



Profile

Lifting the Load

about

All-encompassing lifting products and services for industry worldwide

Founded in 1864, the Clarke Chapman Group specialises in materials handling equipment, providing manufacturing, consultancy and support services to a wide range of industry sectors across the globe.

The group comprises a number of divisions, all well-established names in their respective sectors. Our headquarters are in Gateshead in the North East of England, on a 3.6 hectare site, which also serves as a manufacturing, assembly and test facility for the group.

In 2000 Clarke Chapman was acquired by Langley Holdings plc, a diverse, privately owned engineering group based in the UK with principal operating divisions in Germany, France and the UK and more than 70 subsidiaries worldwide



Clarke Chapman group headquarters, Gateshead, Tyne & Wear, England.

the divisions

Clarke Chapman Services offer an all-encompassing suite of support, installation, repair and refurbishment services, while **Clarke Chapman Facilities Management** provides bespoke facilities management enabling customers to concentrate on their core business. We are widely known for our 'can-

do' attitude and you can be secure in the knowledge that no matter what the task – relocating ladle transfer cars in a steelworks, extending the operational life of a gantry crane or repairing a quayside crane damaged by a docking ship – the lift will go on.



WELLMAN BOOTH

Established in 1833, Wellman Booth has a reputation for excellence in the overhead travelling crane technology used in various sectors including the power and steel industries.



Stothert & Pitt

Experts in dockside and offshore crane technology since 1785 and with many hundreds of cranes still in operation today, we provide consultancy services, retrofits and refurbishment as well as supplying OEM parts.



COWANS SHELTON

Founded in 1866, Cowans Sheldon has an unrivalled heritage in railway lifting technology. Today, our expertise focuses on design, consultancy and refurbishment solutions.



Mackley Pumps

Since 1910, Mackley Pumps has been manufacturing and consulting on industrial pumping solutions across a wide range of high-pressure and harsh environment applications.

the divisions



Specialists since 1833 in the design and manufacture of bespoke mechanical handling equipment.



Wellman Booth nuclear fuel and waste handling.

For severe process crane technology in hostile and exacting environments, Wellman Booth is a leader in overhead travelling cranes. Our high integrity cranes are used in power stations, ports, fuel reprocessing plants, aluminium plants, steelworks and nuclear facilities.

Steel

Wellman Booth is one of the foremost suppliers of continuous cycle heavy-duty severe process and general purpose cranes for steelworks and associated steel product handling duties. These cranes must have the robustness and reliability to lift huge tonnages of molten steel and transfer them through a multitude of processes safely and efficiently, 24 hours a day, 7 days a week.

Nuclear

Wellman Booth is a respected supplier to the nuclear industry having been actively involved in the design, development, manufacture and supply of associated special purpose high integrity cranes over a period of 30 years. Handling highly radioactive nuclear fuels and waste is an area in which Wellman Booth is a leading authority, designing cranes to standards of safety and reliability that are inconceivable in most industries.



Wellman Booth marine application.

Utilising an extensive heritage of design and research in the development of precisely engineered lifting machinery.



Stothert & Pitt

Founded in 1785 by ironmonger George Stothert and recognised as an important industry pioneer, Stothert & Pitt now provides dockside and offshore crane technology services and support.

Ongoing research holds us today in an enviable position for consultancy and refurbishment, not only with the many original Stothert & Pitt cranes still in operation around the world but in dockside and offshore loading technology in general.

When it comes to retrofitting and upgrading existing cranes, we can provide safety protection systems to safeguard cranes against sustained overloading in the event of a tangled hook, for example. The Wave Compensation System helps offshore crane drivers pick the most opportune moment to lift a load from the deck of a supply vessel in rough seas. Ergonomic cabins can be installed, offering the driver good all-round visibility.



Stothert & Pitt dockside technology.



Typical Stothert & Pitt offshore installation.

the divisions



An unrivalled heritage in the provision of Rail Lifting technology.



Cowans Sheldon 140 tonne rail crane.

Since 1866, Cowans Sheldon has been a pioneer of modern railways, designing and producing state of the art multi-tasking cranes and related rail equipment.

Cowans Sheldon long welded rail transportation delivery and recovery systems are widely used in the UK rail industry, delivering 32 CEN60 type rails, 2 simultaneously either

side of the train in lengths of up to 216m in a 3 hour possession period. In areas of heavy wear, the systems are capable of uplifting and transposing rail. Similarly, we can provide systems for the recovery of scrap rail of up to 18m in length along with sleepers, clips and other track debris. We also offer refurbishment and maintenance services.



Cowans Sheldon track laying technology.

A leader in pumping technology since 1910, providing solutions to harsh and critical application environments.

Mackley Pumps

Mackley Pumps is one of the world's most respected suppliers of high-pressure water pumping systems and associated consultancy services. Mackley supply pumping solutions for long-term deployment to a vast range of industries, from mining, water supply and irrigation to oil, gas and chemical process, where the need for high reliability and low maintenance are paramount .

Originally manufacturing positive displacement pumps for de-watering collieries, Mackley soon established itself as a respected manufacturer of quality engineered centrifugal pumps. Today we manufacture and supply an ever-growing range of fluid handling equipment to industry across the globe, from individual bare-shaft pumps to the turnkey bespoke pumping systems.



Mackley Pumps workshop.



Potable Water Pump.

refurbishment & service

A suite of services to keep industry moving.



Cabin refurbishment.

All around the world, cranes and materials handling equipment manufactured and supplied by the Clarke Chapman Group are in daily operation. Supporting them, as well as other manufacturer's equipment, is Clarke Chapman Services, bringing a wealth of experience to the installation, relocation, repair and refurbishment of major plant.

Relocation, accident salvage and repair

Even in the highly safety-conscious world of materials handling, accidents sometimes happen. Manoeuvring vast freight-carrying ships alongside dockside cranes for loading leaves tiny margins for 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 imposing costly down time and considerable health and safety risks. Our 24-hour emergency services deploy teams at short notice to make damaged equipment safe and then embark on full structural repairs with minimal disruption to ongoing operations.

Electrical control systems

The intelligence at the heart of any modern crane is its electrical control system. We have the expertise in the complex systems that control every element of a crane's activity.



Onsite electrical control system installation.



Wellman Booth 480 tonne crane main trolley unit upgrade.

CLARKE CHAPMAN
services

facilities management

Outsourced maintenance solutions to help lift the load.

With customers' requirements often changing quickly, facilities management providers must be quick to react. We can provide a range of skills that can be rapidly adapted to the requirements of any particular business

or industry. Clarke Chapman Facilities Management provides a full electrical safety package, including testing, inspecting all fixed wiring installations, portable appliances, emergency lighting and fire alarms.

By trusting maintenance to Clarke Chapman, you can concentrate on running your core business.

Clarke Chapman Facilities Management supports the UK railway industry.



Clarke Chapman Facilities Management has the skills to service a wide range of applications.

CLARKE CHAPMAN
facilities
management

Clarke Chapman Facilities Management at MOD dockside facility.

manufacturing resources

We have been manufacturing the highest specification cranes and materials handling equipment for over a century.

A multi-disciplined
manufacturing, assembly
and test facility

The Clarke Chapman tradition of excellence continues today, through the continued investment in state-of-the-art machinery installed in our Gateshead works.

As well as manufacturing our own products, we have built an enviable reputation in build-

to-print and sub-contracting services with many clients in the renewable energy, steel, military, marine, nuclear power and waste handling sectors. While offering a bespoke manufacturing resource, we also provide upgrade and refurbishment services to clients' existing equipment.

Clarke Chapman assembly hall.



Clarke Chapman machine shop.



Clarke Chapman assembly and test bay.

Sub-contract machining

The Clarke Chapman machine shop facility is used by a large number of local and national companies across the entire industry spectrum, from nuclear, oil & gas and defence to marine, power generation and electrical engineering. The machine shop is a modern building offering excellent height and lifting capacity. The range of machinery, is extensive and many are CNC controlled. Subcontracting companies can also draw upon the many additional resources we offer within the group.

Skills and resources

Clarke Chapman Manufacturing has the multidisciplinary workforce (mechanical, electrical, hydraulic, pneumatic) to provide all the skills and expertise required for structural assembly. When required, we can also call upon our sister companies within the Langley Holdings organisation to provide additional resources in design and contracting. Flexibility, resourcefulness and vast experience are just some of the reasons why we have proved to be a vital partner for many companies in a diverse range of industries.



5-axis CNC mill-turn machine.



Clarke Chapman Heller 5-axis machining centre.



Rope Drum.



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