

CRRC

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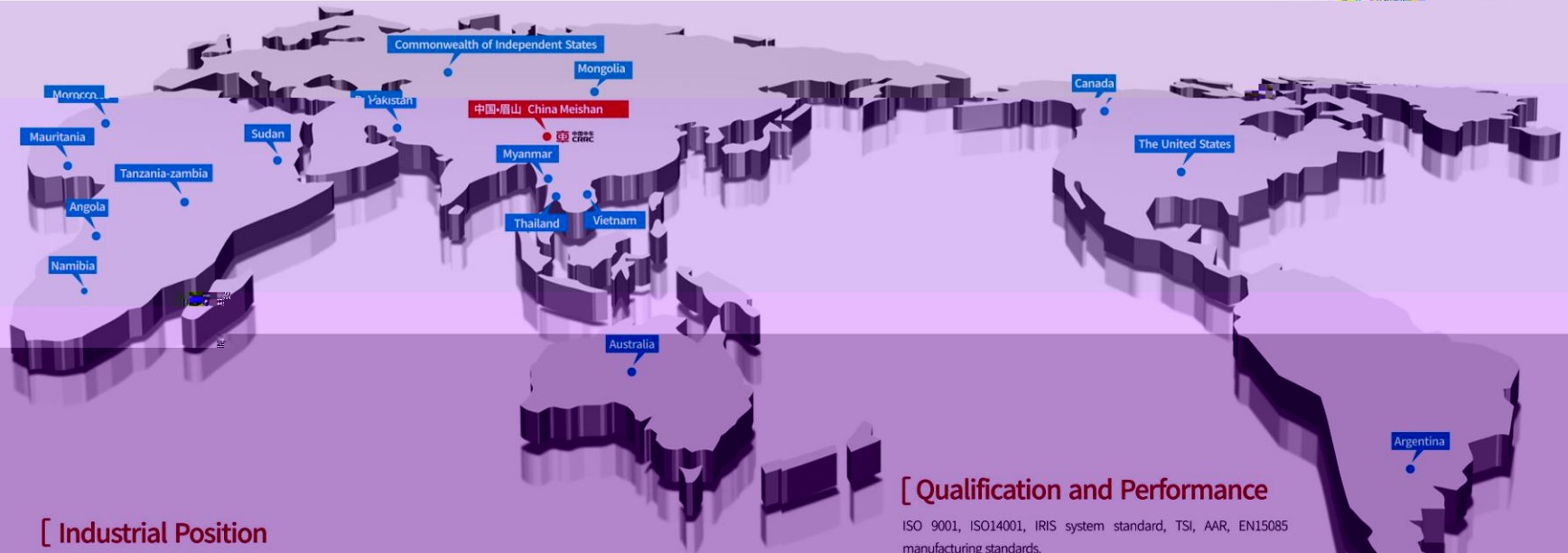
[www.crrc.com](http://www.crrc.com)

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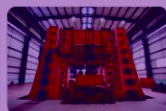
## [ Industrial Position

CRRC Meishan Co. Ltd is a wholly owned subsidiary of CRRC, which was established in 1966. It is one of the three Chinese railway wagon manufacturing bases, which is mainly specialized in the design and manufacture of railway freight wagon, fastening system, highway logistics equipment, constant pressure container and storage equipment, composite product etc.



## [ Technical Strength

National Enterprise Technology Center, National CNAS Accreditation Testing Center, Product Performance Laboratory, National Post Doctoral Workstation, 618 engineers, 522 domestic patents and patents of the United States, Germany, Japan, Russia.



## [ Qualification and Performance

ISO 9001, ISO14001, IRIS system standard, TSI, AAR, EN15085 manufacturing standards.

Our products have been exported to more than 20 countries and regions of Asia, Europe, the United States, Africa, and Oceania. Professional after-sale service network is covered the whole world, providing standardized and personalized service for customers.



Advanced flexible railway wagon production line and robot automatic welding line  
 Advanced detection equipment.



## Wagon



**C70 Type Gondola Wagon for Coke Transportation**

Tare Weight	≤23.8 t
Loading Capacity	70t
Axle Load	23t
Volume	112m <sup>3</sup>



**KF70-VEN Type Side Dump Wagon**

Tare Weight	37t
Loading Capacity	70t
Axle Load	30t
Volume	28.1m <sup>3</sup>

**GHB70 Type Tank Wagon for Yellow Phosphorus Transportation**

Tare Weight	23.8t
Loading Capacity	70t
Volume	42.6m <sup>3</sup>
Effective Volume	39.8m <sup>3</sup>



**N5GJ-AUS Type 5 Pack Container Flat Wagon**

Tare Weight (for 5 pack wagon)	59.8t
Loading Capacity (for 5 pack wagon)	240.2t
Axle Load	25t
The Length of 5 Pack Wagon	77769mm



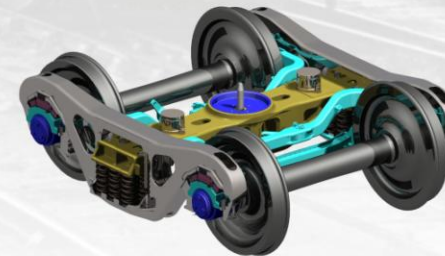
**P71-AUS Type High Cube Box Wagon**

Tare Weight	29.1t
Loading Capacity	70.9t
Axle Load	25t
Volume	243m <sup>3</sup>

## Bogie

**Km98 Type Aluminum Alloy Hopper Wagon for Coal Transportation**

Tare Weight	22.0t
Single Wagon (connected by type 17 coupler)	22.0t
1 unit with 5 wagons (connected by drawbar)	21.5t
Loading Capacity	98t~100t
Volume	110m <sup>3</sup>



**ZJX-2 Type Bogie**

**Low track force**  
Minimize of static and dynamic wheel load force, and reduce the mechanical force from track to the wagon and the bogie, and reduce the damage to the track.

**High stability**  
High resistance of weight for the wagon frame.

**Low curve resistance**  
Compatible with the European track, for reduce curve resistance.

**Main Parameter**

Track Configuration	2K
Wheel Diameter	1200mm
Wheel Spacing	1350mm
Wheel Diameter	1200mm
Centerplate	2K

Since 2005, there are approximately 800 wagons equipped with the same type bogie that have been operating on Daqing and Shouhu railways in China.

## Brake system

### Type 150 Air Control Valve for Freight Wagon

Ambient Temperature: -50~70

Standard Constant Pressure:

500kPa, and 600kPa

The Maximum Pressure of Brake Cylinder:

380 ± 10kPa or 420 ± 10kPa

Emergency Braking Propagation Rate: 250m/s

Release Propagation Rate: 220m/s

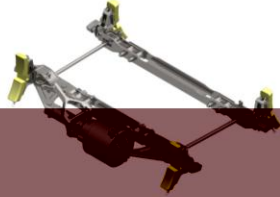
### PAB Type Integrated Braking Device

The diameter of brake cylinder:

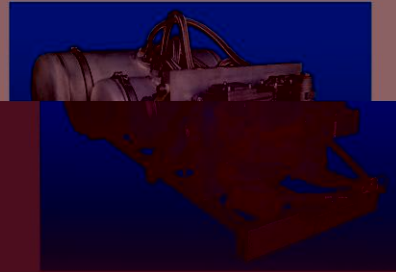
235mm, 254mm, 280mm

The maximum stroke of brake cylinder: 100mm

The adjusting range of slack adjuster: 0-420mm



### Integrated Braking System



### Wireless ESP Braking Technology

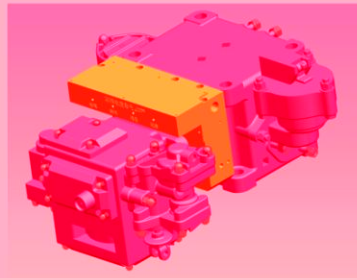
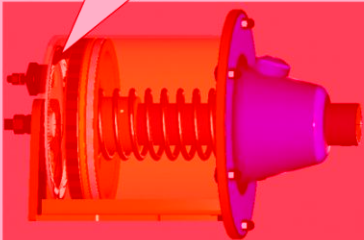
### Active Lubrication Type Sealing Brake Cylinder

The diameter of brake cylinder:

8 inch, 10 inch, 12 inch, 14 inch, etc

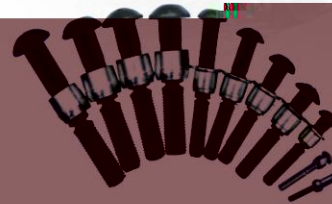
50-80 times braking per 1 turnaround

The ratchet pawl rotation: 360°



## Fastener Product

### Pull rivet series products



### Pull rivet pin series products



## Logistics Transportation Product

### Semi-trailer for 30 feet container transportation



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