe, North and South Europe; North America, South America and Central America, Australia and New Zealand, South Africa, North Asia.

无锡市飞龙门业有限公司专业生产车库门、工业门、透视门、卷帘门、卷帘窗等系列产品，产品广泛应用于小区、别墅、厂房、4S店、超市等场所；我公司具备多条自动化生产线，10000平方米生产车间，10多年的专业生产经验，并通过SGS和BV两大世界知名第3方检测、认证机构的实地工厂和产品审计。我司产品还通过欧盟授权检测机构的质量认证，获得欧盟认可的CE证书。产品热销欧洲，北美以及南美，大洋洲等世界各地。



Company Honor & Certificate 企业荣誉



10-Year Original Parts Supply



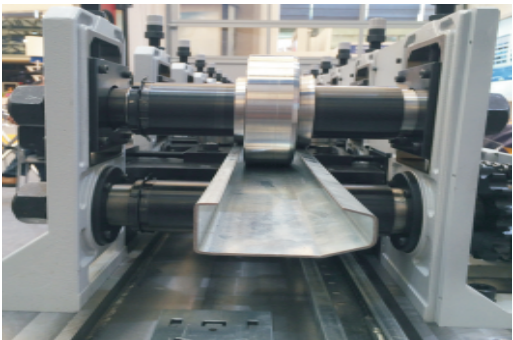
24-Month Warranty Time



Whole Life Time Maintenance



自主产品研发团队  
Independent Product Development Team



先进的生产工艺  
High-tech Manufacturing Technology



专业的技术支持  
Professional Technical Supports

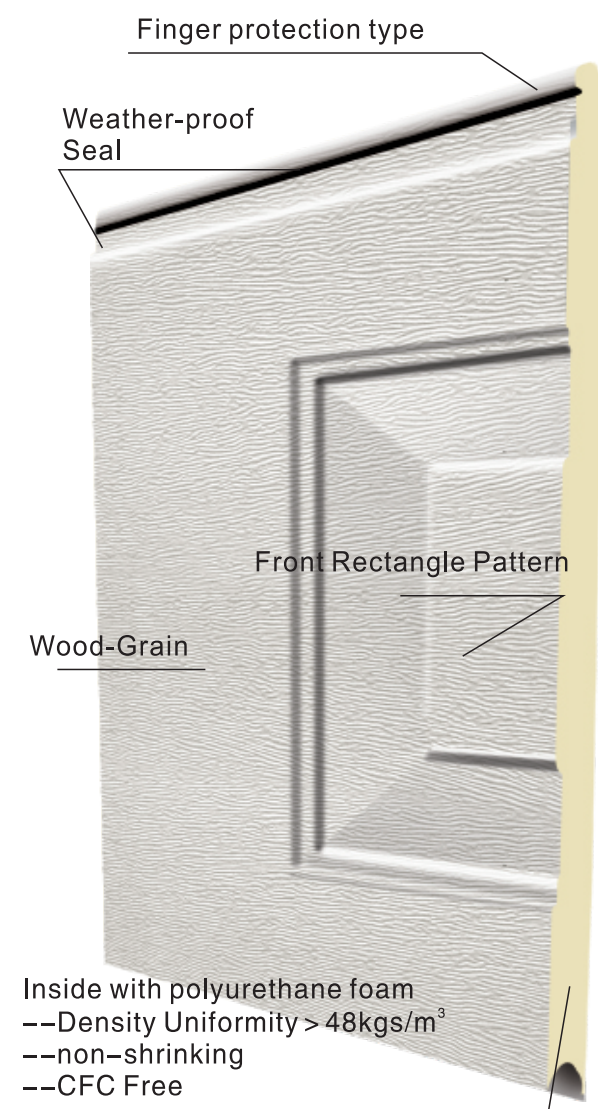


先进的物流配送  
Modern Transportation

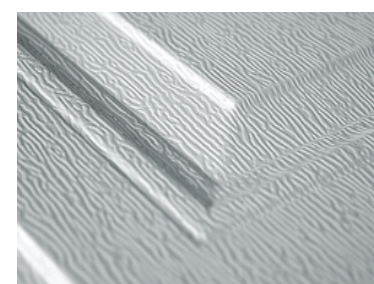




## Quality & Safety Design by FeiLong 飞龙品质的持续保持



Safety on panel: Avoid Finger Injury on Both front & Back Side  
 内外手指保护



--Elegant appearance wood-grain Texture

表面：美观木纹质地处理



--New generation upgrade plastic protection layer: Easy & Convenient to remove

门板保护膜全新换代，更易便捷整片移除。



Good Sealing Performance  
 --Each panel has own independent weather-proof seal to prevent dust,rains, etc.  
 高密封性--门板自身独立的密封条能有效阻止沙尘、雨水等进入内部。



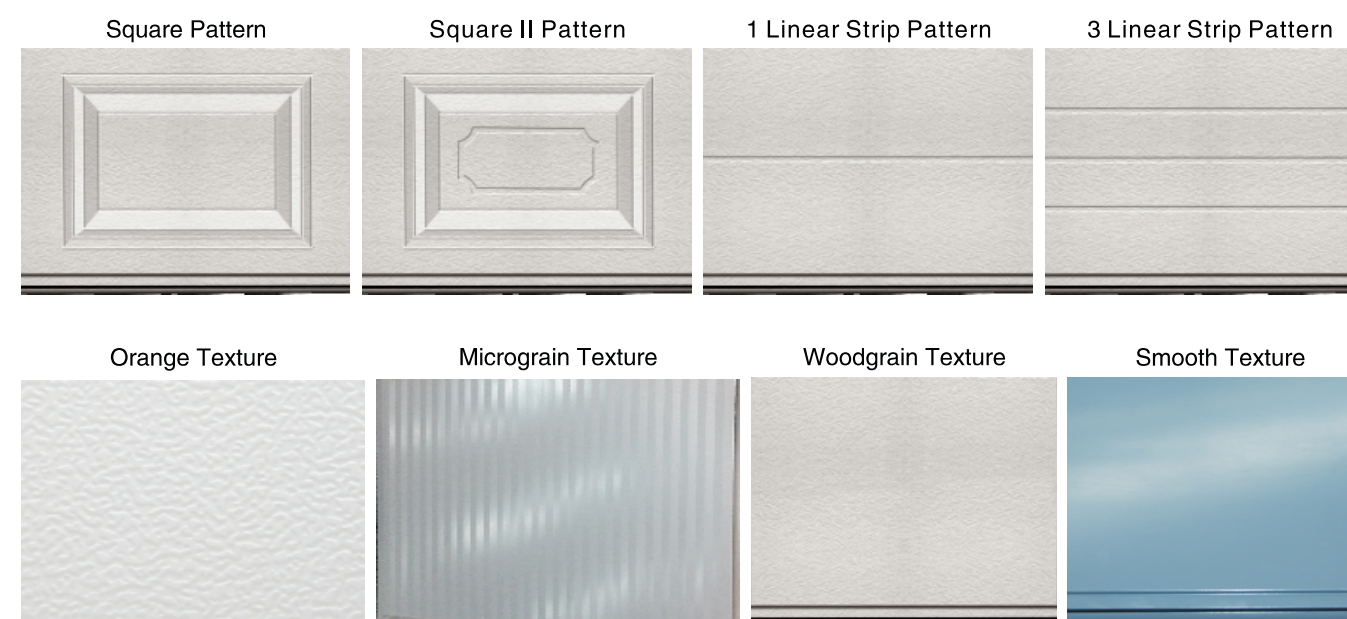
门体、电机和控制系统均通过相关检测和认证，确保实现完美匹配。



TÜV Rheinland®  
 Precisely Right

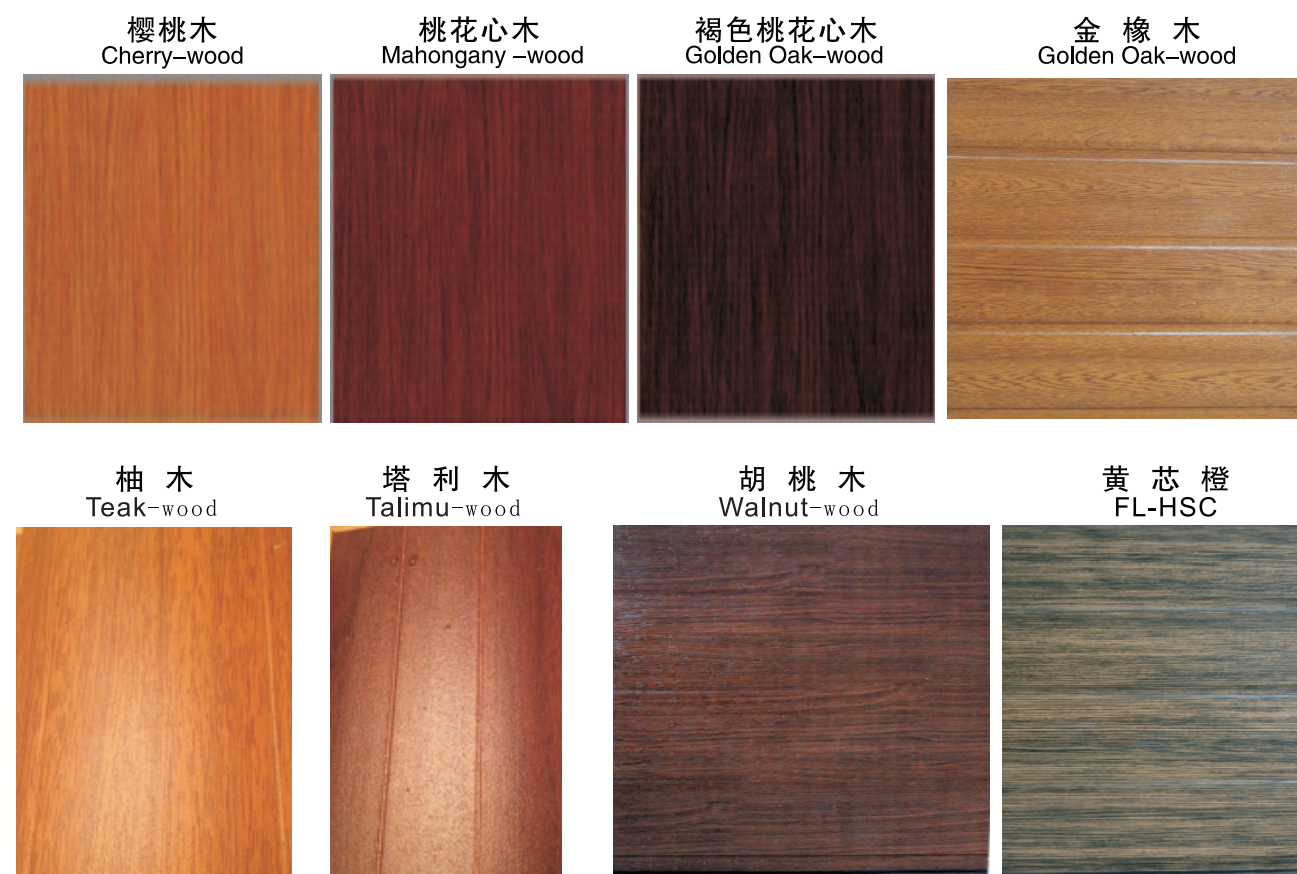


## 款式多样的门板 Various Available Design for Garage Door Panel



The color can be customized according to client's request.  
 For more color information, plz contact us or download from our factory's website.

## 多种木纹颜色 Different Wood/Timber Color Available





## Various Available Colors for Garage Door 可选多种多样门板颜色

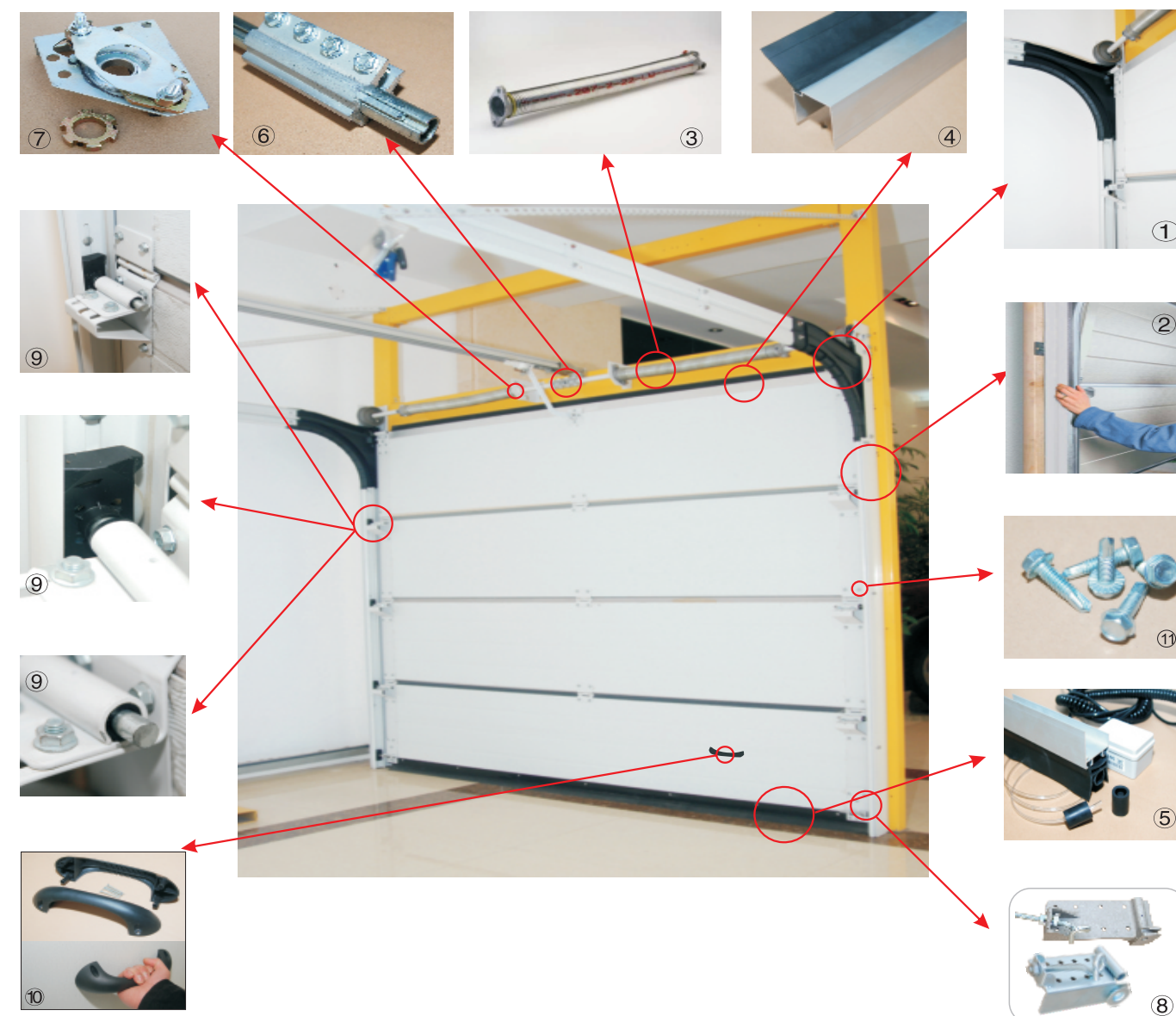


Available Colors 颜色多样



## 配件款式 Hardware System

尼龙弯轨系统 New Renovated Nylon Curved Double Tracks System.



### 1. New Renovated Nylon Curved Double Tracks System. 尼龙弯轨

- ☆ High strength, but the weight is very light 强度高，越用越牢固，质量轻
- ☆ Easily to install 便于安装
- ☆ In addition, it can be used to all complex internal space of door frame condition like low headroom. 低矮门洞结构同样适用
- ☆ Maximum reduce the chance of noise, friction, and vibration when door operating

### 2. Safety on Hardware Parts: -- Steel L-profile protection Angle beside tracks. 钢制扶轨保护

- ☆ prevent injury of fingers entrapment at the sides of the door. 手指安全保护

- ☆ -- Powder coating available 可喷色
- ☆ --Weather-proof seal included 含密封条
- ☆ --High Strength 强度高，牢固



## Hardware System 配件款式

New Renovated Nylon Curved Double Tracks System. 尼龙弯轨系统

**3. High Balance Stability: Double Torsion Spring Galvanized.** 镀锌弹簧不生锈，平衡性更好  
(Oil-tempered or Dacromet treatment spring is also available)

**4. Aluminum Top Finishing.** 铝制顶密封系统

☆ Weather-proof seal included

**5. Safety on Hardware Parts: --Aluminum Bottom Bar with Air-sensitive safety system.**  
铝制底密封系统带安全气囊保护

☆ Rebound automatically

**6. Door balance Shaft/pipe with key way:** it can be adopted one entire piece, or two pieces with middle coupler. 带槽平衡管

**7. Safety on Hardware Parts: -- Spring Break Protection:** Make the door on safety condition even if spring break. 扭簧防断保护

**8. Adjustable Bottom Bracket(Material: Zinc plated or Aluminum)**可调底部支架 (镀锌铁质或铝制)

**9. Safety on Hardware Parts: --Nylon roller Wheel and Guider** 低噪音边合页

☆ Prevent finger injury when it goes through in the track rails.

☆ Prevent roller come out of track rail even the door used over 10 years.

☆ Maximum reduce the noise

**10. Handle: -- Good Grip, not only design for Asians, but also suitable for Europeans & Americans.** 拉手: 亚、欧美都适用的大小以及握感设计

**11. All Parts in Package: -- All complete components are provided, even the screws.**  
全套部件含螺丝 (螺丝无垫片设计)

我们的门使用了最少的不同固定件，只要使用最少的工具安装。

With the high quality of garage door, our manufactory uses the minimum and special kinds of fixtures, as a result, the garage door can be installed by less installation tools.

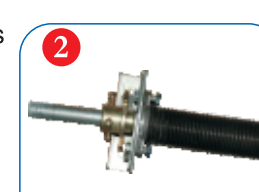


## 配件款式 Hardware System

Steel Double Tracks( include Steel L-profile protection side angle ) & Double Torsion Spring.  
铁质双轨双簧配件系统



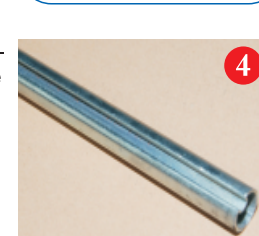
Galvanized Steel Double Tracks  
--High Strength  
--Low Headroom Available  
低空双轨



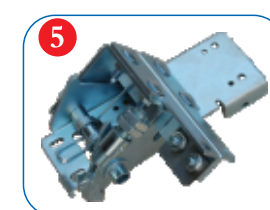
Spring Break Protection: The protection makes torsion spring shaft stop running and pauses the door movement when the spring is broken suddenly.  
扭簧防断保护



Galvanized Steel L-profile Protection Side Angle(beside double tracks)  
--Prevent finger - injury in the track rail  
--Weather-proof seal included  
--High Strength  
扶轨保护



One entire pcs with keyway  
--Galvanized  
--25mm Dia.  
带槽水管



Cable Break Protection: The protection will be blocked in the track to make the door not fall down from the top to bottom.

钢丝绳防断保护



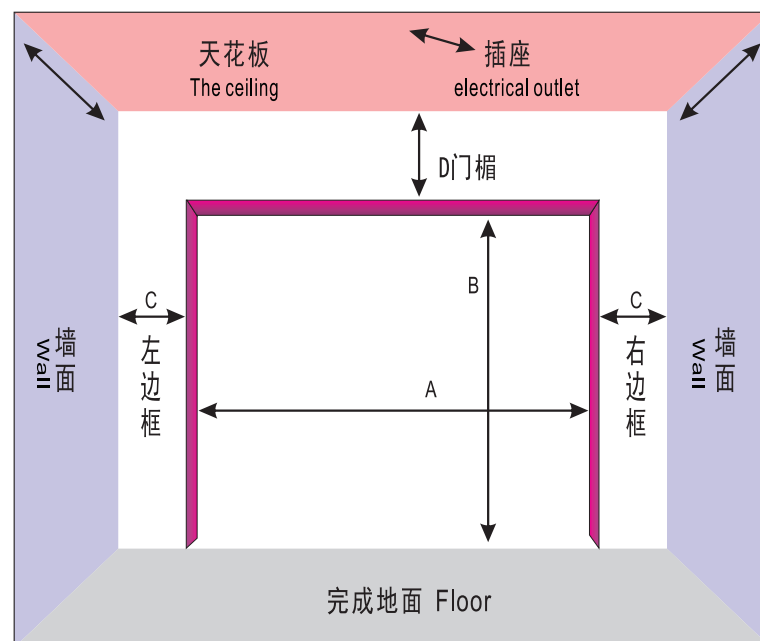
--High Strength by 4 reinforced rib  
--U shape bottom rubber seal  
底封条带有4条加强筋，强度高





## Save the space in your garage 为您打造更多的空间

### 安装须知 Attention in Installation



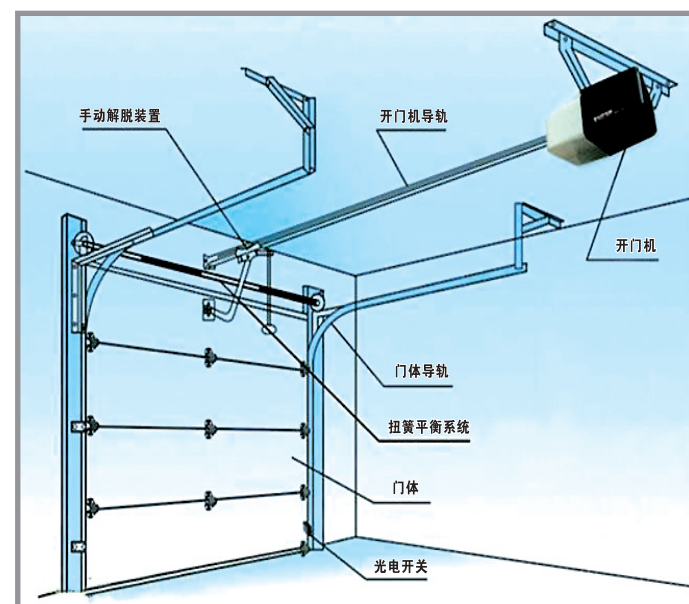
A 长度 Width B 宽度 Height C 边框 Door Jamb D 门楣 Headroom

### 技术参数表 Technical Data.

适用洞口 Main data	最大宽度(A) mm The width	6000
	最大高度(B) mm The Height	3500
洞口上沿预留 空间(DH) mm Headroom Required (DH) mm	单导轨结构DH1 For the single track structure	$\geq 300$
	双导轨结构DH2 For the double track structure	$150 \leq DH \leq 300$
	门楣最小高度DH The minimum size for door Lintel	$\geq 100$
洞口左边预留空间(C) mm The left door jamb		$\geq 60$
洞口右边预留空间(C) mm The right door jamb		$\geq 60$
电压V The voltage		110~220
频率Hz The frequency		50~60
功率W The input		150~550
启闭速度(S) The rated operation speed		18秒(S)

车库门能给您的车库更充足的阳光，更方便主人  
尤其对层顶较矮的车库就更理想了。

另外，门也可安装在侧面有限的地方，甚至对很  
小的厚度也可以有完美的交接

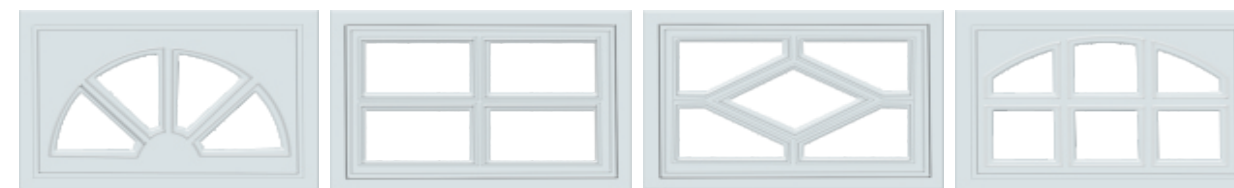


The garage door can make the light of garage  
bright and gentle. And our manufactory guaran-  
tee that our garage door can keep no-fault under  
rigorous condition and long-lasting operation.

In addition, the garage door can be installed  
on the limited space of the side wall.



## 车库门窗款式 Garage Door Available Windows



Sunrise Model太阳型 Cross Model 十字型 Diamond Model菱型 H Model房型



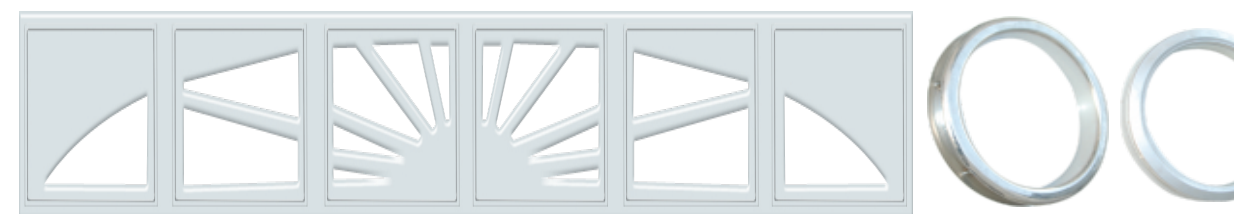
Mountain Model 山型 E Model 欧式型 Sunrise in 2 windows Model 扇子型



Sunshine Model五角型 Sunrise in 3 windows Model日出型 Sunrise in 4 windows Model分扇型



Sunrise in 4 windows Model分扇型 Sunrise in 5 windows Model放射型 Sunrise in 6 windows Model放射型 Round Model 圆窗



Sunrise in 6 windows Model放射型 Sunrise in 7 windows Model放射型 Sunrise in 8 windows Model放射型 Round Model 圆窗

## Garage Door "Side Door"beside garage door 车库门边门







## Garage Door Opener & its Control System 车库门电机及控制系统

多种可供选择的电机 Different Model Available

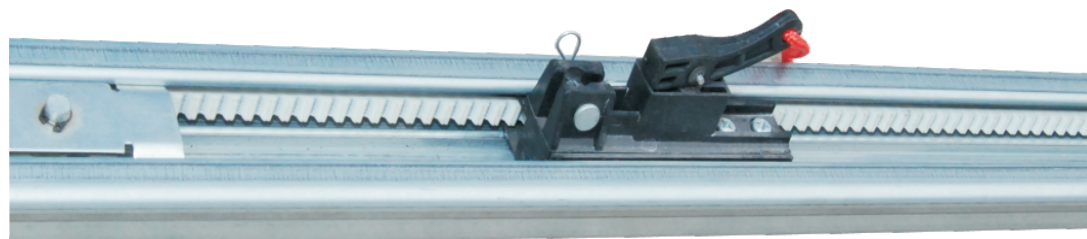


不同款式的驱动杆 Different Driven Style

钢制轨道链条传动方式 Steel with Chain Driven



钢制轨道皮带传动方式 Steel with Belt Driven



铝合金轨道链条传动方式 Aluminum-alloy with Chain Driven



多种款式的遥控器 Various Design for Remote Control



多种多样的外接配件提供: Various Available Connection Parts



蓝牙系统  
Bluetooth

无线墙壁开关  
Wall Switch(Wireless)

无线密码锁  
Security Keypad (Wireless)

储备电源  
Back-up Battery

### Technical Specifications:

扭力Lifting	600N	800N	1000N	1200N	1500N	1800N
门体Door	8m <sup>2</sup>	10m <sup>2</sup>	12m <sup>2</sup>	14m <sup>2</sup>	16m <sup>2</sup>	18m <sup>2</sup>
电源 Input	110 or 220× (10±%) VAC 50-60Hz					
马达 Motor	24VDC					
温度Temperature	20°C~+50°C					
湿度 Humidity	≤90%					
频率 Frequency	433.92MHz					
编码 Coding	Rolling code					
电池 Battery	27A 12V					
照明 Lamp	24V 5W					
提升速度 Lifting Speed	13-15cm/s					
遥控距离 Remote Control Distance	30m					



## Non-insulated(Single-skin) Sectional Garage Door 单层板车库门

An attractive, affordable and reliable residential garage door

- Remote Control(Automation)
- Non-insulated
- Garage Door Windows Available



门板强度、抗风性大大增强并节约用户成本。此外，门板采用内外烤漆处理，使得门板耐腐蚀，使用周期长。产品广泛适用于住宅，工厂车间等场所。

## 单层板车库门 Non-insulated(Single-skin) Sectional Garage Door



- Single skin
- Non-insulated Model
- Finger protection
- Steel reinforced Rib



- Elegant appearance
- Automatic by Remote Control
- Various Color Available

### Introduction

The single skin (non-insulated) garage doors are stable and easy install. Each section door panel is reinforced by steel reinforced rib inside. This technique makes the single skin garage doors more powerful and high strength. The surface can be powder coating in various available colors in order to reach client's request.

- Finger Protection model panels
- Size can be customized according to client's request
- Elegant appearance like insulated sectional door
- Material of door sheet: Galvanized Steel Plate
- Various door pattern designs like square, square II, 3 linear strip, 1 linear strip, etc. can be made
- Various Color available
- Various garage door windows available



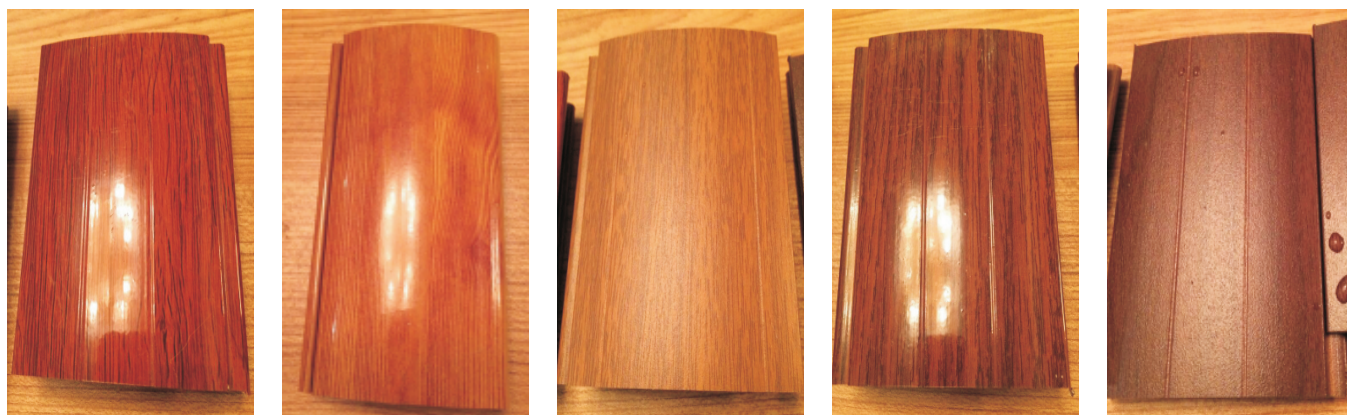
## Rolling Shutter Door Series 卷帘门系列



门片可采用新型双层铝合金或镀锌钢板双层滚压成形，亦可是单层较厚的钢制帘片配置加强筋形成高强度门体。表面经多层烤漆处理，中间填充聚氨酯绝热发泡材料，采用精密的生产工艺及制造技术生产而成。

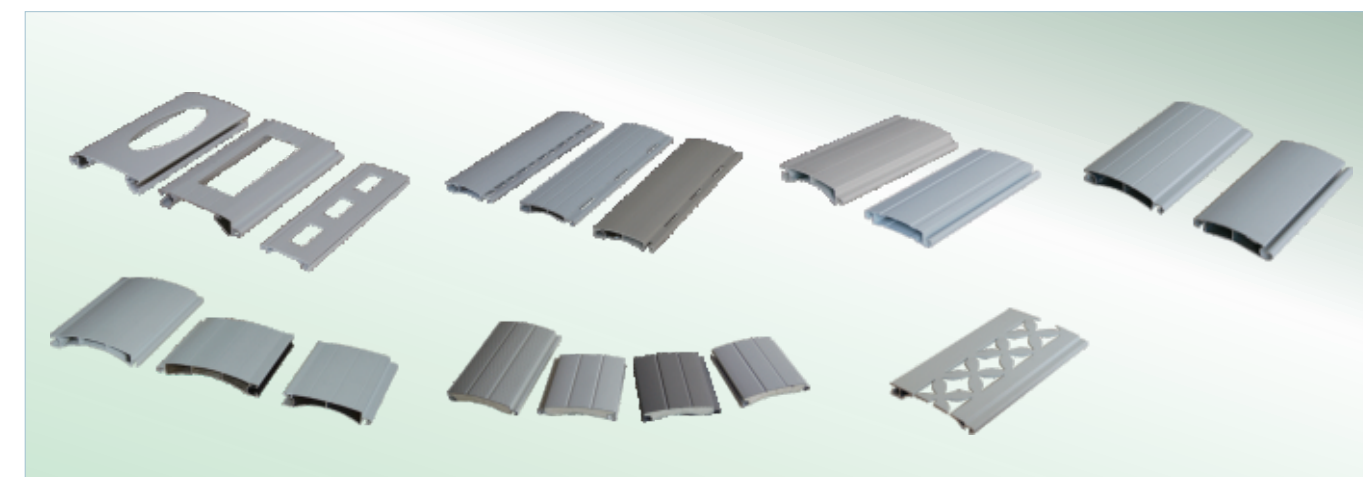
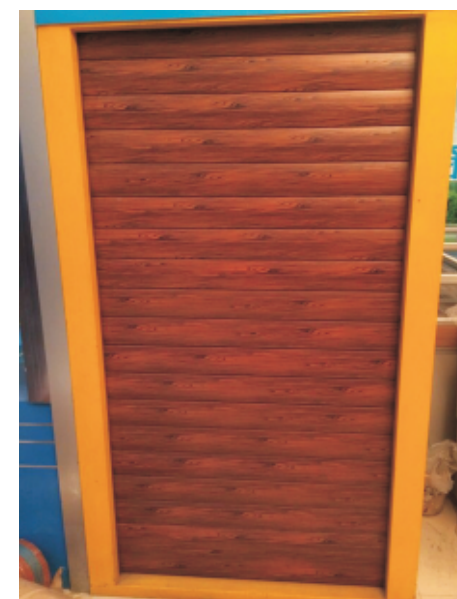
The rolling shutter panels adopt advanced technology on the producing line based on the international standards. It's made of high quality and new type double layer aluminum alloy profiles or thick galvanized steel plate with steel reinforcement. In addition, inside part will be filled up solid polyurethane foam. Due to the unique technology and procedures, so the manufacturing process is be strictly tested and measured to guarantee high quality of products. Therefore, the rolling shutter doors have advantages of easy to install, high rigidity, elegant appearance, anti-solarization, antisepsis, fastness, pry-proof, noise-proof, heat insulation, and save space and so on. Our manufactory can also manufacture the rolling shutter doors based on the customers' needs.

多种多样的卷帘门门片  
Various Available Different Model Rolling Slats  
Timber color available



- 安装便捷，不占用车库顶部空间。
- 隔热保温，外观典雅，耐老化，不变色。
- 可根据需要配置使用多种规格型材。
- 开启方式可为手动、电动与无线遥控方式，并可加装储备电源。
- 具有遇障碍物停止功能。
- 具有防撞功能，防上撬力可达600kg。
- 停电时能用手动开启，配置室外离合装置，在室外轻松拉起门体即可开启。

The rolling shutter door can be opened by manual operation, electric operation, and remote control method, in addition, it can also has added reserve battery. Rebounding automatically when base of door panel meets barriers; Designed to prevent picking, and the pickproof power can be 600kg. The door can be opened by manual operation if power failure. Meanwhile, the door can also be opened easily through the outside safety clutch.





## Rolling Shutter Door Series 卷帘门系列

### 管装电机说明

- 外形设计新颖小巧，内置于主轴中。
- 停电后可以手动离合。
- 主机采用静音设计运行时低噪音。
- 密码的设置与调试方便、快捷。
- 主机采用电脑自动识别、储存密码系统，无重码。
- 遥控距离大于30m

### Introduction of Tubular Motor

Light weight, long operation life, excellent performance.

The door can be opened by manual operation if power failure

The design for noiseless can make the door smooth, and stable.

Easy for code setting, and convenient for adjusting.

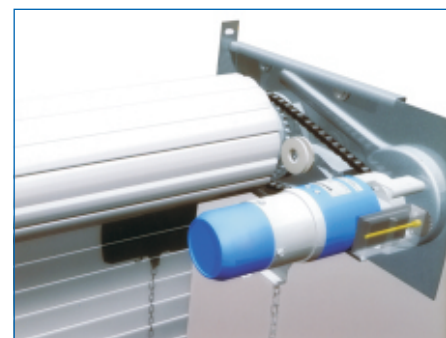
The motor adopts automatic computer-recognition, cryptographic system, and non-repeating codes.

The distance of remote control is no less than 30 meters.



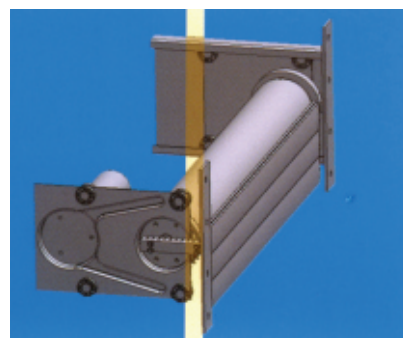
### 主动滚动支撑卷门机

Motor of Rolling Shutter Doors



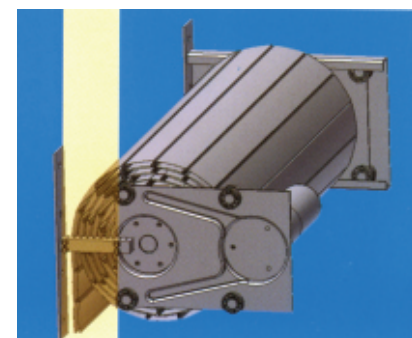
### 开启状态

The opening status

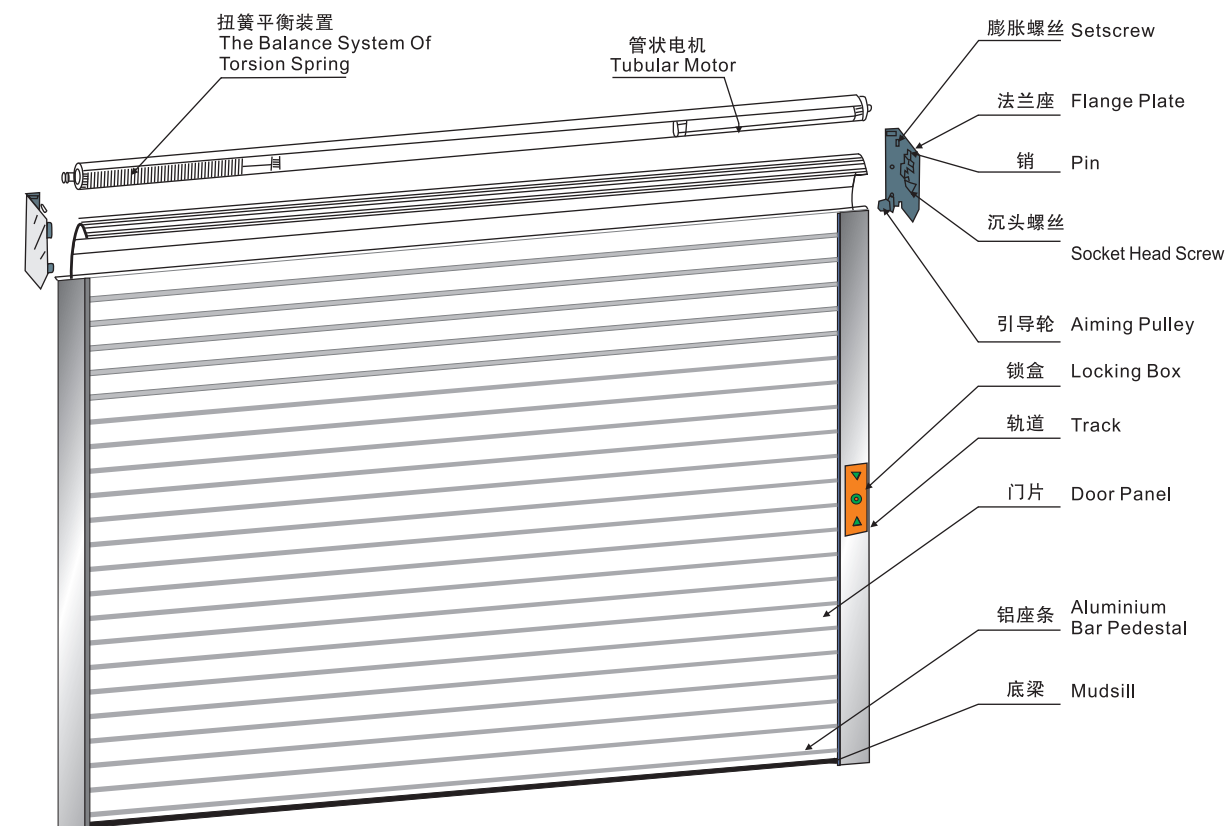


### 关闭状态

The closing status



## The Diagram Of Installation Of Rolling Shutter Door 卷帘门安装示意图



### 卷帘车库门安装

- 开口两侧边距应 $\geq 70\text{mm}$ ，如 $\leq 70\text{mm}$ ，则应加垛，使其满足 $70\text{mm}$ 的侧边距，开口两侧门垛上不能有管道等障碍物，如有，则应使障碍物到开口边的距离满足 $70\text{mm}$ 。
- 门洞口的墙面必须平整、垂直。
- 依据门洞实际情况和用户需要，可采用外装、中装、内装三种安装方式。
- 沿开口棚顶左侧 $0.3\text{m}$ 处，布设 $220\text{V}$ 单相圆孔普通电源插座一个。（要求接地）

### The installation for rolling shutter door series:

- Measure the width of left/right door jamb, which should be more than  $70\text{mm}$ , if the width is less than  $70\text{mm}$ , it should add the gatepost to reach the  $70\text{mm}$  requirement, and check if there is any obstacle on doorhole, ceiling or gatepost of both sides. So as to ensure the good operation for doors.
- The wall surface must keep no barriers and the door profile should keep perpendicular..
- According to the practical situation and customers' requirement, the door can be installed by any one of outsider, middle, or insider installation methods.
- One set of electrical outlet with  $220\text{ voltage}$ , single-phase circuit should be preburied at the side wall which is positioned  $0.3\text{m}$  to the doorhole.

### 四种安装方式

Four Installation Methods

