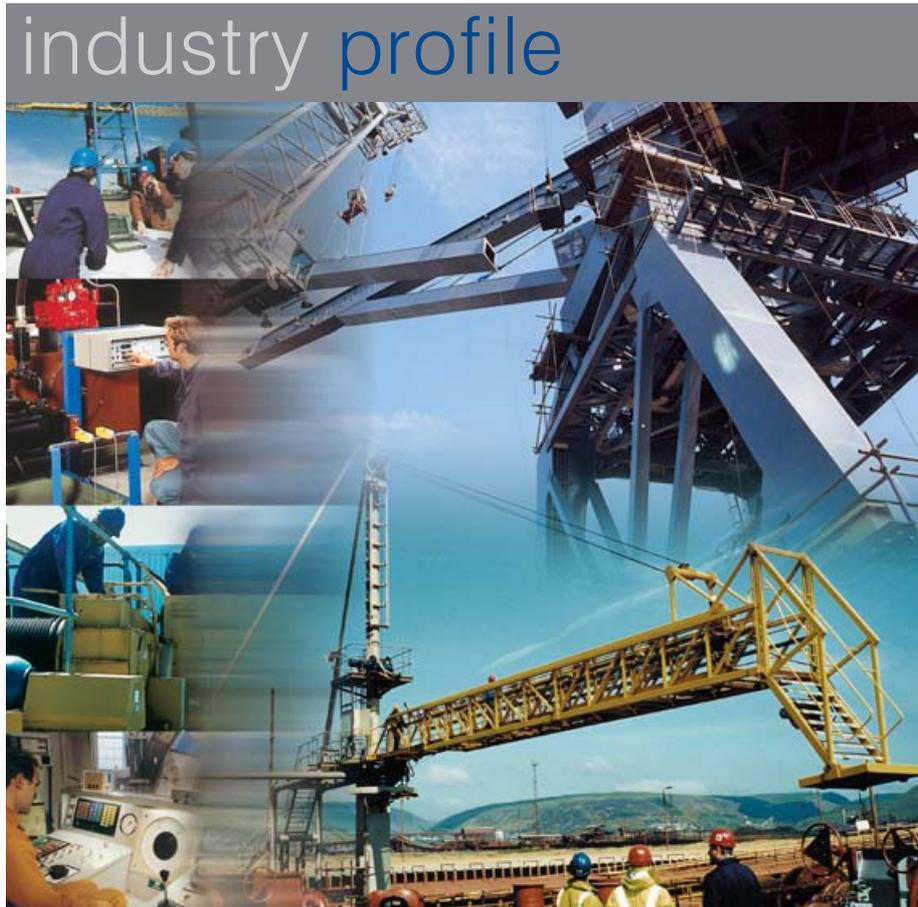


services to industry profile



cranes and materials handling equipment
manufacture, refurbishment and relocation

about...

Expertise recognised throughout industry...

Famous Clarke Chapman brands

Clyde Booth

Cowans Boyd

Cowans Sheldon

John Boyd

Joseph Booth

NEI Cranes

NEI Favco

RB Cranes

Sir William Arrol

Stothert & Pitt

Wellman Booth

Clarke Chapman Services is a division of The Clarke Chapman Group Ltd., a subsidiary of Langley Holdings plc., a privately controlled UK engineering group with regional offices in the Americas, Europe, China and the Far East.

All around the world, cranes and materials handling equipment manufactured and supplied by the Clarke Chapman group of companies are in daily operation - in ports, steel works, power stations and freight terminals.

Wherever they are in action, these pieces of machinery are a vital link in the never-ending movement of raw materials and goods generated by today's global economy.

Supporting them, and other manufacturers' equipment, is Clarke Chapman Services, which has a wealth and breadth of experience in the installation, repair, refurbishment and relocation of major plant.



Unsurpassed Reputation...

Whether it is extending the operational life of an overhead gantry crane, relocating ladle transfer cars in a steel works, or repairing a quayside crane damaged by a docking ship, Clarke Chapman Services' renowned expertise ensures that the lift goes on.

In the steel industry, our multi-discipline skills have enabled us to successfully project manage life extension programmes on Wellman Booth ladle cranes supplied more than 30 years ago, while South African Port Authority, Portnet, has regularly used Clarke Chapman Services' skills for upgrading its fleet of container gantry cranes without resorting to large capital investments.

Services

- Crane design, manufacture & installation
- Upgrade/Refurbishment
- Relocation
- Repairs
- Conversions
- Accident recovery & repair
- Operators cabins - new & refurbishment
- Electrical design, manufacture & installation
- Service maintenance contracts
- Span changes to dockside and overhead cranes
- Surveys, advice and consultancy
- Invertor drive technical support
- Spare parts
- Facilities management



Welsh Water: Removal of two manually operated cranes and design, manufacture and installation of two 8 ton electric overhead cranes in hydro power station



Relocation of a dockside crane using the "Asian Hercules II" on the River Tyne. Client A&P Tyne

Lifting the load...



Port Talbot access gangway



The design, manufacture and installation of a special purpose semi automatic concrete delivery crane.

manufacture & installation...

'...one-off components to complete crane systems are designed, built and tested before being installed...'

For more than 100 years, we have been manufacturing cranes and other materials handling equipment to the highest specifications.

That tradition is maintained today due to continuing investment in state-of-the-art manufacturing technology at the Langley Group's extensive manufacturing sites in the Midlands, North East of England and Hamburg, Germany.

Clarke Chapman Services teams work with customers to ensure their equipment is manufactured and

installed to their precise requirements, and that it starts repaying the investment the moment it enters service.

From 40-ton container handling cranes to a motorway bridge maintenance gantry, or electric overhead travelling cranes to specialist access platforms, we possess the specialist skills to deliver safe, versatile materials handling capability wherever it is required.



Manufacture and installation of access platform, Stockport Metropolitan Borough Council



Design, manufacture and installation of 16T electric overhead travelling crane for combined heat and power facility in Derby.



Removal from Marylebone Station, London of a turntable used to turn steam locomotives. Complete rebuild and refurbishment undertaken and was transported to Fort William and installed in new foundation pit. The Turntable was originally built in 1937 by Cowans Sheldon. Heritage funded.

'...existing equipment can be upgraded to do the same job more cost-effectively...'

refurbishment & upgrade...

In today's fast-moving industrial world, demands and technologies are constantly changing - particularly in the infrastructure that supports the global economy. For dock and freight terminal operators, having the right machinery in place to handle vast amounts of goods and raw materials is a key requirement in giving them a competitive edge. Continuing investment in the latest materials handling equipment is an expensive option when existing equipment can be upgraded to do the same job more cost-effectively.

Clarke Chapman Services has a long-established presence in the refurbishment of its and other manufacturers' products, either on site or at one of our factories. Our expertise can ensure existing cranes and other equipment are upgraded to the latest standards to give many more years of reliable operations.

As well as increasing and improving the machinery's lifting capacity, work can involve relocating cranes to a more useful area and upgrading the

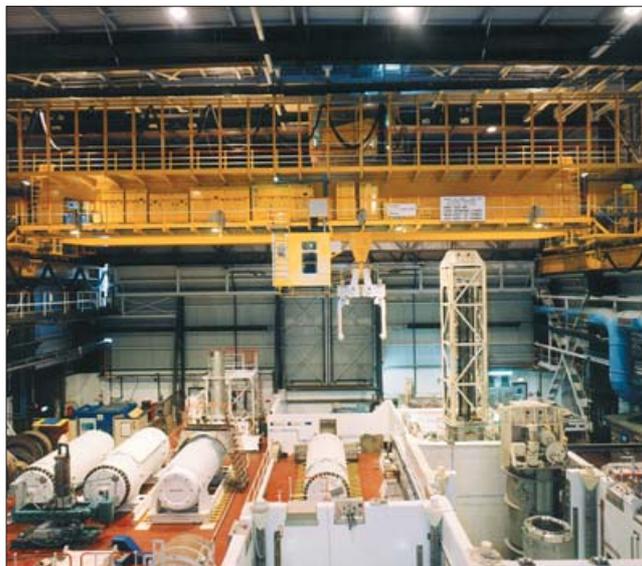
operator's cab to provide substantially better visibility and working environment.



The mechanical/structural refurbishment and complete replacement of the electrical control system of two Stothert & Pitt 10 ton grabbing cranes. New drivers cabins were designed for for all round visibility and driver comfort.



Corus: This overhead crane was dismantled from a redundant steel works, modified to suit new span and relocated and installed at another plant.

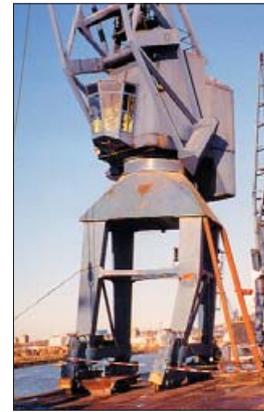


Lifting the load...

'...Clarke Chapman Services offer a 24-hour emergency service...'



Bristol Port Authority: This crane was made safe after being hit by a ship and landing on the adjacent hopper and quayside crane.



Manufacture and install a new portal legs assembly to 10 ton DD2 quayside crane after the crane had been damaged.

relocation, accident salvage and repair



Corus: Relocation and modification of five ladle transfer cars.

Even in the highly safety-conscious world of materials handling, accidents can happen. Manoeuvring vast freight-carrying ships alongside dockside cranes for loading and unloading leaves tiny margins of error - particularly when such delicate operations are further hampered by storms and strong winds. Even a barely perceptible collision between a container ship and a crane can cause immense structural damage to the latter, resulting in costly down time in addition to imposing a considerable health and safety risk.

Clarke Chapman Services teams can be called upon at short notice - we provide a 24-hour emergency service -

initially to make safe damaged equipment before embarking on a full structural repair with minimum disruption or delay to ongoing operations.

This often involves utilising specialist equipment. For instance, when a 1,500 ton-per-hour Cowans Boyd coal unloader was damaged by heavy winds at Powergen's Liverpool coal terminal, Clarke Chapman Services brought in three large floating cranes to move the unloader to a non-operational area before undertaking repair work.



Powergen, Liverpool: The re-instatement of a 1500 ton per hour Cowans Boyd Coal Unloader that was severely damaged.



Ford Motors: To dismantle and modify span and relocate within the factory, two 20 ton electric overhead travelling cranes.



The installation of a replacement slew ring on a Butterley quayside crane carried out by using the largest telescopic mobile crane in the UK.



Freightliner: Dismantling 2 Goliath cranes in Stratford, London and transferring to Freightliner Depot, Southampton.

'...robust, high-integrity electrical control systems to cope with demanding environments...'

electrical control systems

The intelligence at the heart of any modern crane system is its electrical control system, which governs its safe, reliable operation day in day out.

Over the years, Clarke Chapman Services has developed specialist expertise in the design and installation of these increasingly complex systems that control every element of a crane's activity.

In steel and concrete works and freight terminals, electric overhead travelling cranes are in virtually constant use, calling for robust, high-integrity electrical control systems to cope with this demanding environment.

In quayside and container goliath cranes,

the array of manoeuvres in loading and unloading cargo places similar demands on the machinery's electronic brains.

As well as installing state-of-the-art control systems in new equipment, Clarke Chapman Services can incorporate the technology in machinery as part of a full upgrade and refurbishment services, ensuring the crane is more than a match for the increased demands placed on it.

When Stothert & Pitt quayside cranes required electrical upgrading at ABP Swansea, the work included the replacement of a DC hoist motor and control system with a modern AC inverter drive system.



Control system design and manufacture



Refurbishment of thirty Stothert & Pitt quayside cranes throughout the London Docks Complex.



Electrical installation.

a company to rely upon...



Facilities Management

Maintenance often goes unnoticed unless it is poorly performed and creates failures. We will take care of your maintenance requirements to reduce your operating and repair costs, and increase equipment availability and reliability

Spares

The safety, availability and reliability of equipment are dependant on fitting the right parts immediately. We can advise on the best part available today, saving the customer time and trouble..

- Right spare first time
- Prompt delivery
- Competitive prices



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