

# CRANES & BEYOND



# ND

Expert solutions for material handling  
across various industry sectors

Dear Readers,

Our progress for over 45 years attributes to a significant fact that customers have always trusted our commitment and provided opportunities to explore new solutions.

When a new project poses material handling challenges, our customers involve us at the project planning stage itself. We respond to such challenges with exemplary solutions, creating new landmarks every time.

All such challenges, routinely faced by us, are enhancing our solutions capability and are making us more competent every day. These innovative solutions help our customers manage their business operations most efficiently and provide them an edge over competition.

While casting a global footprint and marching towards leadership in crane solutions, we have earned the trust of 15,000 happy customers, developed a team of more than 1000 specialists and set benchmarks in the material handling sector. We would be glad to partner with you for offering unique solutions for every challenging requirement.



**Tushar Mehendale**

Managing Director



# CRANES & BEYOND



## Overhead Cranes

tyton™ - Electric RTG Cranes

STC - Steerable Transfer Car

## Process Cranes

## Workshop Cranes

Pneumatic & Hydraulic Hoists

Lift Trucks & Warehousing Solutions

Rollers, Pushers and Push, Pull & Manoeuvre

Expert Aftersales Support



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& **BEYOND**



**ND** ▶



**ElectroMech**

| Solutions | Service | Satisfaction |

**ABUS**

crane systems, Germany

**J-D-NEUHAUS**

engineered for extremes

**Yale**

*easy*  
**mover**

**cranedge**

Since 1979, ElectroMech has provided thousands of crane solutions in more than 60 countries across the world. Over past four decades, ElectroMech has emerged not only as the leading solutions provider in the field of industrial cranes, but also as a preferred material handling solutions provider for a host of different applications and industries.

ElectroMech has earned the trust of its clients the world over by providing high quality customised crane solutions backed by top-notch services. We now provide the same ElectroMech experience that our clients have come to enjoy in cranes, across a range of material handling solutions. ElectroMech, a leader in its field of industrial cranes, has joined hands with global leaders in the field of material handling with a view to addressing various challenges. With these partnerships, there isn't a material handling problem that is insurmountable for us. The customer benefits by coming to ElectroMech as a **One-Stop Shop** and our approach of partnering with the best allows us to offer a wider range of world-class solutions. **With these associations, ElectroMech is now a truly 'Complete Material Handling Solutions Company'.**





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# OVERHEAD CRANES

Our core activity of providing crane solutions has become the first choice of leading companies and consultants across the world! In recent times, we have successfully developed solutions that address the toughest challenges. Be they cranes for the nuclear power plants, for mucking operations in tunnelling or for hazardous areas in refineries, the list is long enough. Our crane solutions find use in a diverse range of verticals like infrastructure, warehousing, oil & gas, shipyards, steel & other metals, automotive, thermal power, wind energy, hydroelectric power, geothermal energy, waste-to-energy, aerospace, railways, defence, pharmaceuticals, paper, mining, manufacturing, general & heavy engineering.

If you have a material handling problem, we must have already addressed it earlier; if not, we will always be happy to develop a bespoke solution for you!





Patented  
Control  
Technology



CRANES  
& **BEYOND**



## tyton™ ELECTRIC RTG CRANES

After attaining leadership position in the EOT crane segment in India and establishing a significant presence across 60 countries, ElectroMech has introduced a new technology equipment - tyton™ Electric RTG cranes.

tyton™ from ElectroMech is a custom-designed solution for your material handling requirements to move load in all directions. 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 on various types of surfaces. It is self-propelled equipment and driven by electric motors using VFD (variable frequency drive controls), has a rigid structure designed to take dynamic forces and can easily be disassembled and transported. These features make it the perfect choice for industrial, infrastructure, wind energy and other sectors to competently address various load handling challenges.



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## STC STEERABLE TRANSFER CAR

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.





## PROCESS CRANES

We are providing unique, customised crane solutions to a range of process industries such as steel, paper, fertiliser, waste-to-energy and others. Our industry understanding, design capacities and large, world-class manufacturing set-up is your assurance to get optimal and safe solutions for your requirements within a stipulated time.

For the paper industry, we have solutions for wet end, dry end, slitting lines and the storage area. A number of crane solutions are working in the steel sector in the smelting process, forming lines, and the storage area, for process integration and in foundries. A few of our typical solutions for the steel sector include cranes for ladle handling, slab handling, iron ore and scrap handling, coil and sheet handling, rebar handling, pattern/mould handling & tilting, pouring, etc. Our grabbing cranes are being widely used by the fertiliser, chemical and food processing sectors. For the waste-to-energy application, we have developed specialised solutions to handle waste from storage bunker to boiler hopper for charging process. Our solutions for the process industry are well-known for their reliability, safety and efficient services.





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ElectroMech  
SWL : 12,5t/12,5t  
SR NO : 7896  
YEAR : 2021  
Priority Built for India  
By Team ElectroMech

ABUS 12,5t+12,5t

In association with  
**ABUS**  
crane systems, Germany

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## WORKSHOP CRANES

Abus crane components are an integral part of several critical solutions provided by ElectroMech since 2005. Abus is one of the leading crane component manufacturers in the world and manufactures in excess of 20,000 crane kits per year that are supplied across the world.

Cranes equipped with Abus components find use across a wide spectrum of industries and are the epitome of engineering for standardised applications. These highly reliable cranes are extremely smooth in operations and help the customer in not only increasing their productivity, but also save on structures on account of lower headrooms and lower wheel loads.



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## FORKLIFTS & LIFT TRUCKS

Recognising the need for reliable material handling solutions for palletised handling, ElectroMech has partnered with Hyster-Yale®. Through this association, we offer a wide range of Yale® forklifts and lift trucks catering to the requirements of several industry sectors.

Yale® is one of the oldest lift truck manufacturers in the world, and is globally recognised as a leading manufacturer of material handling systems for more than 140 years. Yale® provides dependable forklifts and warehousing solutions globally. It is renowned for providing highly productive lift truck solutions with lowest cost of ownership. They are reliable, employ advanced technologies, offer best in class ergonomics and world-class safety features. Yale® lift trucks from ElectroMech are the first choice of sectors such as automotive, chemicals, plastics, cold storages, FMCG, food & beverages, warehousing, oil & gas, pharmaceuticals, paper and white goods.

With a wide range of options from hand pallet trucks to counterbalanced forklifts to suit capacity up to 16t, you are sure to find the right solutions for all your requirements.





*In association with*





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## HYDRAULIC & PNEUMATIC HOISTS

ElectroMech brings to you pneumatic and hydraulic hoists in association with J D Neuhaus, Germany; world's leading manufacturer of crane solutions for extreme situations. J D Neuhaus holds 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 ranging from handling food containers to aggressive environments like galvanising where cranes come in contact with hot, acidic vapors or hydrogen/explosive gas rich processes in petroleum refineries and off-shore platforms.

Hydraulic hoists, which operate on fluid oil are smooth, jerk-free in operation, precise in control and suitable for use in hazardous areas. They find application in industries like shipbuilding, aerospace technologies, mining, steel works and oil & gas.



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In association with

*easy*  
**mover**<sup>®</sup>



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## ROLLERS, PUSHERS AND PUSH, PULL & MANOEUVRE

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.

Easy Mover is a quality product from Rejmyre Maskin AB that is ideal for moving heavy loads up to 100t single-handedly.

Easy Mover 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. Easy Mover products are non-polluting, quiet, clean, easy to operate and easy to install. They are useful for handling a variety of objects such as paper rolls, vehicles, aircraft bodies, large steel pipes, cable reels, fixtures, machinery, carts, wagons, etc.



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**cranedge**

upkeep • upgrade • upraise



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## EXPERT SERVICES

With 45 years of experience in the crane industry, we recognise the need for a reliable and efficient aftersales service provider for various material handling equipment. This gave rise to Cranedge - an independent, wholly-owned subsidiary of ElectroMech that caters exclusively to the after-market requirements.

Cranedge, through its services approach, helps its customers avoid breakdowns, ensure high levels of workplace safety, increase productivity and enhance the life of their assets. Annual Maintenance Contracts ensure that the customer's cranes are always available and running in the most efficient manner. On several occasions, refurbishing, relocation and upgradation services of Cranedge have helped companies save substantial costs.

Today, Cranedge has become a benchmark in aftersales services for material handling equipment. Through more than 300 trained specialists, it offers services for all makes of overhead cranes and other material handling equipment. Cranedge services are relied upon by more than 5000 customers in India, the Middle East, Africa and South East Asia, annually.



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## GLOBAL REACH

At ElectroMech, we firmly believe that a leader knows no limits. With our 'solutions approach', high quality and reliable services, we now have our equipment in more than 60 countries in a very short span. We serve a large customer base across the world through our subsidiary companies, offices, representatives and solutions partners in 16 countries. At each of these locations, we have people who understand local business dynamics and most importantly, your unique requirements. Our teams are also equipped with all the necessary resources to assure you of dependable service. The solutions based upon this thorough understanding ensure safety, productivity and performance of our equipment for years together.





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



- ElectroMech Factory & Office
- Customers

- Corporate Office
- Branch Offices



## RELATIONSHIPS

A lasting relationship with our clients and partners, based on trust is the prime reason for our success. We have been trained to go the extra mile and ensure that our customers always get the best from what we have to offer - be it a solution or a service.

Each of our team members who comes into contact with customers, makes it a point to thoroughly understand their requirement. Be it the load handling capacity or production target, factory shed constraints or commissioning deadline, every aspect is taken into account, thought over and resolved in the best possible manner. We work with a true 'solutions approach' to every challenge you face and are not just involved in selling a catalogue product.

Our ability to cater to a diverse range of requirements across different industries and in a vast geography truly makes us a powerhouse when it comes to supplying material handling equipment.

**We are truly a One-Stop Shop for your material handling requirements!**



## Material Handling Solutions for

- Aerospace
- Automotive
- Bridges
- Cable Manufacturing
- Cement
- Chemicals
- Cold Storage & Perishables
- Construction
- Construction Equipment
- Container Yards
- Defence
- Electrical
- EPC Contractors
- FMCG
- Food & Beverages
- Galvanising
- General Engineering
- Glass Manufacturing
- Heavy Engineering
- Highways
- Hydro Power
- Infrastructure
- Logistics & Supply
- Manufacturing
- Medical Equipment
- Metro Rails
- Mining
- Mucking
- Nuclear Power
- Oil & Gas
- Paper & Packaging
- Pharmaceuticals
- Plastics
- Polyfilms
- Ports
- Precast
- Processing
- Railways
- Shipyards
- Steel / Metals
- Supply Chain Management
- Thermal Power
- Tunnel / Shaft
- Tyres & Tubes
- Warehousing
- Waste-to-Energy
- White Goods
- Wind Energy



## ElectroMech

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*Corporate Office & Plant*

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*Manufacturing Facilities & Offices*



India



Indonesia



Saudi Arabia



UAE



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