



# Curtain Wall Systems

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Professionalism makes curtain wall more easily



# For the better future

FIVE STEEL (TIANJIN) TECH CO., LTD. always insists on quality first, reputation first, benefiting the society, customers first.

Our good working environment and working atmosphere attracts excellent talents from all over the country.

We have senior engineers, engineers, assistants engineers, economists and other professionals. The company select professionals to participate in the exchanges domestic and foreign.



FIVE STEEL (TIANJIN) TECH CO., LTD. is located in Tianjin, China. We specialize in the design and production of different types of Curtain Wall Systems.

We have our own process plant and could make one-stop solution for building facade projects. We could provide all related services, including design, production, shipment, construction managements, on-site installation and after sale services. Technical support would be offered through the whole procedure.

The company has the second-level qualification for professional contracting of curtain wall engineering, and has passed ISO9001, ISO14001 inter-

national certification. The production base has put into production a workshop of 13,000 square meters, and has built a supporting advanced deep processing production line such as curtain walls, doors and windows, and a research and development base.

With more than 10 years production and export experience, we are the best choice for you.







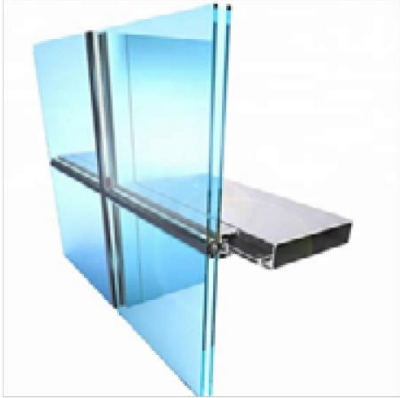


# Curtain Wall Systems

We provide many types of curtain walls.

Photos	Product	Material	Price	Customize
	Hidden Frame Glass Curtain Wall	Glass type:Single/double/laminted/tinted/Low-e/ reflective tempered Glass color: clear/gray/green/brown Glass thickness:6/8/10/12 mm (single) 5mm+0.38/0.76/1.52pvb+5mm(laminated)+6mm+6A/9A /12A/27A+6mm(double) Aluminum thickness:2.5-3.0mm Surface finish: powder coating/anodized/PVDF	Starts from 90\$ for square meter	Can be Customized
	Semi-exposed Curtain Wall	Glass type:Single/double/laminted/tinted/Low-e/ reflective tempered Glass color: clear/gray/green/brown Glass thickness:6/8/10/12 mm (single) 5mm+0.38/0.76/1.52pvb+5mm(laminated)+6mm+6A/9A /12A/27A+6mm(double) Aluminum thickness:2.5-3.0mm Surface finish: powder coating/anodized/PVDF	Starts from 90\$ for square meter	Can be Customized
	Exposed Frame Curtain Wall	Glass type:Single/double/laminted/tinted/Low-e/ reflective tempered Glass color: clear/gray/green/brown Glass thickness:6/8/10/12 mm (single) 5mm+0.38/0.76/1.52pvb+5mm(laminated)+6mm+6A/9A /12A/27A+6mm(double) Aluminum thickness:2.5-3.0mm Surface finish: powder coating/anodized/PVDF	Starts from 85\$ for square meter	Can be Customized
	Unitized Glass Curtain Wall	Glass type:Single/double/laminted/tinted/Low-e/ reflective tempered Glass color: clear/gray/green/brown Glass thickness:6/8/10/12 mm (single) 5mm+0.38/0.76/1.52pvb+5mm(laminated)+6mm+6A/9A /12A/27A+6mm(double) Aluminum thickness:2.5-3.0mm Surface finish: powder coating/anodized/PVDF	Starts from 150\$ for square meter	Can be Customized
	Point fixed Glass Curtain Wall	Glass type:Single/double/laminted/tinted/Low-e/ reflective tempered Glass color: clear/gray/green/brown Glass thickness:6/8/10/12 mm (single) 5mm+0.38/0.76/1.52pvb+5mm(laminated)+6mm+6A/9A /12A/27A+6mm(double) Aluminum thickness:2.5-3.0mm Surface finish: powder coating/anodized/PVDF	Starts from 90\$ for square meter	Can be Customized
	Fireproof Glass Curtain Wall	Fire Resistance:1h,1.5,3h. Profile thickness :6/8/10/12/25/35/50mm Glass type:Single/double/laminated Glass color: clear/gray/green/brown Glass thickness:6/8/10/12/25/35/50mm Surface finish: power coating/anodized/PVDF	Starts from 191\$ for square meter	Can be Customized
	Double-skin Energysaving Glass Curtain Wall	Glass type:Single/double/laminted/tinted/Low-e/ reflective tempered Glass color: clear/gray/green/brown Glass thickness:6/8/10/12 mm (single) 5mm+0.38/0.76/1.52pvb+5mm(laminated)+6mm+6A/9A /12A/27A+6mm(double) Aluminum thickness:2.5-3.0mm Surface finish: powder coating/anodized/PVDF	Starts from 184\$ for square meter	Can be Customized

# Hidden Frame Glass Curtain Wall

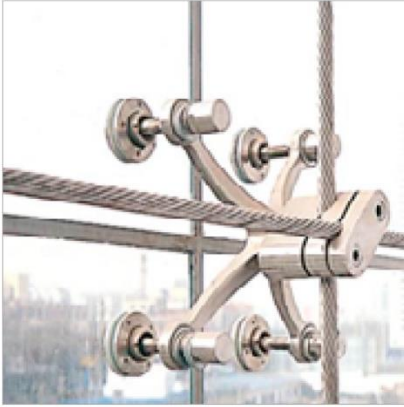


# Unitized Glass Curtain Wall



# Point Supported Glass Curtain Wall

Self-balancing Tension Cable Supported Point-fixing Curtain Wall



Single Cable Point-fixing Curtain Wall



Glass Rib Supported Point-fixing Curtain Wall



# Exposed Frame Glass Curtain Wall System







# Curtain Wall Accessories

## Spider System for Curtain Wall

Photos	Product	Material	Price	Customize
	Glass Spider for Curtain Wall 4 arms	Stainless steel: 201,304,316,316L Size: 160/200/250mm	Starts from 14\$ for a set	Can be Customized
	Glass Spider for Curtain Wall 3 arms	Stainless steel: 201,304,316,316L Size: 160/200/250mm	Starts from 10\$ for a set	Can be Customized
	Glass Spider for Curtain Wall 2 arms	Stainless steel: 201,304,316,316L Size: 160/200/250mm	Starts from 8\$ for a set	Can be Customized
	Glass Spider for Curtain Wall 1 arm	Stainless steel: 201,304,316,316L Size: 160/200/250mm	Starts from 6\$ for a set	Can be Customized
	K-type Glass Spider for Curtain Wall	Stainless steel: 201,304,316,316L Size: 160/200/250mm	Starts from 9\$ for a set	Can be Customized
	Glass Curtain Wall Spider Routel	Stainless steel: 201,304,316,316L Size: 160/200/250mm	Starts from 1.2\$ for a set	Can be Customized

## Glass for Curtain Wall

Photos	Product	Material	Price	Customize
	Insulated Glass	Glass Option: Clear Glass,Low Iron Glass,Tinted Glass, Ceramic Fritted Glass Low-E Option: Single silver,Double silver,Triple silver Gas Filling: Dry air, Argon	Starts from 13\$ for a square meter	Can be Customized
	Clear Glass	Thickness:3mm,4mm,5mm,5.5mm,6mm,8mm,10mm,12mm,etc Size:1524*2140mm,1220*1830mm,1650*2140mm,1830*2440mm,2134*3300mm,etc	Starts from 6\$ for a square meter	Can be Customized
	Low-Iron Glass	Thickness:3mm,3.2mm,4mm,5mm,6mm,8mm,10mm,12mm,etc Size:1830*2440mm,2134*3300mm,2134*3660mm,2250*3660mm,2440*3660mm,etc	Starts from 10\$ for a square meter	Can be Customized
	Tinted Glass	Color: Bronze,Dark Bronze,Euro Grey,Blue Grey,French Green,Dark Green, Thickness:3mm,4mm,5mm,5.5mm,6mm,8mm,etc Size:1524*2134mm,1650*2140mm,2140*3300mm,2250*3210mm,2250*3300mm,etc	Starts from 9.2\$ for a square meter	Can be Customized
	Reflective Glass	Colors:Bronze,Dark Bronze,Euro Grey,Mist Grey,Dark Grey,French Green,Dark Green,Ford Blue,Pink,Silver,etc Thickness:3mm,4mm,5mm,5.5mm,6mm,8mm,10mm,etc Size:1524*2134mm,1650*2140mm,2140*2310mm,2134*3300mm,2250*3300mm,etc	Starts from 9.9\$ for a square meter	Can be Customized



# Curtain Wall Accessories

## Glass for Curtain Wall

Tempered Glass



Laminated Glass



Double Glass



Tinted Glass & Low-E Glass



Thickness: 2mm,3mm,4mm,5mm,6mm,8mm,10mm,12mm,15mm,19mm  
 Size: 2000\*1500mm,2200\*1370mm,2200\*1650mm,2140\*1650mm, 2440\*1650mm,2440\*1830mm,  
 2140\*3300mm,2440\*3300mm,2140\*\*3660,2440\*3660mm ( We can make size as customer need)  
 Color: Clear, Ultra Clear, Blue, Ocean Blue, Green, F-green, Dark Brown, Grey, Bronze, Mirror, etc.  
 Application: Facades and curtain walls, Skylights, Greenhouse, etc

## Windows for Curtain Wall

Aluminum Window



Aluminum Wood Window



UPVC Window



Solid Wood Window



## Aluminum Panel

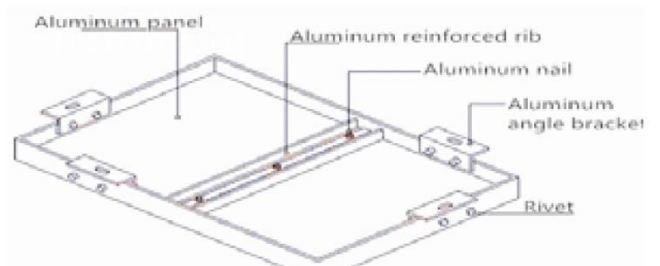
Aluminum Single Solid Panel



### Advantages:

- 1.Easy to make different shape.
- 2.Best material and good quality.
- 3.Customize and design according to different requiremer
- 4.Reach experience in construction projects.
- 5.Surface smoothness and easy cleaning.

Material: Aluminum 1100/3003/5005/6061  
 Size: Customized Size  
 Thickness: 0.8mm, 1.0mm, 1.5mm, 2.0mm, 2.5mm, 3.0mm  
 Color:Customized : Solid color, Metallic Color, Wooden, St  
 Surface treatment: Pre-rolled sheet, PVDF, Polyester paint  
 Maximum length: <6000 mm  
 Width:300/450/600/900/1100/1200/2400/2440mm

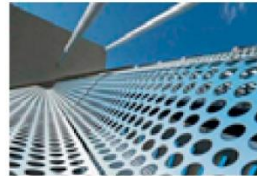




# Curtain Wall Accessories

## Aluminum Panel

### Aluminum Perforated Panel

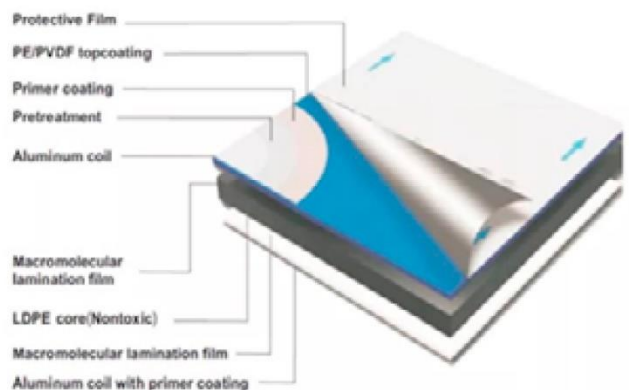
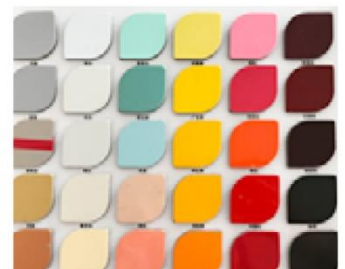


Material: Aluminum alloy  
 Thickness: 1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm, etc  
 Hole type: Diamond, Round, Square, Triangle, Hexagon, etc.  
 Hole diameter: From 2 mm  
 Surface finishing: PVDF coating or Powder coating

The size of conventional material is 1220mm × 2440mm  
 Any kind of perforation and color can be customized according to your requirements  
 Max size: 1500mm x 6700mm  
 The installation and construction are convenient and fast  
 Aluminum plate is formed in the factory, just fixed at the building main structure  
 No process at the construction site

## Aluminum Panel

### Aluminum Perforated Panel



Material: Aluminum alloy AA3003, AA5005, etc.  
 Thickness: 3-5mm  
 Aluminum thickness: 0.05 mm to 0.50 mm  
 Width: 1220mm, Length: 2440-6000mm (can be customized)  
 Coating: PE, PVDF, NANO, Brush surface, Mirror, etc



# Our Factory

## PRODUCTION AREA: Aluminum profile



## PRODUCTION AREA: Glass production





# Our Factory

## Deli PC series three-axis profile machining center

- › Adopt German original PA three-axis CNC system, friendly man-machine interface, and easy operation of the equipment.
- › Professional numerical control processing software, realize three-dimensional programming processing, truly realize what you see.
- › It can process aluminum alloy profiles, aluminum-wood composite profiles, copper profiles, steel profiles, PVC, etc.
- › Finishing milling, drilling, tapping (optional), chamfering and other precision machining of profiles in one clamping work.
- › Imported high-precision ball screw, guide rail, gear rack and pinion are used to ensure the stability of the machine tool.
- › Adopt high-quality imported AC servo motor and automatic tool change spindle to ensure high-precision processing.
- › Equipped with 14-station capacity tool magazine, adjustable pneumatic special clamps to ensure high-efficiency processing of the equipment.
- › The whole machine adopts fully enclosed and multiple safety protection structure to ensure the safety of operators.



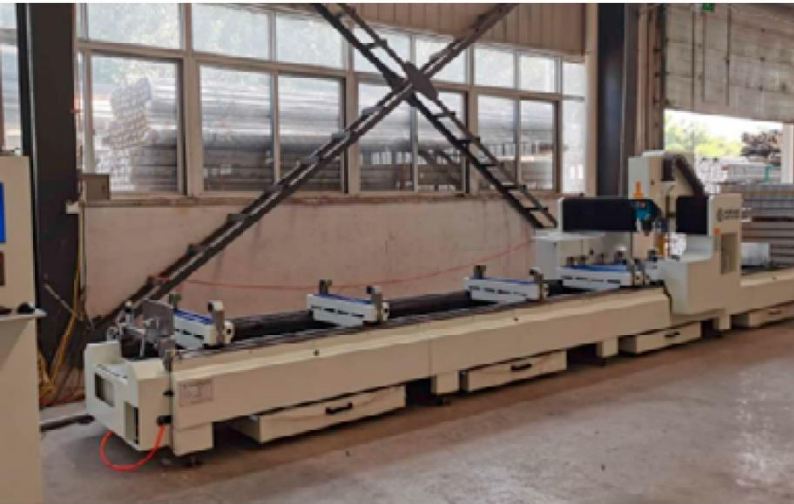
## Jinmaida three-axis CNC machining center

- › Adopt advanced industrial numerical control system, human-machine cooperation, easy operation of equipment.
- › Suitable for aluminum alloy profiles, aluminum-wood composite profiles, copper profiles and other light alloys, and Processing of UPVC profiles.
- › The worktable of this machine can be rotated by  $\pm 90^\circ$ , once programming, three profiles can be continuously adjusted Surface processing. Especially suitable for processing aluminum alloy keyholes and grooves, one-time clamping, high efficiency The accuracy is complete.
- › Using imported high-precision linear guide pairs, ball screws, rack and pinion and servo motors, Ensure smooth movement, high positioning and processing accuracy.
- › It adopts high-quality high-speed electric spindle, with strong cutting ability and stable cutting performance.



# Our Factory

## Dagang three-axis CNC machining center



- › It is suitable for processing installation holes, flow grooves, key holes, and shaped holes of various aluminum alloy profiles. sequence.
- › The processing of all holes and grooves on the same processing surface can be completed in one installation of the card. Work efficiency.
- › Workbench: movable workbench; pneumatic clamping, the workbench is 800mm from the ground.
- › With 6-station mobile rotating tool magazine, automatic tool change.
- › Operating system: adopt German PA numerical control system.
- › Automatic lubrication system: intermittent automatic lubrication in the center of the movement mechanism
- › Tool cooling form: adopts oil mist cooling system.
- › Two sets of end positioning devices: use flip-type positioning baffle for X-direction positioning, which can be divided into front After double-station processing.
- › Tool setting function: the spindle tool automatically measures the tool length and updates it correspondingly to the program.
- › Safety protection: anti-splash; work warning; working area protection, etc.

## Face saw



- › It is suitable for end cutting of aluminum alloy and plastic door and window profiles.
- › The cooling spray system can be used to cool the tool.
- › Equipped with a protective cover to completely protect the safety of the operator.
- › Using high-precision digital display angle.
- › It can cut multiple profiles at multiple angles and at one time.
- › Adopting damping cylinder for feeding, cutting smoothly



# Our Factory

## Automatic angle saw

- › It is used for cutting corner codes of aluminum doors and windows, only need to install the profile once, all the processing process is done automatically.
- › The number of cutting is displayed digitally, and the machine spindle is produced by a professional spindle manufacturer.
- › Guiding and pressing equipment ensures that there are no residual sharp corners when cutting 3mm long corners.
- › The hydraulic damping cylinder drives the cutting feed, and the machine body adopts an integral structure with good rigid



## CNC drilling and milling machine

- › Adopt advanced industrial numerical control system, human-machine cooperation, easy operation of equipment.
- › Suitable for aluminum alloy profiles, aluminum-wood composite profiles, copper profiles and other light alloys, and Processing of UPVC profiles.
- › The worktable of this machine can be rotated by  $\pm 90^\circ$ , once programming, three profiles can be continuously adjusted Surface processing. Especially suitable for processing aluminum alloy keyholes and grooves, one-time clamping, high efficiency The accuracy is complete.
- › Using imported high-precision linear guide pairs, ball screws, rack and pinion and servo motors, ensure smooth movement, high positioning and processing accuracy
- › Adopt high-quality high-speed electric spindle, with strong cutting ability and stable cutting performance.





# Our Factory

Welcome to visit our factory





# Our Reference

## List of Curtain Wall System Construction Projects in the past three years

NO.	Name	Construction scope	Contract area (m <sup>2</sup> )	Contract amount/USD
1	Unmanned Aircraft Project in Tianjin Airport High-tech Zone	Curtain wall and window systems	5600	688073
2		Curtain wall system, windows and doors	1500	168197
3	Jinnan Local Taxation Bureau Shuang gang Local Taxation Office	Curtain wall system, windows and doors	500	68807
4		Curtain wall system, windows and doors	1800	247706
5	Foxconn Dongdaemun	Curtain wall system, windows and doors	3500	550458
6		Curtain wall system	3200	321100
7	Tianjin Cigarette Factory	Curtain wall system, windows and doors	12000	1681957
8		Curtain wall system	6600	856269
9	Xiqing Italy Industrial Park	Curtain wall system, windows and doors	3700	483180
10		Curtain wall system	2200	489296
11	Tianjin Rural Cooperative Bank Training Center	Curtain wall system	6700	1033639
12		Curtain wall system	2000	351682
13	Dagang Oilfield Technology Center	Curtain wall system	3600	458716
14		Curtain wall system	3200	428135
15	Lao Meihua Hotel	Indoor Curtain wall system	2900	290519
16		Curtain wall system	2200	272171
17	Tianjin Yonghui Printing Office Building	Curtain wall system	6700	856269
18		Curtain wall system	5500	688073
19	Tianjin Police Academy Canteen	Curtain wall system	2700	405199
20		Curtain wall system	3900	626911
21	Tianjin Florence Town	Curtain wall system	2300	360856
22		Curtain wall system	4650	688073
23	Rongcheng Group Renovation	Curtain wall system	2700	76452
24		Curtain wall system	1800	290519
25	National Olympic Park Upgrade and Renovation	Curtain wall system	6500	1360856
26		Curtain wall system	1300	122324
27	Individual Housing projects in Afghanistan	Windows and doors		20073
28	Caribbean Villa Project	Curtain wall system, windows and doors		168197
29	Canada Third Project	Curtain wall system		268807
30	USA Missouri Hotel Project	Curtain wall system, windows and doors		507706
31	Sri Lanka Hospital Project	Curtain wall system, windows and doors		8550458
32	Cambodia Hospital Hospital Project	Curtain wall system, windows and doors		7511100
33	Cambodia Hospital Hospital Project	Curtain wall system		3011957
34	Premium Megastructures Inc	Curtain wall system		12856269
35	The One Transworks Square (Pvt) Ltd	Curtain wall system, windows and doors		483180

# Our Reference

- › Project: Individual housing in Afghanistan
- › Product: Doors and windows



- › Project: Cambodia tebenkmong provincial hospital
- › Product: Curtain wall, Doors and windows



- › Project: Canada energy-saving room
- › Product: Curtain wall



- › Project: USA missouri hotel
- › Product: Doors and windows



- › Project: National assembly street, Phnom Penh, Cambodia
- › Product: Curtain wall, Doors and windows



- › Project: Caribbean Villa Project
- › Product: Steel structure, Doors and windows







For more product information, please visit  
[www.fivesteeltech.com](http://www.fivesteeltech.com)

## **FIVE STEEL (TIANJIN) TECH CO., LTD.**

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