



OLAT



Henan Olatcrane Machinery Equipment Co., Ltd

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CATALOGUE

OLAT CRANE

CHINA POWER

Henan Olatcrane Machinery Equipment Company Ltd is a branch company of Henan Zhong Gong Group Crane Technology Co., Ltd, is one of the leading crane company specialized in manufacturing, installation and export. The company located in Xinxiang city which a crane hometown of China. We owns more than twenty years manufacturing experience since 1995, and during the past thirty years, we has built up an impressive track record of good performance, reliability and delivery of high quality cranes and services to our clients.

Our plants equipped with advanced processing equipment and own strict quality management system to ensure a high quality crane for our clients. Main product includes overhead cranes, gantry crane, jib crane, electric hoist and crane accessories.

Our commitment to Safety, Quality Control, Cost-effective, on-time delivery has enable the company grow more stronger and stronger. We have achieve ISO 9001, ISO 141001, OHSAS18000 during the past years.

We believe OLAT CRANE will be your reliable partner in China to meet your business challenge and solve your lifting problems.

Company introduction

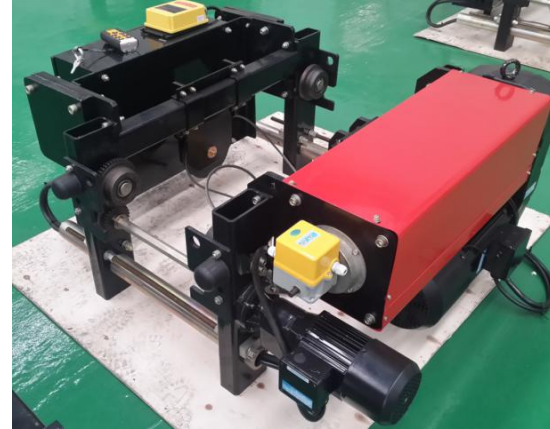


Olatcrane welcome to your visit to our factory!

Single girder overhead crane



More details:



European electric hoist



Crane wheel

Features:

1. Weight lighten of 15~50%, saving workshop manufacturing costs.
2. Light weight crane greatly reduced wheel pressure, can reduce the crane on the whole plant structure requirements, so in the beginning of the design can reduce the budget, for the long-term and the larger the size of the workshop, the more obvious cost savings.
3. More good looking and performance, configuration are equipped with new type or European type, like SEW, ABM, Siemens.
4. Using frequency conversion technology, the crane runs smoothly, minimizing the sway of the load, making the loading positioning faster and more accurate. It also reduces friction and mechanical stress between the crane and the plant structure.



Crane end truck



Double girder overhead crane



1. The double girder overhead crane mainly consists of a overhead crane girder, trolley traveling mechanism, crab and electrical appliances, and is divided into 2 working grades of A5 and A6 according to the working frequency.
2. The double girder overhead crane feature welded box beams. All the sections used for main girders and end girders are computer-optimized for high performance and low weight, benefits that pay in terms of strength and cost-efficiency.
3. It is prohibited to use the equipment in the combustible, explosive and corrosive environment.

STEEL



We have been working with the steel industry for more than 24 years, supplying cranes for hot metal processes, material handling in the rolling mill, and lifting in the steel warehouse. We understand the harsh environment of the steel making process, so we have developed our lifting and control equipment to meet the challenges of flame heat and high temperatures. **OLATCRANE's** solutions have been verified to withstand the tough operating conditions in hot, dusty or corrosive environments.

Related Products



Model:	LDY- Metallurgical Single Girder Overhead Crane
Lift Capacity:	1t, 2t, 3t, 5t, 10t, 16t, 20t
Span up to:	31.5m (Special design available)
Lift height up to:	18m (Special design available)
Duty Class:	ISO A3 FEM 1am
Power Supply:	220V-480V, 50/60Hz, 3 phase



Model:	QZ- Grab Crane
Lift Capacity:	5t, 10t, 16t, 20t
Span up to:	31.5m (Special design available)
Lift height up to:	18m (Special design available)
Duty Class:	ISO A7/ FEM 4m
Power Supply:	220V-480V, 50/60Hz, 3 phase



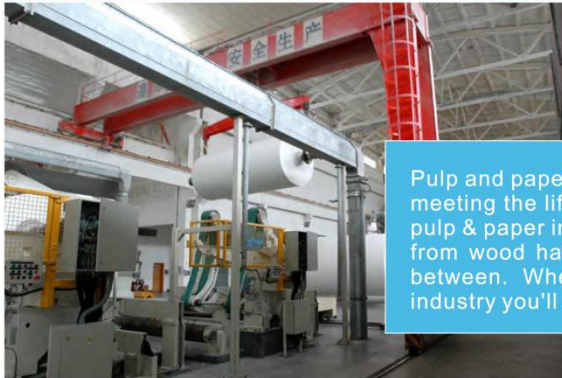
Model:	QDY/YZ-Foundry Crane
Lift Capacity:	5t-550t
Span up to:	31.5m (Special design available)
Lift height up to:	18m (Special design available)
Duty Class:	ISO A7/ FEM 4m
Power Supply:	220V-480V, 50/60Hz, 3 phase



Model:	QC- Double Girder Magnet Crane
Lift Capacity:	10t-40t
Span up to:	31.5m (Special design available)
Lift height up to:	18m (Special design available)
Duty Class:	ISO A7/ FEM 4m
Power Supply:	220V-480V, 50/60Hz, 3 phase



PAPER MAKING



Pulp and paper for decades, **OLATCRANE** has been meeting the lifting and material handling needs of the pulp & paper industry. We understand the processes – from wood handling to recycling, and much more in between. Wherever you look in the pulp & paper industry you'll find **OLATCRANE** expertise at work.

Related Products



Model:	QZ- Grab Crane
Lift Capacity:	5t, 10t, 16t, 20t
Span up to:	31.5m (Special design available)
Lift height up to:	18m (Special design available)
Duty Class:	ISO A7/ FEM 4m
Power Supply:	220V-480V, 50/60Hz, 3 phase

Model:	QD/LH-Double Girder Overhead Crane
Lift Capacity:	3t, 5t, 10t, 16t, 20t, 32t, 50t, 75t, 100t...
Span up to:	31.5m (Special design available)
Lift height up to:	18m (Special design available)
Duty Class:	ISO A3,A5/ FEM 1m,2m
Power Supply:	220V-480V, 50/60Hz, 3 phase

Model:	MZ-Grab Crane
Lift Capacity:	5t-20t
Span up to:	31.5m (Special design available)
Lift height up to:	9m (Special design available)
Duty Class:	ISO A3, A5/ FEM 1m,2m
Power Supply:	220V-480V, 50/60Hz, 3 phase

Single girder gantry crane



Single girder gantry crane is a kind of track traveling mid-light type crane, used Together with CD, MD, HC model electrical hoist, according to the shape, it also divided into MH type and box type and truss type, the former have good techniques and easy fabrication, the latter is light in dead weight and strong in wind resistance. For different usage, MH gantry crane also has cantilever and noncantilever gantry crane. If have cantilevers, the crane can load the goods to the crane edge through the supporting legs, which is very convenient and high efficiency.

The L type partial hanging gantry crane, with small size and light duty, special for putting steel pipes, girders, or other long materials into the special place, widely used in steel plant, concrete girder yard.

L type single girder gantry crane



European single girder gantry crane



Truss type single girder gantry crane



Double girder gantry crane

Double girder gantry crane with hooks are widely used to do common lifting and unloading works. This kind of crane is composed of bridge, support legs, crane travelling organ, trolley, electric equipment, strong lifting winch.

The frame adopts box-type welding mechanism. Crane travelling mechanism adopts separate driver. All mechanisms are operated in the driver cabin. Power is supplied by cable or slide wire. there are different capacity double beams gantry crane for your choice according to your different use.



U type gantry crane



Semi gantry crane



Hydro-power station gantry

Container gantry crane

1. Rail mounted container gantry crane is a kind of rail mounted crane used to offload, stack and load 20ft, 40ft, 45ft ISO standard containers. Its provision of power is offered by cable reel. The crane contains three mechanisms: hoisting, trolley travelling and gantry travelling. The trolley running along the track mounted on gantry beam is capable to serve among legs.
2. The crane is able to make straight movement along rails. The crane is equipped with appropriate flexible hydraulic container spreader, which is connected to trolley through the upper frame and wire rope system.



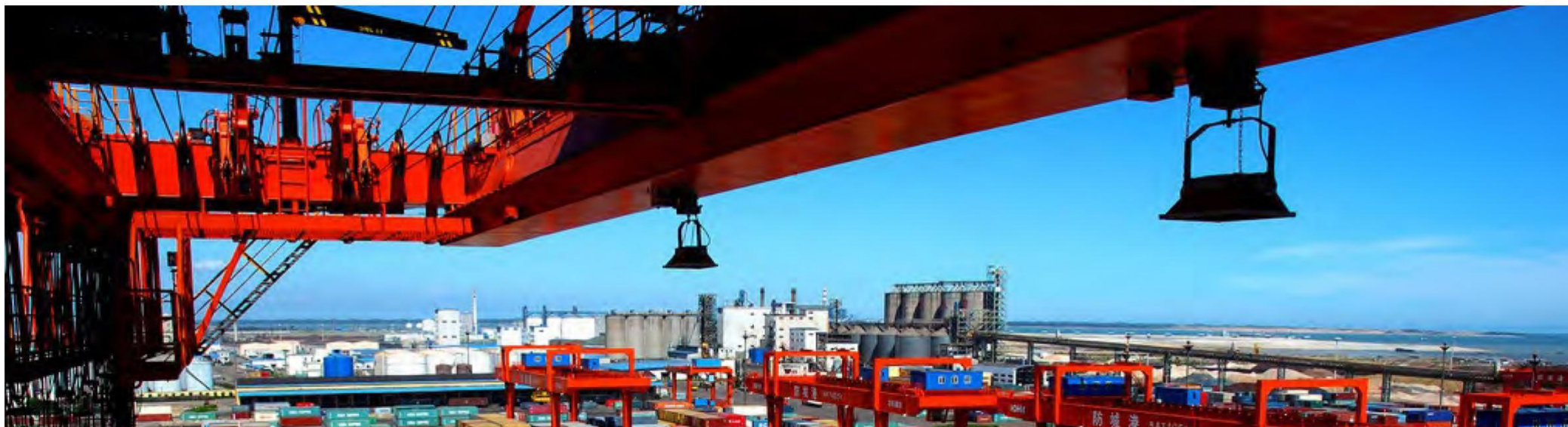
1. PLC+VVVF electrical control, synchronous start and stop of multiple motors, more stable operation.
2. Sound + light alarm to remind personnel that the equipment is in operation to ensure personnel safety.
3. Many places are equipped with hd cameras, so that the operator can see the equipment status in the driver's cab.



1. High-performance polyurethane buffer can minimize the damage of terminal collision to the equipment.
2. Electro-hydraulic rail clipper + mechanical windproof zipper can prevent the equipment from being blown out of the track or overturning in high wind.
3. High-strength alloy steel multi-wheel set can not only increase the overall bearing capacity, but also reduce the local wheel pressure of the wheel.



1. Electric telescopic spreader, suitable for lifting 20', 40' and 45' containers of various specifications.
2. The electric rotary spreader can quickly locate and adapt to containers stored in different directions.
3. Lifting can only be allowed when the four-angle locking device of the spinner is in a closed state and the green light is on.



We have the industry's leading expertise in ports solutions. For you this means that when we build a service relationship with you, we understand the potential challenges that can arise in your equipment and processes, and then provide well-engineered solutions you can depend on.

Related Products



Model:	RMG-Container Gantry Crane
Lift Capacity:	15t-100t (Special design available)
Span up to:	31.5m (Special design available)
Lift height up to:	12m (Special design available)
Duty Class:	ISO A3, A5/ FEM 2m, 3m
Power Supply:	220V-480V, 50/60Hz, 3 phase

Model:	MG- Ship Building Crane
Lift Capacity:	100t-500t (Special design available)
Span up to:	100m (Special design available)
Lift height up to:	50m (Special design available)
Duty Class:	ISO A3, A5, A7/ FEM 2m, 3m, 4m
Power Supply:	220V-480V, 50/60Hz, 3 phase



Jib crane



Wall traveling jib crane is a special crane used in the workshop of machine manufacturing and assembling.

This jib crane can make the best of the space structure of the workshop, saving production place. It runs on the rail mounted on the wall in multilayer assembly workshop.

It has characteristics of unique structure, safe and reliable operation, high efficiency, energy-saving, time-saving, effort-saving and flexibility.

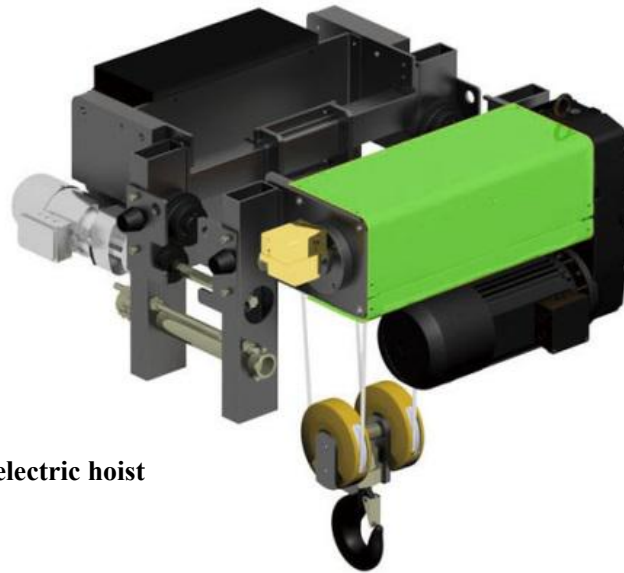


Column mounted jib crane work for light intensity, crane by post, rotating arm rotation drive device and electric hoist, column bottom through on the concrete foundation with anchor bolt, cantilever rotary driven by cycloidal pinwheel reducer, electric hoist on the cantilever beams as a straight line running from left to right, and lifting heavy objects.



Wall mounted jib crane applicable to short distance, frequent and intensive hoisting operations, is fixed on the floor and it could stand independently. And the arm fixed on the top of fixed pillar. If the arm needs swing, the swing motor will be equipped on crane. And then the electrical will be installed on the crane per actual demands





European electric hoist



European electric trolley



Trinity of high-performance motor, reduction gearbox and brake.
 Compact structure, excellent performance.
 Low energy consumption, low noise and eco-friendly design.
 Variable frequency control, smooth running, low impact and meeting requirements of a variety of speed.



The imported wire rope of high performance with tensile strength up to 2150MPa.
 The surface with galvanized processing for corrosion prevention effectively.
 With good flexibility to ensure wear resistance of the wire rope and prolong its service life.



Use the Q345 type seamless steel tube as raw material and process it by numbers of working procedure.
 Advanced processing methods to ensure concentricity of the drum.
 The depth of rope groove is in compliance with the FEM standard.
 High-strength pressing plates and bolts are fastened on the end of the wire rope to ensure the safety of lifting.



DIN standard of lifting hook with safety clasp and wire rope sheath ergonomic design.
 Forged by the high-strength material of T grade.
 Accompanied with nondestructive test certification of lifting hook randomly.



New type QD crane winch



Crane winch



Traditional QD crane winch

1. The design of double beam overhead crane with hoist trolley/winch is based on FEM,DIN, ISO standard, which is extremely safe, ergonomic, convenient, and efficient for material transport. Its compact size structure could save lots of space.
2. The whole drive including lifting, crossing traveling and long traveling use infinitely variable frequency motor which make the crane travel smoothly.
3. The different type lifting mechanism can be choose by crane's different work duty, and working frequency.
4. Using suitable lifting mechanism can reduce project and maintenance costs for customer.

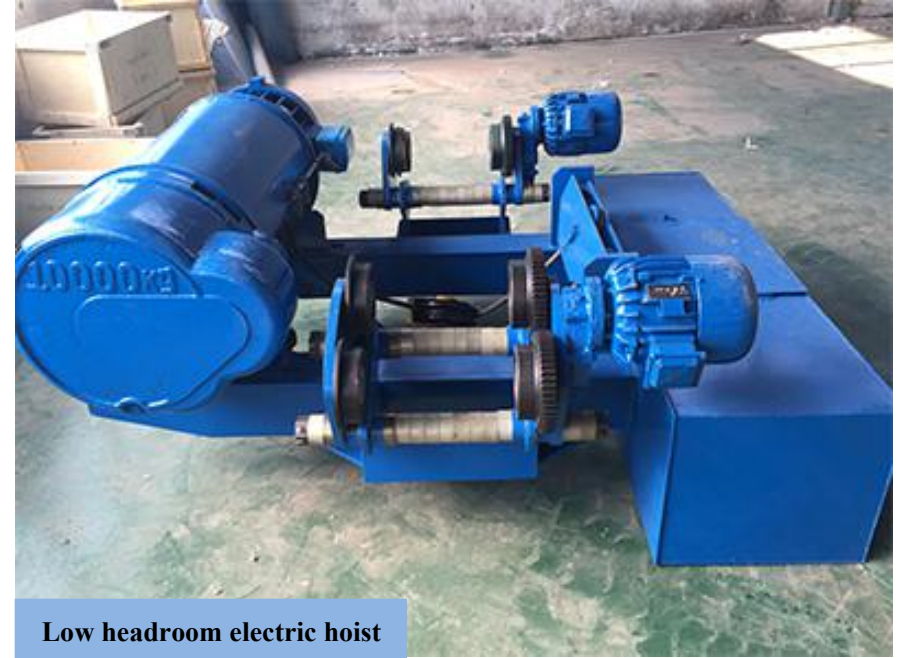


LH crane winch





Explosion-proof electric hoist



Low headroom electric hoist



CD wire rope electric hoist

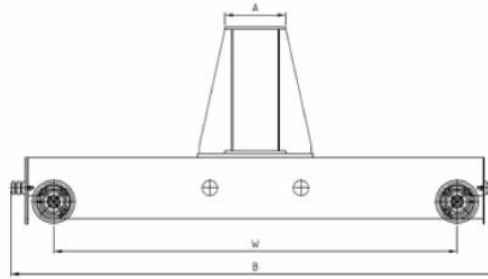


Electric chain hoist

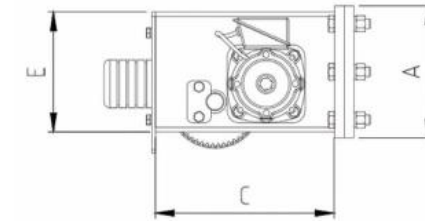


MD electric hoist

End carriage



结构代号code	结构尺寸structure
A	150x150x6方管Square tube
B	200x150x8矩形管Rectangular tube
C	250x150x8矩形管Rectangular tube
D	300x200x8矩形管Rectangular tube
E	350x200x8矩形管Rectangular tube
F	400x200x8矩形管Rectangular tube
G	400x200x10矩形管Rectangular tube



1. The end carriage design and process of our company are in line with the latest standard of FEM and GB. Mainly including the following types:
 - a. Open pinion type end carriage.
 - b. Hollow shaft type end carriage.
 - c. Underslung crane end carriage.
 - d. Wheel block.
2. The wheels are made of alloy steel (42CrMo/4140), use the national standard rectangular tube, heavy duty used the welded box type. The drive used gear reducer motor with a variable speed or double speed control by inverter as required.
3. The connect ways divided into: Top connection, side connection, double side connection.
4. Drive motor reference SEW sample, version 11/2017(16860012EN)
5. The end carriage wheel diameter 125/160/200/250/315.



Transfer Cart



- ☑ Push and Pull operation or completely motorized
- ☑ Full steer-ability or controlled direction of motion
- ☑ Custom shaped decks and carts to suit your application
- ☑ Decks can also come with lifting fixtures for simple transportation
- ☑ Options of having fully automated controls, a radio remote control system, or a fixed pendant
- ☑ Capability to link twin carts in order to transport a higher capacity load or longer product in tandem.

1. The material handling transfer cart models will perfectly suit you needs in coil handling steel industry, concrete manufacturing, transportation in factories, warehouses, ports and the variety of hard duty fields where moving on rails is required and production cycles are regular both time-wise and route-wise.

2. A **battery powered cart** or a **cable reel powered cart** can be designed to travel on steel rail bars or they can be operated directly on the floor of your facility.

3. A transfer cart will improve material handling when moving heavy equipment. Our versatility manufacturing this transfer cart is proven by our experience and adaptations can be made according to our clients' needs and with clear commitment to meet them.

4. This device mainly consists of AC motor, cart frame, wheels, cable reels, speed reducer, electric control box, pushbutton pendant or wireless remote control, VDF (soft starter, variable frequency drive).



Working platform



1. Scissor aerial working platform is a special equipment for high-altitude operation. Its shear - fork mechanical structure makes the lifting platform higher stability after lifting. The wide operating platform and high carrying capacity make the height of the high altitude operation more extensive, suitable for many people at the same time and making high-altitude work more efficient and safer.
2. The working platform is mainly used to lift workers to high place for repairs, maintenance, cleaning or installation and so on. You can move it easily to the right working area. The Mobile Working Platform can be also equipped with battery. With the battery, you don't need to connect AC power, and you can let the mobile working platform at some work areas without power. Also, this type of mobile working platform can be installed with the driven wheel to move it by hands without any hardness.



Pull-type working platform



Electric working platform

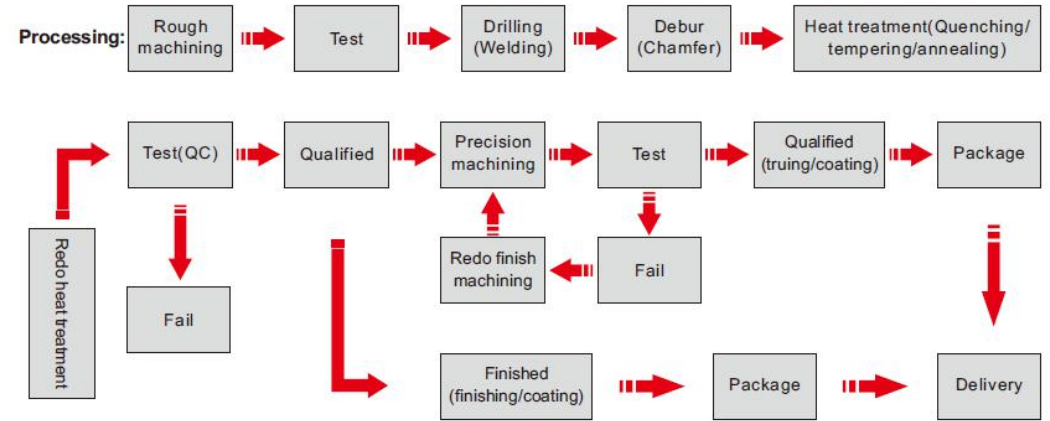


Hydraulic working platform





Crane Wheels



1. The forging & Casting crane wheel on rails are widely used in the overhead crane and gantry crane, rail transfer cart, transportation carriage, mill and airlines vehicle, railway locomotive, construction machinery and so on.
2. Crane wheels are designed to operated in tough environments and carry tremendous loads, we provide the wheels with different materials, such as ZG430640 cast steel, 60#, 65# , 65Mn, 42CrMoA or according to your requirements.
3. Forged & Casting Crane Wheels are available in a wide range of sizes. In addition, crane wheels to meet your special design requirements can be produced in virtually any size, configuration and surface finish condition.
4. Measuring & testing equipment: Projecting profile, roughness tester, hardness tester, concentricity tester ect, UT ultrasonic detecting instrument.

