

# DISCOVERY

## METAL



# SHANDONG DISCOVERY METAL PRODUCT CO., LTD

founded in 2010, is a large aluminum fabricated enterprise for one-stop customization and manufacture service. The company is located in Dongcheng industry park, Linqu Country, Shandong, adjacent to the largest aluminium fabrication center in North of China, the excellent geographical location advantages of closing by the Railway and Expressway is bring huge chance for development and cooperation.



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**DISCOVERY METAL** covers a manufactured area of 30,000 square meters with full series automated production equipment to meet with deep-processing demands. Products range is covering all of the garden application now. The company has been committed to developing the gardening application products and related industry solution to customers for over 20 countries with the top standard.



# COMPANY



**Automatic Cutting**



**Punching machine**



**Accessories Processing**



**Folding Processing**



**Automatic CNC Drilling Machine**

## WORKSHOP

Our factory has CNC machine, welding machine, bending machine, and powder coating production line, wood color lines. With ability of producing millions of square meter for many kinds of fences yearly, we can ensure that products could meet different requirements of different construction customers.

## INSPECTION

Quality checking is accompany each program with us as quality guarantees the future! From material to each processing, packing and before loading, quality first is the base of development!



**Thickness inspection**



**PC microns inspection**



**Dimension inspection**



**Flatness check**



**Hardness inspection**



**Surface inspection**



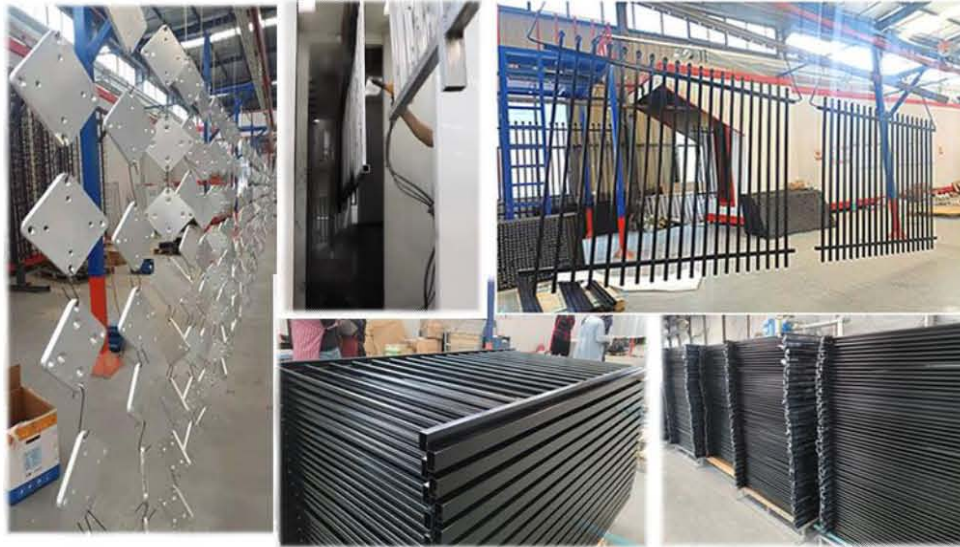
# Powder Coating Production Line



**Powder coating & Wooden** for surface is the soul of the products design, and its showing the house's style and grades, which as a separated processing line for custom various colors based on different markets.



## Package & Loading



## Aluminum Gate

- ## Aluminum Fence

- ## Aluminum Railing

- ## Commercial Products

- **Dock System**
- **Pergola System**
- **WPC Fence**
- **WPC Decking**
- **Laser Cutting Screen**





# ALUMINUM GTAE

Type: double swing gate, sliding gate, pedestrian gate, welding gate, folding gate etc.

Size: width 2.0-6.0m, height 1.0-2.5m or customized ;



Double Swing Gate



Sliding Gate



Pedestrian Gate





**PROJECT  
SHOWING**

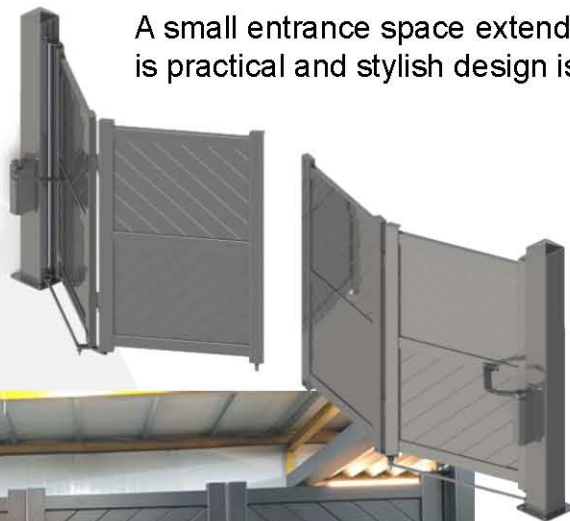


Gate design can choose from the catalog or custom based on the drawing / picture as your opinions and real demands. If need to recommend the popular types, also be welcomed!



## Folding Gate

A small entrance space extends various different designs, which is practical and stylish design is widely respected.



## Telescopic Gate



### Automation

Input voltage-  
110V/220V, 50HZ;  
Operating voltage-  
DC24V





# Cantilever Sliding Gate



## --CUSTOMIZATION & MANUFACTURE --

As an create new gate design, freely custom infill slats to improve the exquisiteness is the main feature.



## Heavy-duty aluminum cantilever gate

Heavy duty aluminium cantilever gate is one of the main popular products in 2023, with the 360x255mm bottom rail support that the maximum span to be around 8-10 meter, which is extensive applicable for industrial parks, residential communities, schools, hospitals etc. Meanwhile, the infill parts are completely customized for various different designs, such as full privacy slats, louver slats, laser cutting screen etc.



## Components



Carriage Wheel



Gate Guide Wheel

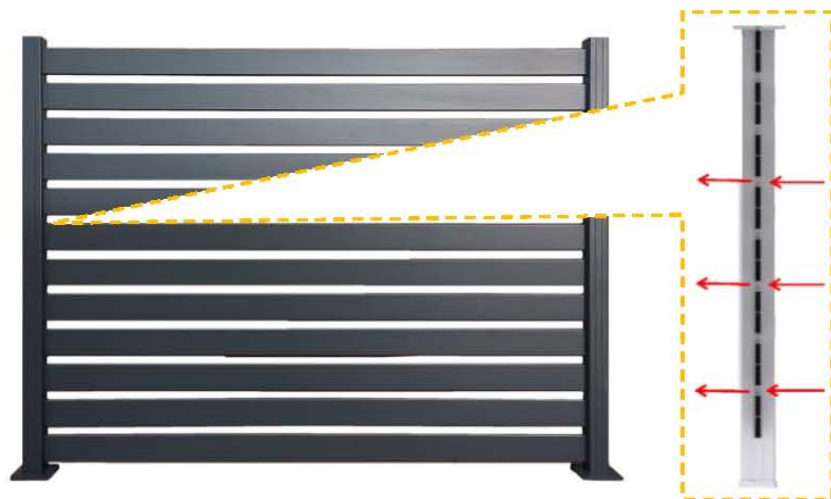


Gate End Stop



Steel End Cap

# ALUMINIUM FENCING



## Specification

- Popular size-2.0x1.8m, 1.8x1.5m or Custom ;
- Popular color-Black, Grey, White or Custom;
- Spacer height-10mm to 30mm or custom;
- Matched Post-S70 Post or Multi-angle Post;
- Accessories-Aluminium strip, Screws, cap, etc.

Code - **S70** Aluminum Post;  
 Solar LED Light white/warm lighting;  
 Height - 1.9 /2.4m or custom;  
 Popular color-Black/Grey/White or custom;  
 Accessories - Base plate, Cap, filler strip, Screws, etc.





**S50** Post with Channel for installing, which is cheaper but same strong.



Customized Colors can meet with various aesthetic requirements of modern architecture. .



# Privacy Fence

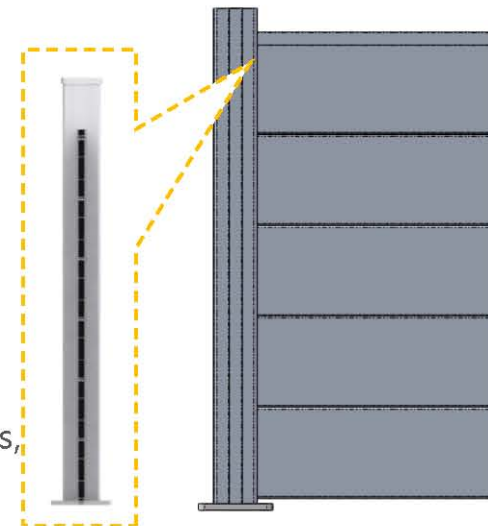
## Specification

Popular size-6'x6'/8'x6' or Custom;

Popular color-black/grey or Custom;

Matched Post-S70 or Multi-angle Post;

Accessories-Filler strip, Screws, Cap or LED light, etc.





**S100** Post with U Channel;  
Fence Slats 100x16x1.2mm;  
Horizontal Installing for full  
privacy;

**S100** Post with U Channel;  
Fence Slats 100x16x1.2mm;  
Slats were assembly just tighten  
on post for Vertical Installing;



## Combined Fence System

Laser cutting screen/Aluminium/Galvanized/Corten screen  
Max size: W1450 x L2400mm, thickness-2.0-5.0mm.

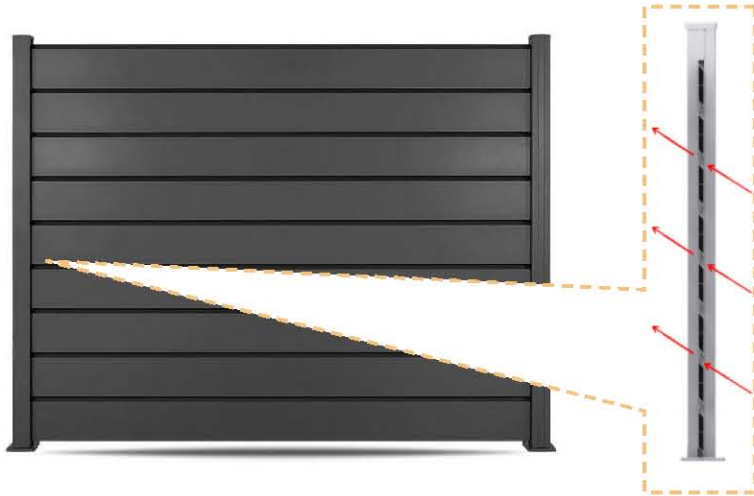




## Louver Fence

Louver fence provide various solutions for exterior improvement projects. The major benefit is the ability to allow airflow while still maintaining a semi privacy look.

Our louvers are built with 4-3/4" aluminum diamond blades that are fully insert in S70 aluminum post with customized brackets to insure the blades stability.





# BLADE FENCE



Blade fence system;  
Blade slats - 38 / 65 / 100 mm or custom;  
Blade support - 40 / 50 mm or custom sizes;  
Popular colors - Black / Grey / Cream / White / Brown;



# Security Fence





## All Terrain Rackable Fence



Max corner expand to 120°;

Min corner shrink to 60°;

Max lifting angle to +45°;

Max dropdown to -15°;

Popular size-8'x6' or custom;



## Welding Gate





## Pool Fence & Gate



### Specification

- Popular size-2400x1200mm or Custom ;
- Popular color-Powder Coating Black, White or Custom;
- Rail-38x25x1.5mm, Pickets- $\Phi$ 16x1.20mm;
- Matched Post-S50 Post with 1300mm/1800mm;



**PROJECT  
SHOWING**





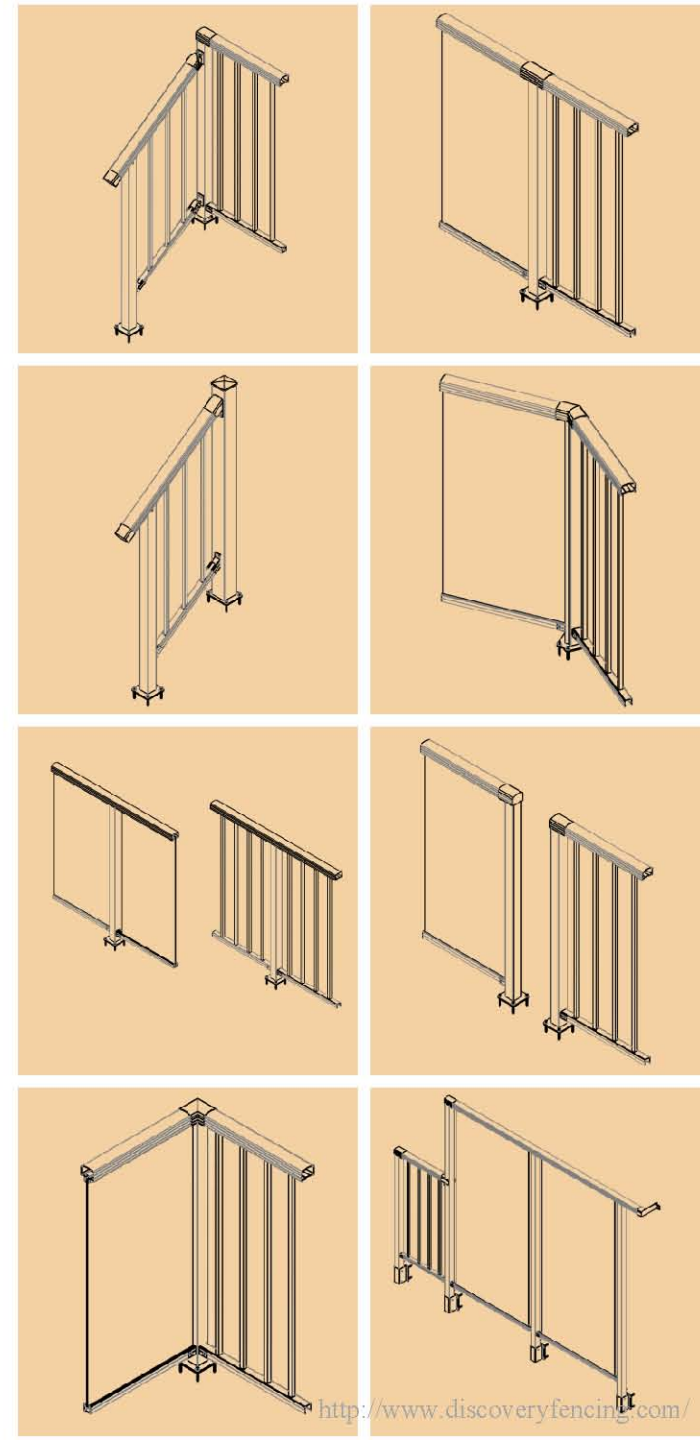
# ALUMINUM RAILING

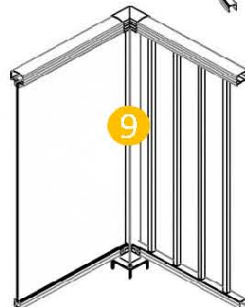
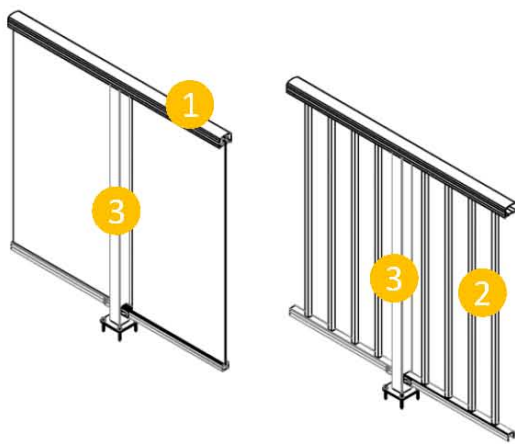
Type- Deck railing, Stair railing, Glass railing, Topless glass fence etc.

Size- width 6ft-16ft, height 42" , 72" or customized;



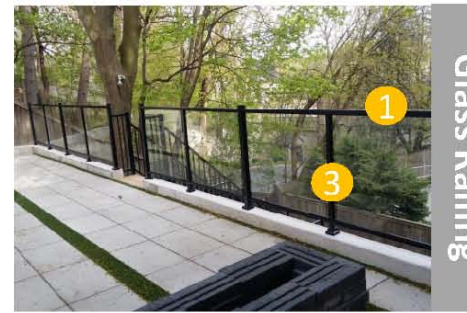
**Railing system**





- 1 Glass rail with PVC liner
- 2 Welded railing picket
- 3 Blank line post
- 4 Stair railing picket
- 5 Sleeve end post
- 6 Stair blank post
- 7 Blank post with cap
- 8 135° sleeve corner post
- 9 90° sleeve Corner post
- A Side mount Post

Space is limited, pictures are for reference only. See the railing instruction manual for more details.



Glass Railing



Deck Railing



Stair Railing







## Topless Glass Fence

Topless glass fence offer a truly stunning way to show the deck or balcony. No top/bottom rail to obstruct the view, 10/12mm tempered glass to provide a clear view of the surroundings.

It is highly regarded and recognized for its unique and simple design.



## RAILING SYSTEM

Different combinations can meet your needs to the greatest extent, whether it is a balcony, deck, or stairs, glass and topless glass fence to provide you with a safe and beautiful outdoor environment.





# ALUMINUM DOCK

Type: Stationary dock, Floating dock, Roll-in dock etc.  
Size: Width 3ft / 4ft; Length 8ft / 10ft / 12ft or Custom;

## Stationary Dock



## Floating Docks

The floating dock is the perfect solution for applications that require a robust modular floating dock system.



## Roll-in Docks







# ALUMINUM PERGOLA

A completely independent aluminum bioclimatic pergola system gives you the ability to cover a maximum area with minimum effort. Fully automated awnings allow you to adjust the shade of your patio by turning and retracting. When fully closed, the top area becomes completely water resistant.



## Optional Items

- I - Side screens can keep cold and wind out, making the space feel like home;
- II - LED & RGB colored lighting in louvres or perimeter of pergola;
- III-Weather sensors will automatically close the pergola upon detection of rain.
- IV - Side sliding glass doors can make the pergola to be a sunroom for outside living.





# LASER CUTTING SCREEN

## Specification

Material – aluminium/corten steel/galvanized steel;

Popular size- 1800x300/1800x900mm or custom;

Popular color- Black/Grey/White or custom;



Matched Post – **S50 /S70 /S100** post and corten steel post;

Design – Standard design & Customized types;

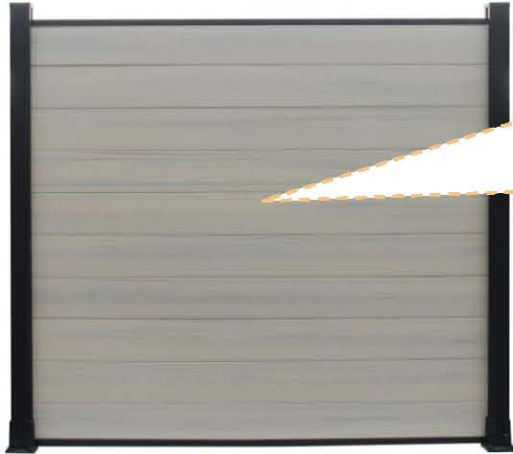
Thickness – 1.0 to 3.0mm;

Surface- Powder coated Black/Grey/White etc. or rusty;





# CO-EXTRUSION WPC FENCE



## Specification

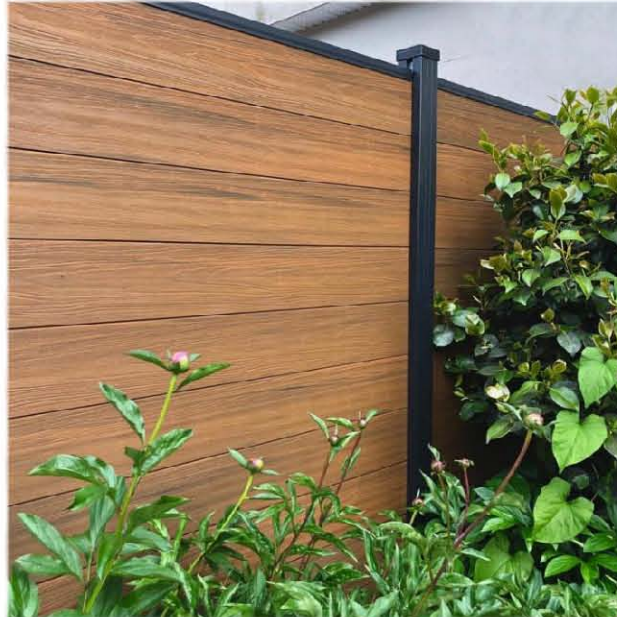
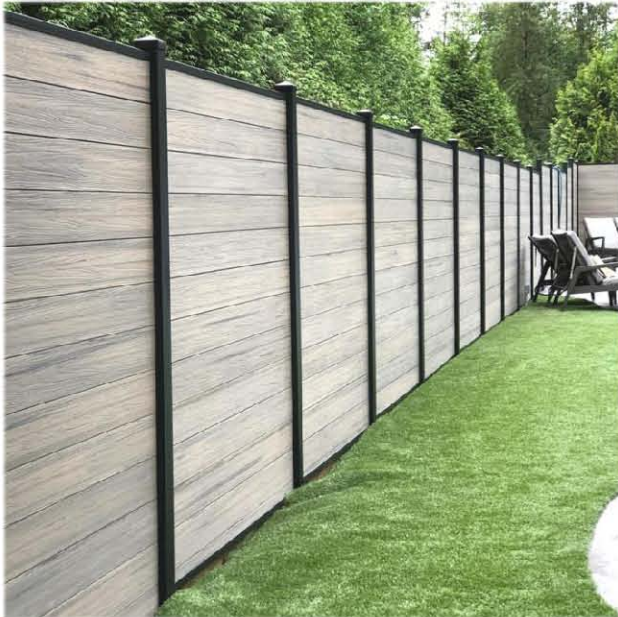
WPC size-300x20/150x20/160x16mm;

Color-Mahogany, Walnut, Log, Teak etc.

Feature-Anti-corrosion and anti-mildew,  
not easy to crack and longer warranty;

Post- **S70** post with 20/16mm channel;

## PROJECTS





# CO-EXTRUSION WPC DECKING



## PROJECT SHOWING



### Specification

WPC Decking size-140x23mm hollow/solid decking;

Color-Mahogany, Walnut, Log, Teak, Brown, Grey, etc.

Advantage-co-extrusion with double colors, anti-corrosion and anti-mildew;



Teak



Eucalyptus



Maple



Walnut



Dark Grey



Vintage brown





# DISCOVERY

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