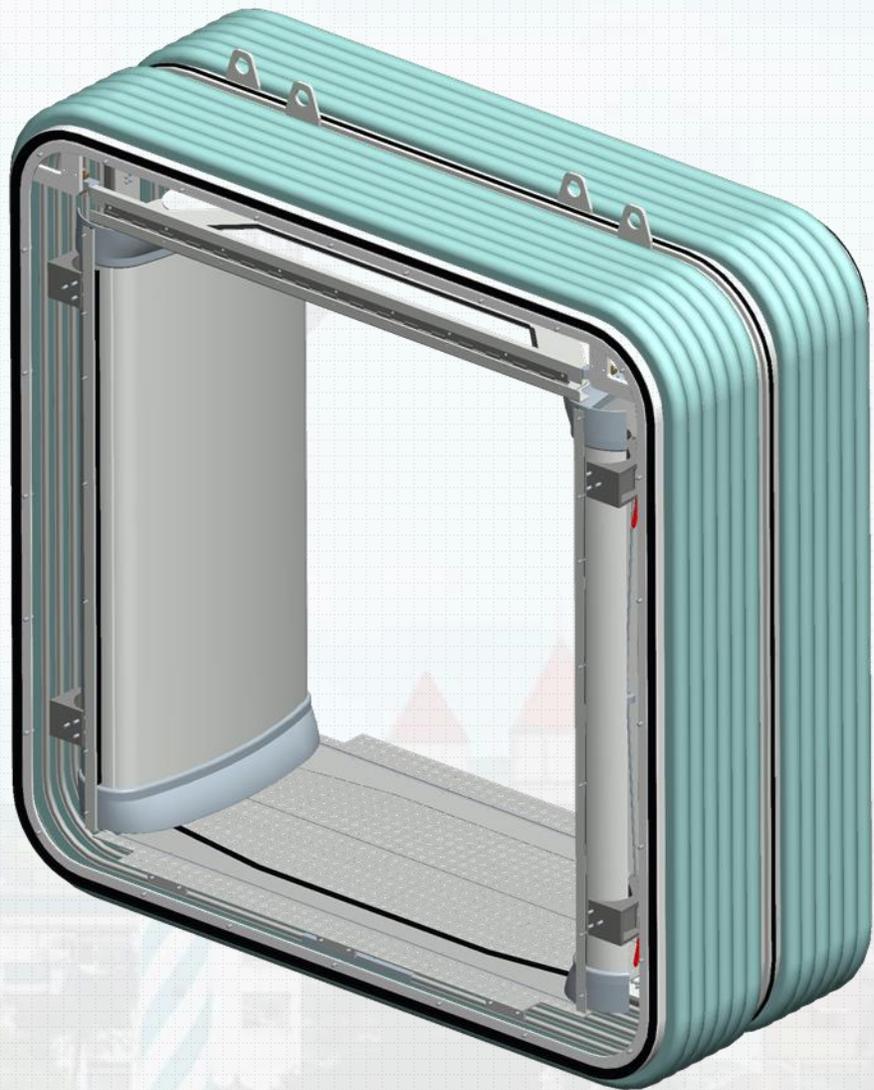


# Company Presentation



**重庆永贵交通设备有限公司**  
**Chongqing Yonggui Traffic Equipment Co., Ltd.**

# CONTENT



**01** / Company Profile

**02** / Product Introduction

**03** / Qualifications And Honors

**04** / Application Performance

# 01

## Company Profile

**Build A Better Windshield**  
**Create A First-class Enterprise**

## Zhejiang Yonggui Electric Appliance Co., Ltd

Yonggui  
Appliances

Headquartered in Tiantai, Zhejiang, it was listed on the Shenzhen Stock Exchange in September 2012, stock code: 300351;

Qualifications And  
Honors

It is a national high-tech enterprise, has obtained more than 500 national patent authorizations, and has a number of independent technology research and development centers;

Three Major  
Industrial Sectors

Rail transit and industry, vehicle and energy information, special equipment;

Seven Major Rail  
Transit Products

Gangways, connectors, doors, pantographs, shock absorbers, Axle counting system, battery.

Five R&D Centers

Headquarters in Zhejiang, Sichuan, Beijing, Shenzhen and Jiangsu;

Six Production  
Bases

Headquarter in Zhejiang, Beijing, Chengdu, Mianyang, Nanjing, Shenyang;



# Chongqing Yonggui Traffic Equipment Co., Ltd

### Chongqing Yonggui

Zhejiang Yonggui Electric Co., Ltd. (300351) holding subsidiary, in 2016 the acquisition of Chongqing Ruixuan Rail Transit Equipment Co., Ltd. restructuring and renaming, focusing on the product development, manufacturing, sales and service of the high-tech, specialized, special and new and integration of industrialization and industrialization standard implementation enterprises, products are used in urban rail subway, high-speed rail bullet train, city express, monorail, air rail, maglev and other vehicles.

### Certificates

It has successively obtained the international railway industry standard IRIS(ISO/TS22163), the international welding system certification EN15085-CL1, and the Ministry of Industry and Information Technology integration management system certification GB/T 23001-2017.

### Supplier Qualifications

It has successively obtained the qualified supplier qualifications of CRRC Changqing, CRRC Sifang, CRRC Puzhen, CRRC Tangshan, CRRC Dalian, Beijing Jingche, CRRC Zhuji and other OEMs.

# » Company Profile (Certificate of Honor)



High-tech Enterprise  
Certificate



Specialized And  
Special New  
Enterprise Certificate



Chongqing Yonggui Transit Equipment Co., Ltd.  
No.68, Shangjie, Jinjialin, Fucheng District, Mianyang City  
621000 Sichuan Province  
China

IRIS Certification® confirmed the quality performance level of the  
above organization as



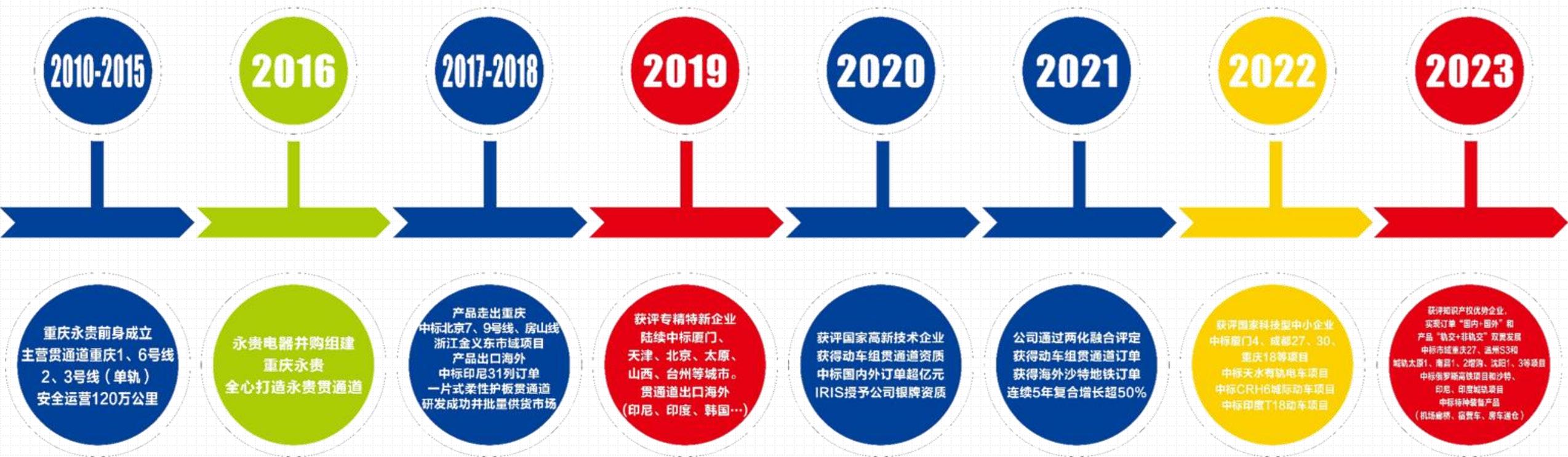
as result of the last audit performed by SGS SA according IRIS  
Certification® Conformity assessment:2020.

valid from: 05/09/2023

valid until: 01/12/2024

IRIS Certified Silver  
Certificate

# » Company Profile (Development History)



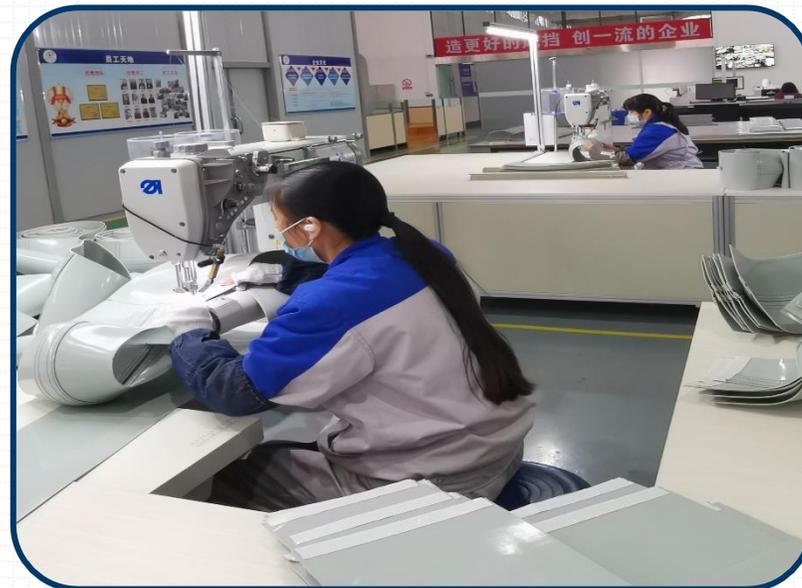
# » Company Profile (Manufacturing Equipment)



CNC Cloth Cutting Machine



Sewing Production Line



Gantry Machining Center



CNC Simmering Bending Machine



# » Company Profile (Experimental Equipment)



Watertight Rain Test Bench



Air Tightness Test Bench



Displacement Test Bench 1



Displacement Test Bench 2

# » Company Profile (Testing Equipment)



- Tensile Testing Machine
- Three-coordinate Tester
- Vibration Test Bench
- High Temperature Test Chamber
- Cryogenic Test Chamber



# Company Profile (Third-Party Testing Experiment)



## 测试结果

该地铁贯通道按照 BS 476-22: 1987 进行测试后耐火性能如下:

耐火完整性: 30min (未失效)  
耐火隔热性: 30min (未失效)

测试日期: 2020年6月4日

注: 按委托方要求, 30min 时中止试验。



시험성적서

한국조선해양기자재연구원

시험성적서 번호: KCMERH-0402-1971231

본시험에서 검사구 피용상단 5호 35(후 46744) Tel 051-400-5400, Fax 051-400-5497 http://www.kcmertl.kr

1.1 시험자

- 회사명: Chongqing Yonggui Traffic Equipment, Ltd. / 우성티엘(중)
- 주소: Technology Venture Park Jinliulin Street No. 68, Mianyang-shi, China / 경기도 평주시 곤지암읍 부항길 45
- 접수일자: 2019. 03. 29

2. 시험대상물

- 시료명: 전동차용 플로어넬릭 Interior Panel
- 도결명: 서울교통공사 3호선 전동차 196량
- 제품번호: -

3. 시험규격: ASTM E 662-17a Standard test method for specific optical density of smoke generated by solid materials

4. 성격서 용도: 품질확인용

5. 시험기간: 2019. 04. 09

6. 시험환경: 온도 (시작 21 °C / 종료 22 °C), 습도 (시작 54 % RH / 종료 55 % RH)

7. 시험결과: 18. 시험결과와 참조

의 성격서 위의 내용은 시험결과에 의해 제품정보 시료에 한하여, 용도 이외의 사용을 금합니다.

확인	시험실장	시험일자	기술책임자
장명	이인규	2019. 04. 09	전준표

위 성적서는 국제시험기관협약체제(International Laboratory Accreditation Cooperation) 상호인정협정(Mutual Recognition Arrangement)에 서명한 한국인정기구(KOLAS A13)로부터 공인받은 분야에 대한 시험결과입니다.

한국인정기구 인정

(재)한국조선해양기자재연구원 (인)

KCMER-P-24-01(18) 페이지(1) / 총(14)

G4B(www.g4b.go.kr)신뢰확인코드: cv6C3skTDx4=

1.2 시험규격

- ASTM E 662-17a Standard test method for specific optical density of smoke generated by solid materials

1.3 시험장비

장비명	모델	일련번호	교정유효일자
연기발도시험기	FT-SB-501	082-601-121-006	- 2020. 01. 02
항온항습조	ATS-THT1000	-	- 2020. 01. 02
디지털 열리버스	CD-20CPX	11287593	- 2019. 04. 25
전기시시계측	CUW620DH	D454710368	- 2020. 01. 02
온습도기록계	342	110701591	- 2019. 04. 29

1.4 시험준비

사진 1-1 ASTM E 662 시험 장비, 시험편 및 Multi Flamelet Burner

KCMER-P-24-01(18) 페이지(4) / 총(14)

G4B(www.g4b.go.kr)신뢰확인코드: cv6C3skTDx4=

## 六、加权噪声降低量 $R_w$

根据 TB T 3094-2004 《铁道客车折棚式风挡》和 GB T 50121 《建筑隔声评价标准》，评价结果为:

$R_{w1}$ =44.3dB,  $R_{w2}$ =41.4dB,  $R_{w3}$ =41.3dB,  $R_{w4}$ =42.3dB.

常州金坛轨道交通技术服务有限公司

审核: 刘小松

批准人: 沈翔

刘小松

沈翔

## 传热系数检验信息

风挡内部温度 (°C)	23.34	风挡外部温度 (°C)	-1.02
风挡内外温差 (K)	24.35	平均功率 (W)	796.91
传热面积 (m <sup>2</sup> )	10.0	封堵结构面积 (m <sup>2</sup> )	7.5
封堵传热系数 (W/(m <sup>2</sup> ·K))	0.42	传热系数 (W/(m <sup>2</sup> ·K))	2.96
记录次数	风挡内温度(°C)	风挡外温度(°C)	功率(W)

Gangway Soundproofing  $\geq 40$ db

Thermal Insulation Coefficient 2.96w/m<sup>2</sup>·K

30min Combustion Qualified

Passed The Korean Flame Retardant Test

共創

# 02

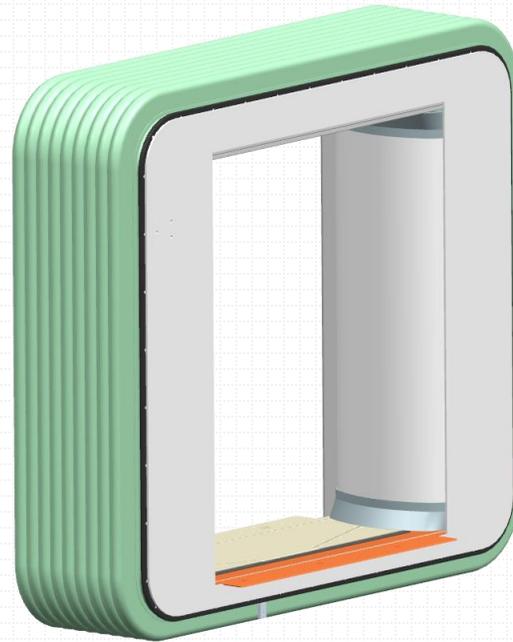
## Product Introduction

**Help the development of rail transit to  
become a leader in connecting roads**



## High-speed Rail EMU Gangway

- ◆ The passage width is smaller
- ◆ Generally without upholstery (roof and side walls)
- ◆ The structure is relatively simple
- ◆ High requirements for sound insulation, heat insulation and air tightness
- ◆ Meet the requirements of aerodynamic load during high-speed meeting



## Intercity City Express Gangway

- ◆ The pass width is larger
- ◆ Most of them have interiors (roof and side walls).
- ◆ The sound insulation is more than 36dB, and there are air tightness requirements
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional
- ◆ Meet the requirements of rapid decompilation and linkage



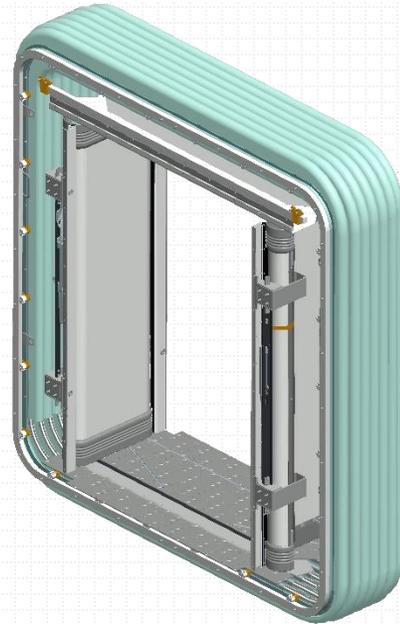
## 160 Km EMU Windshield

- ◆ The passage width is smaller
- ◆ Without interior panels
- ◆ The sound insulation is more than 34dB, and there are air tightness requirements
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional to meet the requirements of fast decompilation and hanging



## Subway Split Type Type A Gangway

- ◆ The pass width is 1500mm, and the pass height is 1900mm
- ◆ One-piece or three-piece guards
- ◆ The sound insulation is more than 36dB, and there is generally no air tightness requirement
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional
- ◆ Meet the requirements of rapid decompilation and linkage



## Subway One-piece Type B Car Gangway

- ◆ Passage width 1300mm, passage height 1900mm
- ◆ One-piece guard plate
- ◆ The sound insulation is more than 36dB, and there is generally no air tightness requirement
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional
- ◆ Meet the requirements of rapid decompilation and linkage



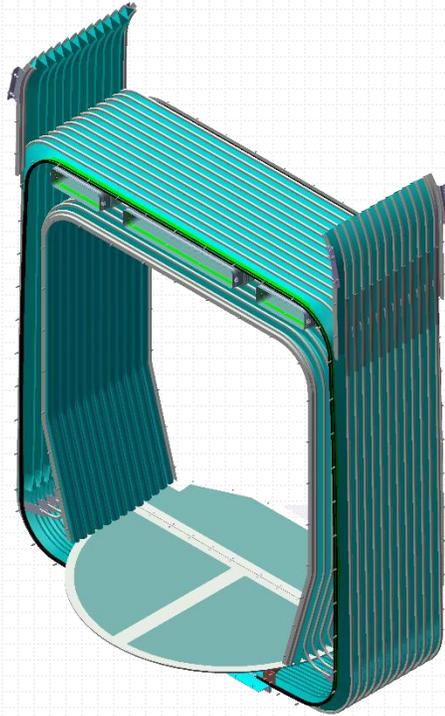
## Subway Three-piece Type B Car Runs Gangway

- ◆ Passage width 1300mm, passage height 1900mm
- ◆ Three-piece guard plate
- ◆ The sound insulation is more than 36dB, and there is no airtight requirement
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional
- ◆ Meet the requirements of rapid decompilation and linkage



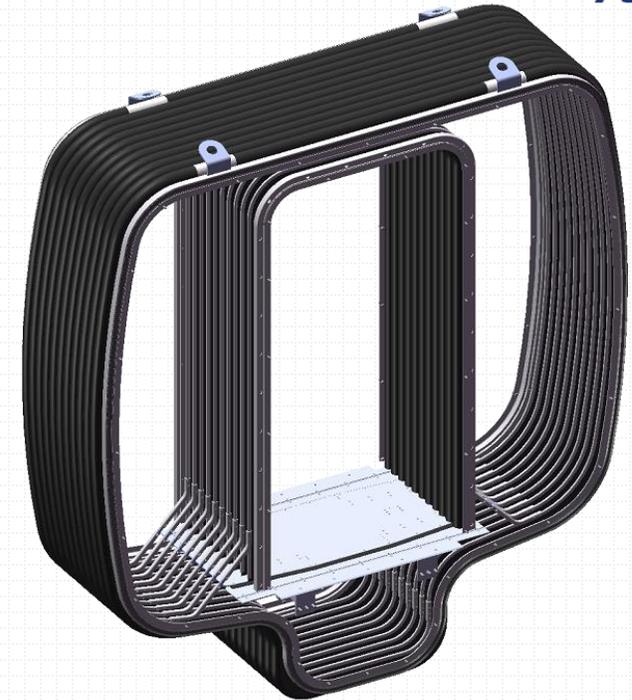
## Monorail Air Rail Without Interior Panels Gangway

- ◆ The width and height can be customized according to the user's needs
- ◆ Without interior panels
- ◆ Sound insulation of more than 25dB, no air tightness requirements
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional
- ◆ Meet the requirements of rapid decompilation and linkage



## Tram Gangway

- ◆ The width and height can be customized according to the user's needs
- ◆ Without interior panels
- ◆ Sound insulation of more than 35dB, no air tightness requirements
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional
- ◆ Meet 100% low floors

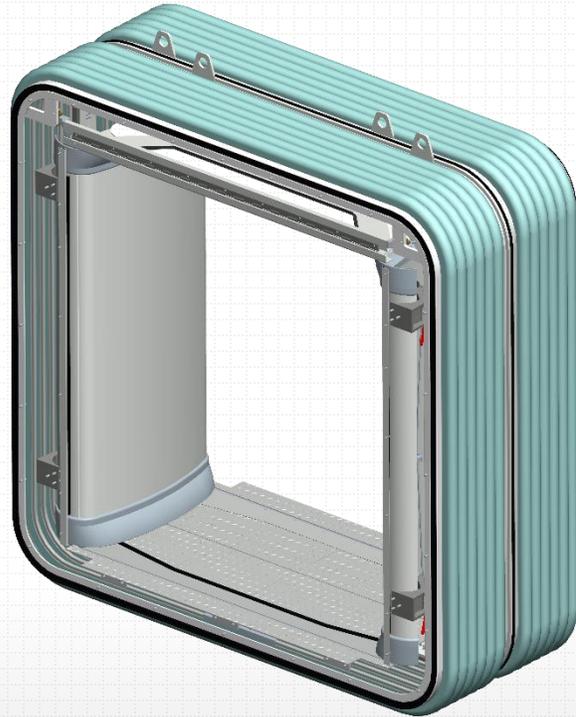


## Maglev Gangway

- ◆ The passing width is large, and the outer contour is basically level is the car body
- ◆ Without interior panels
- ◆ Sound insulation 12~25dB, no air tightness requirements
- ◆ Flame retardant EN45545, BS6853, DIN5510 optional
- ◆ The folding windshield is used to meet the requirements of small curves

# » Product Introduction

(Metro Type A Car gangway - Performance Characteristics)



**High Safety Performance**

**Low Maintenance Costs**

**Split Folding Shed Structure**

**One-piece Flexible Guard Plate**

**Light Materials**

**More Wear-resistant**

# Product Introduction

(Metro Type A gangway - Product Structure)

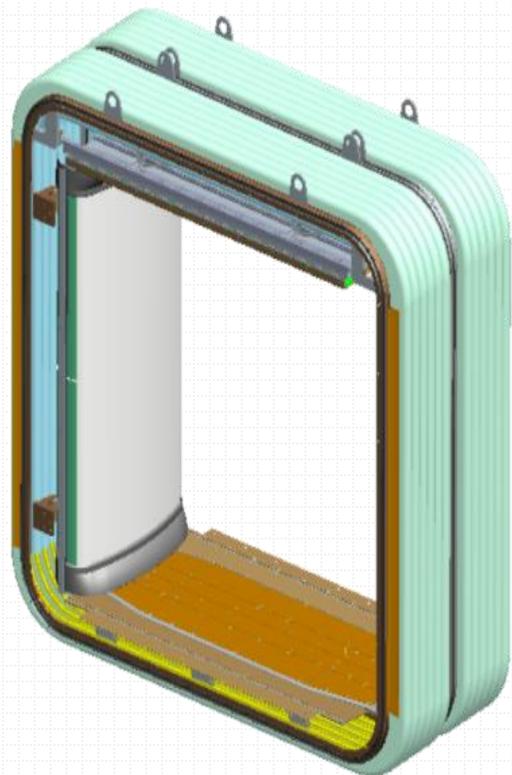


Diagram Of The Breakgangway

Position

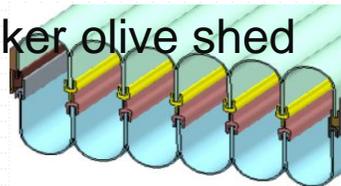
Structure Selection 1

Structure Selection 2

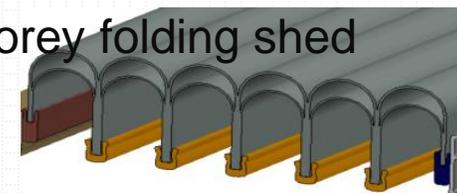


Windshield  
Folding  
Shed

Double-decker olive shed



Double-storey folding shed



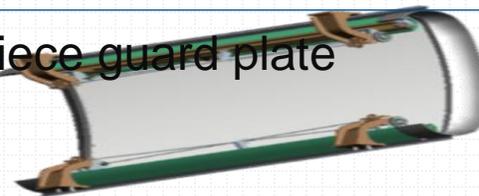
Top  
Plate

Two-piece top plate

Three-piece top plate

Guard  
Plate

One-piece guard plate



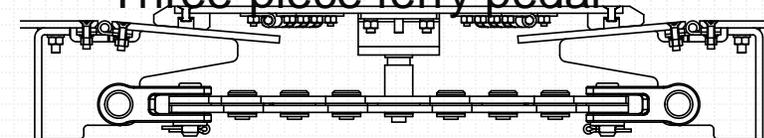
Three-piece guard plate

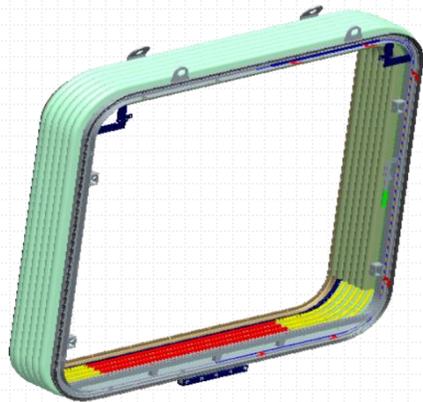


Ferry  
Pedal

Two-piece lap ferry pedal

Three-piece ferry pedal

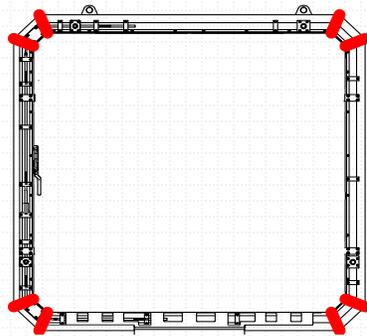




## Design innovation

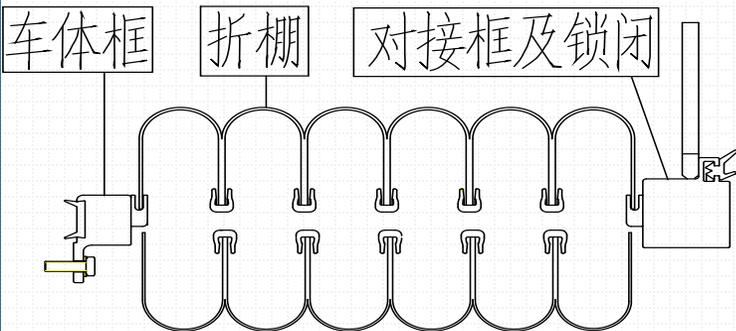
common in the industry to require 8 solder joint structures

## Docking frame and locking

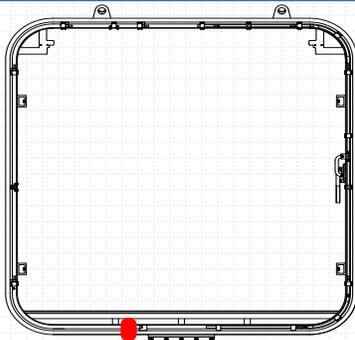


## Comparison Notes

1. Adopt splicing welding process, 8 welding positions.
2. The weight of the butt frame profile is heavy.
3. It is difficult to ensure the consistency of the 8 solder joints, and the docking frame locking mechanism is easy to stuck.



Yonggui pioneered Only 1 pc Solder joint structure



1. Adopt the integral simmering and bending forming process, the product has high consistency, and there is only 1 welding position.
2. The butt frame profile is light in weight.
3. The product is more stable and the butt frame is locked more smoothly.
4. The appearance is more beautiful and the performance is more reliable.

Optimize the docking frame and locking structure, the main highlights are as follows:

1. gangway weight reduction: the overall weight reduction is more than 50 kilograms.
2. Reduction of welding points: effectively reduce manufacturing risks, which is conducive to ensuring and improving product quality.
3. Patent application: The company applied for a patent in 2019, patent number: ZL2020 2 0888739.1

# » Product Introduction

(Metro Type B Gangway - Performance Characteristics)



Improves curve  
passing force

Higher safety  
performance

Integral folding  
shed structure

Optimize the  
production  
process

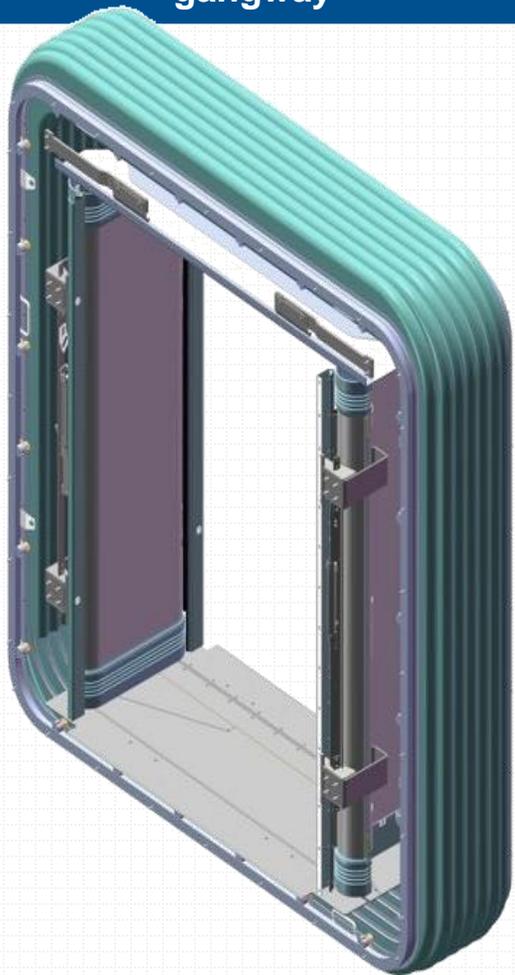
Solve paint  
friction

Enhanced sound  
insulation

# Product Introduction (Metro Type B Gangway Product Structure)



## Diagram Of The Break gangway



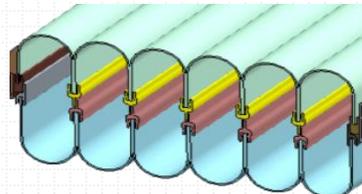
### Position

### Structure Selection 1

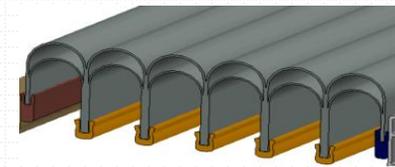
### Structure Selection 2

Windshield  
Folding  
Shed

Double-decker olive shed



Double-storey folding shed



Top  
Plate

Two-piece top plate

Three-piece top plate

Guard  
Plate

One-piece Guard plate



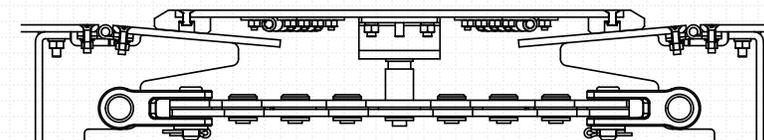
Three-piece Guard plate



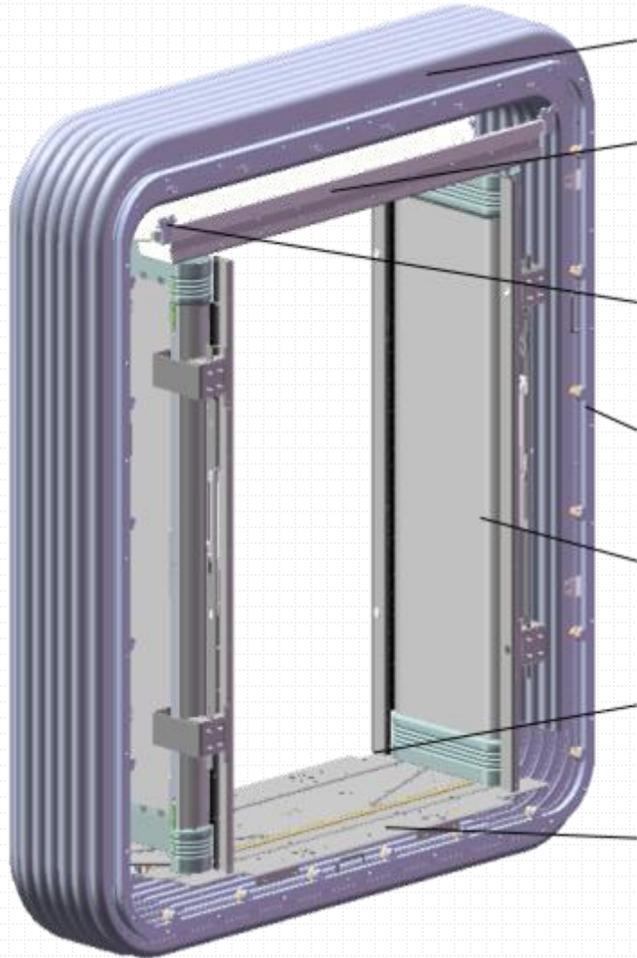
Ferry  
Pedal

Two-piece lap ferryboard pedals

Three-piece ferry pedal



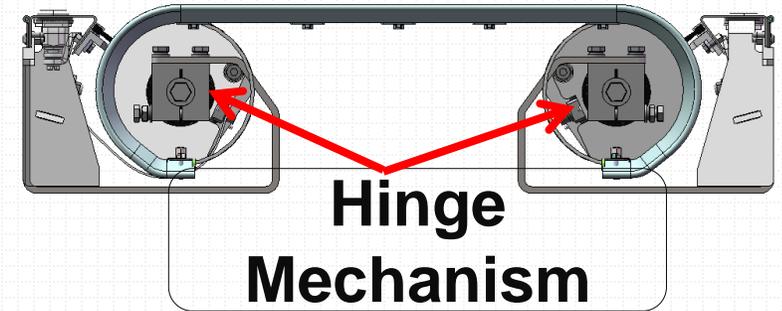
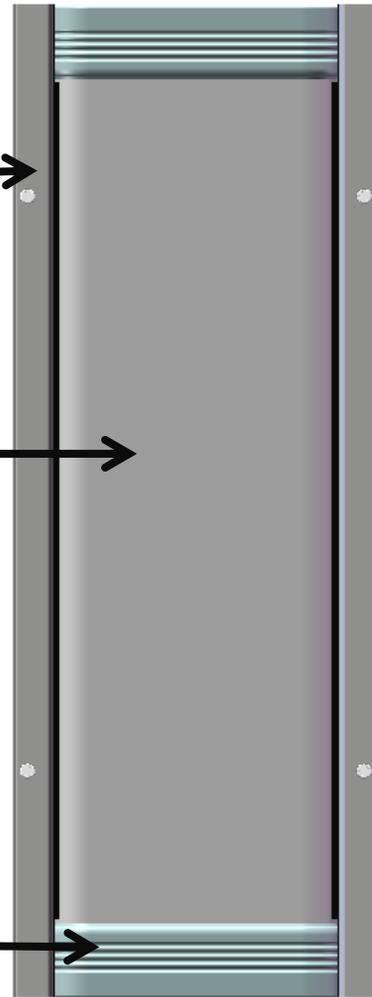
# » Product Introduction (Metro Type B gangway - One-piece Guard)



Cover Plate  
Right

Integrated  
Side Guards

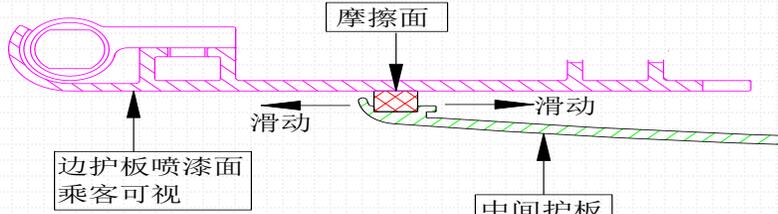
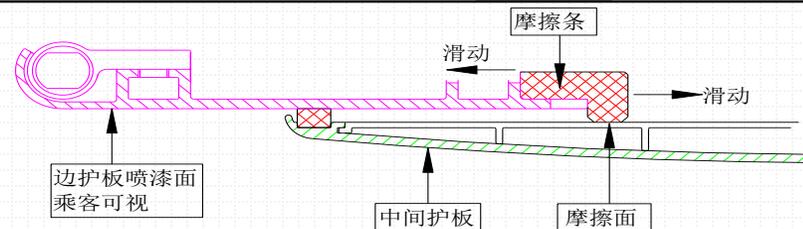
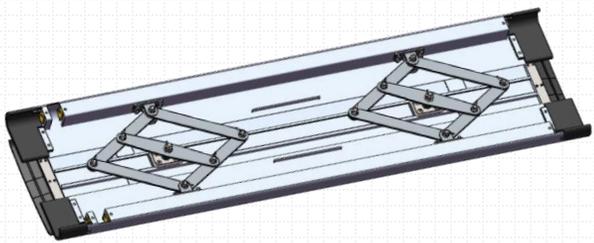
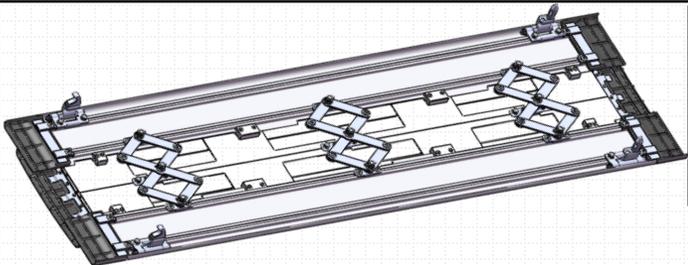
Rubber  
Skirting

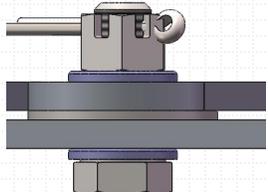
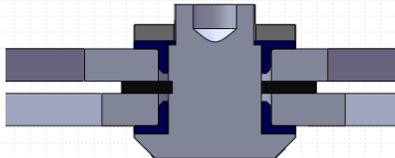
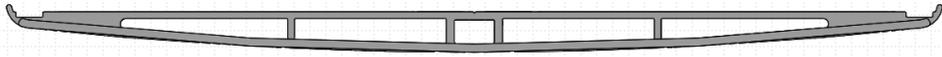


Hinge  
Mechanism

## How it works:

The one-piece side guard plate is fixed by screws and the rotating shaft mechanism, and the tension and contraction of the panel are realized through the torsion spring in the rotating shaft mechanism, so as to keep the side guard plate of the passenger face always in a flat state, which is more beautiful

Design innovation		Icon	Comparison Notes
Optimization of the friction contact surface structure	Three-piece construction widespread in the industry		The friction surface between the middle guard plate and the side guard plate, is the sliding friction of the visible surface. Visible paints are susceptible to abrasion.
	Yonggui Guard is Improved Structure		The friction surface between the middle guard plate and the side guard plate, It is a sliding friction on an invisible surface. The visible surface paint is protected and not easily grinded.
Internal linkage Institutional optimization	Two-link mechanism widespread in the industry	 <div data-bbox="1454 779 1717 972" style="border: 1px solid black; padding: 5px; display: inline-block;">2 pairs of internal Linkage mechanism</div>	In the industry, it is generally a two-pair connecting rod structure, The gap between the guard plate is large, up to 20mm, and there is a risk of pinch passengers during operation.
	Yonggui Improved Three-link Mechanism	 <div data-bbox="1454 1043 1717 1243" style="border: 1px solid black; padding: 5px; display: inline-block;">3 pairs of internal Linkage mechanism</div>	Three pairs of connecting rod mechanism are adopted, evenly arranged, Effectively reduce the gap of the guard plate, up to 10mm, to avoid the risk of pinching passengers, more beautiful appearance, more reliable performance.

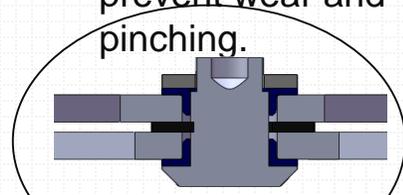
Design Innovation		Icon	Comparison Notes
Connecting rod joints structural optimization	Three-piece construction widespread in the industry		The joint of the connecting rod of the guard plate adopts a slotted nut and cotter pin structure. <b>Poor reliability, poor connecting rod fit, and large amount of shaking.</b>
	Yonggui Guard is Improved Structure		The joint of the connecting rod of the guard plate adopts a pressure riveting structure. <b>The structure is compact and reliable.</b>
Intermediate guards institutional optimization	Two-link mechanism widespread in the industry		The intermediate guard plate is constructed of multi-part welding. <b>The reliability of the welding process is unstable and the amount of deformation is large.</b>
	Yonggui Improved Three-link Mechanism		The intermediate guard plate adopts an integral mold. <b>The overall mold opening panel has excellent flatness, beautiful appearance, and strong reliability of weld-free structure.</b>

# Product Introduction

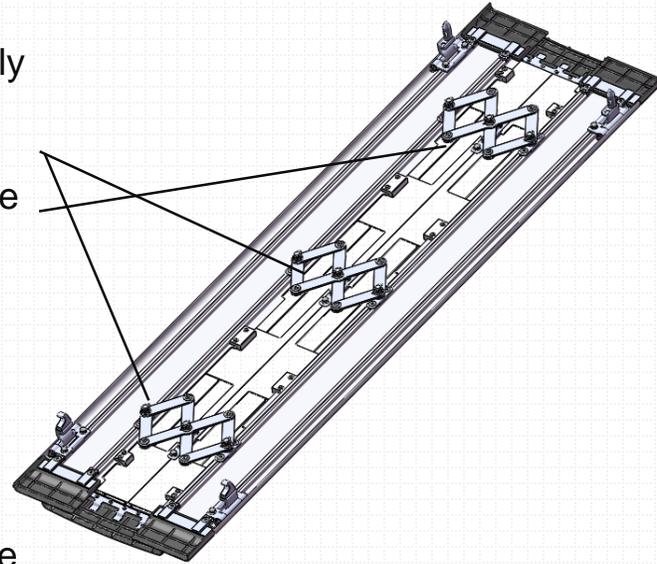
(Metro Type B gangway Innovation Highlight)



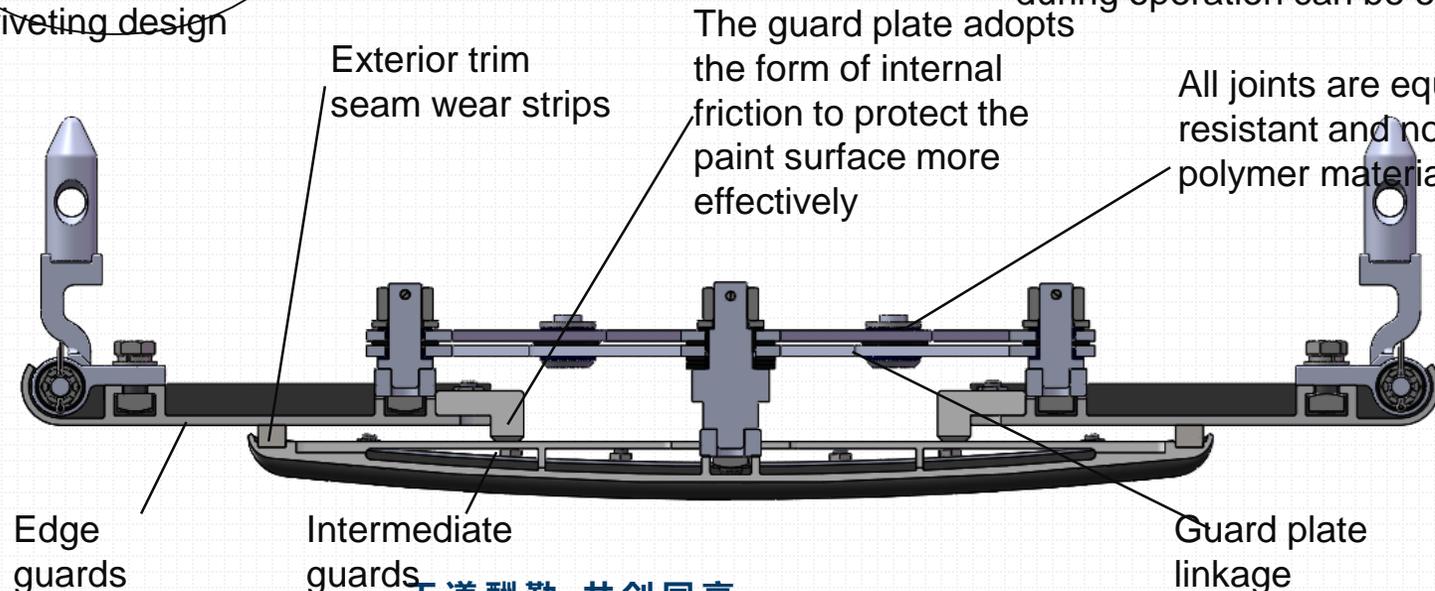
The three-set connecting rod design can effectively prevent the vehicle from rolling over the curve and reduce the gap between the guard plates, and prevent wear and pinching.



Linkage joint pressure riveting design



The side guard plate assembly adopts a lightweight design, and there is no welded connection between the parts components, which has strong reliability. The skirt of the middle guard plate is in a line is the skirt of the side guard plate, which is more beautiful. The gaps are evenly spaced everywhere, and the passenger experience is good. The intermediate guard plate adopts the integral mold opening instead of traditional welding, and the flatness of the guard plate panel is higher, and the deformation of the guard plate during operation can be effectively improved.



Product introduction (high-speed rail 350, 160 power centralized type, national standard, 25T through the road - performance characteristics)



High safety performance

Quickly Decouple And Link



Good Sound Insulation And Noise Reduction

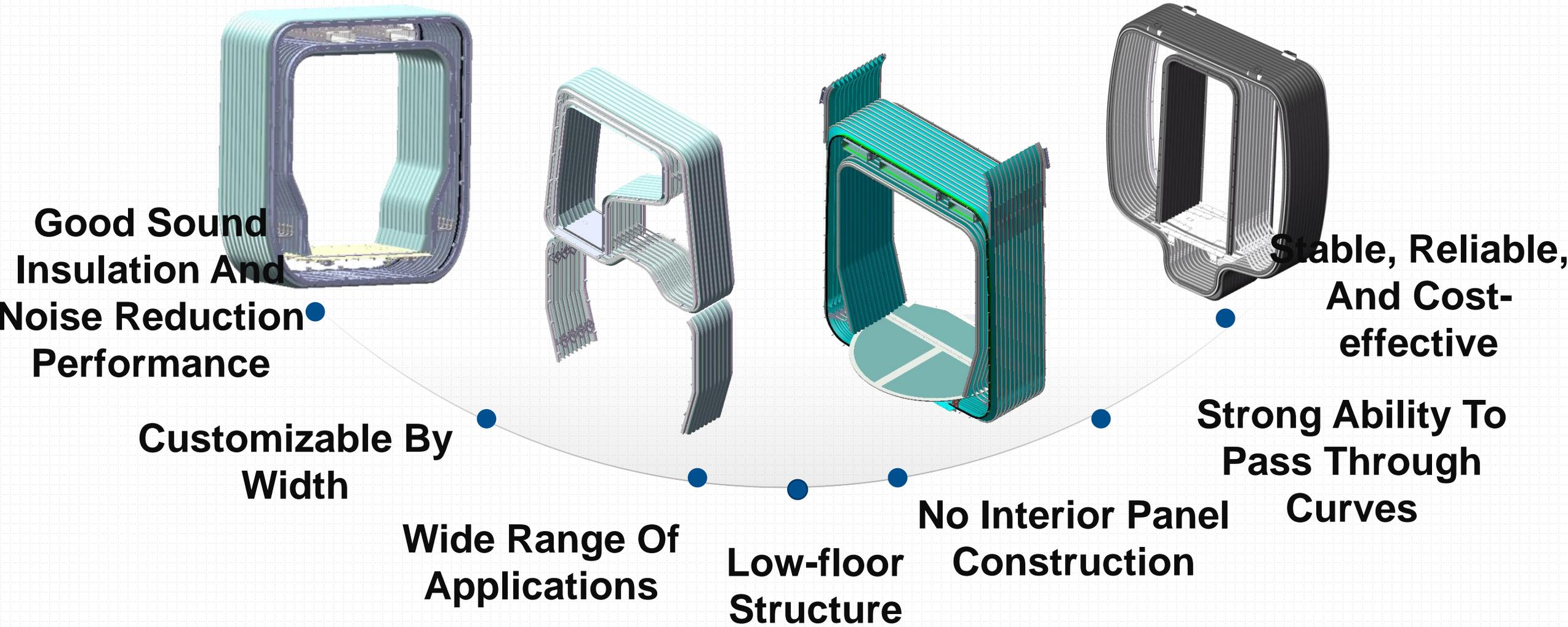


Coupler-free Support Structure



High Aerodynamic Loads

Low Maintenance Costs



# 03

## Qualifications And Honors

**The Customer Comes first**  
**Professional focus**  
**Wholehearted Service**



# Qualifications and Honors (Patent Certificate)



证书号第5783506号



## 发明专利证书

发明名称: 一种大型箱体自动送料-弯曲-焊接流水生产线

发明人: 王炜; 谭建林; 王建军; 代应顺; 罗玉仓

专利号: ZL 2022 1 1486719.1

专利申请日: 2022年11月25日

专利权人: 成都永贵东洋轨道交通设备有限公司  
重庆永贵交通设备有限公司

地址: 610500 四川省成都市新都区石板滩镇创飞路369号

授权公告日: 2023年03月14日 授权公告号: CN 115533525 B

国家知识产权局依照中华人民共和国专利法进行审查, 决定授予专利权, 颁发发明专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。专利权期限为二十年, 自申请日起算。

专利证书记载专利登记时的法律状况, 专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长 申长雨



2023年03月14日

第1页(共2页)

其他事项参见续页



## 专利证书

路26号

授权公告号: CN 213473130 U

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专利权的转移、质押、无效、终止、恢复和专利记载在专利登记簿上。



2021年06月18日

背面



## 专利证书

刘仰; 罗磊

路26号

授权公告号: CN 212148832 U

法经过初步审查, 决定授予专利权, 颁发实用新型专利证书自授权公告之日起生效。专利权期限为十年。

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2020年12月15日

背面



## 专利证书

罗磊; 曹亮

路26号

授权公告号: CN 214450945 U

法经过初步审查, 决定授予专利权, 颁发实用新型专利证书自授权公告之日起生效。专利权期限为十年。

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2021年10月22日

背面



## 专利证书

罗磊; 刘仰

路26号

授权公告号: CN 214450946 U

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2021年10月22日

背面



## 证书

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2012年12月05日

# Qualifications and Honors (Patent Certificate)



证书号第 5707721 号



## 发明专利证书

发明名称：一种异形型材的加工工装

发明人：王炜; 谭建林; 王建军; 代应顺; 徐强

专利号：ZL 2022 1 1430234.0

专利申请日：2022 年 11 月 16 日

专利权人：成都永贵东洋轨道交通装备有限公司  
重庆永贵交通设备有限公司

地址：610500 四川省成都市新都区石板滩镇创飞路 369 号

授权公告日：2023 年 01 月 24 日 授权公告号：CN 115488671 B

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局长 申长雨



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## 证书

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2018 年 03 月 02 日



## 证书

权公告号：CN 207826249 U

初步审查，决定授予专利权，颁发发明专利证书，自公告之日起生效。

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移、质押、无效、终止、恢复和专利登记簿上。



2018 年 09 月 07 日



## 证书

权公告号：CN 207984862 U

于初步审查，决定授予专利权，颁发发明专利证书，自公告之日起生效。

人应当依照专利法及其实施细则规定缴纳年费。未按照规定缴纳年费的，专利权自应当缴纳年费之日起生效。

移、质押、无效、终止、恢复和专利登记簿上。



2018 年 10 月 19 日



## 证书

公告号：CN 207826250 U

步审查，决定授予专利权，颁发发明专利证书，自公告之日起生效。

人应当依照专利法及其实施细则规定缴纳年费。未按照规定缴纳年费的，专利权自应当缴纳年费之日起生效。

移、质押、无效、终止、恢复和专利登记簿上。



2018 年 09 月 07 日



## 证书

号：CN 209505740 U

审查，决定授予专利权，颁发发明专利证书，自公告之日起生效。专利权期限为十年。

多、质押、无效、终止、恢复和专利登记簿上。



2019 年 10 月 18 日



## 证书

号：CN 209492535 U

步审查，决定授予专利权，颁发发明专利证书，自公告之日起生效。专利权期限为十年。

转移、质押、无效、终止、恢复和专利登记簿上。



2019 年 10 月 15 日

# 04 / Application Performance

**People-oriented**  
**constantly improve something**  
**Create a win-win situation**

# » Application Performance (New Rail Vehicle Project)



The name of the project	Number of trains	Vehicle type	Number of gangways	Vehicle manufacturing company
Beijing Line 3	20 Trains	Subway Type A Car, 8-car set	120	Beijing Jingche
Beijing Line 7 (Phase II)	10 Trains	Subway Type B Car, 8-car set	70	Beijing Jingche
Beijing Fangshan Line (North Extension)	7 Trains	Subway Type B Car, 6-car set	35	Beijing Jingche
Beijing Line 9 (Additional)	4 Trains	Subway Type B Car, 6-car set	20	Changke Bombardier
Beijing Line 3	20 Trains	Subway Type A Car, 8-car set	120	CRRC Sifang
Wenzhou Line S2	37 Trains	Regional Type D Car, 4-car set	111	CRRC Sifang
Wenzhou Line S3	11 Trains	Regional Type B Car, 4-car set	33	CRRC Sifang
Chengdu Line 27	29 Trains	Subway Type B Car, 6-car set	145	CRRC Sifang
Chengdu Line 30	36 Trains	Subway Type B Car, 6-car set	180	CRRC Changke
Xiamen Line 3	43 Trains	Subway Type B Car, 6-car set	215	CRRC Changke
Xiamen Line 4	18 Trains	Subway Type B Car, 4-car set	54	CRRC Changke
Nanchang Line 1,2 (additional purchase)	52 Trains	Subway Type B Car, 6-car set	260	CRRC Changke
Hangzhou Line 3	78 Trains	Subway Type AH Car, 6-car set	390	CRRC Puzhen
Hangzhou Line 4 (Phase II)	32 Trains	Subway Type B Car, 6-car set	160	CRRC Puzhen
Dongguan Line 2	9 Trains	Subway Type B Car, 6-car set	45	CRRC Puzhen

# » Application Performance (New Rail Vehicle Project)



The name of the project	Number of trains	Vehicle type	Number of gangways	Vehicle manufacturing company
Taiyuan Line 1	28 Trains	Subway Type A Train 6-car set	140	CRRC Dalian
Taiyuan Line 2	24 Trains	Subway Type A Train 6-car set	120	CRRC Dalian
Shenyang Line 1 (East Extension)	6 Trains	Subway Type B Train 6-car set	30	CRRC Dalian
Shenyang Line 3 (Phase I)	6 Trains	Subway Type B Train 6-car set	30	CRRC Dalian
Tianjin Line 4	19 Trains	Subway Type B Train 6-car set	95	CRRC Tangshan
Taizhou Line S1	31 Trains	Regional Type D Train 4-car set	93	CRRC Tangshan
Shaoxing Line 1	27 Trains	Subway Type B Train 6-car set	135	Beijing Jingche
Chongqing Line 18	37 Trains	Subway Type AS Train 6-car set	185	CRRC Changke
Chongqing Ring Road	31 Trains	Subway Type AS Train 6-car set	155	CRRC Changke
Chongqing Line 4	13 Trains	Subway Type AS Train 6-car set	65	CRRC Changke
Chongqing Line 4 (Phase II)	36 Trains	Subway Type AS Train 6-car set	180	CRRC Changke
Chongqing Line 10	26 Trains	Subway Type AS Train 6-car set	130	CRRC Changke
Chongqing Line 10 (Phase II)	27 Trains	Subway Type AS Train 6-car set	135	CRRC Changke

# » Application Performance (New Rail Vehicle Project)



The name of the project	Number of trains	Vehicle type	Number of gangways	Vehicle manufacturing company
Chongqing Line 1	7 Trains	Subway Type B Train 6-car set	35	CRRC Changke
Chongqing Line 1 Extra	11 Trains	Subway Type B Train 6-car set	55	CRRC Changke
Chongqing Line 6	16 Trains	Subway Type B Train 6-car set	80	CRRC Changke
Chongqing Line 6 Branch 2	12 Trains	Subway Type B Train 6-car set	60	CRRC Changke
Chongqing Line 3	10 Trains	Straddle-type Monorail 8-car set	70	CRRC Changke
Chongqing Line 3 North Extension	7 Trains	Straddle-type Monorail 6-car set	35	CRRC Changke
Chongqing Line 3	14 Trains	Straddle-type Monorail 6-car set	70	CRRC Changke
Chongqing Line 3 Extension	16 Trains	Straddle-type Monorail 6-car set	80	CRRC Changke
Chongqing Line 3 Reconstruction Project	20 Trains	Straddle-type Monorail 8-car set	140	CRRC Changke
Chongqing Line 2	9 Trains	Straddle-type Monorail 6-car set	45	CRRC Changke
Chongqing Line 2 Extra	9 Trains	Straddle-type Monorail 6-car set	45	CRRC Changke
Tianshui Phase II	14 Trains	Tram 100% Low-floor 5-car set	56	Changsha Tong
Wuhan Suspended Monorail	Prototype Car	Suspended Monorail 3-car set	2	China Railway Science and Industry
Magnetic Levitation	Prototype Car	Maglev 3-car set	2	Xinzhu shares

# » Application Performance (Intercity Project)



The Name Of The Project	Number Of Trains	Vehicle type	Number Of gangways	Vehicle Manufacturing Company	The Name Of The Project
CRH6 Intercity Bullet Train	1 Trains	CRH6A Intercity EMU 8-car set	200KM/H	7	CRRC Sifang
Wenzhou Line S2	37 Trains	Regional Type D Train 4-car set (One-piece Flexible Skirt)	140KM/H	111	CRRC Sifang
Wenzhou Line S3	11 Trains	Regional Type B Train 4-car set (One-piece Flexible Skirt)	120KM/H	33	CRRC Sifang
Taizhou Line S1	31 Trains	Regional Type D Train 4-car set (One-piece Flexible Skirt)	140KM/H	93	CRRC Tangshan
Chongqing Line 27	32 Trains	Regional Type D Train 6-car set (One-piece Flexible Skirt)	140KM/H	160	CRRC Changke
Jinhua-yiwu-dongyang Phase 1	27 Trains	Regional Type B Train 6-car set	120KM/H	135	CRRC Changke
Jinhua-yiwu-dongyang Phase 2	23 Trains	Regional Type B Train 6-car set	120KM/H	115	CRRC Changke
Chongqing Jiangjin - Jumping	15 Trains	Regional Type AS Train 6-car set (One-piece Flexible Skirt)	120KM/H	75	CRRC Changke

# » Application Performance (Overseas Project)



The Name Of The Project	Number Of Trains	Vehicle type	Number Of gangways	Vehicle Manufacturing Company
Russian High-speed Rail Project	1 Trains	200KM High-speed Train	9	Russian TMH
Metro, Mecca, Saudi Arabia	16 Trains	Subway Type A Train 12-car set	176	CRRC Changke
Indian T18 Emu	16 Trains	180KM Passenger Train	16	ICF, India
Indian Project	43 Trains	160KM Passenger Train	43	ICF, India
Indonesia 700/1100 Vehicle End Distance Project	31 Trains	Subway 6-car set	155	INKA Vehicle Factory, Indonesia
2018 Jakarta Asian Olympic Games	8 Trains	Subway 6-car set	40	INKA Vehicle Factory, Indonesia
Emu Project In South Korea	15 Trains	One-piece Flexible Skirt	15	Hyundai Rotem Vehicle Plant in South Korea

# » Application performance (subway & national railway)



The Name Of The Project	Number Of Trains	Vehicle type	Number Of gangways	Vehicle Manufacturing Company
Hangzhou Line 1 (Overhaul)	48 Trains	Subway Type B Train 6-car set	240	Hangzhou-Hong Kong Metro
Metro (Overhaul) In Mecca, Saudi Arabia	16 Trains	Subway Type A Train 12-car set	176	CRRC Changke
Chongqing Line 1 (Overhaul)	5 Trains	Subway Type B Train 6-car set	25	CRRC Sifang
Shenzhen Line 1 (Overhaul)	1 Set	Subway Type A Train 6-car set	1	Shenzhen Metro
National Railways Type 25 Passenger Car Windshield (Overhaul)	65 Sets	25K, 25G, 25T	65	CRRC Xi'an

# » Application performance (subway erection repair project)



The Name Of The Project	Number Of Trains	Vehicle type	Number Of gangways	Vehicle Manufacturing Company
Shijiazhuang Line 1 & 3 (Frame Repair)	33 Trains	Subway Type A Train 6-car set	165	Shijiazhuang CRRC track
Chengdu Line 4 Phase II (Frame Repair)	22 Trains	Subway Type B Train 6-car set	110	Chengdu Changke Xinzhu
Nanchang Line 2 (Frame Repair)	34 Trains	Subway Type B Train 6-car set	170	Jiangxi CRRC Changke

# » Application performance (physical loading picture)

Type AS car has a one-piece guard plate



Three-piece guard plate for Type B cars



Type B car one-piece guard



Type A car one-piece guard



# » Application performance (Physical Loading Pictures)



Taiyuan 2, beijing line 3  
Type A car, one-piece  
gangway



Hangzhou, tianjin  
beijing, jin yidong  
Type B car, three-piece  
through road



Xiamen 3, shaoxing line 1  
Type B car, one-piece  
gangway



Chongqing 4, 10, ring line  
Type AS car, one-piece  
gangway



# » Marketing network and after-sales service



Head office address: No. 8, Sendi Avenue, Xipeng  
Town, Jiulongpo District, Chongqing

Branch address: No. 68, Jinjialin Street, Fucheng  
District, Mianyang City

Telephone: 19960506655      15008185663  
13981198600

## Yonggui after-sales service network:

Northeast China (Changchun, Dalian)

North China (Beijing, Tianjin, Tangshan)

South China (Guangzhou, Shenzhen)

East China (Shanghai, Nanjing)

Central China (Zhuzhou, Wuhan, Zhengzhou)

**Pre-sales service:** professional technical team to provide the best  
solution

**In-sale service:** free technical training and installation guidance  
service

**After-sales service:** 3 hours response, 24 hours to arrive at the  
scene in China





重庆永贵交通设备有限公司  
Chongqing Yonggui Traffic Equipment., Ltd.



Stock abbreviation: Yonggui electrical appliances  
Stock Code: 300351

# YONGGUI

*Technology connects the future*

