# Solutions for every handling challenge




ElectroMech

| Solutions | Service | Satisfaction |

# Equipped to Excel

ElectroMech is a USD 100 million, multinational group in Material Handling with its global headquarters in Pune and having a presence in 60 countries. We have manufacturing plants in the UAE, Indonesia and Saudi Arabia with the Global Design & Development Centre and Asia's largest overhead crane manufacturing facility in Pune, India.

We are an innovation-led, customer-centric, technology-driven, fast-progressing global group, which offers advanced Material Handling Solutions to a wide spectrum of industries for the most challenging applications. Our customers across the world rely on us for our design capability, high manufacturing standards and service excellence.

We are serving clients from various sectors such as automotive, railways, shipbuilding, aerospace, energy, metal, nuclear, defence, heavy engineering, process plants, food & beverages, pharmaceuticals, construction, infrastructure, warehousing and logistics.



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## Solutions for every handling challenge

### Overhead Cranes

#### Industrial Overhead Cranes

- Standard EOT Cranes
  - Single Girder EOT Cranes
  - Double Girder EOT Cranes

#### Gantry Cranes

- Gantry Cranes
  - Single Girder Gantry Cranes
  - Double Girder Gantry Cranes
- Semi-gantry Cranes
  - Single Girder Semi-gantry Cranes
  - Double Girder Semi-gantry Cranes

#### Light Crane Systems

- Underslung Cranes
- HB Cranes

#### Jib Cranes

- Wall Mounted Jib Cranes
- Pillar Mounted Jib Cranes

#### Wall Travelling Cranes

#### Stacker Cranes

#### Process Cranes

- Hot Metal Handling Cranes
- Steel Plant Cranes
  - Coil Handling Cranes
  - Long Product Handling Cranes
- Grabbing Cranes
  - Waste To Energy Cranes
- Tunnel Mucking Systems

#### tyton™ (electric Rubber Tyred Gantry Cranes)

- Single Girder tyton™
- Double Girder tyton™

#### Explosion-proof Cranes

#### Customised Solutions

- Triple Girder Cranes
- Single Failure Proof Cranes
- Telescopic Cranes
- Jib Cranes - Underslung

### Hoists

- Electric Wire Rope Hoists
- Electric Chain Hoists
- Pneumatic Hoists
- Explosion-proof Hoists

### Other Material Handling Equipment

- Steerable Transfer Car (STC)
- Transfer Trolleys
- Railway Traversers
- Lift Trucks
- Rolling Load Movers
- Spreader / Lifting Beams
- Tower Crane Rentals

### Services



# Equipped to Excel





## Harnessing technology to ensure higher reliability

It is our endeavour to maximise value for our customers in terms of cost of ownership, high reliability, high safety and ultimately, higher productivity. Our engineering team is continuously engaged in upgrading our solution offerings to ensure that our customers' material handling experience is of the highest standard. ElectroMech is proud to be at the forefront of technology with an evolving product range that delivers the best possible solutions, be it advanced safety features or fully customised equipment.

Further, to ensure that we meet the challenges of various industries, we have assimilated world-class technology with guidance from global leaders in various specialised fields of material handling equipment and systems. Since 2005, we have an exclusive tie-up for India with **Abus Crane Systems, Germany**, offering overhead travelling cranes up to 125t, compact chain hoists that lift up to 80kg, and a wide range of crane accessories and components.

We have also tied up with **J.D. Neuhaus, Germany**, a world leader in Pneumatic and Hydraulic hoists. Through this tie-up, we offer safe lifting solutions in India for use in general industries as well as in hazardous, explosion-prone areas.

ElectroMech has an agreement with **Hyster-Yale®, United States**, for sales and service of the Yale® brand of forklifts and lift trucks in India.

In association with **Easy Mover Rejmyre Maskin AB, Sweden**, we offer the Easy Mover range of rollers, pushers and push-pull manoeuvres. Easy Mover is a simple machine ideal for moving heavy loads of up to 100t single-handedly.

## Far-reaching solutions

As a result of our pursuit of world-class technology, our equipment can be seen operating flawlessly at diverse locations. ElectroMech supplies a variety of cranes and hoists in capacities ranging from 80kg to more than 300t across different industry verticals, such as automotive, shipyards, infrastructure, metallurgy, power, heavy engineering, manufacturing, general engineering, etc.

ElectroMech equipment is prominently present in the infrastructure sector. We are proud that many major infrastructure projects—such as roads, metro railways, bridges, dams and power plants—have become operational with equipment supplied by ElectroMech.

# Equipped to Excel

Variety, versatility, safety, reliability, productivity, convenience and peace of mind are the standard features of ElectroMech offerings. This is proven by the several repeat orders received from major industrial groups across the world.

## The infrastructure

At ElectroMech, we have been involved in the designing, manufacturing and commissioning of material handling systems with a special emphasis on cranes and hoists since 1979.

Our main manufacturing facility located in Pune, in western India, with an annual production capacity of over 2000 standard cranes, is one of the biggest single-location facilities in the world. This facility is spread over 140,000 sq.m. and is equipped with state-of-the-art machinery, such as CNC cutting machines, semi-automated girder manufacturing fixtures, shot-blasting systems and one of the largest paint booths in the industry. Dedicated load-testing facilities enable us to validate new products and design developments. The facility has 24 workstations to accommodate multiple cranes simultaneously and has the flexibility to handle cranes of all sizes.

The entire manufacturing process is supported by a strong IT backbone that ensures the availability of reliable data, enabling quick decision-making. Our proprietary software platform, Emote, is unique in the industry and provides timely insights about crane health, usage patterns and possible risks.

## Benchmark services

Our services are offered through our subsidiary company, Cranedge, which is India's largest industrial crane services organisation, with a network spread across the country. Emote, a proprietary software platform by Cranedge, is a unique solution that helps monitor crane health, track usage patterns and identify potential risks in time.

## The team

Every business needs a good team. Great people are the cornerstone of an exceptional customer experience. Recognised as a 'Great Place To Work®' for several consecutive years, ElectroMech attracts and retains the best talent in the industry. This ensures that our customers are always looked after by the best people. A collective crane design experience of over 400 years provides our customers with peace of mind, knowing that they are in the right hands.

1 **Global Design Centre**



4 **Manufacturing & Assembly**



8 **Loading & Despatch**



2 **Kitting & Stores**



3 **CNC Plasma Cutting**



5 **Internal Inspection**



6 **Shot Blasting**



7 **Painting**



9 **Erection & Commissioning**



10 **Aftersales Services**



# Single Girder Overhead Cranes




ElectroMech manufactures Single Girder Overhead Cranes in SWLs ranging from 250kg to 20t in different configurations.

- Beam/Box type main girders (dependent on spans)
- These cranes can be offered either with an Electrically Operated Trolley (EOT) or a Hand Operated Trolley (HOT) depending on the client requirement.

A standard range of Abus Electric Wire Rope Hoists is used on these cranes. Alternatively, we can also supply these cranes with Abus Electric Chain Hoists.

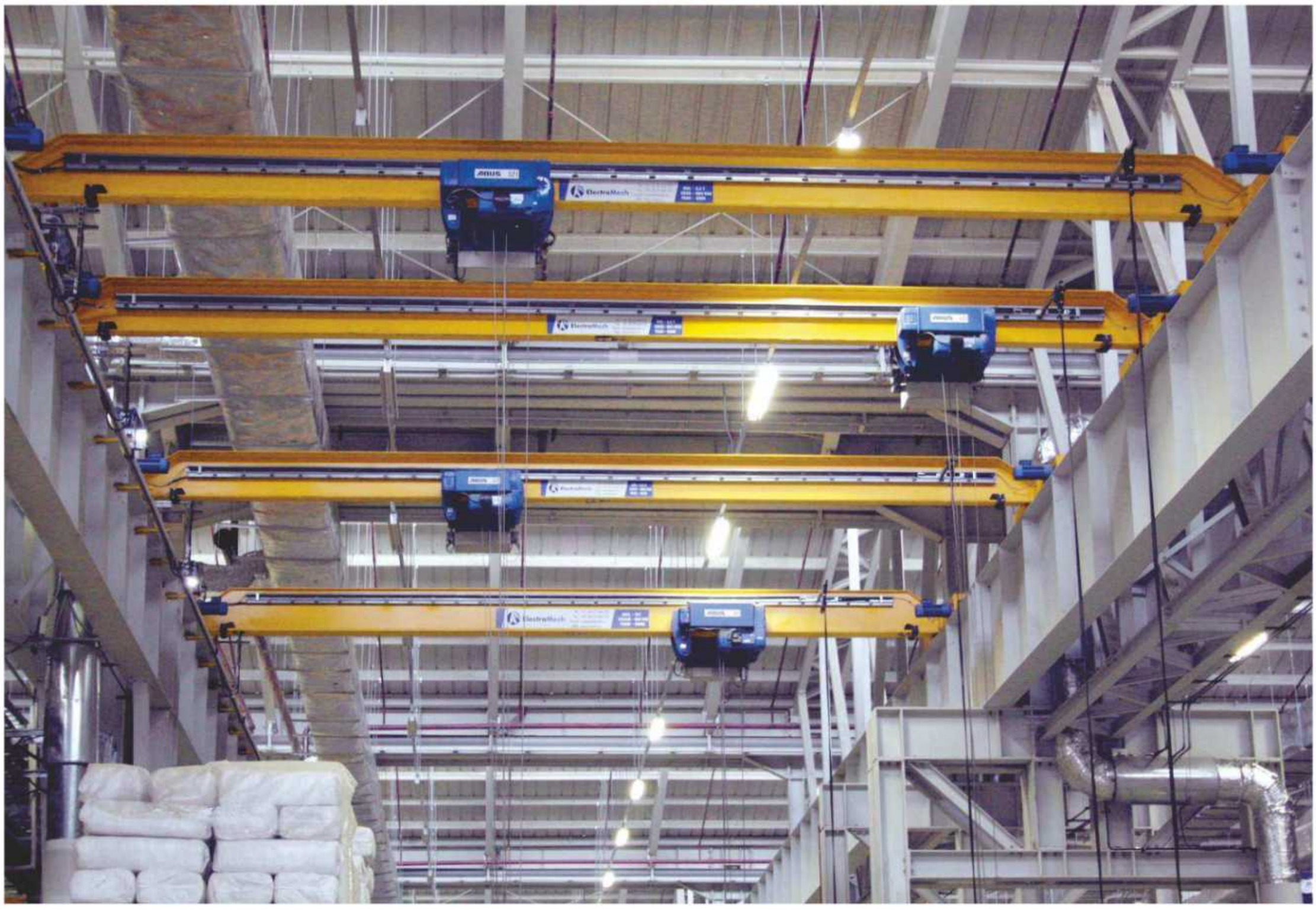


Precise control of the up/down motion and/or travel motion can be achieved by fitting Variable Frequency Drives in the panels (optional).

Control can be either through a Pendant Push Button station or a Radio Remote Control(optional).

Additionally, we can also supply Single Girder Cranes in a 'torsion box' type arrangement, featuring a cantilever- mounted Abus hoist.





# Double Girder Overhead Cranes



ElectroMech manufactures Double Girder Overhead Cranes in SWLs ranging from 1000kg to more than 300t.

These cranes can incorporate either standard Abus crabs (upto a SWL of 125t) or fully customised open winch type crabs.

ElectroMech can supply fully customised Double Girder Cranes as per customer requirements for different duty cycles and for diverse range of applications.

Double Girder Cranes can be provided for very large range of spans, large range of heights of lift as well as a large range of speeds.

Double Girder Cranes can have only a main hoist or a combination of a main hoist as well as auxiliary hoists (useful especially for load tilting).



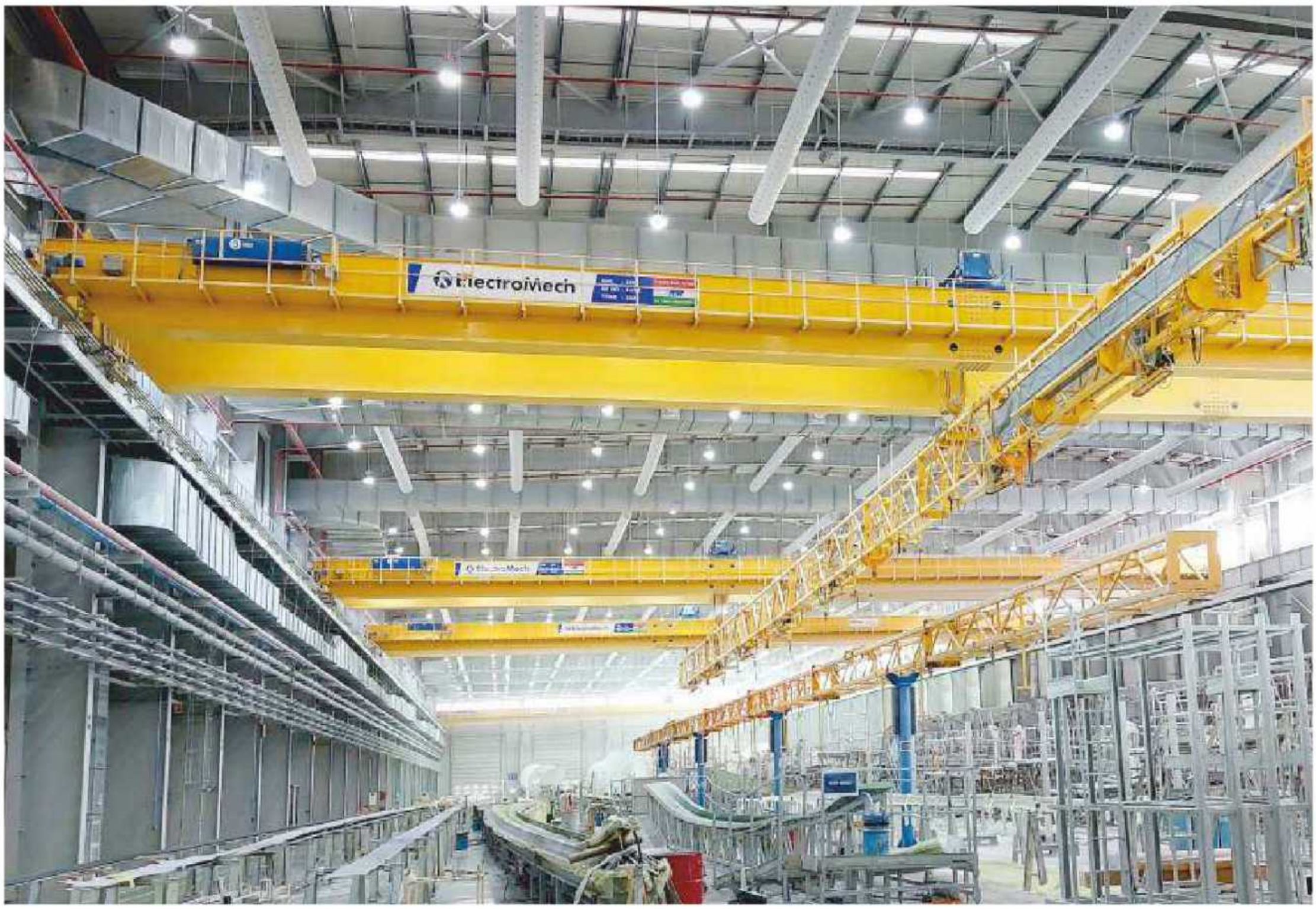
Double Girder Cranes can also be provided with multiple hoisting trolleys running on the same bridge.

Precise control of the up/down motion and/or travel motion can be achieved by fitting Variable Frequency Drives in the panels (optional).

Control can be either through a Pendant Push Button station or a Radio Remote Control (optional) or through a Control Cabin (optional).

We can also offer Double Girder Overhead Cranes for the steel industry which are capable of withstanding extreme requirements of operating speeds and operating conditions.





# Gantry / Goliath Cranes

## Gantry Cranes - Single & Double Girder
## Semi-gantry Cranes - Single & Double Girder

Gantry/Goliath Cranes are versatile cranes and are used mainly for activities in steel stock yards, precast segment yards and other outdoor applications. These are self-propelled cranes running on rails installed at the ground level and do not require any supporting structures.

These cranes can be supplied in Single Girder or Double Girder options depending on requirements of SWL, speeds, heights of lift and other characteristics.

Hoisting for these cranes is through the Abus standard electric wire rope hoist for a Single Girder configuration. For Double Girder Gantry Cranes, the hoisting can either incorporate standard Abus crabs (up to a SWL of 125t) or fully customised open winch type crabs for higher SWL.

Power supply to these cranes is traditionally provided through a Cable Reeling Drum. These cranes can also be fitted with on-board generators depending on the site conditions.

Precise control of the up/down motion and/or travel motion can be achieved by fitting Variable Frequency Drives in the panels (optional).

Control can be either through a Pendant Push Button station or a Radio Remote Control (optional) or through a Control Cabin (optional).



We also provide different versions of these cranes to suit your requirement. For example -

- In workshops where part utilisation of the shop bay is required, a Semi-Gantry Crane can be provided
- Cranes with overhangs on one/both sides
- An auxiliary hoisting mechanism can also be fitted on the main hoisting trolley
- Multiple hoisting trolleys running on the same bridge





# Light Crane Systems

## Underslung Cranes

ElectroMech manufactures Single Girder as well as Double Girder Cranes in the Underslung version as well. Such cranes find applications where the headrooms available are limited or the process requirements cannot allow any other means of supporting the crane other than from the roof.

Majority of the Underslung Overhead Cranes are in the capacity range from 250kg to 10t. However, higher capacity Underslung Cranes can also be manufactured as per the customer requirements.

Hoisting is done using the standard Abus Electric Chain Hoist /Wire Rope Hoist.

Precise control of the up/down motion and/or travel motion can be achieved by fitting Variable Frequency Drives in the panels (optional).

Control can be either through a Pendant Push Button station or a Radio Remote Control(optional).






# HB Cranes

HB-System combines the effectiveness of a stationary hoist with the mobility of an overhead crane. It offers several useful features at a very low cost and is a great combination of advanced technology, economy, flexibility, quality and ergonomics. HB-Systems are readily available and can be quickly installed by suspending to almost any type of roofing/support structure.

All HB-Systems feature an extremely low-build design, ensuring that maximum hook height can be reached in the available space. Options of three types of profiles cover a load capacity range up to 2000kg. All electrical connections are made using an easy plug-in connector system. The system can be adapted and individually fitted to almost any type of roof structure from wood to steel.

HB-System is available in different versions such as Monorail, Double rail, Single Girder and Double Girder type to suit a variety of handling requirements.





# Jib Cranes

## Wall & Pillar Mounted Jib Cranes

Jib cranes can effortlessly assist and multiply human efforts, handling loads precisely up to 6300kg.

Jib Cranes are useful especially for loading or unloading of workpieces on machine tools. These are also useful for loading or unloading of trucks. They can become an inseparable part of a standalone workstation.

Column mounted Jib Cranes are necessary when no appropriate support is available near a workstation. Wall mounted Jib Cranes are ideal solutions for workstations located near walls or vertical structures. ElectroMech designs and manufactures such Jib Cranes to suit specific customer requirements.






# Wall Travelling Cranes

The Abus Single Girder Wall Travelling Crane is designed to operate on a lower level beneath a large travelling crane system. These cranes provide additional handling possibilities and ensure smooth and trouble-free material handling between different working areas.

A wall travelling crane installed at right angles across the hall can serve several workstations. Abus Single Girder Wall Travelling Cranes are available for a maximum load capacity up to 5000kg and for a maximum outreach of 10m depending upon the load capacity.



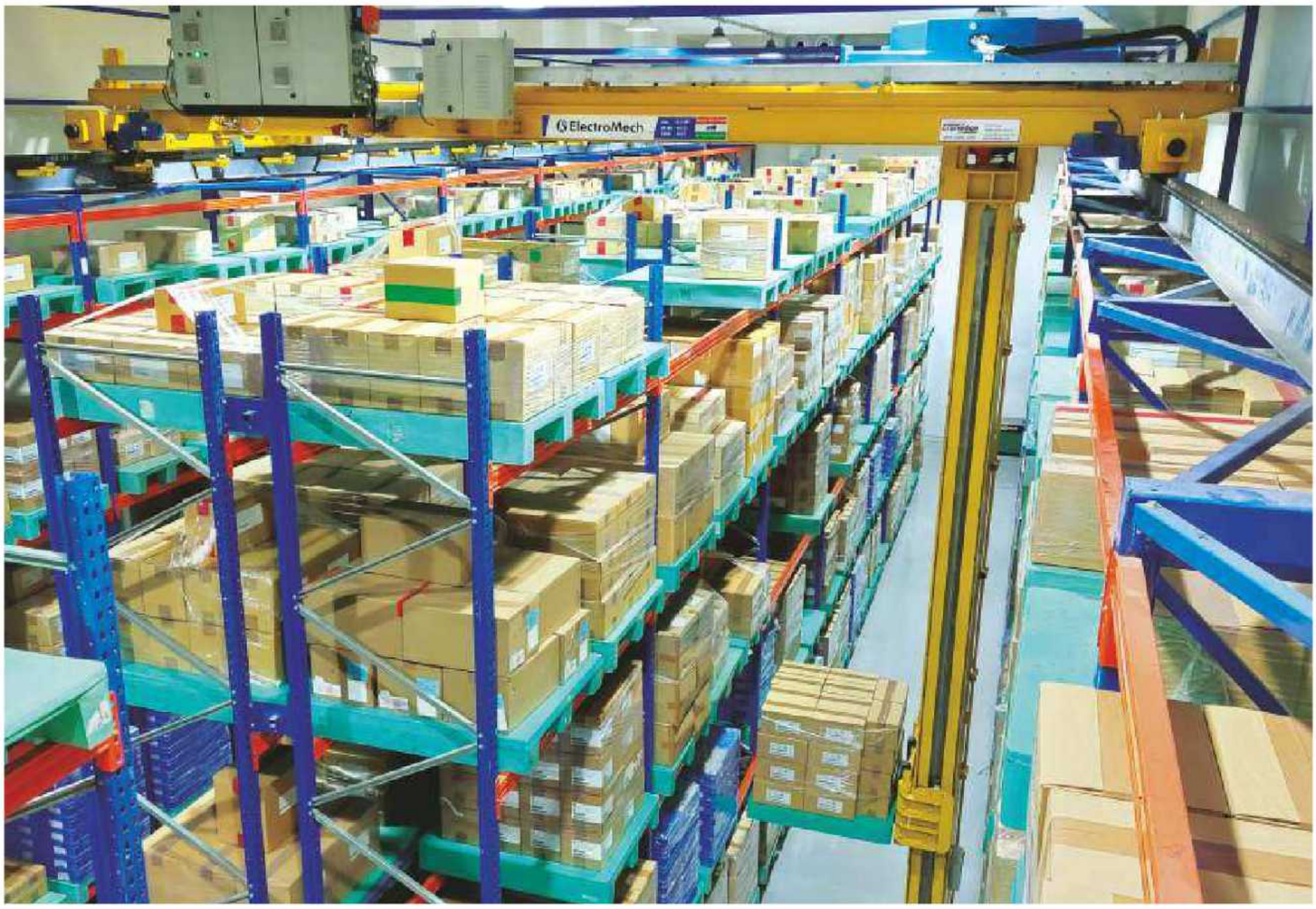


# Stacker Cranes

Indigenously designed and manufactured by ElectroMech

- First conceptualised & introduced by ElectroMech in 1993
- Second iteration of the original design with slew bearing for smooth operation
- Combination of an EOT crane and forklift
- Optimises warehouse space by providing a highly effective, quick and safe solution for storing and retrieving material from vertical racking systems
- Allows for narrower aisles as compared to the space required by a forklift to manoeuvre
- Racks provide the support, no additional structure required
- Electrically operated, no diesel fumes or batteries to be recharged
- No danger of tipping over
- Proven application for furnace loading besides warehousing



# Grabbing Cranes

## Waste-to-energy Cranes

ElectroMech offers highly reliable cranes for waste handling in modern-day waste-to-energy plants. Usually, these cranes perform the tasks of stacking, mixing and feeding the waste to the incinerator. The Waste-to-energy crane is a double girder crane with a grabbing bucket/ arrangement to lift the waste automatically. Considering the harsh conditions in these plants, such as higher ambient temperature, corrosive fumes, and toxic gases, the crane has to have a tough construction. It is also expected to ensure a high level of safety and operate for long working hours.

ElectroMech cranes are just perfect on all such counts and play an important role in a waste-to-energy plant. They can operate 24x7, throughout the year and are backed by efficient service support.





# Hot Metal Handling Cranes

Handling molten metal is an essential activity in any metal processing plant. Molten metal is poured into ladles for shifting it to the next process station, such as the billet/ bloom caster. Usually, an overhead crane is used to handle the ladle, which on reaching the appropriate process station, is tilted to pour the molten metal into the caster.

This demands cranes that offer high precision in handling and extremely safe operation with a redundancy feature. The crane, including the control panel, needs to be designed to withstand very high ambient temperatures in the plant. Sometimes, the control panel also has to be provided with an air cooling arrangement. ElectroMech offers such cranes in different capacities, even up to 300t, with tilting arrangements using an auxiliary hoist.






| Solutions |

# Steel Plant Cranes

## Coil Handling Cranes

ElectroMech cranes are being extensively used by various leading steel manufacturers in their factories and warehouses. For coil handling, they come with various types of special hooking arrangements depending on the dimensions and weights of the coils. These cranes are useful as they use vertical access to the floor space and do not require separate aisles thus saving floor space costs.

ElectroMech cranes ensure higher productivity or higher number of transactions per shift as any stored coil can be reached quickly due to the fast travel time of the crane. The advanced PLC controller for all the motions ensures quick start-stop operation resulting in saving of time. ElectroMech cranes offer high levels of safety with several inbuilt features and are reliable for long hours of operation in a warehouse.

Our Stacker Crane is also an useful solution for storing and retrieving smaller steel coils in a warehouse.





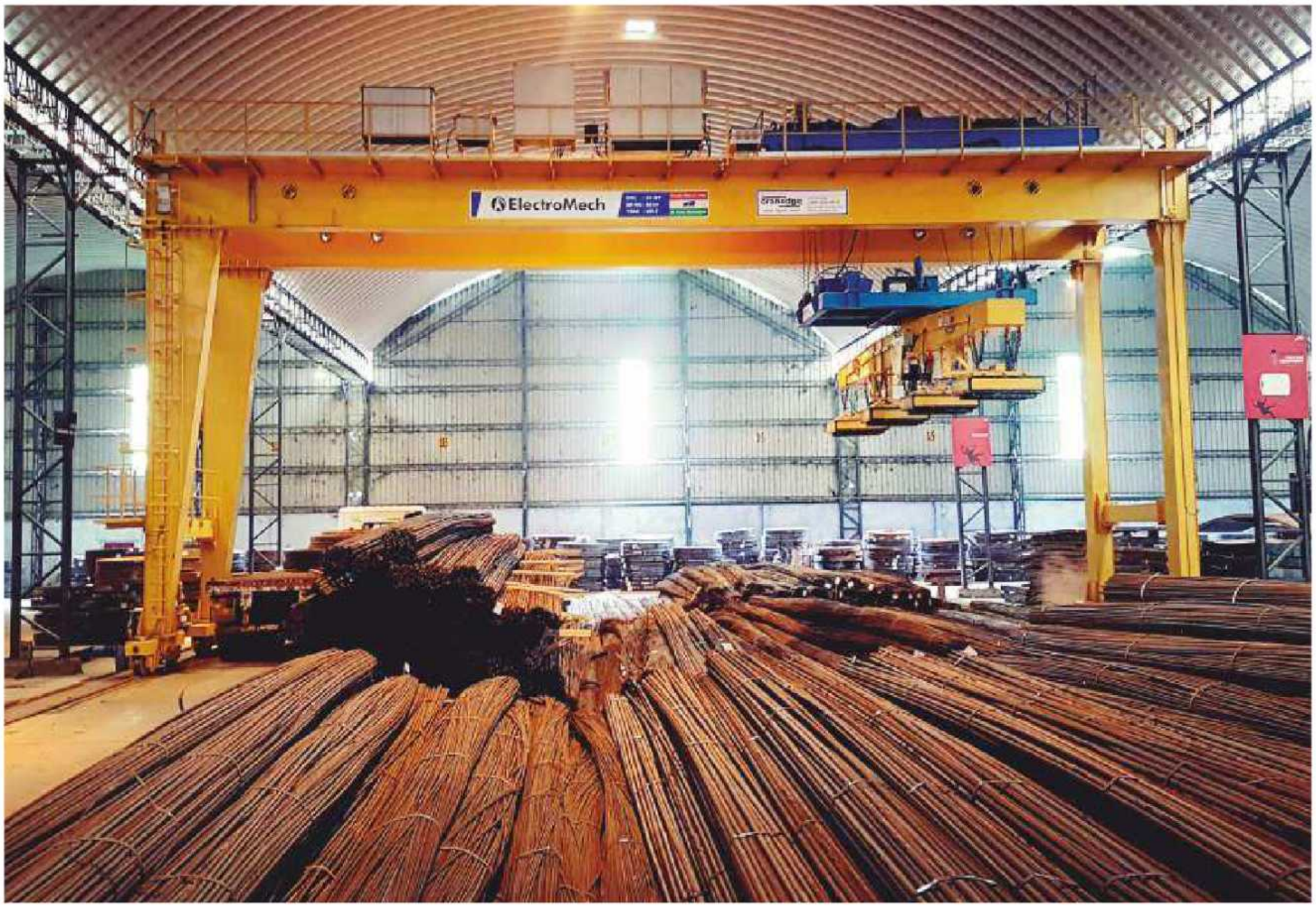

# Steel Plant Cranes

## Long Product Handling Cranes

In the steel sector, long product handling cranes are particularly used in factories, the stores area and warehouses (indoor/ outdoor). These are double girder cranes provided with a rotating crab/ rotating beam and an electromagnet, which together handle and allow the rotation of high-temperature billets/ bundles and stack them appropriately. Additionally, these features are particularly useful when the orientation of the product is to be changed by 90 degrees to take a perpendicular path for reaching the next process station or for loading/ unloading the billets/ bundles on the truck/ trailer. When the shopfloor structure does not have adequate load considerations, the crane can be of gantry type.

Sometimes, to handle long, heavy pipes or stacks of rebars, two cranes of identical configuration are synchronised for tandem operation. This ensures jerk-free movement and safe handling.





| Solutions |

# Tunnel / Shaft Mucking Systems

ElectroMech has developed a unique and cost-effective bulk material handling system for extraction and disposal of overburden generated during construction of tunnels. These systems can very efficiently remove overburden generated during construction of deep shafts which access tunnels, as well as the overburden generated during the tunnelling operation itself.

The typical heights of lift for such systems are in the range of 50m to 300m. The typical hoisting speeds are in the range of 10m/min to 30m/min.

Several such systems designed and manufactured by ElectroMech are being used by major construction companies and are operational at various construction sites across the country.



| Solutions |

# Triple Girder Cranes

These are special types of cranes and are recommended when the handling requirement is complex in terms of weight, size, height of lift, span, and other handling aspects. One such example where we have supplied such a crane is that of the assembly and installation of a tunnel boring machine (TBM), which was carried-out in a tunnel at 100m below ground level.

This is a unique solution offered by ElectroMech. The crane constitutes 3 girders on which 4 hoists of 25t capacity each are installed. All these four hoisting trolleys are synchronised for tandem operations and to handle a 100t load at any given time. One or more of these 25t trolleys can be used simultaneously.

ElectroMech triple girder cranes are built using robust Abus hoists that are compact, efficient, and can withstand the rough, dust-laden atmosphere inside a tunnel.



NEW

Patented Control Technology



# tyton™ - Electric RTG Cranes

## Single & Double Girder electric RTG Cranes




After attaining a position among the top 10 companies in the crane segment across the world and establishing its presence in nearly 60 countries, ElectroMech has introduced the **tyton™ – electric Rubber Tyred Gantry crane**. tyton™ is a custom-designed solution for your material handling requirements to lift and move loads in multiple directions. Along with better utilisation of floor space, tyton™ benefits industries by addressing several material handling challenges, and provides the much required flexibility, safety and ease of operation.

tyton™ is designed to operate on gradients and various types of surfaces. It is self-propelled and driven by electric motors using VFD, has a rigid structure designed to take dynamic forces and can easily be disassembled and transported. These features make it the perfect choice for the industrial, infrastructure, wind energy and other sectors to competently address various load handling requirements. It is also easier to operate the tyton™ using a radio remote control compared to any other mobile equipment being used for similar applications.



Features:

- **Gradeability** - Up to 5%. Can be operated on uneven surfaces
- **Electrically driven** - No hydraulics involved (No power supply or runway needed)
- **Intact floor** - Constant pressure on floor irrespective of amount of load lifted
- **Versatility** - Capability to work on various surfaces
- **Portability** - Can be easily disassembled and transported
- **High safety** - Safe handling of long and odd-shaped items
- **Turns effortlessly** - Can easily negotiate turns
- **Robust structure** - Designed for dynamic loads
- **Tandem operation -** Two RTGs can be easily coupled to handle long objects
- **Low cost of ownership** - Low maintenance, high uptime, high productivity, low expenses on developing infrastructure






# Single Failure Proof Cranes

## Customised Solution for Nuclear Plants

Accurate solutions for ensuring highest level of safety and optimising space while achieving economy.

The radioactive environment in nuclear plants and the hazardous nature of materials being handled requires solutions that are advanced and specially designed to be extremely safe. ElectroMech has earned experience and expertise in this field through its solutions like **Single Failure Proof (SFP)** cranes. Different variations of this crane are customised to suit requirements at various operational points. For example, in a main reactor building, the SFP crane is installed at the top of the reactor building dome. The SFP crane has redundant systems built into it, so that if one system fails, the backup system ensures that the work cycle is completed. The crane is designed to ensure structural integrity during an earthquake and to allow safe shut down of equipment. These cranes are manufactured using special grades of steel and components of the highest quality. Every crane is rigorously tested in our factory before despatch and installation.





# Telescopic Cranes

## Customised Solution

This is highly customised and cost-efficient crane solution most recommended when components are required to be moved from a workstation in one bay to another workstation in the adjacent bay. In the conventional method, such handling requires an overhead crane as well as a transfer trolley for shifting the job from one bay to another.

With the option of the telescopic crane, now the customer is able to reduce the additional civil and structural work required for the movement of the transfer trolley. However, while designing telescopic cranes, the additional load factor on the building column in that specific zone needs to be considered.

ElectroMech customised telescopic crane is built using the robust Abus hoist, which is compact and efficient. These cranes can be supplied in the capacity ranging from 2t to 20t.





# Underslung Jib Cranes

## Customised Solution

A few workstations have localised handling requirement, which cannot be met by any standard equipment. A large investment in the double girder EOT crane is not justifiable and hence, uncalled for.

When a leading manufacturing company of tyres for off-road vehicles was looking for such a solution, we developed a heavy-duty underslung jib crane for them. This was a column-mounted jib crane built using the proven Abus wire rope hoist and provided with an auxiliary chain hoist to tilt the job during operations. The chain hoist was mounted on a separate beam track that was underneath and perpendicular to the main jib arm. The economical solution competently addressed the challenge and increased productivity in handling operations.



NEW



# Steerable Transfer Cars (STC)

The all-new Steerable Transfer Car (STC) from ElectroMech is a safe, robust and technologically advanced solution for a wide range of material handling applications in industries. Its open design  load-carrying platform is suitable for a variety of materials with varying dimensions and odd shapes.

The Steerable Transfer Car is a heavy-duty, electrically-driven equipment available in a range of capacities and sizes to meet your challenging requirements. It is fitted with rubber tyres and has a short turning radius that allows great manoeuvrability across large yards, workshops or factories. STC can be used on concrete or asphalt surfaces and can negotiate a gradient of up to 5 percent making its use more versatile across a large spectrum of industries.






# Transfer Trolleys

Various material handling requirements exist in the manufacturing sector, particularly in heavy engineering. Overhead cranes cannot provide the right solution as they may not be economically viable or technically feasible. In such cases, a ground trolley or transfer trolley is the ideal option. It is an electrically driven, self-propelled trolley with a platform of a suitable size to place the object. It moves on two or multiple rail tracks, which are sometimes provided with busbars and a current collector mechanism. It provides point-to-point linear, intra- or inter-plant movement of heavy, odd-shaped components in the most effective way.

We also provide transfer trolleys of large capacities for outdoor applications such as precast yards.






# Railway Traversers

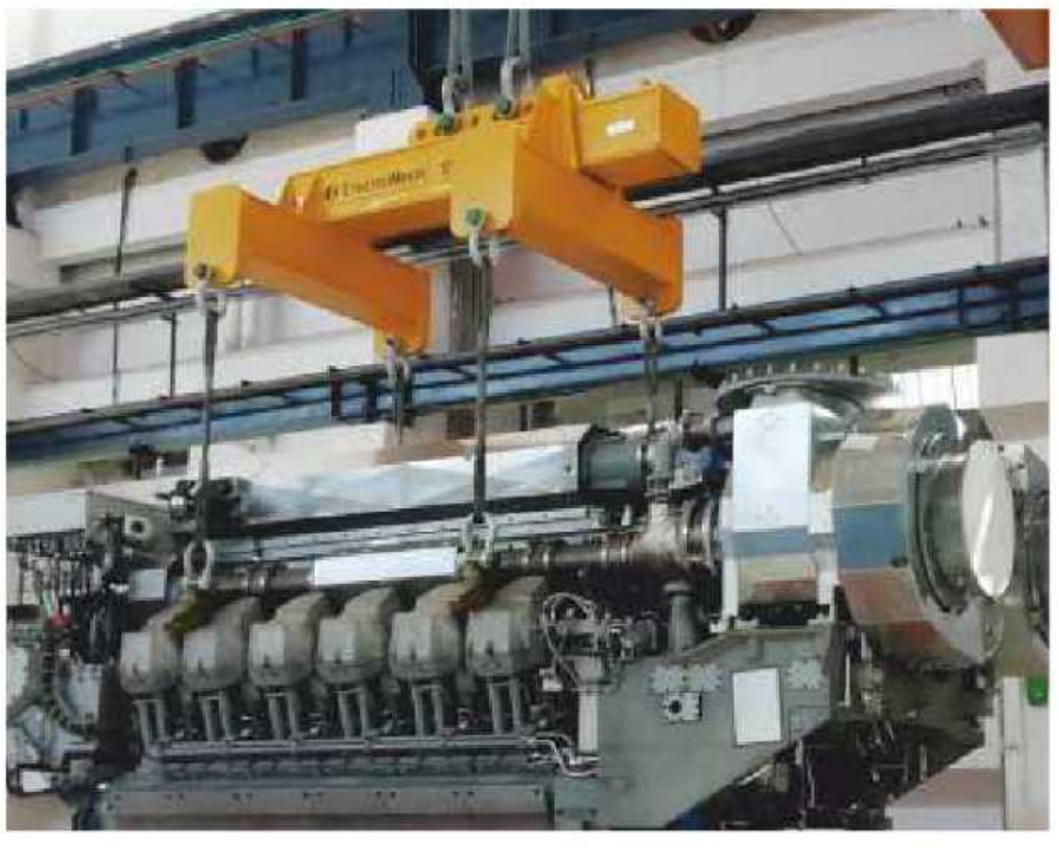
Railways require engines, wagons, rolling stocks, and various types of rail inspection and track maintenance equipment. There are separate manufacturing factories for each one of them, which involves several operations. Usually, the assembly operations are carried out on a bogie, which can easily move on rails from one assembly station to another. However, shifting a long bogie on the adjacent assembly line is not an easy task as it requires a large turning radius. In such cases, the traverser is the most useful idea where the semi-assembled equipment is pushed inside the traverser, which moves horizontally and aligns itself with the rail track of the adjacent assembly line. The traverser is useful even for shifting a bogie from one shed to another. The traverser is a unique solution from ElectroMech for the railway sector.



# Spreader/ Lifting Beams

A spreader beam is a 'below-the-hook' lifting attachment. It stabilises and supports bulky and heavy loads during lifting. With the use of the spreader beam, the load gets distributed across two or more points. A spreader beam converts lifting loads into a compression force in the beam and tensile force in the slings.

Eventually, this distributes the lifting load across the slings which, in turn, are connected to the hook of a lifting attachment. The ElectroMech Spreader Beam provides an optimum solution with specialised products for the Oil & Gas sector. Our spreader beams are custom-engineered, manufactured in our state-of-the-art factory, and subjected to rigorous tests. Spreader beams from ElectroMech are available in different capacities up to 300t and are subjected to stringent quality norms while adhering to different standards across the globe.





# Hoists

## ELR - Electric Wire Rope Hoists

The new, powerful ELR Series of Hoists is a culmination of our extensive experience in the Hoist & Crane technology. This range is perfectly suited for low and medium duty applications in several industries such as automotive, engineering workshops, electrical, fabrication, chemicals, plastics, process industries and so on. Designed after careful evaluation of handling requirements of such industries and through our in-depth research, the new ELR Series promises great performance. The ELR Series Hoist incorporates advanced features for higher safety so that you are confident while using it for critical applications. Its sturdy design assures absolute reliability, a long life, minimal maintenance, and complete value for your money. The ELR Series Hoist is light in weight, which reduces your structural costs and it can easily be adapted to different work environments providing immense flexibility at the workplace. With all these features and capabilities, the new ELR Series is truly the best-in-class hoist.



# Hoists

## Electric Chain & Wire Rope Hoists

In association with ABUS crane systems, Germany

ElectroMech supplies standalone Electric Chain Hoists and Electric Wire Rope Hoists for various handling requirements across industries. With a reputation for quality, reliability and affordability, ElectroMech hoists feature advanced engineering concepts with special emphasis on safety and versatility. This proven range encompasses several standard models of Abus hoists with options of load capacity, lift, hooking arrangements and headroom requirements.

### Electric Chain Hoists

The new generation of Abus compact chain hoists feature a fresh new design and convincing technical solutions. The 3 phase, 400 volt hoists are available in four different sizes to reliably handle loads from 80kg to 4t. The motor and the gear units are of modular design, allowing to produce a wide variety of versions for lifting speeds up to 20m/min. and FEM groups up to 4m.







### Electric Wire Rope Hoists

Abus Wire Rope Hoists are compact with low headroom dimensions and incorporate latest technical innovations. These hoists are produced using the most advanced technology available and continue to bear witness to the reliability, safety and durability year after year, from motor to rope, gearbox, brake and electronic systems. These units cover an extremely wide SWL range from 1000kg to 125t in both Monorail and Double Girder configuration.

# Hoists

## Pneumatic & Hydraulic Hoists

*In association with*

J·D·NEUHAUS
1745
engineered for extremes

ElectroMech brings to you pneumatic and hydraulic hoists in association with J.D. Neuhaus, Germany which has a track record of innovation of over 270 years.

The light weight, low headroom pneumatic hoists are designed for frequent switching and extended duty cycles. They are also insensitive to dust, humidity and wide range of temperatures. Ease of operation, maintenance friendliness and infrequent lubrication requirements are some of the key benefits which make pneumatic hoists suitable for an array of applications.

Hydraulic hoists provide smooth, jerk-free movement, precise control and are suitable for use in hazardous areas.

Pneumatic and hydraulic hoists are a preferred in a range of industries such as petroleum refineries and off-shore platforms, chemicals, food, shipbuilding, paints, pharmaceuticals, shipbuilding, mining, etc.





# Lift Trucks

*In association with*

Yale®

This range of advanced Forklifts and Lift Trucks assure you of the lowest total cost of ownership and great operator comfort due to its unique design. The wide range of lift truck solutions is just right for the 24x7 operations of a busy warehouse or manufacturing plant and caters to all applications.

Yale® range of solutions include, **Battery Operated Pallet Trucks, Electric Stackers, Reach Trucks, Tow Trucks, Electric Forklifts, Diesel Forklifts, Order Pickers and Very Narrow Aisle Trucks.**

We offer solutions for a wide range of industrial sectors, such as manufacturing, retail, e-commerce, logistics, chemical, food and beverages, cold storage, textile, pharmaceuticals, paper & packaging, etc.



| Solutions |

# Rolling Load Movers

*In association with*

easy mover®



**One person can move up to 100t!**

Moving heavy and bulky loads on the shopfloor is always challenging. ElectroMech, in association with Easy Mover, offers an innovative range of Rollers, Pushers, and Push, Pull & Manoeuvre to easily overcome these challenges. All Easy Mover machines are designed and manufactured in Sweden by Rejmyre Maskin AB.

Easy Mover products are ideal for moving heavy loads up to 100t single-handedly. It is a simple machine that handles heavy loads by using the weight of the object being moved. The Easy Mover range includes pneumatically operated and battery-driven models, which are suitable for a range of handling requirements. It increases productivity on the shop floor, reduces manual labour and assures higher safety.

| Solutions |

# Tower Crane Rentals

At ElectroMech, we offer tower cranes of different models and capacities on rental to meet your requirements. Our tower cranes are operational on several ongoing realty projects, mall construction projects, tunnelling and water projects, and high-rise constructions. Higher-capacity tower cranes are also available as per your application requirement.

We provide complete support, such as mobilisation, demobilisation, installation & commissioning, trained tower crane operator, and routine maintenance.



**Advantages of getting a Tower Crane on rental from us**

- Avoid upfront investment
- No down payment
- No maintenance worries
- Great convenience
- Tax saving
- Easy upgrades

Services partner

cranedge

An ElectroMech initiative

*India's first exclusive company*
*for ensuring 24x7 fitness of industrial overhead cranes of all makes*

## Cranedge service offerings

- Spares Sales
- Repairs, Services and Overhauling
- Annual Maintenance Contracts
- Crane Health Checks
- Modifications and Retrofits
- Relocation of Cranes
- Crane Safety Certification



## Cranedge for you

At Cranedge, we pursue the concept of offering 'Service at your doorstep' for reaching 'Zero Downtime' and building 'Lifetime Relationships'.

Cranedge is a dedicated service organisation exclusively for providing post-sales services to users of overhead cranes of all makes. As a specialist service provider, we are equipped and backed by resources which are essential prerequisites for us to excel in service and ensure a high level of customer satisfaction.



Our experienced and competent team is strategically located across the nation, supported by a strong logistics and inventory management system with quick access to spares of almost all makes of cranes. We have a knowledge bank of all variety of cranes and applications, and a host of products to optimise crane efficiency.

The Cranedge team is well trained on various aspects to ensure a very high up time of your cranes and ensure safe operations. This training includes crane architecture of various brands, systematic methods for quick diagnosis of problems and quicker methods to solve them, domain knowledge, safety procedures to be followed while working in your plant, precautions to ensure safe working of cranes, etc.

Once you engage Cranedge, your material handling systems are in safe hands.

*For more details*

Visit : **www.cranedge.com**

E-mail : enquiry@cranedge.com

Call : **Toll-free 1800 209 0010**

# A World of Satisfaction

## Global presence

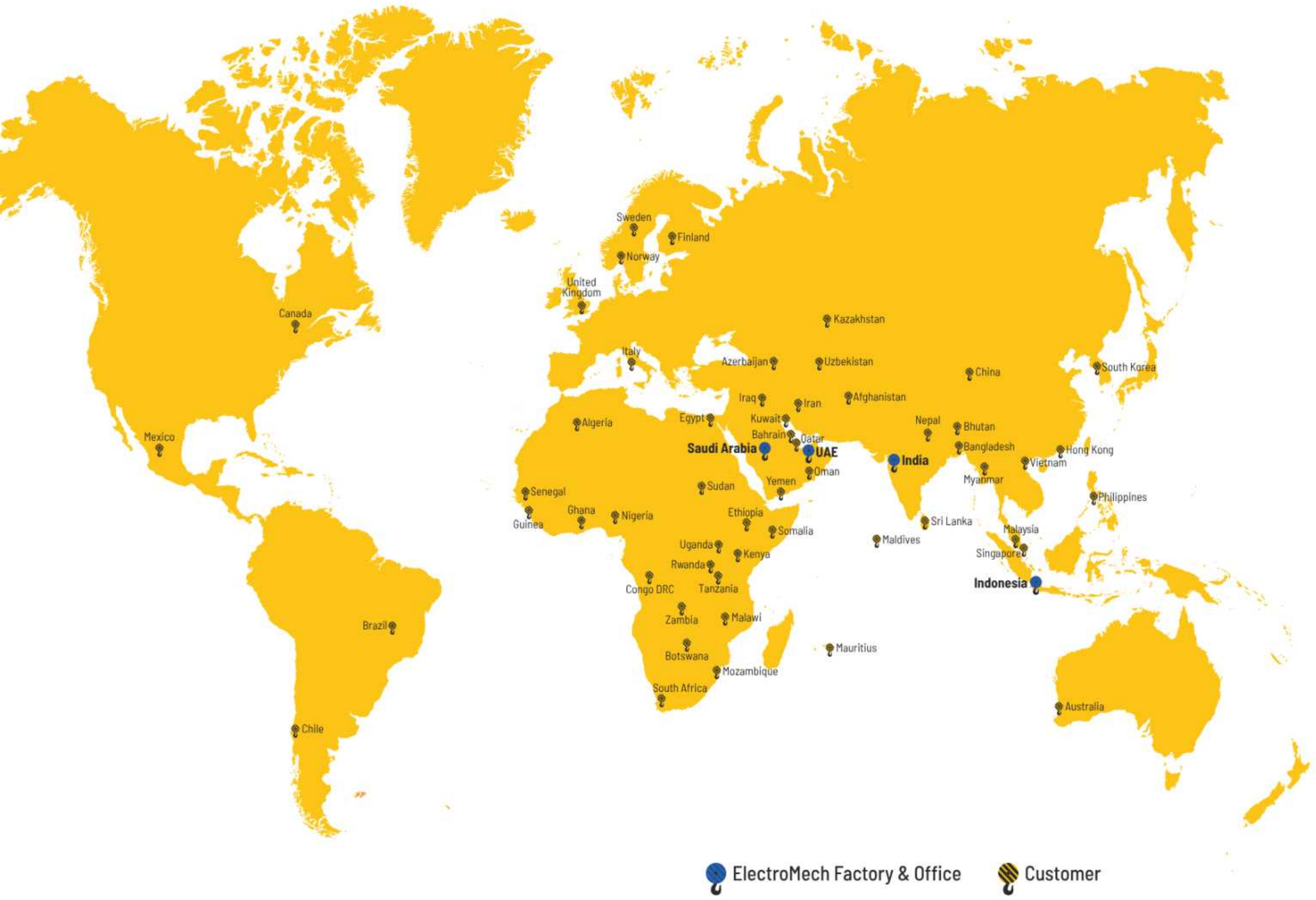
ElectroMech is amongst the top crane manufacturers globally, with its products and solutions working in 60 countries across a wide spectrum of industries.

In addition to our global headquarters located in Pune, India, our international operations are managed from Dubai, UAE. We also have our dedicated manufacturing facilities in the UAE, Saudi Arabia and Indonesia.

Our network of sales engineers and service technicians spread across various parts of MENA, South Asia and South East Asia ensures that we are never far from our customers.

Our experience with cranes, installed at small workshops as well as at gigantic shipyards, broadens our knowledge base. We are inspired to further enhance it to design advanced cranes for more critical applications. ElectroMech cranes operate year after year in extreme climatic conditions, whether it's the sweltering heat of the Middle East or the biting cold of Afghanistan.

Our clients all over the world have experienced great delight and satisfaction, and they are a source of immense pride for Team ElectroMech.




*This is a pictorial representation and does not purport to be the political map.*




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**ElectroMech**
Solutions | Service | Satisfaction

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