

A modern, minimalist staircase with wide wooden treads and a glass railing system. The railing is supported by metal brackets and has a dark metal handrail. The staircase is set in a contemporary interior space with large windows and a polished floor. The lighting is warm and focused on the staircase.

StaircaseWorks

Custom Staircase & Architectural Railing Solutions

Design-led staircase, railing and hardware systems for residential, commercial, hospitality, public and cultural spaces.

Shanghai Hemu Intelligent Technology Co., Ltd.

www.staircaseworks.com

Turning Staircases Into Architectural Focal Points

Shanghai Hemu Intelligent Technology Co., Ltd. focuses on high-end custom staircases, architectural railing systems and metal component solutions for villas, commercial interiors, hotels, art spaces and public areas.



We support each project from concept direction, structural coordination and material selection to production follow-up, quality checks and international delivery support.

300+

project
experience

4

core
systems

3D

CAD
support

Global

delivery
support

Clients Need More Than Products. They Need a Buildable System.

A staircase project must balance visual impact, structural logic, material durability, installation efficiency and project cost. Our role is to organize those decisions into a clear solution.

Design Direction

Align stair form, railing style and material language with the project space.

Engineering Coordination

Support dimensions, structure, load path and installation logic before production.

System Matching

Combine stairs, railings, handrails, lighting and hardware into one workable package.

Delivery Support

Follow production, inspection, packaging, shipping and remote installation guidance.



**A good staircase must be beautiful, buildable,
transportable and installable.**

Four Integrated Systems Cover Structure, Safety and Finish



Spiral Staircases

Space-saving, sculptural and adaptable for indoor, outdoor, residential and commercial use.

Floating & Straight Stairs

Cantilevered, mono stringer and double stringer systems for modern architectural spaces.

Railing & Balustrades

Frameless glass, cable, metal picket and LED handrail systems for safety and visual clarity.

Components & Hardware

Structural connectors, glass clamps, lighting fittings and installation support kits.

Create Movement and Visual Drama in Compact Spaces



Spiral staircases suit lofts, villas, mezzanines, rooftop access and commercial spaces. They save footprint while using curves, materials and railing systems to create a strong architectural feature.

- Indoor and outdoor configurations with material choices matched to the environment
- Steel, aluminum, timber tread and glass railing combinations
- Custom diameter, height, tread form, railing style and color finish
- Suitable for residential, hospitality, commercial and service-access scenarios

For Outdoor, Coastal and High-Use Environments

Slip resistance, drainage, weather resistance and modular transport are key to exterior spiral staircase planning.

Applications

Rooftop terraces, coastal homes, exterior maintenance access and commercial building circulation.

Materials

Powder coating, galvanized steel, stainless steel and aluminum options for project environments.

Safety

Anti-slip treads, continuous handrails, appropriate guard heights and clear walking lines.

Delivery

Modular structures can simplify packing, shipment and on-site installation planning.

Configure the Stair by Space, Material and Project Style



Structure

Central column, modular hubs, curved handrails and base support details

Treads

Metal, timber, glass, composite and perforated anti-slip surfaces

Railings

Glass, steel pickets, cable infill and solid handrail options

Finish

Powder coating, galvanizing, stainless steel, brushed metal and wood tones

Use Cases

Lofts, villas, decks, commercial atriums, public access and industrial service areas

A Light Visual Effect Still Needs Clear Structure

Floating and modern straight stairs require coordination across wall conditions, structural logic, tread materials, railing connections and interior style.



- Cantilevered, mono stringer and double stringer structures can be selected by project conditions
- Wood, glass, stone, terrazzo and metal treads create different spatial atmospheres
- Suitable for villas, showrooms, hotels, offices and commercial interiors
- Designed around wall structure, floor height, railing form and installation method

The appearance can be light. The structure and delivery path must be clear.

Choose the Right Stair Structure for Each Space



Cantilevered Floating Stairs

For a clean wall-supported floating effect where the structure can work with the wall-side system.

Mono Stringer Stairs

For a modern central-spine profile with flexible tread and railing combinations.

Double Stringer Stairs

For high-use areas, wider spans and stronger visual symmetry.

Structure is not only an aesthetic choice.

We consider floor-to-floor height, opening size, wall conditions, traffic frequency, railing form and installation method before recommending a practical structure path.

Materials Define the Atmosphere of the Stair



Solid Wood

Warm, natural and premium for residential and hospitality spaces.

Glass

Transparent, light and modern for statement stair features.

Stone & Terrazzo

Durable and refined for lobbies and high-end interiors.

Metal

Strong and architectural for indoor and outdoor applications.

Integrated Lighting

Supports visual guidance, night safety and atmosphere.

Safety, Transparency and Architectural Rhythm Should Work Together



Frameless Glass

Open views for modern residences, hotels and commercial interiors.

Cable Railing

A clean option for terraces, decks and contemporary spaces.

Metal Pickets

Suitable for public areas, hospitality projects and safety-focused use.

LED Handrails

Adds atmosphere, guidance and night-time safety support.

Integrated Lighting Adds Safety and Atmosphere

LED handrails and stair lighting are not only decorative. They can improve night guidance, spatial layering and user comfort.

- Concealed LED channels
- Warm white, neutral white and smart lighting options
- Low-voltage and sensor-control configuration support
- Compatible with timber, metal and glass railing systems

Suitable for villas, hotels, cinemas, clubs, commercial circulation and public interiors.

Reliable Systems Depend on Hidden Connection Details



The quality of a staircase system depends not only on visible form, but also on connection methods, tolerances, installation templates and site adaptability.

- Structural connectors and anchor plates
- Glass clamps, spigots, standoffs and U-channels
- Handrail brackets and cable fittings
- LED profiles and integrated lighting hardware
- Installation templates and support kits

Hardware should look refined, but it must also help installers align, fasten and finish the system with less uncertainty.

Every Detail Should Be Controlled From Drawing to Delivery



3D/CAD Coordination

Supports dimension confirmation, design review and project communication.

Structure and Material Matching

Aligns structure, treads, railings and finishes with site conditions.

Production Follow-Up and Checks

Reviews dimensions, finish, components and packing details.

Weld Review and NDT Coordination

NDT coordination can be arranged when project specifications require it.

Trial Fit Where Required

Trial-fit checks can reduce site installation risk on complex projects.

Our practical focus is fit, finish, safety, installation efficiency and delivery clarity.

Clear Process. Controlled Details. Easier Delivery.

01**Requirement Discussion****02****Drawings, Dimensions and Site Photos****03****Style and Material Direction****04****3D/CAD Coordination****05****Quotation and Specification Confirmation****06****Production Follow-Up and Quality Checks****07****Packaging and International Delivery****08****Remote Installation Support**

For a faster quotation, please provide floor-to-floor height, opening size, application, preferred materials, drawings or site photos, quantity and destination port.

Start Your Staircase Project

Share the basics and our team will help turn your stair intent into a clear RFQ package.

RFQ Checklist

- Floor-to-floor height
- Opening size or available footprint
- Indoor or outdoor application
- Preferred staircase type
- Railing and handrail preference
- Material and finish preference
- Project drawings or site photos
- Quantity and destination port

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