

A photograph of a construction site for a large bridge. In the foreground, there is a complex red metal scaffolding structure. A tall yellow tower crane stands prominently. In the background, a large concrete bridge tower is under construction, with a sign that reads "TRAFALGAR HOUSE" and "SUI COSTA". The sky is clear and blue.

R·M·D
KWIKFORM

SHORING

people make the difference

RMD Kwikform is a powerful team comprising the skills, experience and energy of over 1,000 men and women in 16 countries. Totally diverse in nationality, culture, language and background. Totally united in the pursuit of customer satisfaction.



our experience and expertise

RMD Kwikform is a global leader in the development and execution of shoring solutions. With an enviable range of shoring products, and a determination to provide an added value service, RMD Kwikform can provide a tailor made solution to virtually any shoring application requirement.

It's the result of over 50 years experience gained on major projects throughout the world. What's more, our network of local branches means when you deal with RMD Kwikform, you talk to people who understand the working environment, technical difficulties and challenges you face.



Client:
Fressynet.

Project:
Seoul-Pusan, High Speed Rail Link, Section 8-2, Korea.



Client:
SLF Engineering.

Project:
2nd North-South Freeway, Taichung, Taiwan.



Client:
Highways Agency.

Contractor:
CSM Joint Venture.

Designer:
W.S. Atkins.

Project:
M2, Medway Viaduct, Kent, UK.



KWIKSTAGE

Client:
Balfour Beatty Construction Ltd.

Project:
A1, Haddington to Dunbar, UK.



R700GIRDERS

Client:
National
Engineering.

Project:
Stadium Australia,
Sydney,
Australia.



MEGASHOR



RAPIDSHOR

applications

RMD Kwikform has a vast range of shoring and propping products, which can be used as standard or customised, for a wide variety of project applications - either new build construction or maintenance work.

- Highways
- Bridges and Viaducts
- Tunnels and Culverts
- Railways
- Stadiums
- Reservoirs
- Buildings
- Marine Works

Client:
PC Harrington.

Project:
Wembley Stadium,
London, UK.



ALSHORPLUS



MEGATRUS

Client:
Durham County
Council.

Project:
Wearhead Bridge,
Durham, UK.



H33GIRDERS

Client:
SNSH / Bouygues.

Project:
Palais des Congres,
Paris, France.



SUPERSLIMSOLDIERS



Client:
Skanska.

Project:
Bridge over Stakssundet,
Stockholm, Sweden.

megashor

Megashor is an ultra **heavy duty** modular system, designed for axial loads of up to **1,000kN**. But its real strength lies in its versatility.

Megashor can be configured for a **huge range of applications**, including bridge launching and bearing replacement, travelling slab and tunnel formwork and excavation support.

And with significant stock levels available throughout the world, Megashor is always there when you need it.

A unique 1,000kN axial load capacity and high axial stiffness ensures that Megashor will accommodate the rigours of heavy-duty falsework, cofferdams, bridge bearing replacement and façade retention applications.

Client:
Maeda/Kumagai
Gumi/Yokagawa/
Hitachi JV

Project:
Ma Wan Viaduct,
Hong Kong.



Our quality assured manufacturing process, using close-tolerance jigs, ensures consistent and accurate fabrication, resulting in good assembly alignment on site, saving time, onsite modifications and labour costs.



Client:
Soares de Costa.

Project:
Radial de Buraca
Highway, Lisbon,
Portugal.



Client:
Hevilifts Ltd.

Project:
Haye-on-Wye Bridge,
Herefordshire, UK.



Megashor is approved for support of bridges open to live traffic, bridge bearing replacement work can be carried out with minimum disruption to traffic flow.

Client:
Thiess Construction Pty Ltd.
Project:
Royal Agricultural Showground,
Sydney, Australia.





Client:
Northwest Holst/
Kier Construction/
Campenon Bernard SGE
Joint Venture.

Project:
Deeside River Crossing,
North Wales, UK.



rapidshor

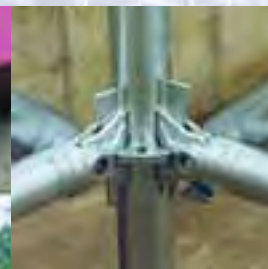
Rapidshor is a **cost effective** modular galvanised steel shoring system, developed with an **extensive range of accessories** to create a **versatile** and easy to assemble shoring system.

Rapidshor can be used with other RMD Kwikform products if required, to provide a tailor made solution.



Client:
Asea Brown Boveri.

Project:
Collie Power Station,
West Australia.



60mm dia high grade standards results in a massive gain in strength to weight ratio, with 48mm dia jack allowing greater jack extension, minimising bracing requirements.

Client:
SLF Engineering.

Project:
2nd North-South
Freeway, Taichung,
Taiwan.



High leg capacity up to 80kN saves material and labour costs, with reductions in the number of strip foundations and primary formwork beams.



Tilting heads and bases eliminate the need for use of timber wedges to overcome sloping ground and elevated slabs.



Client:
Tarmac HBM JV.

Project:
Immersed Tube Tunnel,
River Medway,
Kent, UK.

Client:
Built Environs Pty. Ltd.

Project:
Grant Creek Bridge,
Southern Expressway,
Adelaide, Australia.





Increased load capacity, reducing support equipment and improving fix strike times, allows fast erection and easy in-situ modification, minimising site delays and construction costs.



The Alshor Plus screw jack is capable of supporting loads up to 120kN. The unique extruded grooves self clean the jack and also prevent rotation when inserted in the outer leg, making adjustment quick and easy, through the use of the unique load release mechanism.

Client:
PC Harrington.

Project:
Wembley Stadium,
London, UK.

alshor plus

Alshor Plus is the evolutionary progression of a proven aluminium shoring system, available in two ranges: **Alshor 80kN/leg** and **Alshor Plus with increased loading of up to 120kN/leg.**

New compatible components, combined with enhanced loading provide a high performance modern aluminium shoring system with on site **versatility** to deliver a **competitive** and **economic** advantage to its users, in all construction sectors.

Client:
Grocon.

Project:
MGC Redevelopment,
Australia.



Variable ledger frame position and greater propping range allow greater versatility for better high and low level support





Client:
Balfour Beatty Construction
Ltd.

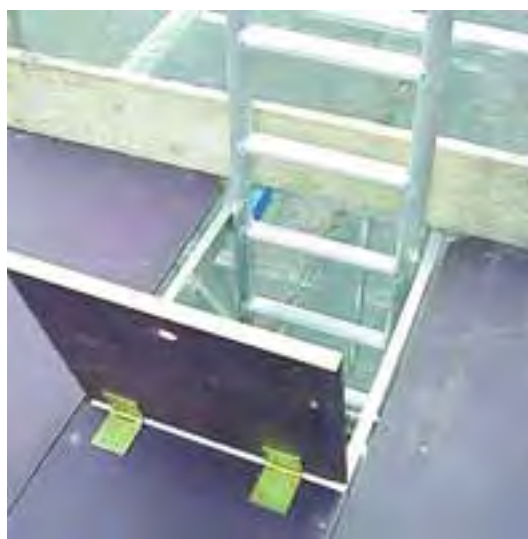
Project:
M77,
Glasgow Southern Orbital,
UK



A fully integrated system, compatible with a range of RMD Kwikform aluminium primary and secondary beams.



Alshor Plus is a complete system with a range of accessories to provide the most effective and cost competitive support to soffit formwork.





A modular system which is easy and quick to erect, accommodating sloping ground and varying slab levels, with regular patterns of snap on braces reducing both erection and safety inspection costs.

Client:
Edifer-Necso.

Project:
Ponte Infante,
D. Henrique,
Oporto, Portugal.



Client:
CSM Joint Venture.

Project:
M2, Medway Bridge, Kent,
UK.

The reduced weight of equipment and fewer number of components increase cost savings in the two main cost elements of equipment and site productivity.



The unique Shoring Tie and Trigger Brace make Shoring 75 one of the fastest steel falsework systems to erect.

kwikstage

Kwikstage - a modular steel shoring system -

provides a **fast, efficient** and **versatile** method

of constructing support structures. By using

standard Kwikstage components, a

support system can be erected,

capable of supporting leg

loads up to **75kN**.

Client:
Balfour Beatty Construction
Ltd.

Project:
A1, Haddington to Dunbar,
UK





Client:
Radiales JV.

Project:
M50,
Spain.

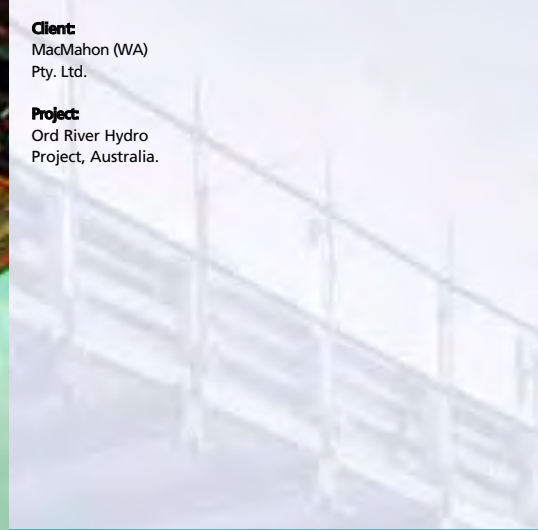


Kwikstage tilting heads and bases eliminate the need for use of timber wedges to overcome sloping ground and elevated slabs.



Client:
MacMahon (WA)
Pty. Ltd.

Project:
Ord River Hydro
Project, Australia.



superslim soldiers

The Superslim Soldier is the **definitive, most versatile shoring and formwork beam** from RMD Kwikform. Robust and easily assembled into vertical towers and beams of almost any length, the Superslim Soldier can be re-used on site after site, without modification.

Superslim Soldiers are available in 9 standard lengths, from 10mm to 3600mm, giving almost unlimited scope for assembling beams and struts of virtually any length.

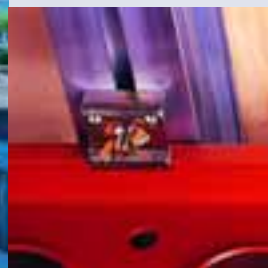


Client:
Balfour Beatty.

Project:
M49 Second
Severn Crossing, UK.



Standard fixtures and fittings make Superslim Soldiers fully compatible with other RMD Kwikform product ranges and, in many cases, with customers' own equipment.





Due to their robustness, Superslim Soldiers are ideal as primary beams on shoring, to support reinforced concrete slab construction.



Using close tolerance jigs, the Superslim Soldier is precisely manufactured from high yield steel, combining maximum durability and load capacity with reduced unit weight.



Client:
China Water and Electric.

Project:
Pak Phanang Dam, Thailand.

Client:
Detecsa S.A.

Project:
Navy Building, Madrid, Spain.





Client:
Fressynet.

Project:
Seoul-Pusan,
High Speed Rail Link,
Section 8-2, Korea.

R700

The unique design of the bolted connections, safely transmit tension, compression and shear forces, while enabling the girder to be pre-cambered.

Where many equal spans have to be constructed, sets of R700 girders can be combined with formwork into an advancing shoring system, offering considerable cost savings over conventional methods.



girders

RMD Kwikform offer three key girder systems:

R700 is a versatile, heavy duty shoring truss. It's **modular panel design** and pinned end-to-end connections allow the **rapid and easy** on-site crane assisted assembly of each truss.



H33 is a welded steel lattice sectional girder, designed for **economical** use of heavy duty shoring applications. They are **highly versatile** and effective for long or short spans.

Client:
Taylor Woodrow.

Project:
Foundry Bridge,
Newtown, Powys, UK.

H33

Client:
Cumbrian
Industrial Ltd.

Project:
Tarn Road Bridge,
Brampton, Cumbria, UK.

H33





Client:
China State Construction
Engineering Corporation.

Project:
TDD Contract No. YL46/99,
Tin Shui Wai Further
Development, Road D3 and
Constructed Wetland.

MEGATRUSS



A high loading capacity up to 433 kN for plain joints and 822 kN for stiffened joints is capable of being supported via the Megatruss end bearer.



Client:
FCC-Dragados-Cocimar

Project:
Ozama Viaduct,
Santo Domingo,
Dominican Republic.

MEGATRUSS

By using just two additional components, the Megashor 1,000kN support system can be turned into a Megatruss girder system for large, clear, open spans. Megashor nodes bolted into the top and bottom chords of the truss, allow Megashor shafts to be bolted at 60° to form the truss depth.



Client:
Highways Agency.

Contractor:
CSM Joint Venture.

Designer:
W.S. Atkins.

Project:
M2, Medway Viaduct, Kent, UK.

MEGATRUSS

Megatruss is a modular girder assembled using components from the RMD Kwikform Megashor shoring system. Girders of varying depth can be assembled **enabling heavy loads to be supported over long spans.**



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