



**Alshees Electromechanical
Works Contracting Co. LLC**



COMPANY PROFILE



CONTACT US

E-MAIL: info@alsheeselectromech.com

Website: www.alsheeselectromech.com

Landline: +971 43325659

Call/ WhatsApp: +971 524116136

Address: Nasser Lootah Building, Office#42, Airport road
Al Garhoud, Dubai – United Arab Emirates

CRANE SALE | CRANE MODERNIZATION | CRANE SERVICE | SPARE PARTS



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CRANE SALE | CRANE MODERNIZATION | CRANE SERVICE | SPARE PARTS



WELCOME TO ALSHEES ELECTROMECHANICAL WORKS CONTRACTING CO. LLC.

ABOUT US

We are known as Crane Company, specially known for supply of cranes and provide maintenance services and supply of spare parts for all brands cranes. We offer various type of industrial cranes such as overhead crane, gantry crane, jib crane, monorail crane, ex-proof crane, and lifting gears, etc., full versatile service to our clients, who require quality services and we do refurbishment and repair of complete cranes and painting etc.

To provide utmost satisfaction to the customers through our prompt sales services, ensured timely delivery and adhere to the deadlines as given by the customers.



03

We supply market-leading & industry-proven cranes and hoists.

OUR APPROACH

We approach our every project with great sense and creativity and ensuring to meet the needs of our customers. We guarantee your crane are working safely and can significantly extend their lifespan. Our service technicians are capable to do major repair, refurbishment, maintenance, new cranes installation and commissioning for all types of EOT cranes, Gantry crane, jib crane and monorail crane etc.

OBJECTIVE: Our objective is to improve the safety, productivity, and sustainability of our client's operations. Our well-experienced and trained service team with qualified service engineers will thoroughly inspect the crane and assess any problem areas for each crane. The crane inspection is done as per crane manufacturers / clients recommendations.

We take care of your material lifting requirements like cranes or its service/maintenance so that you can take care of your business!

INDUSTRIAL CRANES:

Our experienced and professional team utilizes the latest technology to develop solutions for lifting and handling materials in various applications. Throughout the years, we have successfully served a multitude of clients, including small independent businesses as well as large multinational organizations. Our commitment to delivering high-quality, safe, and reliable cranes and services sets us apart from our competitors.



WHAT WE DO

INDUSTRIAL CRANES

SINGLE GIRDER CRANE



A single-girder crane is more compact and lighter than a double-girder crane, which makes it a preferred choice for facilities where headroom and floor space is limited. as one of the leading supplier of single girder EOT cranes, we specialize in designing cranes with convenience and safety in mind. Our cranes are offered in standard configurations as well as custom-built specifications. The size and load-bearing capacity can be adapted to the specific lifting requirements of our customers.



DOUBLE GIRDER CRANE

Double girder cranes are a top running crane will provide the most overhead room, as well as the greatest hook height. we supply standard and customized cranes to meet the clients requirement, designed specifically for steel Industries, Power Plant, waste to energy plant, for the extreme environment of dust and hot metal shop. Therefore, we include features such as increased working coefficients, a differential gear reducer, and redundancy in all critical systems, a backup brake on the rope drum, and motion limiters making the crane and application safe and reliable.

JIB CRANE

WALL MOUNTED JIB CRANE:

We supply and install wall mounted jib cranes are customized solutions for any unique application, these types of cranes are ideal for workstation applications and are mostly mounted on columns made of steel. A special design is required to mount them on RCC columns. Column-mounted Jib cranes are used when no appropriate support is available near a workstation. On the other hand, wall-mounted Jib cranes are ideal for workstations situated near walls or vertical structures.



PILLER MOUNTED JIB CRANE



Jib cranes for a single workstation or group of workstations allow efficient material handling by reducing waiting time for an overhead crane. Column pillar mounted Jib cranes are necessary when no other appropriate support near a workstation is available. They are very low-maintenance and are known for facilitating seamless operations, smooth and high-speed assembly lines. A Jib crane can rotate in 360-degree motion which makes circular movements of bulky loads easier, quicker and more efficient, Jib crane mostly has an arm with a hoist that is used for lifting heavy objects. They are effective for loading and unloading work pieces or machine tools or trucks designs and manufactures jib cranes to suit specific requirements, handling loads up to 6.3t, precisely and effortlessly.

GANTRY CRANE



Gantry Cranes are known for their versatility, simplicity, usability and cost effectiveness. Although ideal for lighter or heavy load applications, Gantry Cranes are extensively used in steelyards, mining maintenance, and minor construction projects because of their unique design. Moreover, the compact design and hoist enable maximum utilization of your shop floor space and are easily adaptable indoors and outdoors.

Cranes are designed and engineered to assist with a wide range of lifting and moving applications, eventually adding to your operational productivity and success. Equipped with range of hoists and components, they prove to be reliable solution for various industries, serving multiple applications in diverse operating conditions. They also come with a wide range of safety enhancers and control features specific to a particular application and environment.

CRANES

SERVICES & MAINTENANCE:

- ❖ Annual Maintenance Services (AMC), Troubleshooting, Refurbishment, Breakdown Services Preventive & Predictive Maintenance of cranes.
- ❖ Preventive and corrective maintenance of various type of EOT Crane, Gantry crane, Jib crane, monorail and ex-proof cranes for liking operation.
- ❖ Crane Installation and Commissioning, Work begins with the customer's and ends with complete Customer satisfactions.
- ❖ Cranes third party load test and certifications, experienced specialists will inspect and certify the Cranes According to relevant standers and local regulations.
- ❖ Long travel rails refurbishment and alignment to provide an extremely geometric analysis of cranes, Which will beneficial to prevent wheel wear, rail wear, structural components failures or drive faults.



ELECTRICAL PANEL DESIGNING

We design and supply customized crane control panel to our clients with advanced technology, which comes with box type construction for bridge girders. also ensures smooth flow of stresses, for the diverse requirements of our clients, our offered control panel is manufactured with high technical aspects using optimum grade electrical material and latest technology in accordance with quality standards. We also do complete refurbishment of control panel and up gradation based on customer requirement which suits for equipment easy operational requirement.



CRANE REFURBISHMENT

We do complete Crane refurbishment involves getting your crane to the workshop, where the crane's lifting mechanism is removed, inspected, repaired, or replaced as necessary, then re-fitted. During the process, your crane will be reinspected by engineers, who will ensure it is safe for use. Your crane can then be returned, fully refurbished, and certified. Also we do crane modernization work that can be undertaken to give your existing lifting systems a new extended life. This is often a more cost-effective for businesses to meet goals compared to ordering a brand new crane. We offer complete crane electrical and mechanical refurbishment and modernization support for cranes including overhead crane, Gantry crane, Jib crane, and monorail crane, etc.



LOAD TESTING & CERTIFICATION



The Crane Load Test and Certification is a very important part of the crane industry. Crane load test is performed by applying load on crane. As per design of crane, it should be able to bear the load applied during load test. This load test is performed by qualified experienced personnel. Crane load test is performed to ensure safety of crane structures and to ensure crane components are functioning properly. Alshees Electromechanical provides third party load test and certification of various capacities of cranes through authorized agency. The purpose of load test is to comply with local regulations and international BS standards to verify the design of the crane structure and to ensure all components are functioning in safe minor.

CRANE WHEEL SUPPLY REPLACEMENT



Overhead crane wheels are the most important parts in crane traveling system which is also the most vulnerable crane parts due to the friction between Overhead crane wheels and rail. Therefore, the Overhead crane wheels should be replaced when the flange wear, flange breakage and fatigue pitting happened. Alshees Electromechanical can inspect your entire crane condition to determine the root cause of wheels damage with specialized team to fix the wheels miss-alignment issues to ensure the smooth operation of the cranes.

CRANE RAIL ALIGNMENT SURVEY & RECTIFICATION



Crane travelling rails misalignment can result in excessive stress to the runway beams and supporting structure. Most commonly, it causes extensive wheel wear, bearings failure and puts unnecessary strain on motor drives and other equipment. Our competent teams inspect and verify the rail alignment/mounting arrangement condition and ensure proper rails alignment within allowable tolerance as per relevant standards to enhance the reliability and stability of the cranes.

CRANE INSTALLATION & COMMISSIONING

Crane installation and commissioning services is one of our important after sale services which will help our clients to install the overhead crane, gantry crane, jib cranes and various process designed industrial cranes correctly and safely to ensure the optimal overhead crane operation and efficiency to make the best value out of our clients investment. With expertise and experiences in overhead travelling crane installation & erection, we can efficiently install the cranes on seclude based on your plan and then all machine commissioning will be conducted to provide you with testing data reports of installation and operation. What's more, professional crane training in terms of crane operation and crane maintenance are also provided. Crane installation and commissioning services include:

- ❖ Overhead travelling crane installation
- ❖ Gantry crane installation
- ❖ Slewing jib crane installation
- ❖ Designed industrial crane installation
- ❖ Surface preparation and painting of crane and supporting structures

SPARE PARTS



WIRE ROPE HOIST



ELECTRIC CHAIN



HOOK BLOCK



END CARRIAGE



CRANE MOTOR



ELECTRO MEGNATIC BRAKE



THRUSTER BRAKE



WHEEL BLOCK



WIRE ROPE



ROPE GUIDE



CRANE LOAD LIMITER



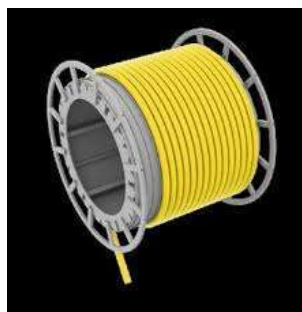
CRANE RAIL CLIPS



REMOTE CONTROL



PENDANT STATION



SEMOFLEX CABLE



FESTOON SYSTEM



BUSBAR & CURRENT COLLECTOR



INVERTOR

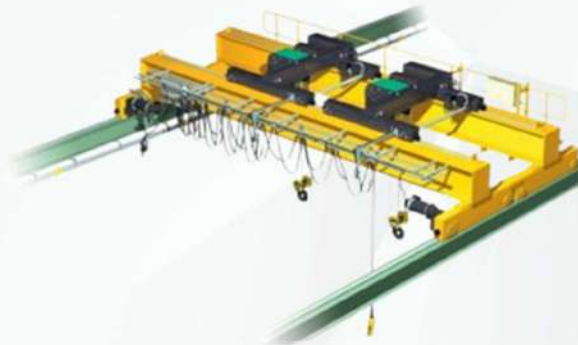


PHOTO SENSORS



LIMIT SWITCHES

CRANES & HOISTS



CRANES & HOISTS



CONTACT US



Address:

Alshees Electromechanical LLC
Post Box No. 35505
Nasser Lootah Building, Office#42
Airport road, Al Garhoud, Dubai
United Arab Emirates



Phone No:

Office +971 43325659
Mobile +971 524116136