汇泉交通设施

汇泉交通设施

HUI QUAN TRAFFIC FACILITIES

—专业级护栏生产企业—

山东冠县汇泉交通设施有限公司

SHANDONG GUANXIAN HUIQUAN TRAFFIC FACILITIES CO., LTD.

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中国·聊城

LIAOCHENG·CHINA

Enterprise overview 企业概况 >>

山东冠县汇泉交通设施有限公司成立于 2006 年，公司坐落于山东省冠县新世纪工业园区，企业占地 65 亩，注册资本 1.2 亿元，是我国专业从事热镀锌护栏设计，方案提供，生产销售及售后服务为一体的综合实体企业。

公司拥有两条热镀锌生产线，两条静电喷塑生产线，具备年 30 万吨的综合生产能力，可生产国标，美标，澳标，欧标等各种主流标准护栏。公司产品出口覆盖亚洲，欧洲，北美，南美，非洲，大洋洲在内的四十多个国家，出口量常年位居全国前列，是国内最专业，最具实力的护栏生产企业。

汇泉致力于打造高品质护栏品牌，率先通过了 ISO,BV,CE,SGS 等各种认证。公司定位于以高质量的产品、诚信的服务去赢得市场赢得客户。2017 年，汇泉被指定为“ 一带一路 ”公路项目开局工程的供货单位。

汇泉交通设施愿与广大客户真诚合作，共创佳绩实现双赢目标。

Established in 2006, Shandong Guanxian Huiquan Traffic Facilities Co., Ltd. is located in Guanxian New Century Industrial Zone, Shandong Province. The enterprise registered capital of 120 million CNY, covers an area about 43,290 square meters. Huiquan is one of the comprehensive entity enterprises specializing in highway guardrail production and export.

Our factory is equipped with two hot-dip galvanizing lines and two electrostatic powder-coating lines, which produce 300,000 tons guardrails each year. Huiquan guardrail and accessories strictly follow international and domestic standards, such as Chinese, American, Australian, European and so on. We export more than 40 countries which come from Asia, Europe, South America, North America, Africa, and Oceania. Meanwhile, Huiquan is the largest and powerful guardrail manufacturing enterprise. Its export market share has been the forefront of Chinese market.

Huiquan is focusing on producing high-quality guardrail. Each production process strictly performs with ISO, CE. We have gained ISO, SGS, CE, BV and other certificates. Huiquan aims to win the market and customers with honest and professional services. In 2017, Huiquan became the first highway guardrail supplier for Chinese “The Belt and Road”.

Huiquan Traffic Facilities Co., Ltd. is willing to cooperate sincerely with customers from all over the world to achieve win-win goals.

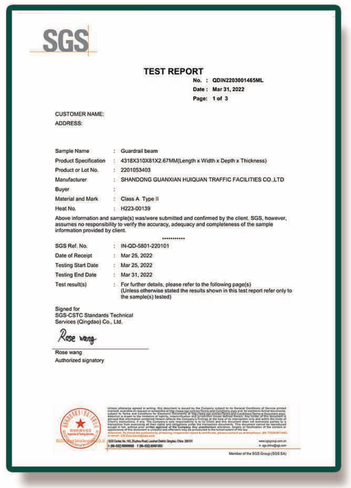
汇泉交通设施

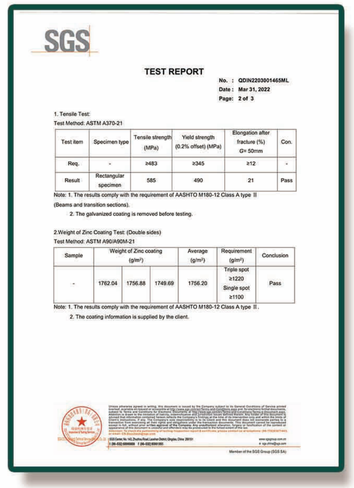
专业级护栏生产企业
PROFESSIONAL GUARDRAIL MANUFACTURER

Company Certificate 公司资质 >>

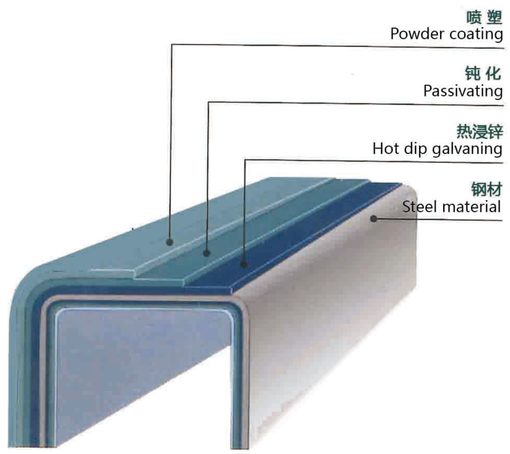
做最优秀的护栏供应商
TO BE THE BEST GUARDRAIL SUPPLIER

专业品质 值得信赖





汇泉护栏涂层剖析
Huiquan fence coating



热浸锌 起到电化学保护作用，由内至外防止钢铁基材的生锈。
Hot dip Zinc:plays a role in electrochemical protection,corrosion and rusting can be prevented.

钝 化 增强涂膜与基材的附着力。
Rich zinc phosphatization:greatly improve the adhesive power of paint films and substrates.

喷 塑 双重防腐，色彩美观醒目
Double antiseptic,color and eye-catching

产品可根据各种复杂的地形地貌如交错起伏，前后错落，组合最佳的连接方式，实现客户个性化要求。

关于产品 About Products

汇泉护栏采用国际高新工艺技术和先进设备精制而成。
Huiquan guardrail using the international high technology and advanced equipment refined.

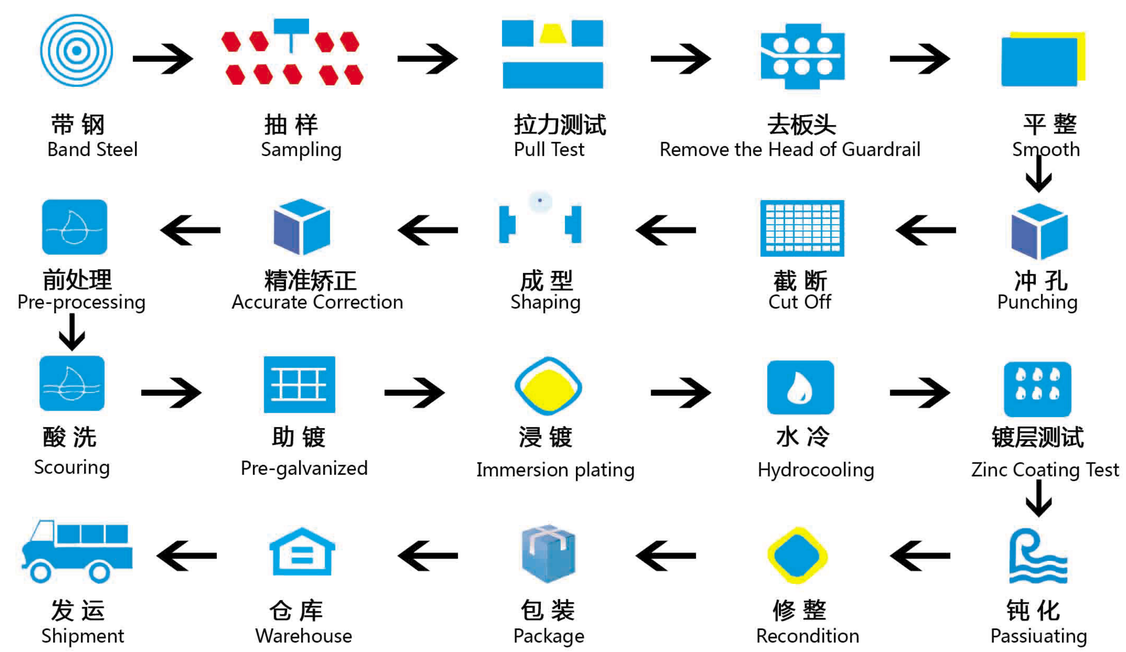
产品特点 Products Feature

抗腐蚀能力强	Strong corrosion resistance
色彩选择多	Many colors to choose
安装简易	Easy to install
更换便捷	Easy to change
防撞效果佳	Good anti-collision effect

适用范围 Application

高速公路	Highway
普通公路	Road
旅游景点	Tourist attractions
安防工程	Security project

工艺流程
Technological process



为了确保汇泉护栏具有与众不同的耐候性，汇泉技术中心研发了数十道特殊表面处理工序，运用高科技技术，经过多道特殊工艺产生永久性涂层，使护栏产品具有极优异的防腐性、耐潮湿性、耐候性，以及长久的表面自洁能力。

无论在任何恶劣的环境下，汇泉通栏都不会生锈、褪色、龟裂、粉化、老化、脱落、色泽持久而鲜艳。

汇泉护栏十年免维修，彻底排除了因日常维护而带来的烦恼。

To ensure HuiQuan guardrail has its own unique weatherability, the technology center of HuiQuan has developed more than ten procedures of special ,make the product have a permanent coating by suing high technoloy,and through different special process,ensuring fences have the excellent corrosion resistance,humidity resistance,weatherability and long time surface self-clean performance.
HuiQuan Guardrail will not rust,fade,cracked,powdered,aging,scale off and brings long-lasting and vivid color HuiQuan fences promise for ten years maintenance-free,thoroughly resolve the troubles from ordinary maintenance.

车间办公仓库展示

Workshop office warehouse display

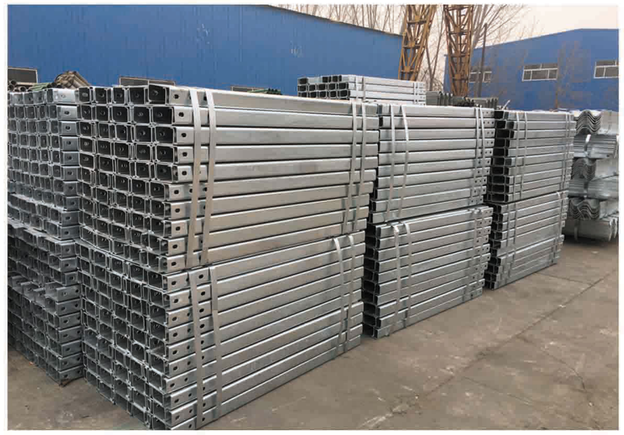
办公楼/Office Building

护栏成型机/Guardrail Forming Machine

成型机/Forming Machine

护栏成型机组/Guardrail Forming Unit

护栏成型机组/Guardrail Forming Unit



仓库/warehouse

国内护栏展示（二波）

Chinese standard guardrail display(W-beam)

镀锌护栏板

镀锌立柱

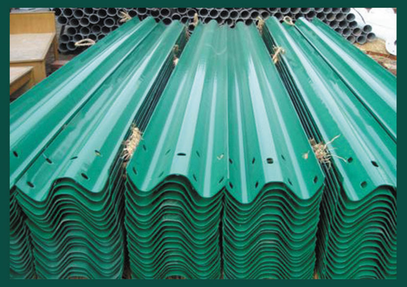
防阻块

螺 栓

两波护栏连接图

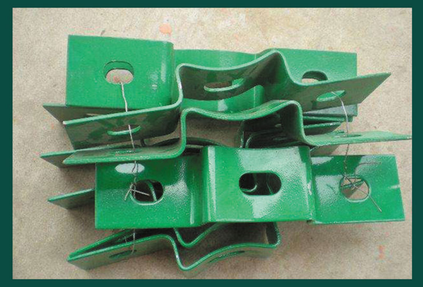
A级常用规格

护栏板：4320*310*85*4
立柱：140*4.5*2150
防阻块：196*178*200*4.5
柱帽：140*150
螺栓：M16*35,M16*45,M16*170



喷塑护栏板

喷塑立柱



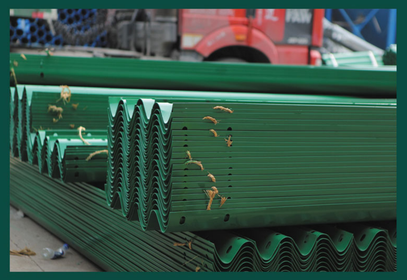
喷塑托架

护栏螺栓

两波护栏连接图

B级常用规格

护栏板：4320*310*85*2.5/3
立柱：114*4.5*1950
托架：70*300*4.5
柱帽：114*100
螺栓：M16*35,M16*45,M16*150



环氧锌基护栏板

环氧锌基立柱

环氧锌基防阻块

环氧锌基螺栓

环氧护栏连接图

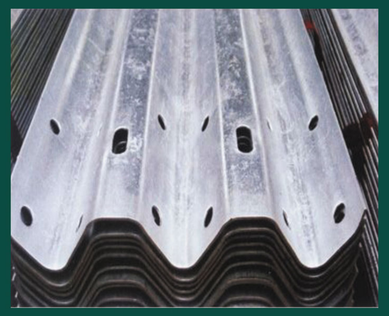
Am级常用规格

护栏板：4320*310*85*4
立柱：140*4.5*2350
横隔梁：480*200*65*4.5
柱帽：140*150
螺栓：M16*35,M16*45,M16*170

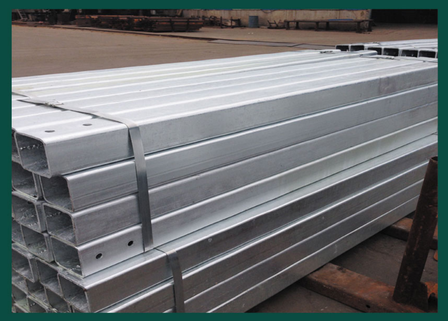
做最优秀的护栏供应商
TO BE THE BEST GUARDRAIL SUPPLIER

国内护栏展示（三波）

Chinese standard guardrail display(Thrie-beam)



三波镀锌护栏板



镀锌方管立柱

三波防阻块

螺　栓

镀锌三波护栏连接图

SB级常用规格

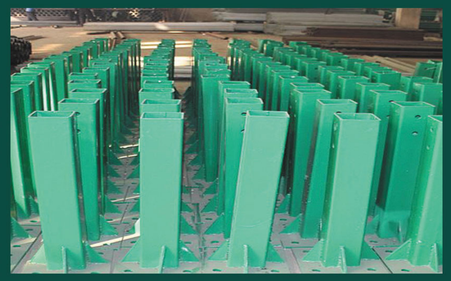
护栏板：4320*506*85*4

方管立柱：130*130*6*2540

防阻块：300*200*290*4.5

螺栓：M16*35,M16*45,M16*170

三波喷塑护栏板



喷塑方管立柱

喷塑三波防阻块

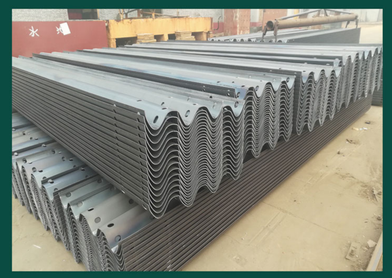
螺　栓

喷塑三波护栏连接图

SB级常用是2米间距和1米间距

表面处理：热浸镀锌（银白色）

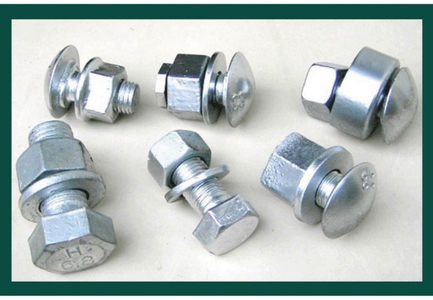
和聚酯喷塑（绿色或者蓝色）



三波护栏板

三波圆管立柱

三波镀锌防阻块



螺　栓

三波护栏配圆柱连接图

三波板配圆柱常用规格

护栏板：4320*506*85*4

圆立柱：140*4.5*2150

三波防阻块：196*178*400*4.5

螺栓：16*35,M16*45，M16*170

美标AASHTO-M180 技术标准
USA AASHTO M180 technical standard

HIGHWAY GUARDRAIL PRODUCT FEATURES &APPLICATION

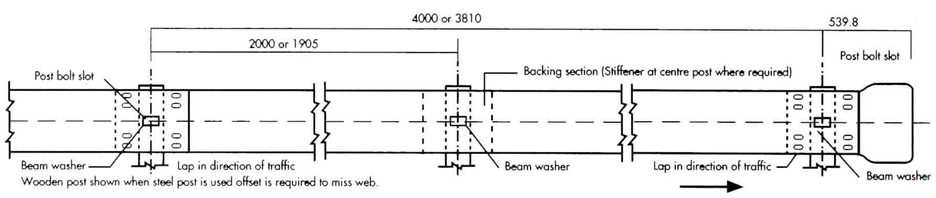
- To Provide Railing Protection To Motor Vehicle At Dangerous Road Area Such As
  - Steep Slope - Obscure Curve/Bend
  - High Embankment - Sharp Corner
- To Absorb Sudden Impact During Collision Thus Minimise Injury To Vehicle And Passenger.
- To Act As Directional Railing For Vehicle Moving In The Right Direction.
- To Act As A Median Barrier For Avoiding Head On Collision.
- To Act As A Protective Barrier For Pedestrian Along The Highway.

SPECIFCATION AND TECHNICAL DATA

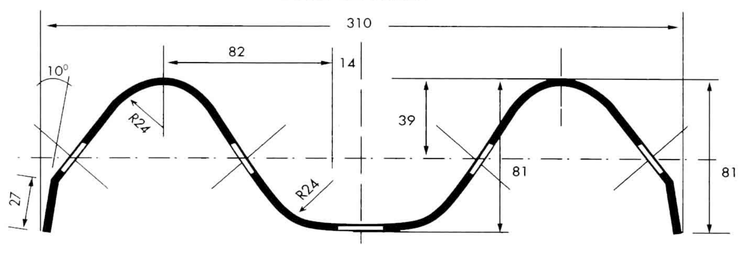
1. Base Metal specification to AASHTO M180-00
   - Minimum Yield Strength : 345 N/mm²
   - Minimum Tensile Strength : 483 N/mm²
   - Minimum Elongation : 12%
2. Galvanising specification to AASHTO M180-00
   - 550g/m2 minimum
3. Dimension to AASHTO M180-00

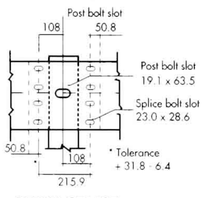
TYPE	EFFECTION LENGTH (MM)	OVERALL LENGTH (MM)	NOMINAL UNCOATED\ THICKNESS (MM)	WEIGHT (KG)
PE 1	3810	4128	2.67	44.0
PE 2	4000	4318	2.67	46.0

SECTION THROUGH BEAM

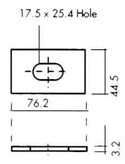


RAIL SECTION

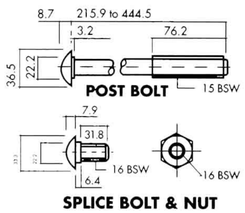




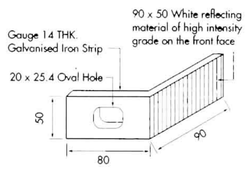
BEAM SPLICE



SPLICE WASHER



SPLICE BOLT & NUT



DELINEATOR STRIP

AASHTO M180 For Material
Class A (Beam or Sheet Thickness)

Type	Thickness		Tolerance Under Specified Thickness, No Limit for Over Thickness	
	mm	in	mm	in
I	2.74	0.108	0.23	0.009
II	2.82	0.111	0.23	0.009
III	2.67	0.105	0.23	0.009
IV	2.67	0.105	0.23	0.009

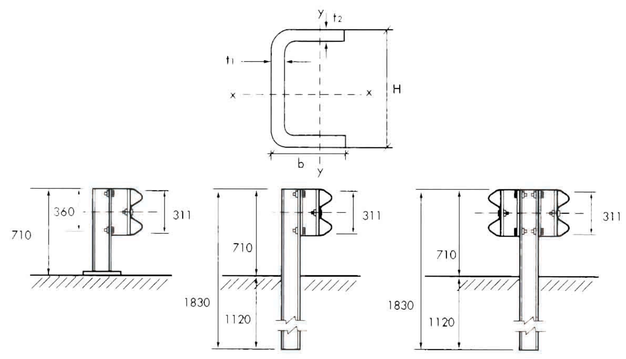
Class B (Beam or sheet thickness)

Type	Thickness		Tolerance Under Specified Thickness, No Limit for Over Thickness	
	mm	in	mm	in
I	3.51	0.138	0.25	0.010
II	3.58	0.141	0.25	0.010
III	3.43	0.135	0.25	0.010
IV	3.43	0.135	0.25	0.010

AASHTO M180 for Galvanized
Weight of Coating

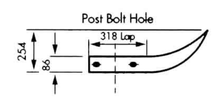
	Min Check Limit Single-Spot Test		Min Check Limit Triple-Spot Test	
Type	g/m²	oz/ft3	g/m²	oz/ft3
I	550	1.80	610	2.00
II	1100	3.60	1220	4.00

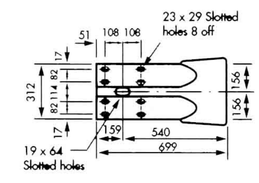
CHANNEL POST



H x b x t2 x t1 (mm)	Unit Weight (kg/m)	Section Area (cm^2)	Moment of Inertia		Section Modulus	
			1x (cm^4)	1y (cm^4)	Sx (cm^3)	Sy (cm^3)
C178 x 76 x 6 x 6	14.3	19.08	903.5	102.5	101.5	52.0

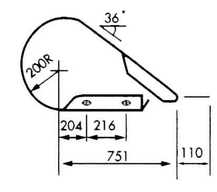
DETAIL 'A' - END WING PLAN

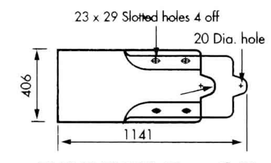




ELEVATION

BUFFER RETURN (Detail B)

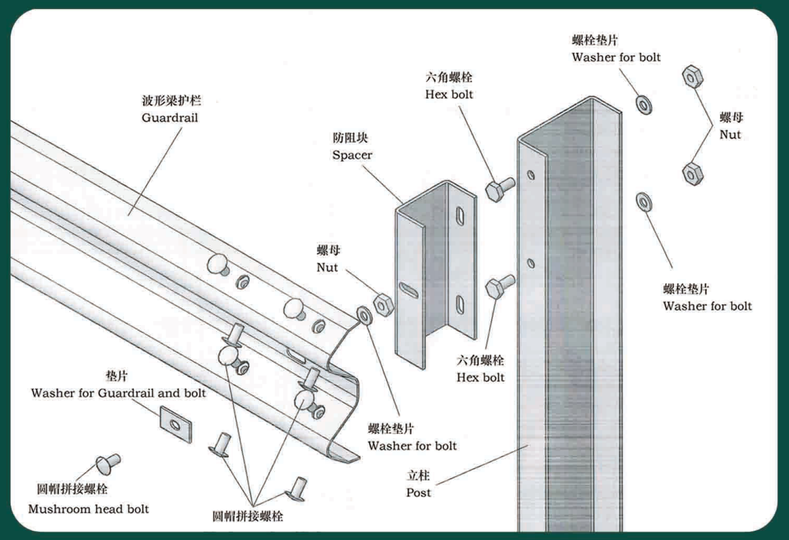




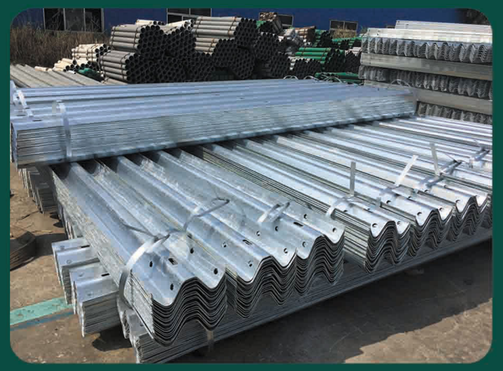
ELEVATION (Detail B)

U型立柱展示

The U post display



安装分解图/Installation Decomposition Diagram



U型立柱配套护栏/U Post Matching Guardrail

U型防阻块批量/U Spacer Batch

◎120型U立柱/ 120 Size U Post

◎150型U立柱/150 Size U Post

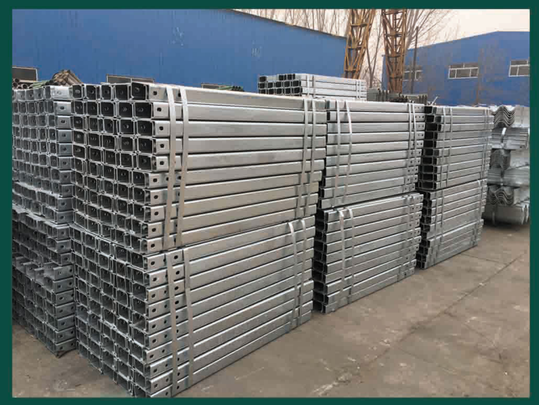
◎178型U立柱/178 Size U Post

◎中央隔离带U立柱/
Central Isolation Belt U Post

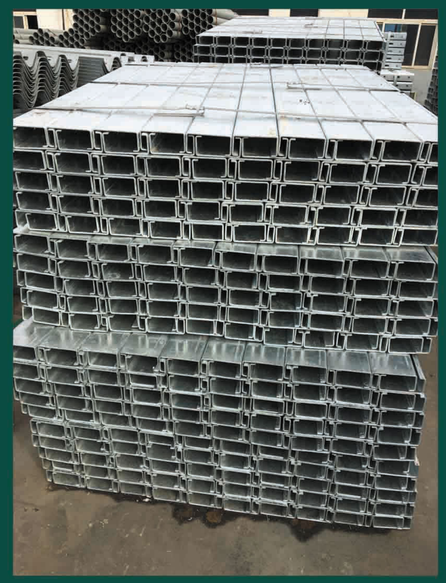
◎槽钢立柱/U-bar Post

◎UNP120立柱/UNP120 Post

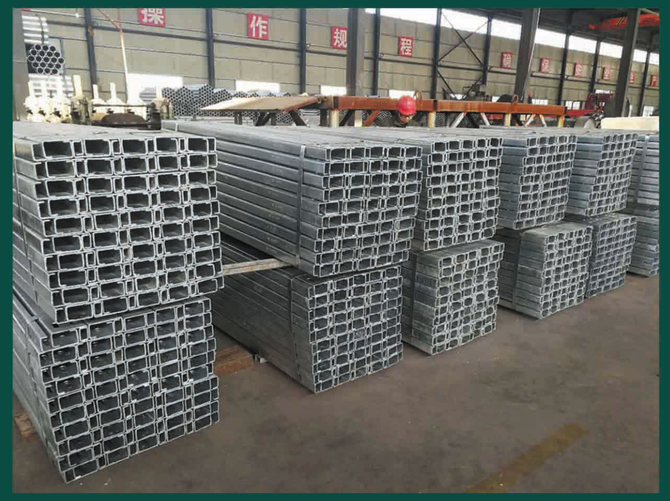
C型立柱展示
The C post display



◎ C立柱仓库/ C Post Warehouse



◎ C立柱仓库/ C Post Warehouse

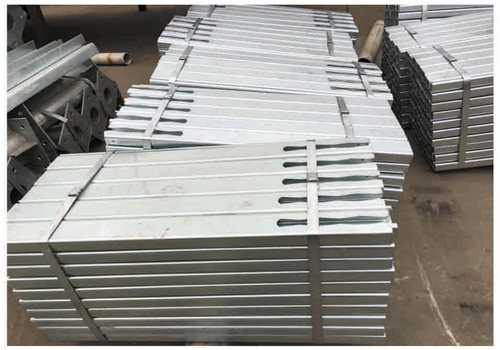


◎ C立柱仓库/ C Post Warehouse

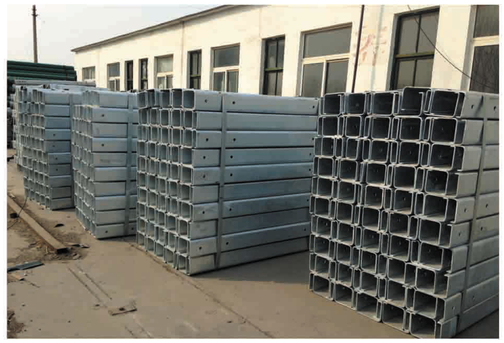
◎ C立柱配套防阻块/ C Post Matching Spacer

◎120型C立柱/ 120 Size C Post

◎100型C立柱/100 Size C Post



◎绳索护栏C立柱/ Rope Guardrail C Post



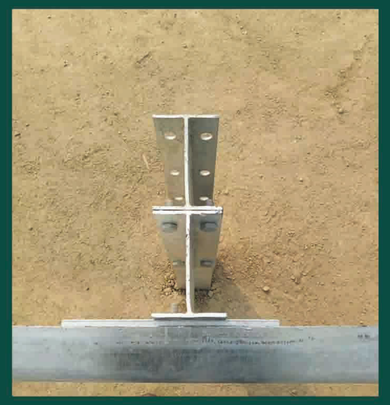
◎新加坡C型立柱/Singapore C Post

◎C立柱连接图/C Post Connection Diagram

◎150型C立柱/150 Size C Post

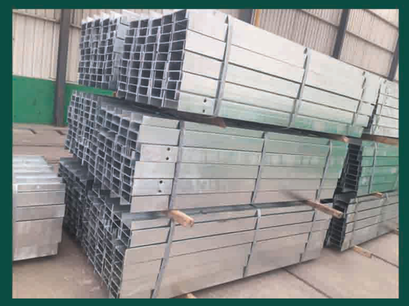
H Z 西格玛立柱

H Z Σ-POST



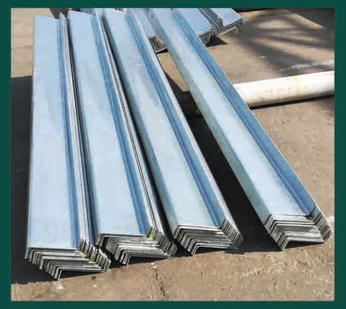
◎H立柱W150/ H Post W150

◎H立柱包装/ H Post Package



◎H立柱仓库/H Post Warehouse

◎H立柱发运/H Post Shipment



◎Z立柱/Z Post

◎法兰H立柱/ Flange H Post

◎西格玛立柱/ Sigma Post

◎西格玛立柱连接图/ Sigma Post Connection Diagram

鱼尾端头 桥头板 地锚端头

Fish Tail Anchor end

◎带拉杆端头组/
Terminal End Unit with Pull Rod

◎地锚端头/
Ground Anchor Terminal End

◎二变三护栏/
Two to Three Wave Guardrail

◎国标R160端头/
Chinese Standard R160 Guardrail

◎拉杆端头/
Pull Rod Terminal Guardrail

◎两波桥头端头/
Two Wave Terminal End for Bridge

◎喷塑端头/
Powder Coated Terminal

◎桥头板/
Guardrail for Bridge

◎三波桥头端头/
Three Wave Terminal End for Bridge

◎三波鱼尾端头/
Three Wave Fish Tail

◎双端头/
Double Terminal End

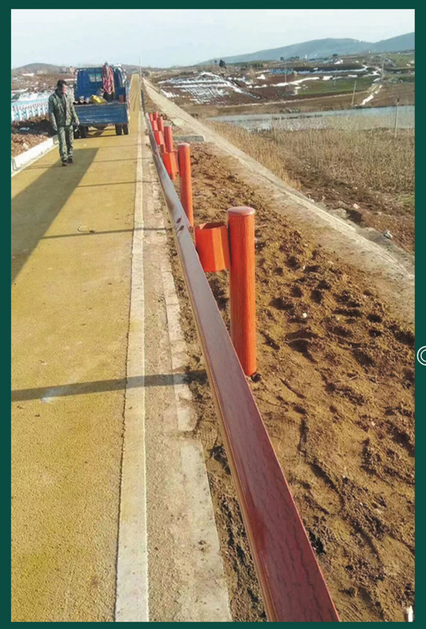
◎鱼尾端头/Fish Tail

汇泉交通设施

专业级护栏生产企业
PROFESSIONAL GUARDRAIL MANUFACTURER

更多规格产品
More products

◎ 防撞垫/Crash cushion　警示柱/Warning post　道钉/Spike



◎景区护栏/ Scenic Guardrail

◎桥梁护栏/ Bridge Guardrail

◎绳索护栏/ Rope Guardrail

◎弯曲护栏/ Curved Guardrail

◎异型立柱/ Abnormal Post

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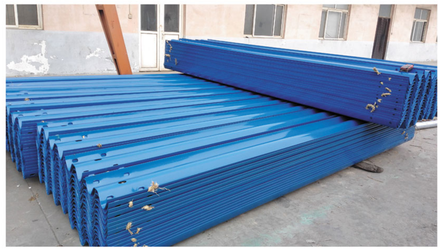
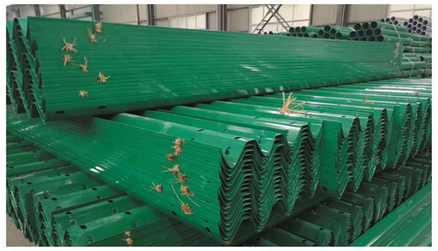
喷塑产品展示
Coating product display

◎喷塑白立柱/
White Powder Coating Round Post

◎喷塑产品连接图/
Powder Coating Guardrail Connection Diagram



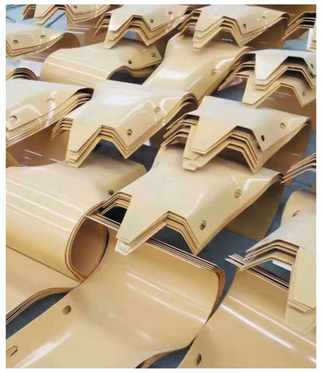
◎喷塑护栏/
Powder Coating Guardrail



◎喷塑护栏板/
Powder Coating Guardrail

◎喷塑立柱/
Powder Coating Round Post

◎喷塑两波防阻块/
Powder Coating Spacer for Two-Wave Guardrail

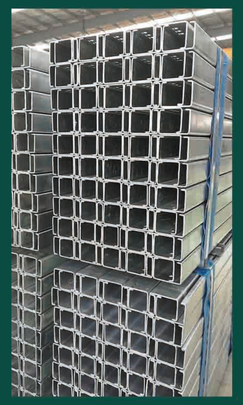


◎喷塑端头/
Powder Coating Terminal

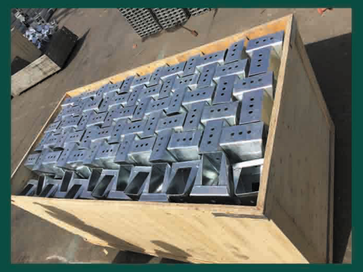
◎喷塑三波防阻块/
Powder Coating Spacer for Three-Wave Guardrail

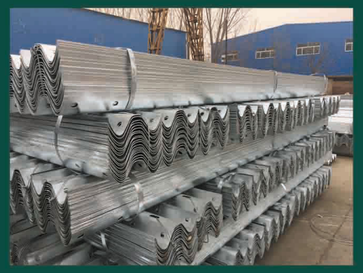
◎喷塑三波圆防阻块/
Powder Coating Round Spacer for Three-Wave Guardrail

包装展示
Package show


◎C立柱包装/
C Post Package

◎U型立柱包装/ U Post Package


◎防阻块包装/ Spacer Package


◎护栏包装/ Guardrail Package

◎立柱包装/ Post Package

◎连接件包装/ Connectors Package

◎圆管立柱包装/ Round Post Package

出口能力展示
Export t ability show

◎码头装卸/Loading at the port

◎U型立柱装箱/ U Post Loading

◎港口发运/ Shipped at the Port

◎港口发运/Shipped at the Port

◎护栏装箱/Guardrail Loading

◎美标护栏装箱/AASHTO Guardrail Loading

◎港口发运/ Shipped at the Port

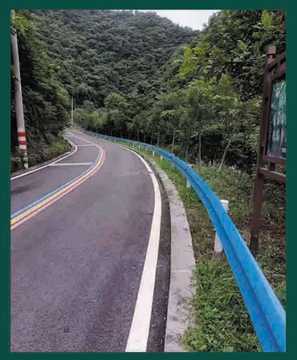
◎立柱装箱/ Post Loading

◎护栏港口装箱/ Guardrail Loading

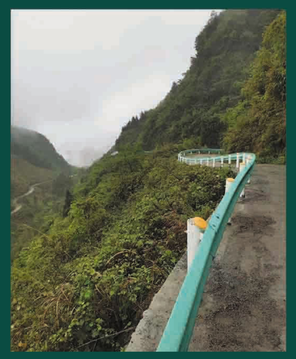
应用场景
Application Scenarios

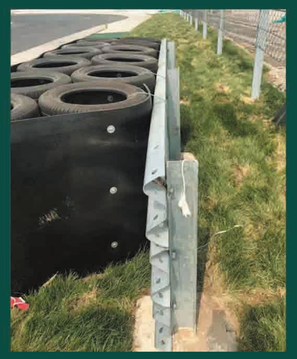
河道湖边/Sideway of river and lake

高速公路/Highway

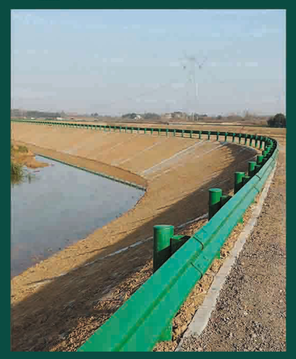

景区/Scenic spot

省道国道/Provincial road


盘山公路/Mountain road


赛车道/Raceway

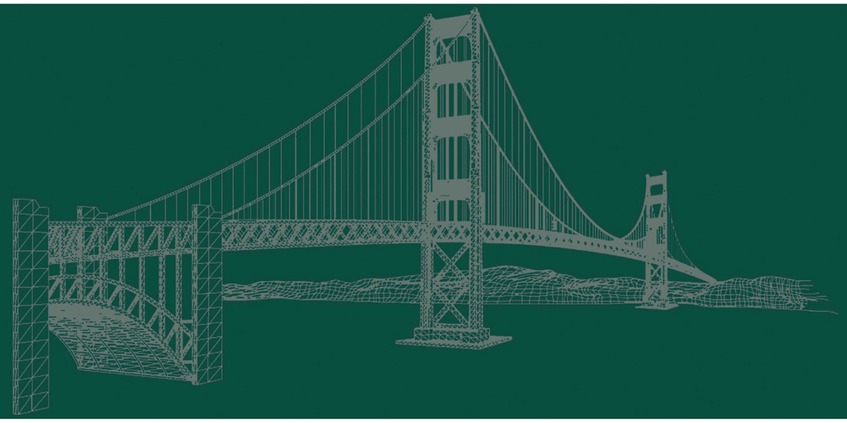
沿海道路/Coastal highway


水电站水库/Hydropower road

乡村公路/Country road

交通标志标牌
Traffic Sign

桥梁护栏
Bridge Guardrail



国内施工案例
Domestic construction cases

甘肃/Gansu

安徽/Anhui

河北/Hebei

广西/Guangxi

海南/Hainan

湖北/Hubei

湖南/Hunan

黑龙江/Heilongjiang

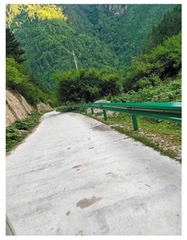
江苏/Jiangsu

吉林/Jilin

河南/Henan

辽宁/Liaoning

山西/Shanxi


青海/Qinghai

四川/Sichuan

天津/Tianjin

西藏/Xizang

新疆/Xinjiang

重庆/Chongqing

江西/Jiangxi

内蒙古/Neimenggu

山东/Shandong

陕西/Shanxi

云南/Yunnan

海外施工案例

Oversea construction cases

澳大利亚 /Australia

巴基斯坦/Pakistan

玻利维亚/Bolivia

多哥/Togo

菲律宾/Philippines

巴新/Papua New Guinea

印度/India

加拿大/Canada

印尼/Indonesia

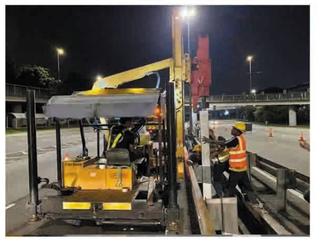
加纳/Ghana

科威特/Kuwait

马来西亚/Malaysia

毛里求斯/Mauritius

缅甸/Myanmar



沙特/Saudi Arabia

坦桑尼亚/Tanzania

委内瑞拉/Venezuela

文 莱/Brunei

乌干达/Uganda

新加坡/Singapore

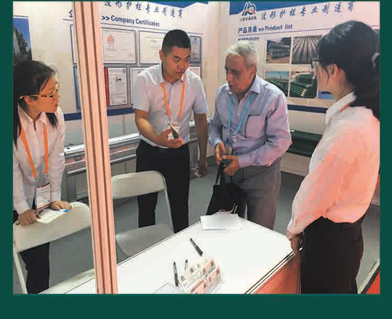
新西兰/New Zealand

牙买加/Jamaica

越 南/Vietnam

智 利/Chile

跨国合作
COOPER ATION



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TECHNOLOGY INNOVATION HONESTY DEVELOPMENT

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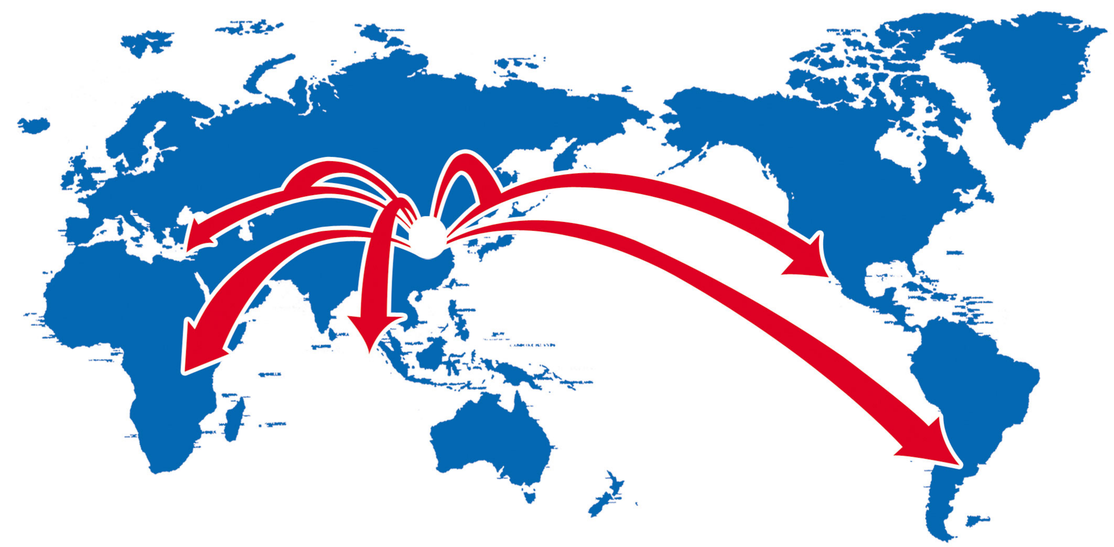
"Soliciting clients in earnest，Win reputation by quality".
From the beginning, in order to win the customer's trust and support, our company always attache great importance to friendly cooperate with customers, to ensure quality and service, and to value honor.
"To widely cooperate with friends and to share prosperity" has become our most sincere pursuit.



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In addition to provide you with high quality producs,we provide the following services

1. 针对发出货物进行一对一线上指导安装. — One-to-one online instruction for installation.
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3. 因产品原因导致无法使用的,进行免费更换 — Due to quality, replace it for free.
4. 对客户进行定期回访 — Regularly asking feedback from customers

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Catering to Chinese “The Belt and Road” stratagem, we will offer the best installation suggestions for customers from different areas with various weather condition. We will keep improving guardrail quality with great technical performance to satisfy various markets and requests