

# INFRASTRUCTURE EQUIPMENT & SOLUTIONS



Hoisting



Jacking



Pulling



Rigging



Material  
Handling



Safety

supporting our  
customers for



# GEARED UP FOR BIG INFRASTRUCTURE PROJECTS

Notre-Dame bridge  
project in Tournai,  
Belgium for Dufour

## OUR COMMITMENT TO YOU

- 🔧 We have you covered with super high tonnage equipment, knowledge and scalability
- 🔧 Hire fleet from the World's most trusted manufacturers
- 🔧 Industry leading expertise and knowledge
- 🔧 Dedicated account manager and hire desk specialist
- 🔧 All equipment tested and certified to the highest standards with certifications available
- 🔧 Fully compliant with all current health and safety regulations
- 🔧 No waiting around; we deliver quickly across the UK
- 🔧 Solutions tailored to your project



## FOCUS ON INFRASTRUCTURE

- 🔧 The years of experience we have gained means we understand the issues you face, and we are here to solve them with you.
- 🔧 Our projects teams have the capacity to assist with technical drawings, training, safe use of the equipment and methodology.
- 🔧 We understand time is money. Our technical support makes sure your project runs without delays in the unlikely event of a breakdown.
- 🔧 Our hire packages will help you balance your budgets without compromising on quality or safety.

# WHEN IT COMES TO HEAVY LIFTING, LOOK NO FURTHER.

When it comes to lifting, choose the experts.

Bridge projects are often high value, time restricted and intricate in design. Make your role as a contractor run smoothly by choosing a lifting partner that specialises in just that, lifting.

LGH offers a wide equipment range for bridge construction, repair and maintenance needs from the leading suppliers.

For heavy projects precise and controlled movement is essential. Low-height cylinders can fit into small openings underneath the bridge structure whilst high tonnage cylinders are used to support the weight of bridge segments and girders. These are necessary for safely aligning and positioning precast segments.

Equipped for a variety of different bridge applications including:

- pushing, pulling or lifting segments as part of bridge construction
- lifting and supporting bridge counterweights to allow access for inspection, repair or replacement
- moving steel girders synchronously
- lifting components to allow access for inspection, repair and replacement of bearings
- powering other hydraulic tools such as nut splitters and torque wrenches (electric hydraulic pumps)



**SPREADER BEAMS**  
up to 1000t

**SHACKLES**  
up to 1000t

**ROUNDSLINGS**  
up to 200t

# EQUIPMENT

Scan to view our full equipment range.  
If you need it, we have it.



## HYDRAULICS



**Single-Acting Cylinders**



**Double-Acting Cylinders**



**Locknut Cylinders**



**Electric Hydraulic Pumps**



**Manual Hydraulic Pumps**



**Hollow Piston Cylinders**



**Low Height Cylinders**



**Hydraulic Jacks**  
up to 100t



**Manifolds**  
2- & 4-way



**Hydraulic Accessories**

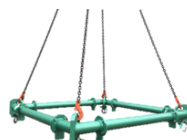
**Hi-Force cylinders specifically designed for heavy duty applications.** Extremely versatile and efficient with various options for your application including low height, locknut and double-acting.

A wide range of accessories including electric and manual pumps, manifolds, hoses, gauges and flow control valves for precise controlled movement.

## RIGGING



**Spreader Beams**  
up to 1000t



**CMOD**  
up to 140t



**Synthetic Slings**  
various



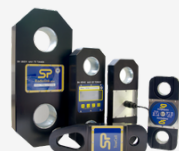
**Greenpin Shackles**  
up to 1000t



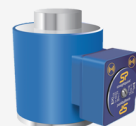
**Multi-lugs**

**Below-the-hook specialists.** A large and varied fleet to support your project including Modulift spreader beams up to 1000t with full rigging accessories.

## HOISTING, PULLING & LOAD MEASURING



**Digital Load Indicators**  
up to 500t



**Compression Load Cells**  
up to 500t



**Hand Chain Hoists**  
up to 30t



**Electric Chain Hoists**  
up to 10t



**Cable Drum Jacks**



**Manual & Hydraulic Tirsors**  
up to 3.2t



**Minifors**  
up to 950kg



**JDN Air Chain Hoists**  
up to 100t



**Beam Clamps & Trolleys**  
up to 20t



**Man-riding Tiraks**  
up to 3t

**Bespoke solutions to meet your project requirements.** Our load measuring equipment is best-in-class for weighing and calculating the CoG of your load before the lift.

Tiraks are essential for bridge maintenance projects whilst our hoisting and pulling range cover a number of applications.

# CASE STUDIES



## NOTRE-DAME BRIDGE THE DUFOUR GROUP TORNAI, BELGIUM

LGH were recently involved in a magnificent project by The Dufour Group in Tournai, Belgium, on the new Notre-Dame bridge.

For this unusual project, we supplied a modular spreader beam with a capacity of 400 tonnes and a total length of 29m to enable the installation of the bridge.

## QUEENSFERRY CROSSING UNITED KINGDOM

LGH were on hand to provide the lifting equipment for essential maintenance work on the Queensferry Crossing, Scotland.

To enable the team to carry out their necessary work, a number of air chain hoists and tiraks were supplied to pull, raise and lower the platform.



## WEIWERDER BRIDGE NETHERLANDS

LGH assisted in the maintenance of the Weiwerder Bridge in the Netherlands. Our customer required the concrete bearings, which absorb the movement of the road surface, to be replaced on site. We provided lock nut cylinders to jack up the bridge allowing the bearings to be loosened and replaced.

An LGH technical expert gave support onsite to oversee the use of the cylinders alongside the client, and provided accessory equipment including a pressure table.



# STRENGTH IN DEPTH

Our ongoing investments mean LGH is well placed to provide the necessary equipment for projects that involve building and maintaining the next generation of roads, railways, tunnels and bridges. All tested and certified by our in-house technical team.

AIR CHAIN HOISTS	100t
HYDR. JACKS	100t
HYDR. GANTRY SYSTEM	125t
MULTI LUGS	200t
DIGITAL LOAD LINKS	500t
COMPRESSION LOAD CELLS	500t
HYDR. CYLINDERS	520t
HYDR. SKIDDING SYSTEM	800t
GREENPIN SHACKLES (WB)	1000t
SPREADERS AND RIGGING	1000t



# CONTACTS & LOCATIONS

## NATIONAL RENTAL CENTRE

120 Bolton Road, Atherton,  
Manchester, M46 9JZ

03704 247 247

enquiries@lgh.co.uk

## ABERDEEN WAREHOUSE

Unit 6-8, Kirkton Avenue,  
Pitmedden Road Industrial Estate,  
Dyce, Aberdeen, AB21 0BF

## GLASGOW WAREHOUSE

Coronation Road Industrial Estate,  
Motherwell, ML1 4HP

## ALFRETON WAREHOUSE

Trading Estate, Wimsey Way,  
Alfreton, DE55 4LS

## LONDON WAREHOUSE

Unit 6, Crayside Industrial Estate,  
Crayford, Kent, DA14 4RF

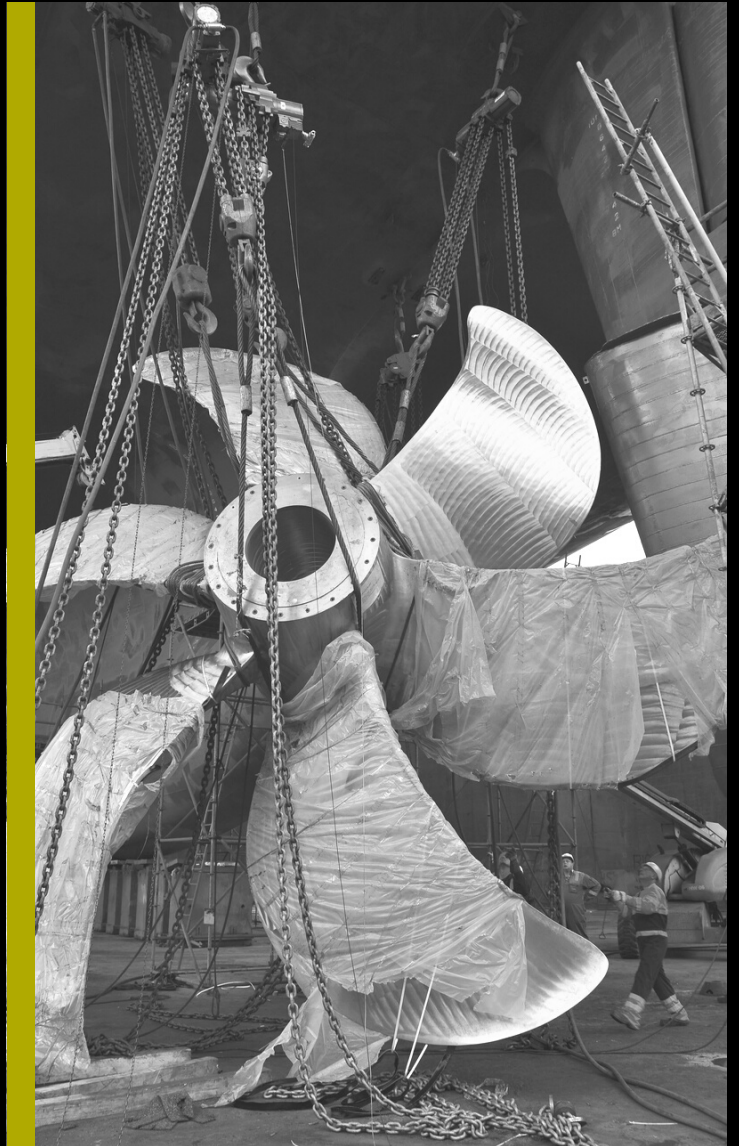
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speak to one of our Rental  
Desk experts or get in  
touch direct with your  
Technical Sales Manager.

Visit [www.lgh.co.uk](http://www.lgh.co.uk) for full list  
of European locations.





The lifting gear hire specialists  
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