



**SUNBELT**<sup>®</sup>  
RENTALS

# FORMWORK & FALSEWORK





**WE PROVIDE A  
RAPID ON-SITE  
RESPONSE TO ANY  
STRUCTURAL OR  
DESIGN CHANGES,  
TO ENSURE YOUR  
PROJECT IS A  
SUCCESS.**

**SUNBELT  
RENTALS**

**GREYSTONE  
CONSTRUCTION**

Sunbelt Rentals is a specialist provider in the hire of Formwork and Falsework.

We also supply Edge Protection, Heavy Duty Propping and have a major strategic partnership with MEVA to provide their products into the UK.

Our products enable construction processes to become simpler, faster and more efficient.

Equipment is supplied from three dedicated depots throughout the UK, where our sales team and technical engineers are on hand to advise.



## MAMMUT 350 LARGE PANEL SYSTEM

These galvanised panels provide a heavy duty modular formwork system for large areas. A range of panel sizes and accessories are available with a large 3500mm x 2500mm as the biggest panel available with a load capacity of 100kN/m<sup>2</sup>.

## ECOAS SMALL PANEL SYSTEM

A small, versatile and flexible modular formwork system. It provides the shuttering formwork for pouring wet concrete in walls, columns and many other structures. Its alkus-plate configuration uses a polymeric face, providing a better quality finish to the concrete than conventional systems with a load capacity of 50kN/m<sup>2</sup>.

## RADIUS SYSTEM

A steel faced circular formwork system which can be used to form radii from 2.5m to 35.0m, the panels come in three heights, 1.5m, 3.0m and 3.5m, and two widths, 1.2m (1.25m external) and 2.4m (2.5m external). The Radius system can be connected to the Mammut 350 wall panel system simply using the M-Assembly Lock Coupler and has a maximum concrete pour pressure of 60kN/m<sup>2</sup>.

## MEP PROP

Used either as isolated props or with MEP Frames for increased leg loads. They can also be used as shoring towers providing an optimum solution for in situ concrete slabs.

## MEVADEC

MevaDec beams and panels may be used to provide the soffit support in areas where the purchase of plywood is not economically viable. The system can be fully erected and dismantled from the underside of the slab thus negating the issue of leading edge making this system hugely health and safety friendly. The system also incorporates a quick strip facility making this a swift and economic solution.

## SUPER A-BEAM

A twin web extruded aluminium profile which is ideal for use as a primary or secondary bearer for decking or as a waling for wall shutters where increased loading is required.

## ESS21

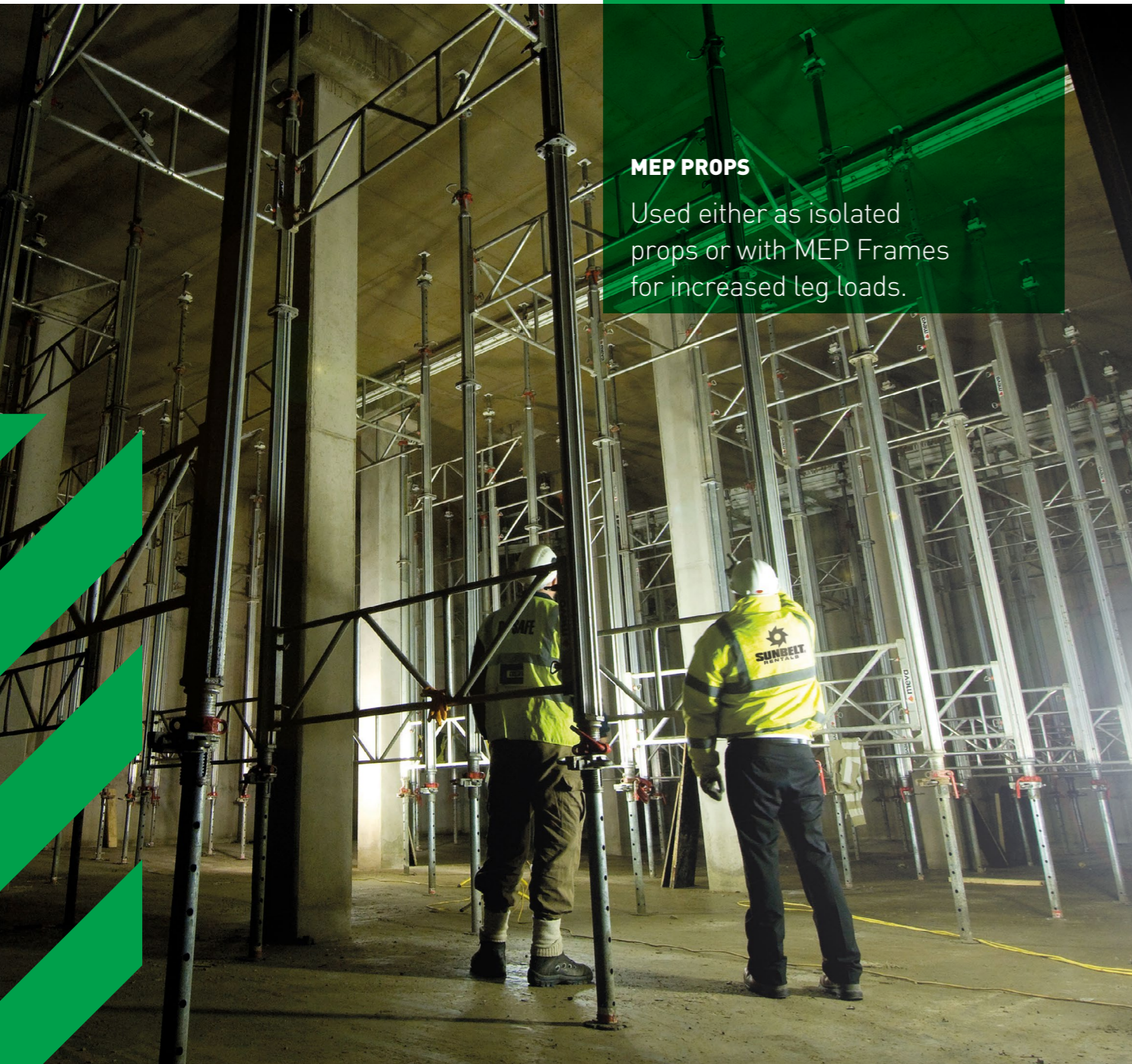
This Parapet Support System can be used on concrete or steel structures to provide access and support to slab edge and parapet shutter. For capping beam and bridge deck construction.

## MAMMUT 350 LARGE PANEL SYSTEM

These galvanised panels provide a heavy duty modular formwork system for large areas.







### MEP PROPS

Used either as isolated props or with MEP Frames for increased leg loads.

## ACROW PROPS

The original falsework support system which is as popular now as it was when it was first developed in 1936. It remains the most commonly used and economic method of providing support.

## SLIMLITE SOLDIERS

These soldiers can be used as a traditional primary bearer in support or wall formwork applications. They can also be used for heavy duty shoring, façade bracing, gantry support and cantilever parapet formwork applications.

## PUSH/PULL PROPS

Adapted from the original Acrow prop, our adjustable push/pull prop incorporates the standard prop collar with an additional locking device to maintain rigidity and maximum safety.

## EDGE PROTECTION SYSTEM

The system incorporates a series of posts and barriers, which can be fitted in a variety of applications, including live edge protection, slab edge protection, debris guard barrier, structural steelwork protection and safe site walkways.

## CONSUMABLE SALE ITEMS

We also offer a vast range of equipment for sale, including Dywidag tie systems, wire loop ties, form anchors, square edge roadforms, concrete spacers, cardboard column formers and much more.



### MEVADEC SLAB FORMWORK

A system perfect for multi storey use with its quick strip system.



## CASE STUDY

# WASTE TRANSFER STATION

CASTLE CARY, SOMERSET

SECTOR

Renewables

PRODUCTS

Mammut 350 Large Wall Formwork

A waste transfer station is being constructed for Viridor Waste Management Ltd at a landfill site near to Castle Cary in Somerset. The work includes the part demolition of existing structures, and the temporary support and extension of a steel framed building with reinforced concrete waste handling bays, together with external works improvements for the reconfigured facility. The new facility will increase Viridor's handling capacity of Somerset County waste. The construction contract has been awarded to Britannia Construction and Greystone Construction has been involved in the formwork side of the contract.

This was a challenging project involving a large concrete pour, the use of different formwork panel sizes and the requirement for an excellent concrete finish. In order to meet construction schedules, time was also of the essence.

The galvanised Mammut 350 Formwork panel system was chosen for this project as it is especially suited for use on very large and high structures, allowing rapid concrete pours with a concrete load capacity of 100kN/m<sup>2</sup> and any rate of pouring up to a height of 4m, irrespective of ambient temperature or concrete composition. Protected with a hot dip galvanized coating, the galvanizing method used provides the panels with technically the best possible coating solution and corrosion protection to the equipment.

The concrete finish was critical on this project and due to the Alkus face, the Mammut 350 Formwork system ensured an even joint pattern of the concrete surface, delivering a smooth, clean, consistent and even concrete finish. The speed with which the panels could be erected was also a distinct advantage. As an example, if the contractor has six large panels in a wall with six tie positions, it only takes 6 x 20 minutes to put them up.

Greystone Construction were absolutely delighted with the ease of using the Mammut 350 Formwork system and its speed and efficiency in use. They were also extremely pleased with the polished finish achieved on the concrete.

▲ The large Mammut panels with the six tie positions are quite simply excellent. There is very little work for the operatives to do and the panels are very easy to work with. They simply check it, put it up to the design and pour in the concrete. The range of panel sizes was of great benefit to us because it gives the flexibility to work within the varying designs. The concrete finish from the Alkus face is absolutely superb and gives a nice polished finish.

"We were very happy with the service provided by Sunbelt Rentals, especially the transport, the communication and the logistics of bringing the Mammut panels to site when they were needed - not before, not after but exactly when we needed them. We will definitely be using Sunbelt Rentals again and I would recommend them 100%. They're very efficient, providing a very good service and a very good system. ▲

**CLIVE OWEN,  
MD, GREYSTONE CONSTRUCTION LTD**



## CASE STUDY

# THE OLD FIRE STATION

YORK

### SECTOR

Construction

### PRODUCTS

EcoAs Small Wall Formwork  
MevaDec Slab Formwork

Mammut Large Wall Formwork  
Edge Protection System

Caddick Construction have been awarded the £15 million contract to design and build seven luxury apartments, seven traditional townhouses and a restaurant at a site which is located at the former Fire Station in the centre of York. The project is a joint venture between The Helmsley Group and London-based Ebor Developments.

The first phase of the work involved the partial demolition of the old Fire Station and the creation of a temporary structure to support the sections of the building that were being retained, as the historic building façade needed to remain in place. The four storey reinforced concrete building is located by the side of the River Ouse, so concrete piles were installed 20 metres into the ground to support the new building foundations and ensure stability. An internal lift shaft and concrete staircase were constructed as part of the scheme.

This was a challenging project as the site is based in the centre of York with very tight access, within a conservation area. There is only one access route in and out, so there were huge constraints as to how materials could be transported on and off-site. There were also time constraints, as two concrete cores and concrete slabs needed to be erected with minimal crane time. As the existing façade needed to be retained, it

needed to be tied and propped back into the new structure. The building's riverside location also created a challenge, as there was the risk of flooding throughout the contract.

Our Design Engineers devised a complete temporary works solution for this project comprising the use of our EcoAs Panel Formwork which was ideal for use within the tight space constraints and our Mammut Formwork system was specified for cost-effective construction of the cores, columns and shear walls. Our MevaDec Slab Formwork System was also incorporated into the design, as well as our Edge Protection System to ensure safety on-site.

The logistics of this project were critical and we were able to ensure timely and efficient deliveries of equipment for the scheme in the busy city centre location. As well as providing detailed design drawings, our Sales Engineer was on hand throughout the duration of the project to offer specialist advice.



▲ The service received from Sunbelt Rentals on-site has been very good. As part of the temporary works, we've had to take the design drawings to an independent checker and Sunbelt Rentals have been able to rapidly tweak the designs to suit the site layout and the tight space constraints on-site. ▲

**RICHARD MILLER**  
SENIOR SITE MANAGER,  
CADDICK CONSTRUCTION



# ENGINEERING & DESIGN

The engineering team operates from our Chesterfield, Colnbrook, Glasgow and Walsall Wood depots, to provide a fast, efficient design service. We are used to dealing with complex architectural designs and provide a rapid response to structural or design changes.

## Planning and Partnering


Effective and accurate planning forms the basis of our engineering services. We partner with our customers at the outset to provide support through all stages of construction projects - from the initial stages, through to implementation, execution and completion. Our team of engineers is on hand to help you lessen the amount of planning work you need to do independently.

Our technological capabilities are evolving, where we work alongside the entire supply chain to support the design and construction processes involved in any type of project.






# PROVIDING RENTAL PRODUCTS AND MANAGED SOLUTIONS INTO EVERY MARKET AND SECTOR

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Over 200,000 items of equipment to choose from



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On your site to meet the demands where every second counts



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Economical and efficient temperature control and HVAC solutions, with a 24/7 emergency response service




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24/7/365 call out facility covering 20,000 items on fleet



**HOISTS**  
We hold over 10km of mast sections, enough to scale London's Shard building over 32 times




**POWERED ACCESS**  
The combined height and reach of our equipment can transport you safely over 50,000 metres




**SAFETY & COMMUNICATIONS**  
The industry's most knowledgeable and experienced specialists in this field



**TRAKWAY**  
Award winning engineered access and ground protection solutions




**FORMWORK & FALSEWORK**  
We are the exclusive hire supplier of MEVA products in the UK




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Our solutions have been used on 7/10 of the tallest buildings in the UK




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The UK's industry-leading supplier of land survey and precision measurement technologies



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We have a dedicated Health and Safety training operation to qualify our own people and our customer's people




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5000 rental units - Enough equipment to power a small city



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Europe's leading test equipment specialists since 1996



**BARRIERS & FENCING**  
Crowd control and perimeter security solutions



**LIGHTING**  
Our state-of-the-art tower lights will keep your worksites safe and secure



# OUR FORMWORK & FALSEWORK DEPOTS

## CHESTERFIELD

Carrwood Road, Sheepbridge Ind. Est, Chesterfield S41 9AS  
01246 455510

## ROMFORD

King George Close, Romford RM7 7PN  
01708 730206

## GLESPIN

Ayr Road, Glespin, M11 0SF  
0141 445 5959

**National Hire Desk**  
**01246 455510**





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