

our *profile*

The Crane Control Specialists



Simply **Reliable**



MH

hello



We are MH Automation International and we specialise in electrical control system design and manufacture for heavy industry.

For more than twenty years we have been providing our customers with highly functional, yet robust and reliable control systems.

We have earned our solid reputation by recognising that our client's requirements are as varied as they are valued, so we ensure that our customers' systems are tailored to suit their individual needs.

User friendly, effective and robust electrical control systems designed for use in the most demanding environments, all supported by competent and dedicated service.

Hello. we are MH Automation International.





history

After over 65 years of research by its founder members in South Africa, MHAI registered in England and Wales in February 1994.

Since the formation of the company, thousands of THYROMAT systems have been supplied and installed in areas where robust reliability and continuous production are critical to achieving sustained and long term profit.

The product range has expanded to include the latest digital motor control technology in the form of AC and DC solid-state convertor technology. The drives that we utilise have been applied in a wide variety of applications and have been notably successful in the control of all crane motions.

MHAI has further developed its engineering base to include a highly competent PLC, SCADA and automation component. We now have the experience to provide reliable and cost effective solutions in the automation field.



refurbishment

Great improvements in crane safety, performance and reliability have been achieved through replacement and upgrading of the electrical control systems.

There are numerous benefits in upgrading to a modern control system. Increased reliability, elimination of electrical maintenance activities and improvement in mechanical performance to mention just a few.

Extended life has been achieved for existing high cost capital equipment by economical investment in new control systems. MHAI is particularly active in this refurbishment and modernisation sector.



MHAI specialises in applying modern drive and control technology to a variety of crane applications. We have commissioned projects on the following crane types:

Ports

Container Cranes
Bulk Handling Cranes
Rail Mounted Gantry
Shipyard Cranes
Dockside Cranes
Basin Gates
Swing Bridges
Floating Cranes

Steel Industry

Ladle Cranes
Scrap Handling Cranes
Billet/Slab Cranes
Tundish Cranes
Plate Handling Cranes
Ore Unloaders

Other Industries

Warehouse Cranes
Cement
Waste
Paper Mill Cranes
Aluminium Smelters
Turbine Hall Cranes

MHAI activities

- Full system design and drawing capability (using E-Plan/Autocad)
- Manufacture and assembly of control systems on chassis plates and mounted within cubicles
- PLC installation, commissioning and testing
- Remote Crane Management and Diagnostics
- Orientation and Training of customer engineers and technical support
- Feasibility studies and condition reporting surveys
- Full 24 hour technical and service back-up

Contacts

Physical Address

MH Automation International Ltd
14 Swift Business Centre
Keen Road, Cardiff
CF24 5JR
United Kingdom

Telephone Number: +44 2920 253300

Fax Number: +44 2920 253303

Email Address: mail@mhai.co.uk

www.mhai.co.uk

Postal Address

MH Automation International Ltd
14 Swift Business Centre
Keen Road, Cardiff
CF24 5JR
United Kingdom

Where you can find us...



United Kingdom



mhai.co.uk

South Africa



mhautomation.co.za

China



mhdl.com.cn