



Shandong Shinlong Intelligent
Manufacturing Co.,Ltd



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Shandong Shinlong Intelligent Manufacturing Co.,Ltd

Integrated Manufacturing Enterprise

Specialized in Rail Transit Support
Components and Advanced Galvanized
Materials

Cable Bracket, Embedded Channel, T-Section Steel
Bracket, Cable Protection Tube, Concrete Electric
Pole, Concrete Piles, RPC Evacuation Platform,
Cable Tray, Solar Mounting Bracket, Noise Barrier
Custom Metal Welding Parts Based on Drawings
(Support OEM/ODM)
Metal Surface Treatment



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Company Overview

Shandong SHINLONG Intelligent Manufacturing Co., Ltd. is a national high-tech manufacturer in China, specializing in rail transit brackets, power grid supports, cement products and other metal fabrication products which have been exported to Europe, America, Southeast Asia, South Asia, Middle East, etc. SHINLONG have two large-scale industrial parks, Shandong Shinlong Pipe Industry Co., Ltd Industrial Park founded in 2005 and Shandong Intercity Rail Transit Technology Co., Ltd Industrial Park founded in 2010, covering a total area of over 50,000 square meters with more than 200 employees. With more than 30 members of R&D team, SHINLONG have gotten 25 patents and passed ISO9001, ISO14001, ISO45001 certifications.

Honors

National "Little Giant" Enterprise for Specialized, Refined, Featured and Innovative Development (SRFI Enterprise)

National High-Tech Enterprise

Shandong Province Manufacturing Single-Item Champion Enterprise

Gazelle Enterprise of Shandong Province / Hidden Champion Enterprise

Outstanding Private Enterprise of Jining City

Production Capacity & Equipment

SHINLONG operates complete production workshops for cutting machining welding, hot-dip galvanizing, electrostatic powder coating, and fire-resistant coating equipped with advanced automated equipment. Annual capacity includes 3 million cable brackets, 20,000 tons of embedded channels and support systems, 2.5 million m² of evacuation platforms, and 100,000 tons of metal anti-corrosion treatment.



Intelligent Welding Production Line



Cable Tray Production Line



Comprehensive Machining Workshop



Support & Hanger Production Line



Laser Cutting Machine



Hot-Dip Galvanizing Production Line



SHINLONG focuses on technological innovation, maintaining long-term partnerships with leading universities and research institutes, and jointly operating an R&D center. It holds multiple municipal and provincial innovation platforms. As of October 2025, the company owns 25 authorized patents across rail transit equipment, cable brackets, fire-resistant materials, and cement-based composites, with 84% applied in production, and has participated in the formulation of 6 industry standards and issued 6 enterprise standards.



Industry-Leading Metal Surface Anti-Corrosion and Fire-Resistant Coating Technology

SHINLONG uses dual-layer protection technology combining hot-dip galvanizing with proprietary anti-corrosion powder coating, achieving up to 6,000 hours of salt-spray resistance and a theoretical service life of 100 years. The metal surface withstands continuous exposure to 1200°C for 2.5 hours without smoke or flames, meeting China Class A fire-resistance standards and matching the lifespan of concrete structures. This anti-corrosion and fire-resistant coating technology is a core advantage of the company, certified by the Ministry of Science and Technology of China as reaching an internationally advanced level.



One-Time Forming
Manufacturing Process



Intelligent and
Environment-Friendly
Hot-Dip Galvanizing



Automated Electrostatic
Powder Coating

Core Competitiveness

A Complete Industrial Processing Chain



Material Cutting



Machining



Welding



Product Packing



Electrostatic Spraying



Hot-dip Galvanizing

Strict Quality Control System



SHINLONG prioritizes quality and is certified to ISO9001, ISO14000, and OHSAS18000 standards. With over 40 testing devices, it ensures full-process quality control from raw materials to finished products.

Main Products —Cable Bracket



SHINLONG cable brackets include power and communication types, featuring dual protection with hot-dip galvanizing and spray coating, welded by robots, precision-punched, and finished on electrostatic spraying lines. Our offer strong adhesion, high installation accuracy, extreme corrosion resistance, and ultra-long service life, exceeding 100 years outdoors and passing 6000-hour salt spray tests for harsh environments.



Main Products — Embedded Channel



Our pre-embedded channels use hot-dip galvanizing, multi-element sealing, continuous-rolled high-performance profiles, CNC bending, and rotary anchoring. Semi-finished channels receive multi-level surface treatment, boosting wear resistance 1.2x and corrosion resistance 1.5x. Anti-corrosion powder passes 6000-hour salt spray tests, ensuring over 100 years durability, exceeding European standards for rail and building applications.



Main Products — T-Section Steel Bracket



SHINLONG, in collaboration with Chinese universities, the Anti-Corrosion Industry Association, and American Energy Corporation, developed a new T-section steel bracket for subway evacuation platforms. It maintains mechanical strength for 1.5 hours at 900°C, enhancing fire safety, and offers improved moisture resistance, corrosion resistance, and electrical insulation, extending service life by over 10 years. Brackets include cable, pipe, anti-seismic, wall-mounted, and heavy-duty types.



Main Products — Cable Protection Tube



Cable protection conduits safeguard cables from mechanical damage, corrosion, moisture, and environmental impacts, while enabling standardized laying and easy maintenance. SHINLONG MPP/PE pipes use flame-retardant thermoplastic particles, offering high temperature and pressure resistance, suitable for 10KV+ high-voltage power cables.

Main Products — Concrete Electric Pole and Pole Fittings



Concrete utility poles (prestressed and non-prestressed) offer high strength, durability, moderate cost, non-conductivity, and strong wind resistance, suitable for high-voltage lines in suburban and rural areas, requiring mechanical hoisting due to their weight. SHINLONG poles provide reliable strength and wind resistance, widely used in major power projects, earning customer trust and stable supply.



Single Cross Arm



Double Cross Arm

The power line cross arm is a horizontal angle steel component installed on utility poles or towers to support insulators, conductors, and lightning wires while ensuring safe clearance. The pole hoop is a key fitting used to secure components on transmission lines, typically made of flat or round steel, bolted in place, and hot-dip galvanized carbon steel or stainless steel for corrosion resistance.



Two/Four Line Cross Arm



Lifting Cross Arm



Pole Hoop

Main Products — Concrete Piles



Concrete piles, cylindrical or square components made from ordinary, reinforced, or prestressed concrete, are formed by pouring, centrifugal molding, and curing. They transfer loads from structures to deep stable soil or bedrock, enhancing foundation stability for buildings, roads, and bridges. Key features: high load-bearing capacity with strong compressive and bending resistance, durable and moisture/corrosion/erosion-resistant with 30-70 years service life, adaptable to various soils and projects, and cost-effective with mature construction methods.

Main Products — RPC Evacuation Platform



SHINLONG, in cooperation with China National Building Materials Research Institute, uses advanced technology to produce FRC evacuation platforms with lightweight, high strength, and ultra-durability for subways, tunnels, and high-speed rail. With frost resistance over three times the national standard, compressive strength above 120 MPa, and durability exceeding 60 years, it replaces traditional RPC concrete as a specialized, advanced solution for rail transit operation and maintenance.



Main Products — Noise Barrier



SHINLONG metal noise barriers are hot-dip galvanized and coated with UV-resistant multi-component powder, offering strong sound insulation (35 dB+) and absorption (coefficient >0.84). They are fireproof, heat- and UV-resistant, durable for 70 years, and available in various colors and shapes to blend with surroundings.

Custom Metal Welding Parts Based on Drawings (Support OEM/ODM)



SHINLONG specializes in R&D and manufacturing of metal welded structures, with a complete processing system and reliable delivery. We offer custom fabrication based on customer drawings and support both OEM and ODM. From standard parts to complex structures, we provide professional design and precise manufacturing according to drawings, samples, or application needs.

Metal Surface Treatment

SHINLONG offers comprehensive metal surface treatments, including hot- and cold-dip galvanizing, electrostatic powder coating, and paint baking, tailored to customer needs and environments. These treatments enhance corrosion resistance, strength, durability, and appearance, suitable for general or heavy-duty protection, long-term outdoor use, high humidity, and high salt-spray conditions.

Major Partners (Partial List)



Main Application Scenarios



**Metro Rail
Transit**



**Underground
Utility Tunnels**



**Power Grid
Projects**

Selected Project References

No.	Project Name	Client Name	Contract Amount (CNY Million)
1	Mechanical and Electrical Material Procurement for Xuzhou Metro Line 3 Phase I - Track Section 02	China Construction Installation Group Co., Ltd.	206.9056
2	Material Procurement Tender for Guangzhou Metro Line 18 & 22 - Section 8, Zone 4	China Railway 12th Bureau Group Electrification Engineering Co., Ltd.	172.88482
3	Shaoxing Intercity Rail Transit Line 1 - Power Supply System Procurement & Installation	China Railway Wuhan Electrification Bureau Group Co., Ltd.	156.99910
4	Nanjing Metro Line 5 Track Engineering Materials (Evacuation Platform & Rail Lubricators)	China Railway No.1 Engineering Group Co., Ltd.	164.59096
5	Nanchang Metro Line 1 North/East & Line 2 East - M&E System Integration (Evacuation Platform)	China Railway No.3 Engineering Group Co., Ltd.	114.72209
6	Tianjin Metro Line 8 Phase I - Section 1 - Material Procurement	China Railway 22nd Bureau Group Co., Ltd. (Beijing Branch)	113.7028
7	Shenyang Metro Line 6 Phase I - Track Engineering	China Railway No.4 Engineering Group Co., Ltd., 8th Engineering Branch	134.93081
8	Zhengzhou-Xuchang Intercity Railway - Section 6 - Bid Project	China Railway 16th Bureau Group Co., Ltd.	117.96046
9	Shaoxing Intercity Rail Transit Line 1 - Power Supply System Procurement & Installation	China Railway Wuhan Electrification Bureau Group Co., Ltd.	119.09862
10	2023-2024 Cable Support System Framework Procurement	China Railway Wuhan Electrification Bureau Equipment Co., Ltd.	253.3944178
11	Jinan Rail Transit Line 6 - Cable Support System (incl. Low-Voltage) Procurement	China Railway Electrification Bureau Group Co., Ltd. (Joint Procurement)	155.687
12	Hefei XinQiao Airport S1 Line - Power Supply System Integration Material Procurement	China Railway 12th Bureau Group Electrification Engineering Co., Ltd.	156.6612187
13	Municipal Railway M&E Street Light Pole Procurement - Section 3	China Railway Construction Group Co., Ltd.	266.499
14	Hami ShisanjianFang Wind-Solar-Storage Integrated Project - Tower Material Procurement	China Power Construction Hydropower No.4 Bureau Southwest Branch	139.59

Future Development



SHINLONG will keep strengthening metal surface treatment technologies, enhance anti-corrosion and flame-retardant capabilities, and expand full-process metal fabrication. Building on rail transit expertise, we will enter bridges, large steel structures, and energy infrastructure. Guided by “Design-Driven, Manufacturing-Focused, Market-Oriented,” we will keep advancing R&D, intelligent manufacturing, and lean production to ensure high-quality, efficient output, while collaborating globally to drive industry growth.



Shinlong Intelligent
Manufacturing,
Serving Customers Worldwide

Get in Touch

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