Contract Services
Welcome to Mabey

Operating from 17 depot locations across England, Scotland and Wales, we combine full UK coverage with localised depot solutions.

We have decades of extensive construction industry experience and continue to remain at the forefront of the UK’s temporary works industry by providing quality products and solutions including engineering support, exceptional customer service and continual investment in the products that we offer for hire and sale.

Mabey is a leading supplier of modular and proprietary temporary works equipment for ground support, formwork, falsework, refurbishment and a wide range of other systems in the UK. View our other product brochures for details on Groundworks, Propping and Jacking, Formwork and Falsework, Temporary Bridging, LIVE Instrumentation, Major Projects and the dedicated Training Academy.

Contract Services

Our contracts division extends the level of service offered to our clients by providing full sub-contract design, supply and installation packages, managed by experienced specialist in-house engineers and site teams.

From our base near Wigan, we offer bridging, falsework, heavy shoring, façade retention, temporary roadways and barriers providing safe, cost effective temporary works solutions.

Through Mabey Contract Services, we aim to work hand in hand with our clients from feasibility through the tender process, to contract and completion, providing tailored innovative solutions that regularly contribute to the success of a tender.

By providing a complete turnkey solution for temporary works requirements, we have established ourselves as a market leader in the UK, we are able to reduce our clients’ commercial and practical risks, giving cost certainty and total peace of mind.

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Find case studies, technical info and more
Visit www.mabey.com
Successful completion of any contract requires co-operation and a desire to succeed from all parties.

Our mission is to bring the benefit of our market-leading products together with experienced engineers and installation capability to contractors teams to offer safe, economic and least intrusive temporary works solutions, delivered on time and on budget.

Our engineering team has many years of construction experience, backed with continuous training to ensure that the highest levels of qualification and expertise are maintained.

We employ site management staff and our own installation teams who work closely with the engineers and our clients to advise, plan and execute works on site in a safe, timely manner with due regard to the needs of others working around us.

By discussing requirements with our clients and applying the expertise in our engineering and construction teams, we produce innovative solutions to a wide range of temporary works requirements throughout the construction industry and beyond. Clients can rest assured that bespoke and potentially contract-winning solutions, programming and pricing discussed at tender stage will remain confidential.

We work continuously on Highways and Network Rail projects and have extensive experience with their respective approval procedures, offering our clients peace of mind when programmes are tight.

Mabey continually develops and trains staff to bring the best possible level of service to our clients. We have 100% CSCS certification for staff visiting or based on site.

We are RISQ registered and have in-house PTS trained staff for rail related work. All site management staff are trained as Appointed Persons for lifting operations and qualified First Aiders and have extensive training and experience in site management.

Our in-house installation teams hold all relevant CPCS and PASMA cards and are trained to install BarrierGuard 800 on the motorway and trunk road network.

This level of training reinforces our commitment to providing excellence of service throughout the company and to be the supplier of choice for our clients.
Bridge Jacking & Monitoring

Mabey is the established market leader in the design, supply and execution of bridge propping, jacking and monitoring schemes.

Our capability in this field is based on highly developed modular shoring and monitoring systems, combined with our specialist engineers and site teams - a fusion that remains unrivalled in the UK.

We work extensively on Highways and Network Rail projects throughout the UK, under both the Area Maintenance schemes and on tendered repair works. Mabey provides emergency cover for bridge strikes throughout the UK and have attended many incidents providing safe, rapid solutions in emergency situations.

Mabey operates a comprehensive stock of hydraulic jacks from 10 to 500 tonne capacity, both single and double acting and spring return including the in-house designed Hymat jack. Our range of jacks is supported by an extensive range of ancillary hydraulic and electronic equipment, including multi outlet split flow pumps, fully synchronised computer controlled lift management systems and centralised electronic distance measuring.

Our propping products provide load capacities from 25 to 400 tonnes with Superprop and Mat 125 being market leaders in the UK and Scandinavian bridge propping and jacking markets. Our Mass 50 and Mass 25 lighter duty systems extend our range to ensure that we can produce safe, cost-effective solutions to a wide range of requirements.

Areas of Specialisation

- Heavy shoring and jacking
- Computerised lifting systems
- Bridge sliding and positioning
- Bearing shelf jacking
- Emergency response services
- LIVE Instrumentation real time structure monitoring

Scan to find out more about our Propping & Jacking range
LIVE Instrumentation

Mabey’s LIVE Instrumentation team provides real time structural and environmental monitoring solutions. Using our market-leading data management system, LIVEsite, information and condition alerts are provided through a web portal, providing clients with reliable, accurate and clear information 24/7.

The LIVE Instrumentation team is a UK market leader in the design, supply and execution of real time temporary and permanent asset condition monitoring solutions. The team is built on a unique combination of specialist structural and instrumentation engineers, allowing us to engage with clients from throughout the civil, building, petrochemical and nuclear markets using a limitless variety of monitoring techniques providing tailored, cost effective, real time information to clients, allowing informed decisions and actions.

Alongside our structural monitoring capability and powered by the LIVEsite software, Mabey offer a flexible and complete environmental monitoring service. From simple noise, dust and vibration monitoring, through to gas and VOCs, our systems are designed for complete flexibility and to provide tailored cost effective solutions to ensure safety and compliance during site operations.

Façade Restraint, Propping & Needling

The restraint of existing façades has become a major feature of many city centre construction projects, as the pressure to maintain areas of historic importance grows.

Our Building Refurbishment section deals exclusively with the support of existing structures whilst under repair, alteration or re-building. Using our Mass 10, System 160, Mass 25 and Mass 50 shoring systems designed specifically with this market in mind, our engineers and installation teams work closely with clients to produce cost effective solutions.

Often involved during the planning and programming stage of contracts, our experienced engineers are able to provide innovative solutions that can simplify construction in restricted city sites, potentially reducing program time and cost.

The project portfolio of Mabey includes buildings of historical and aesthetic importance throughout the cities of the UK, with applications varying from basic dead shoring and needling, to internal plan bracing and internal and external vertical cantilever façade restraint.

Our specialist project engineering and installation teams have a wealth of experience in the design and erection of temporary structures to support listed buildings in sensitive city centre environments. Our engineers will be pleased to assist with a specific requirement at any stage of the project, whether with budget costs and outline solutions at planning stage, or advice on design and detailing with our products.

- Products designed specifically for refurbishment market
- Equipment sized for erection by hand within existing structures
- Services range from full façade retention packages to smaller hire only propping and needling applications

Scan to view our Instrumentation & Monitoring capabilities

Scan to find out more about our Propping & Jacking range
Parapet Replacement

Mabey’s versatile Mass 25 and Mass 50 systems are used throughout the UK to provide combined crash deck, access and falsework support structures for parapet replacement and strengthening projects.

We have developed encapsulation systems from our versatile product range that provide combined access, crash deck and falsework within a single structure. These systems can be safely rolled into position over live road or rail, reducing costly positions and avoiding disruption to the travelling public.

Over slung, under slung and cantilevered schemes are also possible using our versatile product range. For the construction of new bridges, we offer the Mabey parapet system. This system has been engineered to be installed and removed from the bridge deck, avoiding the costly provision of access below.

Falsework

We have been at the forefront of falsework technology for many years.

From advancing girder systems for multispans viaduct construction, to parapet cantilever replacement works, the pre-engineered and modular principle of our products ensures that our falsework solutions are cost-effective and meet with the most stringent performance criteria. Combining high strength with versatility, the Universal and Compact Panel systems of girders and towers are unrivalled in spanning falsework applications and we are proud to have been associated with some of the most prestigious bridge projects in the UK, Europe and Scandinavia.

Mabey’s MU girders’ versatility is further demonstrated by their use as service support trusses carrying existing services without excessive deflection during bridge replacements. Where spanning support is not required, we offer Kwikstage for bridge deck or building construction. Our experienced site teams ensure that these often complex falsework structures are built safely and to programme.
Quickbridges

The Mabey Quickbridge is a modular, all-steel system engineered to provide an “off the shelf” solution to your bridging requirements.

Available in both road and footbridge formats, Quickbridges can be used for vehicular or pedestrian traffic on sites or on public highways for temporary and permanent applications.

The road units are based on a standard module width of 1.75 metres, the units are supplied in a variety of lengths from 6 to 20 metres and are available in either Flat Top or Rollover formats to suit various applications. The units can be lifted directly from the delivery vehicle onto pre-prepared foundations, minimising installation time and labour requirements.

The Quickbridge system’s versatility is demonstrated by the variety of regular applications.

Single or multi-span bridges accommodating one, two or more traffic lanes can be constructed from standard components, combined with one of our tower systems should intermediate supports be required.

Rollover units are in use throughout the UK as over-bridges protecting under strength structures and avoiding the imposition of weight limits, lane restrictions or diversions. Quickbridges are regularly used for flyovers and road diversions during bridge reconstruction as well as access ramps and platforms for congested city centre sites.

Footbridges

Single or multi-span footbridges can be constructed using standard components from the Mabey panel bridge range.

A 2m wide walkway transom and deck units are available from stock, wider deck widths are also available. Used in both temporary and permanent situations, Mabey panel footbridges can be clad or decked in timber if required for use in rural or sensitive applications.

Steel mesh panels may be attached to the trusses to increase safety and prevent debris falling from the bridge. Mabey’s Mass 50 or Mass 25 tower systems can also be provided to complete the system when required.
Mabey panel bridge systems can be delivered to site in component form, allowing the construction of major structures in areas with restricted access. The bridging systems are assembled quickly and safely using a small crane.

Final positioning of the structure can be carried out using a variety of techniques to suit individual situations including cantilever launch from one side, pushing the bridge out on rollers and landing on the far bank or by building a skeletal structure and lifting into position. Our experienced bridge engineers will be pleased to advise on the options for a particular use.

Road bridges can be designed to current Highways loading for use throughout the road network for applications ranging from motorways and trunk roads to minor rural lanes.

The availability and speed of construction of Mabey panel bridges enables us to provide rapid over-bridge or diversion routes in emergency situations such as after a bridge strike incident or structural fault is identified on the road network.

**Panel Bridging**

Our panel bridge systems offer a unique combination of span configuration, deck widths and load capacities, making them suitable for road diversions, site access, haul roads and pedestrian use.

Bridges can normally be supplied direct from stock complete with highway or heavy-duty contractor’s decks, anti-skid surfacing, parapets, kerbs and walkways as required. Mabey panel bridges are regularly provided during bridge strengthening or replacement works to minimise disruption to the public avoiding lengthy, unpopular diversions and to speed contractors’ programme times by removing traffic from the work area completely.

- Single spans up to 80m
- Single lane, extra wide and two lane carriageway widths
- Highway parapet system
- Erection by launch or lift in methods
- Anti-skid or durbar deck finishes
- Structures for highway, site or pedestrian traffic
Site Access and Barriers

TuffTrak
TuffTrak is the ultimate heavy duty mat for temporary roadways and work areas for heavy plant, machinery and multiple vehicles. Simple and fast to install, TuffTrak is connected with a simple steel strap and ‘drop in’ bolt system as standard. No ground preparation is required when utilising TuffTrak as a temporary roadway, allowing quick and efficient installation on site and at 40mm thick, there is no need for vehicle ramps.

- Low transport and handling costs
- Avoid severe rutting and eco damage to ground
- Chemically inert and manufactured from recycled material
- Reversible pedestrian surface for outdoor events
- Unique chevron traction surface
- Low theft risk

EuroMat
EuroMat is the fast to install temporary access and ground protection mat for moving and operating light plant, equipment and personnel over soft or sensitive ground. Made from tough 12mm thick high density polyethylene (HDPE), EuroMat is virtually indestructible, weighs only 35kg and the hand holds make moving and installation easy. Mats are joined with simple two or four way connector blocks.

- Unique chevron traction surface
- Fast and easy to install
- Low theft risk

Scan to view product range online
BarrierGuard 800

Introduced to help increase safety standards for both the public and workforces in traffic management schemes, BarrierGuard 800 is approved for use on the UK road network.

BarrierGuard 800 is a robust, deformable steel safety barrier system, stopping errant vehicles by absorption of energy through self-weight and catenary action. Designed with safety in mind, BarrierGuard 800 gives a high level of protection to both the travelling public and those in the work zone by providing continuous physical separation.

The BarrierGuard 800 system is adaptable for use on both straight and curved sections of roadway. The unique QuickMount connection system gives instant and precise location, allowing a team of three people to install more than 200 metres of BarrierGuard per hour.