



Ground Shoring Major Projects

Why Choose Us?

ENTERING THE MARKET

The number of suppliers within the proprietary shoring systems market is at an all-time high, with customer demands also continuing to rise alongside industry expectation. Despite high competition within the shoring market, success so far has been borne from equipment that was pioneered many years ago to pre-dated methods and standards. Being the newcomers to the below ground market has allowed us to adopt a completely fresh approach and manufacture new, innovative and robust equipment built to the latest codes and standards – giving us the competitive edge over alternative suppliers. Below are the unique selling points that differentiate RMDK from your existing supplier and all other options currently available to you on the market:

1. UNRIVALLED DESIGN OF EQUIPMENT

All equipment is fully Eurocode compliant both in terms of design (EN14653) and manufacture (EN1090 Execution Class 3). The design is verified using Finite Element Analysis (FEA) and full scale laboratory testing.



2. SMART FEATURES

We've listened to experienced industry personnel and built in some smart features into our equipment that makes the job easier and more efficient for you. For instance:

- Integrated mechanical isolation on all prop hydraulic units – providing safety and design benefits.
- Fully modular and interchangeable waler system with full moment joint capacity - offering total flexibility on waler extension selection and prop positioning.
- Spherical end bearer detail – with zero eccentricity offering 5° pivot angles in any plane to provide on-site tolerance.
- Cradled prop stabilisers – allowing props to be stacked directly above one another in transit (optimise loads)



Hydraulic Isolation



Full-moment joint capacity



Spherical Bearer



Prop stabilisers for vertical stacking

3. BESPOKE OPTIONS

We offer complete compatibility between proprietary vs structural steel solutions and can offer customised details to provide you with total confidence in cost and performance. Options include:

- Burn-out pack
- Weldable stub end
- Cast-in shear plates with weldable prop connections
- Cast-in shear stubs



Burn-out Pack

Weldable Stub Ends

Cast-in shear plates

Cast-in shear stubs

4. DIGITAL INNOVATION

At the click of a button, we can bring your 2D drawings to life! We have combined our CAD software and Locus AutoCAD with our 3D Visualisation software LocusEye to offer unrivalled usability and 3D integration of our solutions. We offer:

- CAD Automation – Rapid creation of 2D & 3D schemes
- VR and AR - Perfect for tool box talks and remote demonstration
- BIM Models – We can provide your scheme in Revit or IFC format



5. PEOPLE

Our engineering and sales teams have been carefully selected from within the industry to offer a combined worth of over 250 years' shoring experience – giving us the know-how to provide lean, cost-effective and practical solutions to the groundworks market. Our qualified personnel will assist you at office and site level, from concept to completion and beyond.



Get in touch with your Major Projects contact now for your free products and solutions demonstration or drop us an email to register your interest in a free CPD lunch and learn seminar

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