



SERVICES

- **LOLER Inspections**
- **Loose Lifting Tackle**
- **3D CAD Design**
- **Crane Manufacture**
- **Bespoke Lifting Rigs**
- **Fabrication**
- **Onsite Welding**
- **Crane Installation**
- **Crane Relocation**
- **Crane Maintenance**



Midland Lifting Solutions Ltd

Simple Solutions for Complex Problems

Company Introduction

Midland Lifting Solutions Ltd, based in Telford, Shropshire supply both off the shelf products such as chains, hoists and slings plus bespoke lifting solutions nationwide to all sectors of industry. These solutions include over head running cranes, grabs and manipulators, jib cranes, spreader beams and all other manner of one off types of lifting equipment.

In addition we offer a test, inspect and repair service for the lifting equipment you operate and can work with your organisation to manage your inspection and certification schedules, to ensure your lifting fleet meets the current HSE, LOLER regulations.

Midland Lifting Solutions Ltd offer the full package from the initial site survey through to the design of your solution, manufacturing, installation, service, maintenance and inspection.



LOLER Inspections & Certification

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3D CAD Design

Midland Lifting Solutions Ltd use computer aided design software to design all bespoke lifting solutions and cranes. This enables fast and effective progression from concept to approval drawings, 3D models and full engineering drawings prior to manufacture.

All designs comply with the latest British Standards for lifting equipment, currently BS EN 13001-2:2004 and are designed to the agreed safe working load (SWL) or working load limit (WLL). where applicable a 25% proof load is built in to the safety factors. The computer software allows quick stress calculation and 3D modelling to show stress points in the design.

In addition to our own work we can turn your sketches into 3D CAD Models and run FEA analysis on your project, produce drawings and electronic files for laser cutters and machinists.



Jib Cranes

Jib cranes are the perfect crane in situations where the same type of load is to be moved within a fixed area repeatedly. Or in a maintenance set up where a part needs regular removal. They can also prove very versatile in a CNC station loading/unloading situation, often covering two or more machines.

Jib cranes operate by the arm rotating in an arc around the column. A hoist running on a beam trolley completes the ability to pick up and place a load anywhere within the operating area.

Load Capacities: 50KG - 5000KG

Common Use: Repetitive pick and place, Maintenance situations, Production loading.

Automation Options: Powered hoist, powered beam trolley, powered slew.

Control Options: Manual, 48v low voltage pendant.

Finish Options: Yellow top coat, Galvanised, Polish (stainless steel cranes only)

Documentation: Operator Manual, CE Certificate of



Over Head Cranes

Over head cranes are the perfect crane in situations where a large area needs to be covered and/or the loads are generally heavy (1 tonne plus) and large.

Over head cranes consist of three main components. The rails and the crane bridge, which runs on the rails. This allows the crane to travel "down shop" A hoist fitted with a beam trolley then runs along the crane bridge giving "cross travel" The hoist provided lift and lower functions.

As most commercial buildings are square or oblong, over-head cranes cover the biggest area.

Load Capacities: 250KG - 50,000KG +

Common Use: Work shops, large factories, steel works, foundry's, engineering shops.

Automation Options: Manual or powered

Control Options: Manual and/or 48v low voltage pendant.

Finish Options: Yellow top coat, Galvanised, Polish (stainless steel cranes only)

Documentation: Operator Manual, CE Certificate of Conformity, Report of Thorough Examination.



Fixed Gantries



Fixed Gantry cranes are the perfect crane in situations where a load needs to be moved in a single axis once lifted. The runway beam which the hoist runs can be formed into bends to allow the hoist to go around corners.

Load Capacities: 50KG - 5,000KG +

Common Use: Work shops, large factories, machine loading/unloading, production line.

Automation Options: Manual or powered

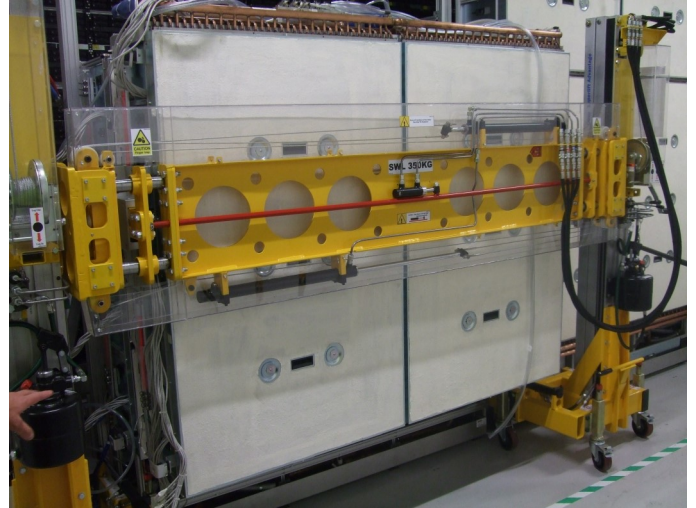
Control Options: Manual and/or 48v low voltage pendant.

Finish Options: Yellow top coat, Galvanised, Polish (stainless steel cranes only)

Documentation: Operator Manual, CE Certificate of Conformity, Report of Thorough Examination.

Bespoke Solutions

Midland Lifting Solutions Ltd are specialists in the design, manufacture and installation of bespoke lifting and handling equipment and cranes. Our expertise spans Over 13 years and we would welcome the opportunity to discuss your requirements with you.



Contact us to discuss your bespoke lifting requirements .

Tel: 07904 606 288

Email: sales@midlandliftingsolutions.com

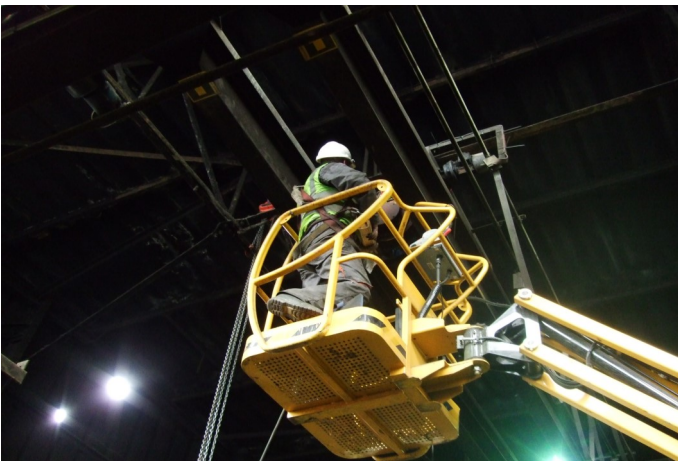
Web: www.midlandliftingsolutions.com

Crane Installation & Relocation

Midland Lifting Solutions Ltd offer a professional installation service using experienced and qualified installation engineers. The safety of the installation engineers and any other persons in the installation area is paramount and every measure will be taken to ensure that the work area is in accordance with both HSE and your own organisations safety requirements.



Crane Maintenance & Servicing



Your business relies on its lifting equipment to complete its daily operations, from producing product to maintenance of plant and equipment. Lifting equipment for many companies is a necessary evil. On the one hand it is invaluable, but on the other it can be a time consuming nightmare, full of legislation and regulations. It normally ends up in the hands of the maintenance department or facilities management, taking up valuable time to manage and control.

Regular maintenance also reduces the potential of accidents and improves health and safety, leads to greater efficiency through planned and preventative maintenance and demonstrates to your work force that you are committed to implementing safe practice.

Our agreements run for a minimum of one year and the cost includes servicing at agreed intervals to suit your business.

Loose Lifting Tackle

Midland Lifting Solutions Ltd are a competitive supplier of loose lifting tackle. We can mark individual items with your unique serial and/or asset number. Please call us to get a quote for your requirements.

- Hoists, chain blocks & lever hoists
- Slings & wire rope slings
- Shackles, eye bolts, eye nuts, lifting points
- Harness, lanyards and fall arrest equipment
- Skates & load moving equipment
- Pedestrian stackers and trolleys





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