JBL ENTRANCE

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Engineering-Controlled Door & Entrance Project Solutions

JE-1005

Industrial Sectional Door

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DELIVERED

Sectional door experts provide you with reliable and cost-effective solutions for garage doors and industrial sectional doors.



Workshop & Testing Facilities

Supplier manufacturing and product information

Panel Production & Material Preparation





Advanced Manufacturing Process



Advanced Manufacturing Process

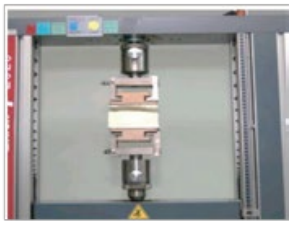


Automated Forming Line

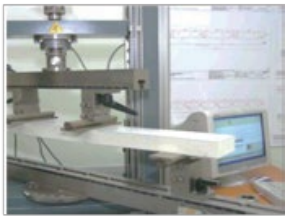


High-Precision Cutting

Testing Facilities



Material Strength Test



Panel Compression Strength Test



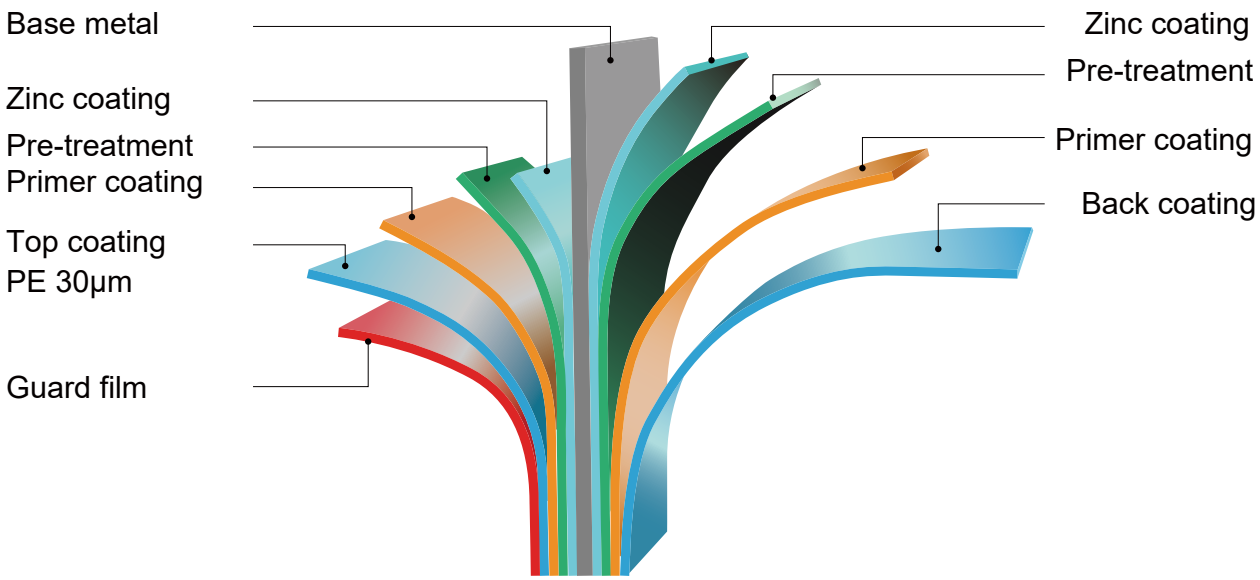
Pre-painted Steel Salt Spray Tester



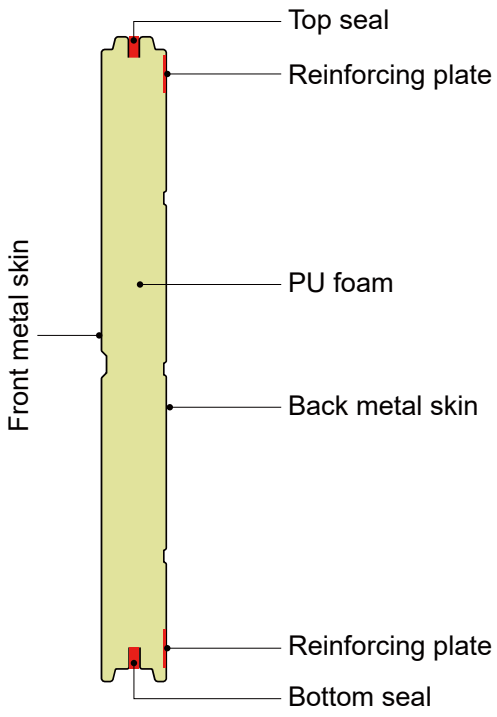
Torsion Spring Life Cycle Tester

Panel Construction

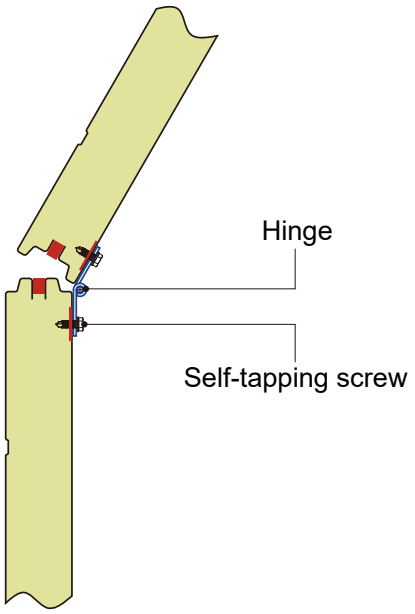
PPGI diagram



Panel Structure



Panel Jointing



Panel Thickness & Finishes

Panel Thickness (mm)



40 40 43 50 60 75 80 43+60 50+105

Aluminum Panel Colors

White
(RAL 9016)



Silver Grey
(RAL 9006)



Textured Grey
(RAL 7016)

Steel Panel Colors & Wood Grains

White
RAL 9016

Pearl White

Beige
RAL 1015



Silver Grey
RAL 9006



Anthracite Grey
RAL 7016



Iron Sand



Flame Blue
RAL 5003



Fire Red
RAL 3002



Chocolate Brown
RAL 8017



Jet Black
RAL 9005



Textured Grey
RAL 7016



Textured Black



Golden Oak



Black Walnut



Sable



Honey Oak



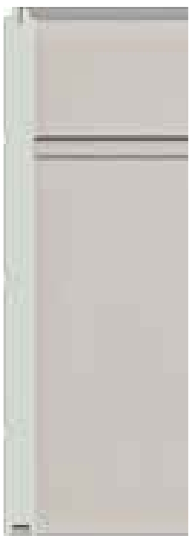
Aged Bronzewood



Floor Pattern

Panel Patterns

Standard Panel Patterns


Top 1 line


Middle line


Top 2 lines


3 T lines


Middle V line


3 V lines


Fine ribs


4 V lines


Flat


Smooth

Standard Panel Options

A wide range of standard panel thicknesses, standard colors, and standard patterns is available to meet different project needs for insulation, strength, appearance, and budget.
Custom colors, special thicknesses, and additional patterns are also available upon request.

Applications & Product Advantages

Supplier manufacturing and product information



Applications

Suitable for factories, warehouses, workshops, garages, and logistics passages.
Multiple lift configurations are available to match different building layouts and site conditions.
Manual and automatic control options are available for different project needs.

Product Advantages

Most key components are manufactured in-house for better quality control.
High-quality composite panels provide strong insulation, sealing performance, and structural strength.
A scientifically matched counterbalance system ensures smoother operation and easier handling.
Multiple safety protection features improve long-term reliability.

Built-in Pedestrian Door







Wicket Door Lock



Wicket Door Switch



Wicket Door Hinge

Wicket Door / Built-in Pedestrian Door

The industrial sectional door can be equipped with a built-in pedestrian wicket door (outward opening type), allowing convenient daily access without opening the entire main door. This improves traffic efficiency while reducing heat loss and unnecessary door operation.

The wicket door frame is made of high-strength 6063-T5 aluminum profiles and uses gear-engaged hinges, which provide better stability and durability than conventional hinge designs.

For safety, the wicket door is equipped with an interlock safety switch. When the wicket door is open, the main door cannot be operated, helping ensure safer use during daily operation

Optional Accessories

Industrial Vision Window



Industrial sectional doors can be equipped with a built-in vision window. The standard size is 650 × 320 mm, with stable installation, suitable for various industrial door and garage door projects.

In addition to the standard size, custom sizes and styles are also available upon request.

Complete Industrial Door Hardware Set



The supplier can provide a complete hardware solution for industrial doors, including torsion spring systems, track hardware, rollers, hinges, cables, brackets, and various installation accessories.

The components offer good matching performance, easy installation, and stable operation, suitable for different industrial door and garage door projects.

In addition to the standard configuration, different specifications and hardware solutions are also available upon request.

Industrial Door Servo Operator

ISD Series - SERVOX

Optional



Model	SV80-ISD / SV120-ISD / SV140-ISD
Voltage	1N~220-240VAC 50 / 60Hz / 1N~110-120VAC 50 / 60Hz
Motor power in W	400 / 750 / 1000
Rated output torque in Nm	60 / 100 / 120
Max.output in Nm	80 / 120 / 140
Speed in RPM	5-50
Diameter hollow shaft in mm	25.44 / 31.75
Endurance in c/h	60
Waterproof and Dustproof Rating	IP54 (IP65 optional)
Limit setting and door travel	Absolute encoder
Emergency release	Chain hoist
Max. door area in m^2	25 / 49 / 60

Safety Protection Devices



Finger-Safe Panel Design

The panel joint adopts a finger-safe design to reduce the risk of finger injury during door operation.



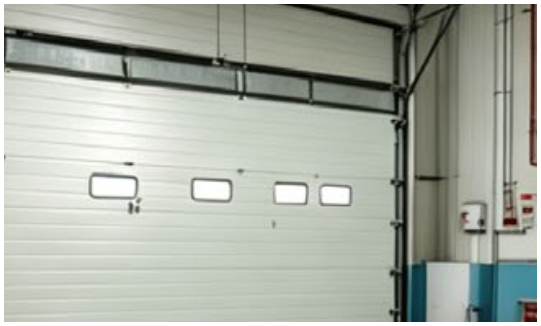
Spring Break Protection Device

If the torsion spring breaks unexpectedly, the safety device will immediately lock the shaft to prevent the door from falling suddenly.



Wireless Safety Bottom Edge

If the door encounters an obstruction while closing, the safety bottom edge will trigger a quick rebound to protect people and goods below. The battery life can normally reach about 3 years and includes a low-battery reminder function.



Infrared Photocell Protection

During door closing, if a person or obstacle is detected below, the door will stop or reverse immediately.



Cable Break Protection Device

If the cable breaks, the safety device will be activated immediately to stop the door from falling.



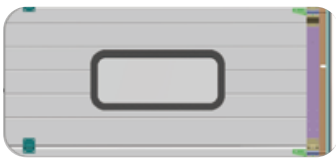
Safety Light Curtain (Optional)

The safety light curtain provides multi-beam infrared protection during door closing. Once a person or obstacle enters the protected area, the door will stop or reverse immediately.
It is suitable for projects with higher safety requirements, with an operating distance of 1-8 m, response time of ≤100 ms, and protection level of IP54.

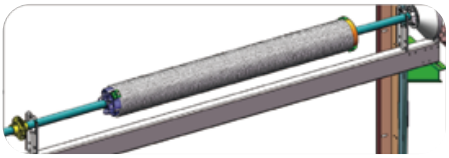
Industrial Sectional Door Structure

Square-Pattern Overhead Sectional Door





Door Panel System



Counterbalance System



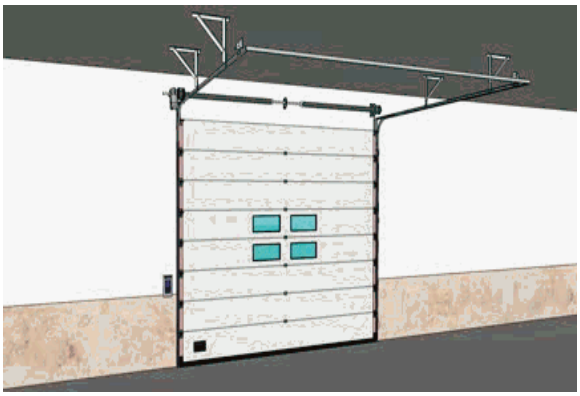
Track System

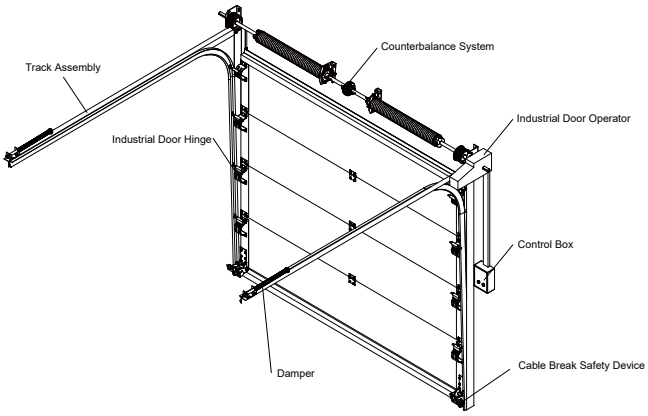


Control System

Industrial Door Lift Types

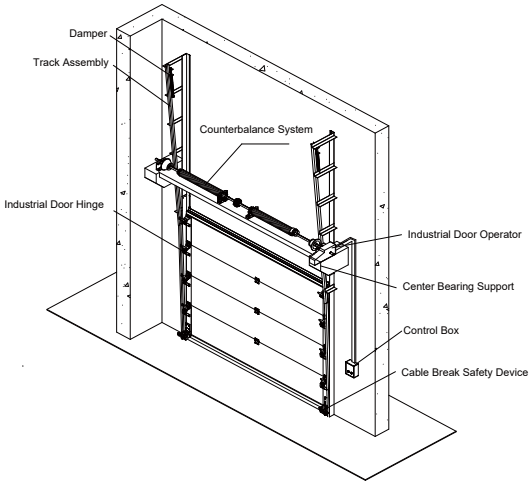
Standard Lift



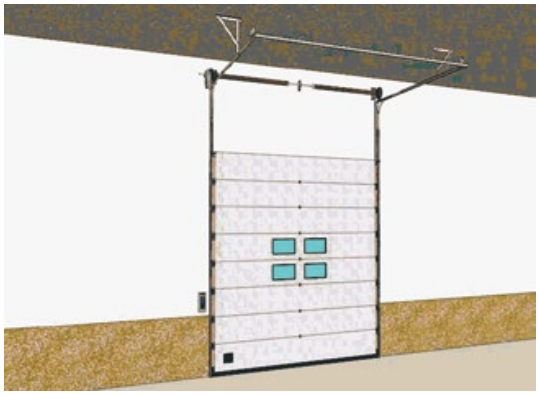


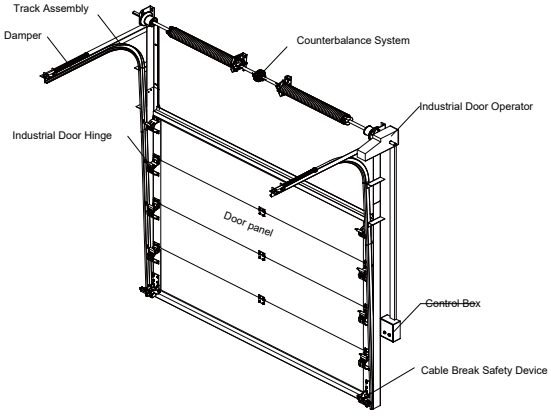
Vertical Lift





High Lift





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Product images, component references and specifications are reproduced from the supplied industrial sectional door brochure. Factory and testing photographs refer to supplier facilities.

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