



An ISO 9001:2008 Certified Company

**UNICON**  
UNICON TECHNOLOGY  
INTERNATIONAL PRIVATE  
LIMITED

Since 1976

Redefining Technology  
Better



▪ E.O.T CRANES ▪ GANTRY & SEMI GANTRY CRANES ▪ GRABBING CRANES ▪ TRANSFER TROLLIES ▪ TRAVERSERS

[www.uniconcranes.co.in](http://www.uniconcranes.co.in)

We are one of the leading designers and manufacturers of cranes in the country. After having embarked our journey in the year 1976, we have steadily climbed towards diversification and product additions. Broadly our range of products includes E.O.T Cranes, Gantry & Semi Gantry Cranes, Grabbing Cranes and Single Girder Cranes. Today, we can proudly claim to be manufacturing one of the best equipment in the country.

- Sturdy and Reliable Equipment serving most of the business houses/industries for more than 35 years.
- Complete in house fabrication and machining facilities available.
- Computer aided design through specialized software.
- Specialized design for Steel Mill Cranes like Ladle handling, Grabbing, Coil handling, Scrap handling with magnet and Billet handling.
- Manufacturing capability of cranes upto 300 Ton capacity.
- Cranes along with latest features such as VVVF Drives, Load Cells, Remote Control etc.
- Elaborate QAP and Stringent Quality Checks to ensure consistent quality.

**Vision**

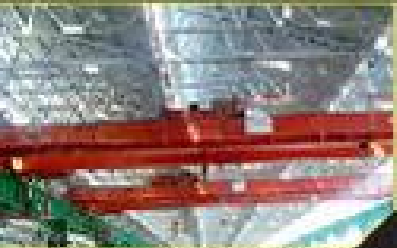
To continuously improve and innovate the design, quality and performance in cranes, by redefining customization through standardization. To consistently produce and supply an equipment which shall help the customers to enhance their productivity and profits and minimize downtime.

**Mission**

To be the Global Leader and customer's first and the best choice in cranes. To establish "UNICON" as a synonym for dependability, quality and safety.

**CUSTOMER SATISFACTION**

The ultimate word of appreciation for the company has always come from the customer, in the form of repeat orders for its numerous supplies and customer loyalty which exists through 35 years of the company's history.



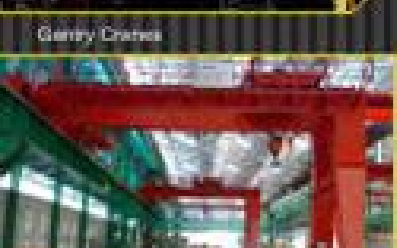
Four Girder / Double Girder Electrically Operated Overhead Travelling Crane



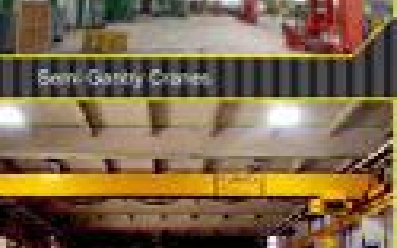
Grabbing Cranes



Gantry Cranes



Semi Gantry Cranes



Single Girder Cranes

**CONTENT**

Know Us

Infrastructure

Product Range

Standard Products

**Redefining Technology Better**

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## KNOW US

We are one of the leading Designers and Manufacturers of cranes in the country, established in the year 1976. The company is a brain child of Mr. R.S. Nalwa, an alumni of IIT(Mumbai), who has been involved in the design and manufacture of cranes since 1966. Due to his innovations and foresightedness, of the requirement of cranes in our country, he had successfully taken up the task of standardization of cranes, for the first time in India, in the year 1969 & 70, which till date has been one of the greatest achievements, of the Indian Crane Industry.

History witnessed a dynamic start of UNICON with the manufacture of special furnace maintenance platforms for Thermal Power Stations. This was done for the first time in India, thereby marking our successful start in business and also establishing our technical expertise. Thereon we started our steady climb towards diversification and product additions, by adding other equipments like Gear Boxes, Gear Couplings and Sluice Gate Hoists in our range of manufacture. Soon we added Cranes to this impressive list and established a strong and sound footing in this field.

UNICON CRANES today proudly stands by its numerous successful installations in a wide array of industries such as Power, Steel, Paper, Construction, Chemical & Fertilizer, Sugar etc. all over India and abroad. Our consistent performance over the years has helped us develop a large client base, consisting of prestigious organisations and business houses throughout the country. After 35 decades of establishment of UNICON today we are proud to have a concrete infrastructure to cater to our customer needs, to their utmost satisfaction.

### The Team

The combination of highly experienced and qualified professionals and technocrats supported by experienced supervisors and skilled workmen, form a strong team which ensures consistent quality and an economical product, delivered in the minimum possible time. With our consistently improving processes and technically well informed team, we have been pioneers in many innovative solutions to material handling problems.



### Our Installations

We have also supplied to countries such as

- Turkey
- Nepal
- UAE
- Bangladesh
- Tanzania

# INFRASTRUCTURE

UNICON is the first Industrial unit, setup in NOIDA, which is the foremost Industrial hub of Uttar Pradesh. Since its establishment, the company has expanded to set up two more units located at Greater Noida. Having our own extensive and modern Design, Fabrication and Machining facilities, makes our equipment one of the Best and Competitively priced.

### DESIGN



COMPUTERIZED designs through self developed software for crane design, Computer Aided Drawings, specialized structural analysis software, form the brain of the organization - the Design Cell. Comprising of Mechanical, Civil, Electrical engineers and post graduates, the meticulous planning & proper documentation facilitates the smooth execution of any project. Archiving of completed jobs ascertains the availability of detailed manufacturing drawing of any spare part, throughout the life of the equipment, which ensures a negligible lead time for spare parts.

### QUALITY

Our elaborate QAP does not leave anything unchecked before being sent to the site. A team of qualified engineers, equipped with the most advanced testing instruments, that are calibrated at regular intervals, ensure strict quality adherence from raw material to the finished product and that is the reason that our equipment has always passed the most stringent quality checks conducted by external agencies.

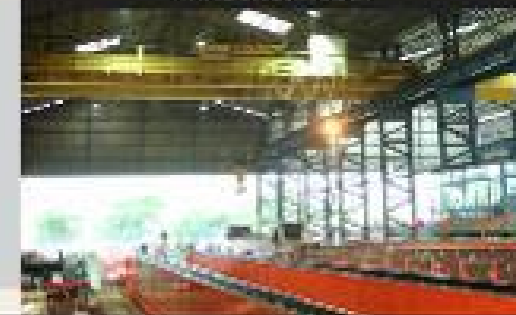


### MACHINE SHOP



A fully equipped state of the art Machine Shop, comprises of the most modern and precision machines. Ranging from simple lathe machines to the most advanced hobbing machines, complete manufacturing of the components takes place In-House. This enables us to maintain the machining tolerances of the components and hence the quality of the end product. Complete In House machining and gear cutting facilities ensures that we can considerably reduce time to supply replacements, in case of emergency. In-Shop E.O.T cranes have been installed to load, unload and handle heavy components and sub assemblies on the shop floor.

### FABRICATION



6300 sq.m of area, holds together two fabrication plants where the complete structural fabrication from raw material to the finished crane assembly takes place. Heavy Duty E.O.T cranes installed inside the shop are capable of handling heavy assemblies and long girders ranging upto a span of 40M.

# PRODUCT RANGE

## FOUR GIRDER / DOUBLE GIRDER ELECTRICALLY OPERATED OVERHEAD TRAVELLING CRANES



- Class IV, Extra Heavy Duty Ladle handling, Coil handling, Scrap handling with magnet & Billet handling cranes for the Steel Industry
- Multiple Trolley Cranes with Individual & Tandem operations for Paper Industry
- Specialized precision control cranes for Turbine Handling for Power Industry
- Cane Unloaders for Sugar Industry
- Flame Proof Cranes for refineries.
- General Purpose E.O.T Cranes
- Specialized Low Head Room Cranes
- Underslung Cranes

- Class IV, Extra Heavy Duty Grabbing cranes, with four rope type Grab Bucket for Chemical & Fertilizer industry
- Scale Pit Cranes with Single Rope & Four Rope Grab Bucket for the Steel Industry
- Misc. applications like coal handling, waste handling

## GRABBING CRANES



## GANTRY CRANES



- Gantry Cranes of span upto 32M have been supplied for Construction Industry, Stock yards etc.
- Gantry Cranes with high height of lift installed at Hydro Dams
- Cranes having bridge to leg connection with Pin Joint at one end and fixed joint at the other end.

## SEMI GANTRY CRANES



- Semi Gantry Cranes to cater to localized work area within the shop floor.

## SINGLE GIRDER CRANES



- Single Girder E.O.T Cranes with Electric wire rope Hoist for Automobile industry, Refineries and Power Plants.
- Single Girder Underslung Cranes with Electric wire rope Hoist.

- Special Motorized Transfer Trolley to transfer materials like coils across shop bays

## TRANSFER TROLLEY



## PIT TRAVERSERS & SURFACE TRAVERSERS



- Used for inter shop movements of wagons, coaches and engines in Railway workshops.

- Main supporting structure for E.O.T Cranes, running along the bay, supplied along with the E.O.T crane

## GANTRY GIRDERS

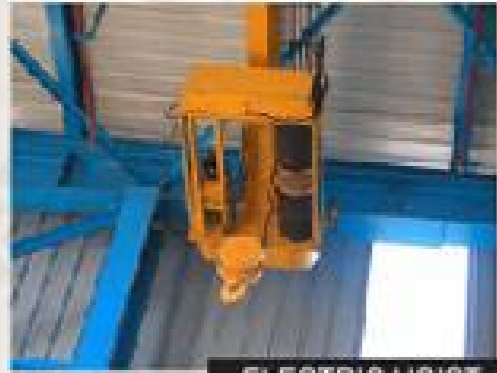


## AIR CONDITIONED ELECTRICAL PANELS



- Specialized Air Conditioned Electrical Panels for Cranes

# STANDARD PRODUCTS AND ATTACHMENTS



ELECTRIC HOIST



CHAIN PULLEY BLOCK



RADIO REMOTE CONTROL



VVVF(AC) DRIVES



ENCODERS



SHROUDED DSL



LOAD CELL



ANTI COLLISION DEVICE



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