

IF YOU WOULD LIKE YOUR PRODUCT FEATURED HERE CALL ROB TIDSWELL ON 01223 477427

MARL INTERNATIONAL

DEMO TRAIN GETS £100,000 REFURBISHMENT

Marl has given its in house demonstration train a £100,000 facelift, bringing it up-to-date with the latest energy-efficient lighting technologies it offers for rail applications. The move follows the launch of a new generation of LED lighting solutions which offer the highest light output and the greatest efficiency ever.



According to sales and marketing director David Moorhouse: 'Improvements in LED technology means that it now matches the light output of halogen lamps, with efficiency better than that of fluorescent tubes. LED lighting offers rail interior designers a triple whammy of energy efficiency, reduced maintenance costs as well as fantastic flexibility in terms of the range of effects including colours achievable.'

Marl Rail LED lighting is installed in hundreds of rail carriages worldwide, and the company is seeing increasing interest in its technology from the industry. A full-size single-car rail unit at Marl's UK headquarters demonstrates the way in which its range of lighting is suitable for the rail industry in situ. Marl LED lighting features lifetimes of 50-100,000 hours, compared to 4,000 hours for halogen and 20,000 for fluorescent tubes. This greatly reduces the need for maintenance teams to check and replace lights.

The LED lighting is extremely robust and shock resistant, making it highly suitable for use as emergency lighting.

● www.marl.co.uk

ADAPTAFLEX

VERSATILE FLEXIBLE CONDUIT SYSTEMS FROM ADAPTAFLEX CATER FOR DEMANDING RAIL APPLICATIONS

Adaptaflex will be exhibiting its complete range including, for the first time, the all-new Adaptalok ATS system, at Expo Ferroviaria 2008, in Turin, Italy on 20-22 May

Adaptaflex is the only manufacturer of the BS6853 Class 1A non-metallic flexible conduit Polyketone system, Type PK. The super low fire hazard system has high UV resistance, flexibility and fatigue life making it suitable for both static and flexing applications. For safety-critical and harsh environments stainless steel or tinned copper overbraid options are available. Similarly, examples of the Type PR enhanced low fire hazard overbraided system will also be on show, all of which are fully approved for use by major rail companies, worldwide.

Combining system performance and integrity with speed of installation, the new unique Adaptalok ATS conduit system makes its Expo debut. Produced by a sophisticated moulding process, it achieves ingress protection ratings up to IP68 and IP69k

● www.adaptaflex.com



RAILWAY FRIENDLY SOCIETY

PROTECT YOUR FAMILY WITH THE RAILWAY FRIENDLY SOCIETY

Mark Chicken, chief executive of The Railway Friendly Society explains his society's low cost Family Protection Plan. 'Our low cost Family Protection Plan has been specifically designed to provide support for railway people. Our plan helps people in the railway community through difficult times when they have been affected by illness, accident or bereavement.

What do the plans provide?

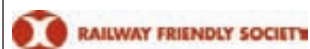
'Effective family protection at a low cost from just £2.80 per week; a regular income in the event of illness or accident preventing you from working; lump sum payment if you have to stop working permanently and are ill health retired; in the case of bereavement, your partner will receive a lump sum payment from the plan's life cover and if you have any children, additional regular payments will be made every four weeks until the children reach the age of 16.

'Our plans help ensure that your family members can maintain their standard of living if you are not there to provide for them.'

You can choose either the standard plan or the double benefit plan. The income benefit you receive will depend on the plan you select. There are a range of options which would provide £50 or £100 a week in the event of accident or sickness. In the event of being permanently unable to work and ill-health retired, you could benefit from £5,200 or £10,400.

In the event of your death, your family could get £5,200 or £10,400.

● www.railways.co.uk



TENSAR



TENSAR STIFF POLYMER GEOGRIDS OFFER RANGE OF BALLAST, TRACKBED AND EMBANKMENT REINFORCEMENT SOLUTIONS

Tensar geogrid reinforcement has been used to stabilise the trackbed in many UK railway projects since the 1980s. In ballast stabilisation, the aggregate particles interlock with the geogrid apertures to confine the ballast and restrain its lateral spread and vertical deformation, helping to maintain track geometry.

Tensar geogrids have Network Rail Product Approval and their use is endorsed in Network Rail's mandatory Technical Specification on Formation Treatments, NR/SP/TRK/9039. Monitored track installations have shown maintenance intervals extended by about three times, greatly reducing disruptive line closures, speed restrictions and costs.

In addition to providing geogrid solutions for trackbed, Tensar has a long and successful history in cost-effectively stabilising railway earthworks including slopes and soil structures adjacent to railways, such as reinforced earth wing walls and abutments for bridge works. The slope face may be steep and vegetated, or vertical using Tensartech wall systems with their range of attractive finishes, including split face textured modular concrete blocks.

● www.tensar.co.uk

KME

KME MONITORS THE RAIL INDUSTRY

Based in the South East of England, Kent Modular Electronics (KME) has increased its presence in the rail industry over the past year, including its appearance at the International Rail Forum, Valencia in November of this year. KME was joined by many other rail specialists at the three day event which was a resounding success. With over 100 informative stands, the event targeted the best in the industry and was aimed at visitors from around the world.



KME has recently received approval for its 8.4-inch level crossing monitors to be used in rail applications across the country. The approval from Network Rail, the owner of Britain's rail infrastructure, means that cubed monitors can directly replace many of the obsolete CRT monitors used on Britain's railways. The 8.4-inch cube was originally designed as a surveillance tool to be used in a Network Rail project in Portsmouth. The units are 'plug and play' meaning they keep the cost and hassle of replacing older monitors to a minimum. As well as the 8.4-inch monitor, KME has received approval on its 15-inch level crossing monitor. Both of these monitors can be used for operational monitoring of all CCTV crossings within Network Rail infrastructure.

KME has more than 25 years' experience designing and manufacturing monitors for industrial applications.

● www.kme.co.uk

TORMAX UK LTD

ACCESSING TRANSPORT WITH TORMAX

Delivering an integrated transport facility for Hull travellers, Paragon



Interchange was opened in September 2007 and features a wall of 44 automatic sliding glass doors installed by Tormax. The doors are powered by the Tormax Win Drive 2201 operator which was developed in response to customer demand for more cost-effective door automation, offering simple day-to-day control combined with long-term reliability.

Quick to install, thanks to an innovative component fastening system, the Win Drive is capable of delivering continuous performance in busy locations such as the £18m Hull Interchange development, where trains, buses and coaches are all brought together under one roof.

Having successfully worked together on a number of smaller projects, Tormax was invited to tender for Paragon Interchange by Glass and Framing Solutions of Hull.

'The quote Tormax provided was highly competitive and offered a cost-effective solution that we were confident would result in an aesthetically impressive access system,' said Tony Waudby of Glass and Framing Solutions.

In developing the Win Drive, Tormax reduced the dimensions down to a slim 142mm x 100mm, allowing door automation to be installed in the majority of openings. However, no compromise on power was made with the Win Drive having a capacity to operate either a single-leaf sliding door of up to 120kg or a double set

● www.tormax.co.uk

CANLAND UK (HOT PACK)



INSTANT MEALS

Short notice call-outs and working in remote locations in the UK rail system is a situation that Canland UK can cater for – literally. Hot Pack self-

heating meals offer a hot, great tasting meal inside 12 minutes, with no other equipment needed.

Canland UK set out in 1995 to supply self-heating meals to the emergency services, where there is still a growing need to provide hot food at various incidents, or where personnel have to work outside for long periods. Hot Pack and Action Pack meals can help to sustain energy requirements and offer a morale boost to hard-pressed maintenance staff or security personnel, such as the British Transport Police.

Hot Pack can be stored in a cool dry place, or on a vehicle for instant access. These wholesome meals taste good, are totally sealed in soft aluminium pouches and are sterile until opened; their shelf life is three years from production and they require no refrigeration. Each pack weighs around 450g.

Every Hot Pack contains a recently developed, easy-to-use, non-magnesium flameless heater, which is activated with 45mls of water, included in the pack. This new type of heater is virtually odourless. When the water is added, a reaction takes place, quickly generating heat and steam. With cutlery, salt and pepper, a serviette and a dish, each Hot Pack is truly self-contained, allowing the user to be able to produce and enjoy a meal in a matter of minutes.

● Tel: 01844 344474

CIRRUS RESEARCH

CIRRUS TO LAUNCH THE CR:260A SERIES OF SOUND LEVEL METERS

Cirrus Research, the UK company which specialises in the design and development of noise measurement equipment for health and safety applications, has introduced the CR:260A series of sound level meters.



Suitable for a wide range of applications, from noise at work assessments to vehicle noise testing and environmental noise measurements, Cirrus' CR:260A sound level meters are easy to use, yet capable of meeting sophisticated modern noise measurement guidelines.

There are eight meters in the new series, all of which are easy to operate, with single function buttons. Each is capable of taking A and C weighted measurements for HML applications and machinery noise testing. Available in Class 1 or Class 2 accuracy Cirrus' CR:260A sound level meters comply with the latest IEC 61672 measurement standard as well as IEC 60651 and IEC 60804.

They include the option of data download to a PC via a USB connection, and the ability to take measurements which will help to identify the most appropriate hearing protection. Cirrus' Deaf Defier3 software, which interprets these readings and helps in the selection of hearing protection, is supplied as standard. The range also includes the CR:261S Sound Level Meter, which is capable of vehicle noise testing with PTB-type approval.

'Our new 260A sound level meters are an ideal choice for any health and safety and noise at work application,' said James Tingay of Cirrus Research.

● www.cirrusresearch.co.uk

CREATIVE FINANCE

CREATIVE FINANCE PLUGS GAP IN COMMERCIAL LENDING MARKET

Businesses in the rail industry struggling to borrow crucial funds now have access to cash not previously available, thanks to a new service launched by Creative Business Finance.

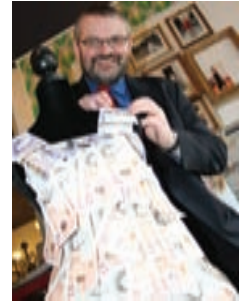
The firm has set up The Debt Boutique to provide cash solutions to those who have been unable to secure funding previously. This range of niche lending products – unique to the UK market – will make up bespoke funding packages tailored to fit the client's needs.

The venture and its products are backed by private capital and, as a result, the first funding solutions now on offer are to fund long-term contracts, particularly in 'green' projects such as alternative energy and waste recycling.

Creative Business Finance director and financial expert, Mark Blayney, said this assistance is long overdue: 'As an advisor it is always frustrating when we find clients with financing needs, such as a requirement to borrow against expected future cash flows, which existing sources of funds are often unable to meet. This is why we are so pleased to launch this service as we know it will be in demand by rail industry businesses as we will be able to offer them the opportunity to thrive.'

The first product to be launched provides funding in batches of £1m on five year terms at competitive rates.

● www.creativefinance.co.uk



IF YOU WOULD LIKE YOUR PRODUCT FEATURED HERE CALL ROB TIDSWELL ON 01223 477427

DREWEATT NEATE INFRASTRUCTURES



ACCESS THE EASY WAY ...

Careful planning, attention to detail and strong negotiation skills are vital when carrying out engineering works successfully, but one very important aspect often requires special attention.

That aspect is the obvious, but often overlooked matter of how to get to the work site, which often involves taking access over third-party land and, once on site how the project can be delivered with particular reference to the potential need or otherwise of acquiring permanent rights in land.

DNI has developed strong working relationships with Network Rail's engineers and contractors in western and southern territories over the last seven years, and is now to extending its services nationally through recently awarded Framework Agreements.

Customers can expect to experience DNI's proactive approach to problem solving and are promised commitment to the delivery of projects on time, giving 'added value' to a project.

DNI's management team tells customers that the company prides itself in providing an energetic, proactive and above all a professional service, which they think ultimately yields dividends to everyone involved.

● Tel: 01793 437200

JACKSON PRODUCTS

NEW FAST SWITCHING AUTO DARKENING WELDING FILTERS (ADF) FROM JACKSON PRODUCTS

Jackson Products, the West Midlands' UK subsidiary of US-based Jackson Products Inc, personal and industrial safety equipment manufacturers, has launched its new 2400ADF auto darkening filter (ADF) with a 90mm x 110mm window suitable for MIG, MMA and TIG welding down to 10A.

This new CE marked EN379 approved filter has a fast switching speed that will fit most branded welding helmets. It has three arc sensors (two at the top and one at the bottom) so it will catch the welding arc even in the most confined and restricted places.



The welder is able to adjust the darkness shade between shades 9-13 – and using the steplessly adjustable sensitivity and delay controls the wearer is able set the filter for the correct protection for the welding process being used.

Because in certain welding applications it is necessary to vary the delay to clear after the arc has been extinguished, the delay time can be steplessly adjusted between 0,1-1,0 second.

A feature of this filter is that when the arc is struck, it takes 0.4 milliseconds to switch from clear shade four to dark giving the welder all-round flexibility ensuring eye safety for a wide range of luminescent arc applications.

The operating temperature range is -5°C (23°F) up to 55°C (131°F) and the filter is supplied with two years' warranty.

● www.jacksonproducts.co.uk

MAKITA (UK) LTD

NEW MAKITA 5KG HAMMER COMPLETES SUPER-SAFE AVT RANGE

The new Makita HR32 10C AVT 5kg rotary hammer drill extends the recognised super-safe, low vibration Makita AVT range of hammer drills for the protection of construction industry operators. Together with the new HR4511C AVT 8kg SDS max hammer, Makita now have a complete low-vibration drill range from 5kg to 30kg for safe use in all drilling and breaking operations.

Powered by an 850watt motor and generating 6.4 joules of impact energy and with up to 3,300 blows per minute available, the new Makita HR3210C AVT will punch a 32mm hole into concrete and drive a 90mm CT core cutter. This tri-functional machine provides rotary-only operation for drilling with a no load speed of between 315 and 630rpm. Rotary action with hammer support can be selected as can pure hammer-only action for heavy-duty breaking and demolition work.

The HR3210 has a variable speed control and is fitted with a torque limiter device that instantly disengages the drive, should the drill bit or core snag during operation. This action protects both the operator from physical injury and the machine from mechanical and electrical overload. Two unique Makita features contribute to the super-safe, low vibration benefits of this new, advanced machine. The patented Makita, AVT Anti Vibration Technology system uses the pneumatic pressure generated in the hammer piston chamber to move a counter balance in the opposite direction to dampen out the impact vibrations at the steel point.

● Tel: 01908 211678

