



 acecranes.com



Lifting Solutions

From Concept to Commissioning... and Beyond

“While everyone promises to deliver, be the one who delivers on promises”

- Oleg Vishnepolsky

Our Company

From its inception in 2002 in Dubai, Ace Crane Systems has grown dynamically to achieve a significant presence in the overhead crane and hoist market throughout the Middle East.

Our core business is the manufacture, installation and after-care of Overhead Electric Travelling Cranes. Associate companies have been developed to provide high quality and cost-effective services to this industry. These include Ace Engineering and Ace Al Faris, both providing crane girder fabrication facilities, crane assembly and installation expertise. We also provide expertise in crane rail installations, renovation and replacement, to service a growing demand in Middle East for high quality rail installations in Ports, Steel Mills, Aluminium Smelters and Precast Concrete plants.

Our Saudi Arabia operations provides a complete service to the largest crane market in the Middle East from its base in Dammam, including consultation, manufacture, installation, and after-sales service for the complete Product range.

The success of Ace Crane Systems can be attributed to its management team which brings the benefits of long experience in their specific field both in the Middle East and throughout the World. Ace Crane Systems management have been in the overhead crane business for over 30 years and involved in major Projects on all five Continents.

Our strength is our customer – orientated focus. The repetitive business coming from our existing customers – clearly proving they are completely satisfied with the quality and service we provide. Our highly skilled and trained technicians enable us to provide products and services which surpass the most stringent quality standards laid down by many of our Clients.

Our customers include Dubai Aluminium, Qatar Steel, Emirates Aluminium, Alstom, General Electric, Dubai Electricity and Water, Saudi Electric Company and Drydocks World.

Our Group is certified in accordance with ISO 9001:2008



“We are what we repeatedly do. Excellence, therefore, is not an act but a habit.”

- Aristotle

Our Strength

- Extensive experience in overhead crane markets worldwide and crane applications in all industries.
- Innovative and constructive technical consultation and materials handling planning service available in all GCC countries.
- Fast and efficient computerised system for preparation of crane specifications, drawings and quotations.
- Widest range of standard cranes, jib cranes, hoists and light track systems available.
- Design and engineering facility for special crane applications.
- Dedicated crane manufacturing facilities with continuous improvement programme.
- Highly trained after-sales service technicians.
- Expert assistance for radio remote control systems, magnets and crane rail installations.
- Project management and comprehensive document management system for large projects.
- Full technical support from major European crane component suppliers.
- Quality Management certified in accordance with ISO 9001 – 2008.
- Friendly and customer-focused approach with most reputable Companies as proof of excellence.
- Ace Crane Systems have manufactured some of the largest and most complex cranes in the region to the complete satisfaction of the Clients.



Our Services

“A friendship funded on business is better than a business founded on friendship.”

– John D. Rockefeller

❖ **Technical Consultancy:** We offer professional assistance in determining the correct crane design, operating speeds, duty classification and control systems for optimum reliability and best value. We help our customers to realise the key criteria to consider in each application from the outset to maximise reliability and safety and minimise crane downtime. Our guidance can provide savings in steelwork and civil costs and provide greater handling efficiency.

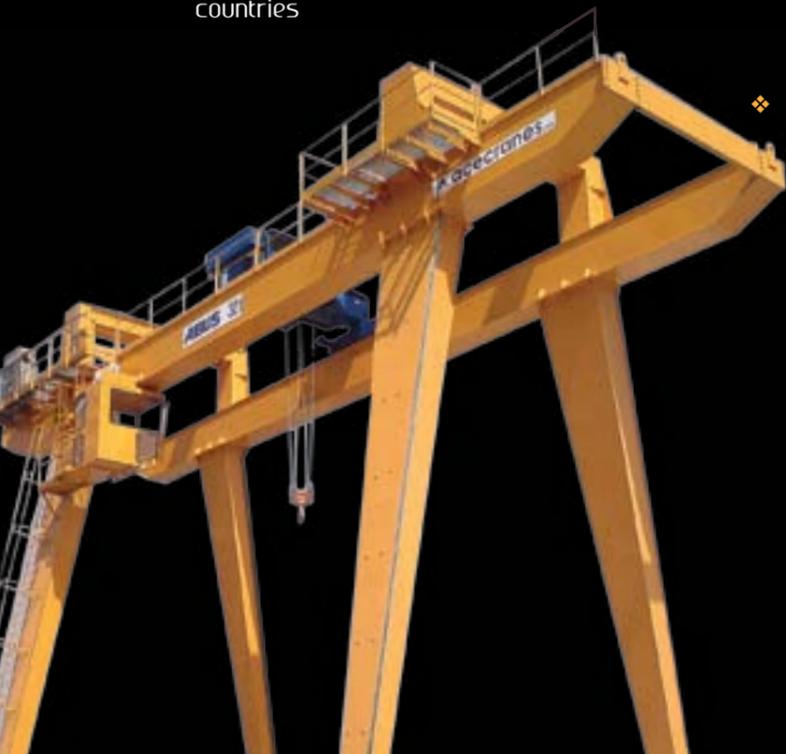


❖ **Crane Manufacture and Assembly:** In-house girder fabrication, shotblasting, painting and crane assembly. Welding procedures, non-destructive testing including radiography and crane functional testing. Our facility is approved by major companies such as Dubai Aluminium, General Electric, Alstom. Our Quality Management System is certified to ISO 9001-2008.



❖ **Site Installation of Cranes:** Experienced and qualified installation engineers provide efficient and safe installation of cranes, power conductor systems and crane rails. Comprehensive Method Statements, risk assessments and lift plans provided. Installation of cranes up to 250 tonnes capacity carried out by our engineers in all GCC countries, Egypt, Nigeria, India and many other countries

❖ **Expertise in Crane Accessories:** Our experienced engineers are familiar with state of the art crane control systems, magnets and grabs. Our strong ties to many major manufacturers enables us to provide advice on best practices for safety and operational benefits at optimum cost. Incorporating these accessories at the time of crane design ensures functional reliability and reduces overall costs.



“The statement ‘Think outside the box’ does not constitute the permission to leave it.”

– The Covert Comic

❖ **After-sales Service and Maintenance:** Our highly trained service organisation provides emergency breakdown cover, routine service and Annual Preventative Maintenance Service throughout the region at competitive rates. Specialists are available to provide breakdown cover and repair for radio control systems, electronic crane control systems and crane rails.



❖ **Crane Modifications and Conversions:** Where existing cranes are to be re-used in another location or due to change in the crane application, we can provide the consultation, design and execution of crane modifications. These include increased lifting capacities, changes in structural dimensions, modernisation of control systems, conversion to radio remote control and replacement of obsolete components. The works can be done at clients site or in our factory.

❖ **Cranes for Special Applications:** Complete design, manufacture and installation of engineered cranes custom built for applications such as Steel Mills, Precast Concrete Plants, Rebar Factories, Turbine Halls and Tunnelling sites where more arduous conditions prevail and more robust and heavy duty cranes are necessary. Special hoists available with longer hook paths and fast hoisting speeds where cycle times need to be minimised.



❖ **Rail alignment and Crane Geometry Surveys:** When excessive crane wheel or rail wear is observed, or following an incident with the cranes, we can carry out accurate and thorough surveys and inspections of cranes and rails. Detailed reports supported by recorded data and photographs will be provided and recommendations of actions required based upon our findings and our experience.

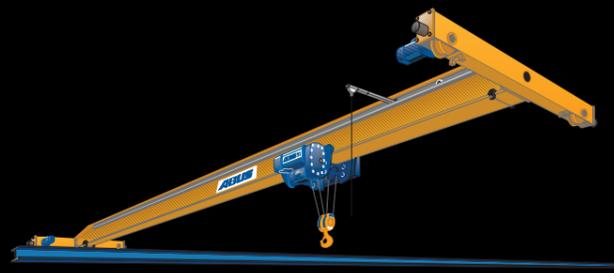


“A plan is a compass. It always tells you where to go next.”

– Oleg Vishnepolsky

Our Products

Ace Crane systems are the Middle East Representatives for ABUS Kransysteme, the leading German crane and hoist manufacturer. Their wide range of standard cranes and hoists up to 120t capacity and spans up to 40m, offers a cost-effective high quality solution in most applications. When solutions are required outside their range we source components from other major European crane manufacturers



- ❖ **Single Girder ABUS ELK Overhead Cranes - Capacity to 20 tonnes and span to 30m:** Compact dimensions, light weight and with a variety of girder connection versions for a space-saving configuration and optimised highest hook position which can reduce the cost of new buildings. Girders can be specially designed to follow the profile of building steel frames.

- ❖ **Double Girder ABUS ZLK Overhead Cranes - Capacity to 120t and spans to 42m:** Combined with ABUS low headroom hoisting trolleys, ZLK cranes provide maximum hook height in any building design. Computer-optimised girder and end carriage sections provide high performance and low weight benefits. A wide range of additional options are available including maintenance platforms, auxiliary hoists and higher crane speeds.



- ❖ **Single Girder ABUS EDK Underlung Cranes - Capacity to 10t and spans to 25m:** Designed to run on tracks mounted directly to the building roof, the EDK can make full use of the space available. Cantilevers at each end can provide minimum side hook approach dimensions as it removes the need for free-standing structural columns.



- ❖ **Jib Cranes - Capacity to 6.3t and outreach to 10m**

Stewing jib cranes are ideal for load handling at work stations and localized operations within a larger facility. Either mounted on their own pillar or on wall or columns, ABUS jib cranes make load handling easier, safer and more efficient.



“Tomorrow is two days late for yesterday’s work.”

– Unknown



- ❖ **Process Cranes for Intensive Applications:** Cranes can be designed for specific industries taking account of process cycle times, load dimensions and specific hoisting requirements such as handling hollow core slabs, aluminium billets and bundles of steel pipes or bars. Designs include tandem hooks from single barrel or twin hoists, automated control systems and automatic positioning.

- ❖ **Engineered Cranes for special Applications:** Utilising open barrel hoist technology, cranes can be designed for the most arduous duties and environments including Steel Mills, Aluminium Smelters, Foundries and Power stations. Fast operating speeds, long hook paths and heavy duty classifications can all be achieved. Additional features such as overspeed protection, load weighing systems and operators cabins can be incorporated.



- ❖ **Rail mounted Gantry and Semi-gantry cranes:** Range and features generally as for overhead cranes but cost-effective solution for Stockyards, outdoor plant maintenance and outdoor working areas. Our range includes semi-goliaths designed to run on finished floor without the need for any rails. Motorised Cable reeling drums fitted for power supply to maintain clear access in to the crane coverage area.



Light track systems and Hoists

“Always listen to experts. They’ ll tell you what can’t be done and why. Then do it.”

– Robert Heinlein

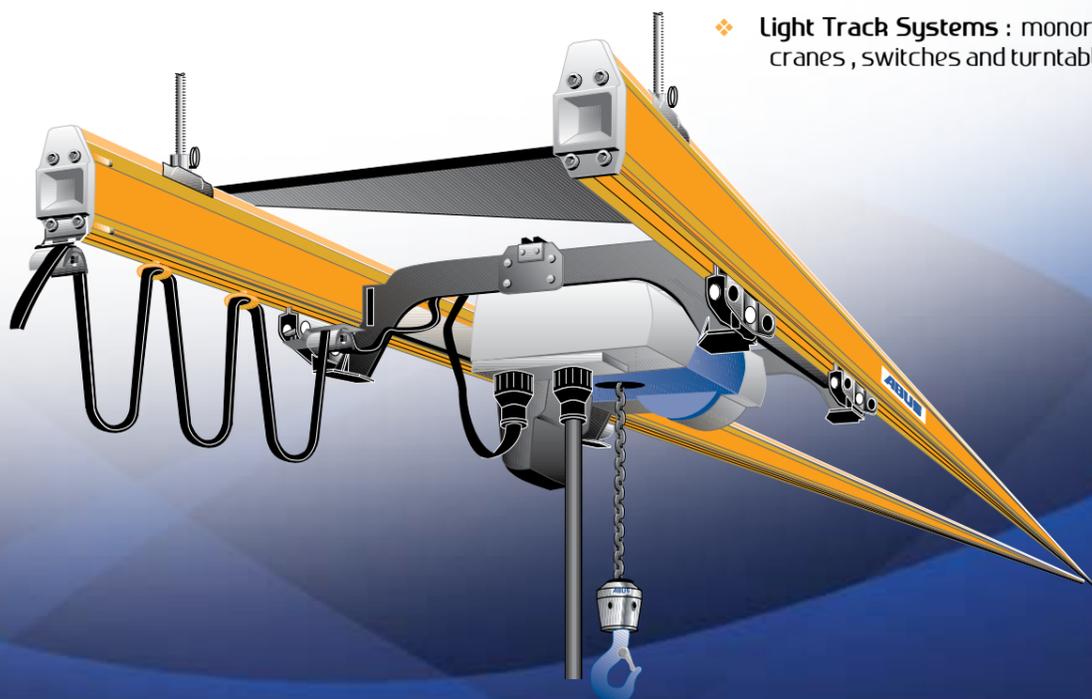


In many manufacturing and assembly facilities, overhead cranes need complementary materials handling to serve local areas such as machining centres, cutting machines, ancillary loading bays and storage areas. Ace Crane Systems offer the supply and installation of light cranes, monorail hoists, jib cranes, etc.

For special applications outside this range, Ace Crane Systems can provide winches, heavy duty chain hoists and larger jib cranes supported by reputable European suppliers.

Our Sales Engineers can provide useful assistance in preparing complete Materials Handling schemes to suit our clients production requirements.

- ❖ Electric Wire rope Hoists
- ❖ Electric Chain Hoists
- ❖ Light Track Systems : monorails , suspension cranes , switches and turntables.



Accessories

“Wherever you see a successful business, someone once made a courageous decision.”

– Peter Drucker



- ❖ **Crane Rails and fixings:** We can provide expertise in second-to-none in Installation, replacement and repairs of crane rails for all industries.

- ❖ **Radio remote control systems:** Ace Crane are sales and service representatives for Hetronic Radio Controls, one of the worlds largest manufacturers of radio control systems.



- ❖ **Winches:** A full range of electric and electro-hydraulic winches are available for all kinds of lifting and pulling operations. Explosion-proof winches are available for hazardous areas.

- ❖ **Power supply systems:** High quality systems from major European suppliers available ex-stock from all our depots. Products include cable trolley systems, insulated conductors and cable reeling drums for all applications indoor and outdoor.

- ❖ **Magnets:** Through our association with Lifton Magnets of Singapore we can advise and provide on magnets for all steel handling applications with a range from 300kg plate handling magnets up to large slab handling systems.





Agencies

We are representatives for the following brands of Crane / Lifting equipments and accessories for the UAE / ME region. Our relation with these suppliers is built over years of association as these companies are well established for many years for reputable and reliable products.

Abus Kransysteme
Germany



Electrical Overhead Cranes, Jib Cranes, Special purpose light duty cranes, Wire Rope Hoists & Chain Hoists.

GIS AG
Switzerland



Electric Chain Hoists, Jib Cranes and Light material handling Cranes systems

HETRONIC
Germany



Radio remote control systems for construction, industrial & commercial equipment.

Treuil HUCHEZ
France



Pulling & Lifting winches
Telescopic gantry cranes

MOBILIS - FELS
France



Power conductor systems.

LIFTON MAGNETS
Singapore



Electromagnets & Electro Permanent magnets for handling all shapes & sizes of steel.



“It is not the employer who pays wages. He only handles money. It is the product that pays wages.”

– Henry Ford

Clients

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|-------------------------------------|----------------------|
| Dubai Aluminium. | Arabian BEMCO - KSA |
| DUCAB | Drydocks World |
| Emirates Aluminium | Al Rajhi Steel |
| General Electric | Al Ittefaque Steel |
| DEWA | Corus Middle East |
| Ministry of Defence | Arc International |
| ADWEA | Arabtech |
| Alstom Energy | Concretech |
| Emirates Steel Industries | JT Metro |
| Alfanar Group - KSA | Qatar Steel |
| Saudi Electricity Corporation (SEC) | SMS Meer |
| Khansaheb | Danieli - Italy |
| Al Shafar Steel and Engineering | FISIA - Italy |
| Amana | FATA - Italy |
| Cummins | Gulf Eternit |
| Al Naboodah Engineering | Schlumberger |
| Oman Petroleum Company | Emirates Engineering |



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