

## Bespoke engineering solutions that work for your business.

Founded in 1864, the Clarke Chapman Group Ltd has successfully implemented high integrity cranes and mechanical handling solutions at the majority of the UK's Nuclear licensed sites, including Sellafield Ltd, Torness, Dounreay, Sizewell B, Heysham 1 & 2, Hartlepool and many others. We have also engineered schemes for numerous clients such as BAE Systems Ltd, HMNB Clyde, RNAD Coulport and Devonport, all staff at our Leeds based design office have SC clearance.



[www.clarkechapman.co.uk](http://www.clarkechapman.co.uk)

# Services available

## design

Conceptual, preliminary and detailed designs covering Mechanical, Electrical, Structural engineering disciplines, seismic qualification, finite element analysis and safety systems to BS EN 61508.

## feasibility study

Initial assessment by our specialist designers to determine the viability for upgrade, enhancement and rehabilitation projects.

## aftermarket spares

We can supply OEM spare parts which include, replacement gear box elements, bearings, runner wheels, ancillary equipment and components.

## manufacturing, assembly & testing

We have been manufacturing the highest specification of cranes and mechanical handling equipment for over a century at our facility in Gateshead, including factory acceptance testing, high level - full load testing and system integration testing. As well as manufacturing our own products we have built an enviable reputation in build-to-print services. A comprehensive machine shop service is also available.

## project management

An experienced Security Cleared in-house project management professional will be assigned to oversee the successful implementation of your valued contract, safely, timely and to budget.

## design consultancy capabilities

We offer design consultancy capabilities which provide cost effective, practical and innovative solutions, including advanced engineering analysis, seismic engineering and obsolescence reviews.

## enhancements & upgrades

Modernising your existing equipment is a cost effective alternative to buying new. Our specialists will conduct onsite surveys and investigations with a view to either refurbish, extension to life or uprating of lifting capacity.

# Crane manufacturers products

The Clarke Chapman Group Ltd have the facility to access the Original Equipment Manufacturers detailed design drawings for equipment produced by the following companies;

- › WELLMAN BOOTH
- › JOSEPH BOOTH
- › CLYDE CRANE AND BOOTH
- › WELLMAN CRANES
- › BUTTERLEY ENGINEERING LTD
- › BUTTERLEY CRANES
- › ADAMSON ALLIANCE CRANES
- › COWANS BOYD
- › COWANS SHELDON
- › JOHN BOYD
- › SIR WILLIAM ARROL
- › CLYDE CRANES
- › NEI CRANES

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