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The expert providing professional modernized solutions for coal mining auxiliary transportation.
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Changzhou KESHI Group (Changzhou Manufacturing & Developing Centre Co. Ltd.) formerly was the Changzhou Manufacturing & Developing Centre (CDMC) of China Central Coal Mining Research Institute. In 2002, CDMC was transferred to a joint stock enterprise. Nowadays, CDMC has been growing to a modern company that combines updated technology with series products & marketing, manufacturing and R&D functions. With over 60 millions registered capital, the company covers land of 80,000 square meters with 50,000 square meters plants, possessing 1.2 billion RMB assets. Among more than 1,000 employees, over 35% are titled associate or college degree or higher. The company is at leading position in China regarding the ability of research & development with highly efficient working teams, complete production system and comprehensive testing methods. CDMC is the only professional research organization in China for coal mining auxiliary transport technology & equipment.

The company is awarded “Jiangsu Provincial Rank New & Hi-tech Enterprise” and “Innovation-type enterprise of Jiangsu province” per new standards, and the 3A Grade of Bank Credit, and so on. CDMC has been undertaking series of national key research projects, and many types of coal mining auxiliary transportation equipment developed by CDMC have filled the gap in coal mine industry in China. Until now, CDMC has achieved 13 patents of innovation and over 30 patents of practical application technology & facilities. Besides, more than ten series products are awarded as New Hi-tech Products of Jiangsu Province and National Key New Products. Moreover, the “Jiangsu provincial coal mine underground explosion-proof locomotive engineering research centre”, “Jiangsu provincial post-doctoral working station” and “Mechanical industrial underground mining loader & transfer engineering laboratory” are approved to build in the company. CDMC is the initial researching & developing station of the China’s first single-body hydraulic prop, the first inventor of the first endless-rope tractor, and the first home-maker of explosion-proof trackless rubber-tired vehicle in China. CDMC enjoys excellent reputation in China coal mining industry, and is the headquarters location of both “the Auxiliary transportation branch of China standardization commission of special coal mining equipment”, and “the Auxiliary transport branch of coal mining transportation category of China Coal Academic Commission”. As the chairman of these academic organizations, CDMC commands and undertakes standardization tasks and academic seminars in China coal mining auxiliary transportation industry field.

With great passions and continuous efforts as usual, CDMC is always doing its best for highly aware of mission of “provide customers with efficiently modern solutions for auxiliary transportation and be the leader of auxiliary transportation in China”, and will contribute more to the modernization of China’s coal mining industry.

Changzhou Henni Locomotive Manufacturer Co. Ltd.
Changzhou Henni Locomotive Technology & Service Co. Ltd.
Jiangsu Fengyi Driving Axle Co. Ltd.
Jiangsu provincial coal mine underground explosion-proof locomotive engineering research centre
Inner Mongolia Branch of KESHI
Ningxia Branch of KESHI
Changzhou Derbig Machinery Manufacture Co., Ltd.
The core team in the company is a group of members full of vigor and mature experience of management, which has spent years of efforts in study of the field of auxiliary transportation technology and equipment. Based on the enterprise spirit “Continuous innovation, Integrity forever” and being enriched by enterprise cultural “Responsibility, Unity, Customers first, Continuous Innovation”, the team always keep in mind the mission “Provide customers with efficiently modern solutions for auxiliary transportation and be the leader of auxiliary transportation in China”, and make all efforts in meeting customers’ demand and advancing customers’ value. In parallel to brand building strategy through intensive innovation of marketing, and internal products, managing & organizing system, the company is speeding up processes of collectivizing, globalizing and diversifying for the purpose of realization of diversified products & services with excellences of talent resource, product brands and managing efficiency. CDMC is making efforts as always in building top-level base of R&D, manufacturing, marketing, testing, service & training in auxiliary transportation technology and products to approach target of “The No. one in China, the first-rate in the world” in the auxiliary transportation industry!
The Jiangsu provincial coal mine underground explosion-proof locomotive engineering research centre is approved by Jiangsu province Science & Technology Bureau to build relying on Changzhou KESHI Group. The centre is aiming at providing modern solutions for coal mine auxiliary transportation system. In the centre, there will be a group of auxiliary transportation experts and talent people cultivated through their career working in the centre. Also, a top-level testing & inspecting system of auxiliary transportation will be implemented here. A series of achievements that are in leading position in the country & in the first-rate in the world will be made.

The research centre is formed by technology commission, technology centre, testing & inspecting department, and integrated department. The technology commission has a member of experts from the KESHI Group and from all over the country, aiming at providing consultancy and technology guidance and instruction to the centre. The technology centre is responsible for research and development of new product lines including their performance improvement. The integrated department takes charge of project managing, external communication and management of series technical training & academic seminars.

The Inner Mongolia Branch of KESHI Group located in Daliuta town of Shenmu county, Shaanxi province, is a representative branch of KESHI Group. Its main task is for sales of products and spare parts, professional service for explosion-proof locomotives, products’ major repair and taking contracted combined service package at Shendong company and the areas around Shaanxi, Shannxi and Inner Mongolia.

In the branch there are about 600 persons working in 10,000 square meters of production workshops and office building, who form 20 specific operational teams and 4 big teams undertaking contracted combined service package. The branch is equipped with plentiful supply of spare parts & components, with yearly capacity of repairing up to 500 sets of locomotives. The branch provides customers with complete locomotive repair, and specific component or part repair, and is able to contract professional combined service package.
The main tasks of Changzhou Hanma Vehicle Manufacture are the design & development, manufacture and sales of explosion-proof trackless rubber-tired vehicles.

The main tasks of Changzhou Hanma Technology & Service are after-sales service of delivered coal mining equipment and vehicles, various technical consultancy, specific on-site service, major repair, and contracted combined service package.

Core Products

- **Explosion-proof Trackless Rubber-tired Vehicles**
  - Explosion-proof Transfer Vehicle Series
  - Explosion-proof Personnel Transfer and Command Vehicle Series
  - Explosion-proof Scraper and Loader Series
  - Explosion-proof Support Carrier Series
  - Explosion-proof Special Duty Vehicle Series

- **Endless Rope Hauled Tractors**
  Continuous straight approach transport system suitable for long distance, big gradient slope, multi-gradient slope, heavy load applications

- **Suspended personnel riding devices**
  Reliable and efficient fast personnel transfer with step-less adjustable speed, and static boarding & deus
Explosion-proof Trackless Rubber-tired Vehicles

The underground coal mine trackless transportation machinery is featuring centrally jointed front and rear frames, hydraulic-mechanical transmission, hydraulic powered steering, 4-wheel driven system.
The series has the property of compacted structure, strong whole body, small turning radius, high climbing ability, and so on.
It is equipped with dual-circle hydraulic controlled wet multi-disc braking device, failure-proof type safety parking and emergency braking system, to provide reliable braking safety.
Adopted advanced electronic flame-proof monitoring system offers strong functions and high reliability.
Series 3 tons, 5 tons, 8 tons and 10 tons are available, and they can be provided with flat plate, self-unloading, or parallel pushing carriage.
Single-direction driving and dual-direction driving are optional.

3–10 Tons Explosion-proof Vehicles

5-Ton
Explosion-proof Vehicle

3-Ton
Explosion-proof Cage Vehicle

3-Ton
Dual-direction Driving Explosion-proof Vehicle
Explosion-proof Trackless Rubber-tired Vehicles

Two series are available: solid whole frame and jointed frame.
Specially designed engineering chassis, hydraulic-mechanical transmission, hydraulic powered steering, dual-circle hydraulic controlled
wet multi-disc braking device, failure-proof type safety parking and emergency braking system, reliable braking safety, and comfortable riding.
Adopted advanced electronic flame-proof monitoring system offering strong functions and high reliability.
Series 5-seat, 7-seat, 12-seat, 20-seat and 24-seat are available.

Personnel Transport & Command Vehicle Series

5-seat to 30-seat Personnel Transfer and Command Vehicle

24-seat personnel transfer vehicle
Pick-up Command Vehicle
20-seat personnel transfer vehicle
Centrally jointed front and rear frames, hydraulic-mechanical transmission, hydraulic powered steering, 4-wheel driven system, small turning radius, high climbing ability.

Suitable for strictly tough road surface conditions,

Big digging up force and loading capacity,

Dual-circle hydraulic controlled wet multi-disc braking device, failure-proof type safety parking and emergency braking system, to provide reliable braking safety.

Adopted advanced electronic flame-proof monitoring system offering strong functions and high reliability.

Different basket, shovel fork, breaking head, elevating platform, and small hoister are available to equip with as option.

4-ton to 12-ton Explosion-proof Scraper
Centrally jointed front and rear frames, hydraulic-mechanical transmission, hydraulic powered steering, 4-wheel driven system for coal mine underground trackless transportation, mainly for carrying complete hydraulic support down to underground and its movement which is used in comprehensive mining surface.

Big loading capacity, fast movement, flexibility, and strong climbing ability,

Compacted dimensions, flexible and easy to steer, strong structure, small turning radius,

Dual-circle hydraulic controlled wet multi-disc braking device, failure-proof type safety parking and emergency braking system, to provide reliable braking safety,

Adopted advanced electronic flame-proof monitoring system offering strong functions and high reliability.
Explosion-proof Trackless Rubber-tired Vehicles

This is developed based on transport vehicle series to meet customers’ different special demands through modifying carriage, frame and operational control system. There are sprinkler, sewage-suction truck, tool car, snatchling car, and so on in the family. They are all equipped with centrally jointed front and rear frames, hydraulic-mechanical transmission, hydraulic powered steering, and 4-wheel driven system. The dual-circle hydraulic controlled wet multi-disc braking device, failure-proof type safety parking and emergency braking system are adopted to assure reliable braking safety. The series applies advanced electronic flame-proof monitoring system that offers strong functions and high reliability.

WC5QE
Tool Car

Sprinkler

Sewage-suction Truck
Marketing Network

Changzhou Manufacturing & Developing Centre has long been involved in development & specialization, standardization, serialization and localization of coal mining auxiliary transportation system and products. Through over twenty years continuous efforts, the company has developed and promoted over 40 types of auxiliary transportation products & equipment among 7 categories. These products are distributed to and used in over 500 coal mines being located in more than 30 large and medium sized coal mining areas. There are more than 6,000 units of explosion-proof trackless rubber-tired vehicles and more than 3,500 sets of endless rope hauled tractor that have been manufactured and delivered to different coal mines and we have gained widely popular and favorable comments from customers. CDMC has contributed greatly to China coal mining auxiliary transportation modernization.

Service Network

“Assure safety and reliability through continuous innovation and improvement, meet customers’ demand by forever integrity and faith” is our company spirit. We have been refreshed by it and are always doing the best to meet customers’ demand by providing satisfactory products and services. While providing quality products to customers, we have been gradually building an after-sales service network that is covering major coal mining industrial areas around the country. At present, over 500 service persons from 30 service teams are working at 24 service stations in China to provide customers with on-time after-sales service. This includes professional contracted combined service package, and spare parts consignment transaction. Accordingly we assure on time delivery of spare parts and effective training courses for various customers as well.

The Main Customers

Shendong Company of Shenhua Group
Shenhua Ningxia Group
Huainan Coal Mining Group
Shanxi Jincheng Anthracite Mining Group
Shanxi Xian Xinxing Energy Company
Wanbei Coal Electricity Group
Yangquan Coal Mining Group
Shanxi Luan Coal Mining Group
Shanxi Shanchang Coal Mining Group
Shannxi Coal Mining Company of Shaanxi-Chemical Group

Xinjiang Coking-coal Mining Group
Zhalainuoer Coal Mining Company
Inner Mongolia Pinghuang Energy Company
Huabei Coal Mining Company
Jinyuan Coal Mining Industry Company
Panjia Coal Mining Group
Yanzhou Coal Mining Group
Zhongmei Huaqin Coking-coal Mining Company
Tiefa Coal Mining Group
Pingdingshan Coal Mining Group

Contact Information of Some Service Teams

<table>
<thead>
<tr>
<th>Service Team Name</th>
<th>Address</th>
<th>Phone No</th>
</tr>
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<tbody>
<tr>
<td>Shendong Team</td>
<td>陕西省神木县大保当镇高家梁村</td>
<td>13325906670 0912-811719</td>
</tr>
<tr>
<td>Ningxia Team</td>
<td>宁夏回族自治区银川市兴庆区地震局巷煤田分队</td>
<td>18696160823</td>
</tr>
<tr>
<td>Wanli No.1 Mine Team</td>
<td>内蒙古自治区鄂尔多斯市东胜区乌兰淖尔村</td>
<td>0477-3797673</td>
</tr>
<tr>
<td>Huayangchun Mine Team</td>
<td>内蒙古自治区鄂尔多斯市伊金霍洛旗阿萨图煤矿</td>
<td>0477-3184642</td>
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<tr>
<td>Tangergoile Mine Team</td>
<td>内蒙古自治区鄂尔多斯市伊克昭旗大佘太村</td>
<td>13951222108</td>
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<tr>
<td>Xilin No.2 Mine Team</td>
<td>内蒙古自治区鄂尔多斯市东胜区乌兰淖尔村</td>
<td>13951222108</td>
</tr>
<tr>
<td>Shanxi Datong Team</td>
<td>山西省大同市新平区西河村</td>
<td>13861008211</td>
</tr>
<tr>
<td>Shanxi Changyi Team</td>
<td>山西长治市潞州区204号</td>
<td>13861008211</td>
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<tr>
<td>Shanxi Wangjiaoling Mine Team</td>
<td>山西长治市城区东环路019号</td>
<td>13860100921</td>
</tr>
<tr>
<td>Shanxi Longquanzhu Mine Team</td>
<td>山西太原市万柏林区1号</td>
<td>13861082110</td>
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<tr>
<td>Shanxi Xiaojia Mine Team</td>
<td>山西吕梁市孝义市3号巷</td>
<td>13860100921</td>
</tr>
<tr>
<td>Shanxi Yulin Team</td>
<td>山西吕梁市离石区3号巷</td>
<td>0912-3570028</td>
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<tr>
<td>Shanxi Huangtang Team</td>
<td>山西运城市盐湖区1号巷</td>
<td>18733900213</td>
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<td>Shanxi Changwu Team</td>
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<tr>
<td>Inner Mongolia Panjin Mine Team</td>
<td>内蒙古自治区包头市稀土高新区</td>
<td>18695160864</td>
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<td>Xinjiang Dazhong Mine Team</td>
<td>新疆哈密市</td>
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