

# Show and tell

Looking to upgrade your workshop or vehicle fleet, or invest in technology that will help improve efficiency and cut costs and downtime? The CV Show 2011 – held from 12–14 April and featuring more than 300 exhibiting companies – provides a fantastic opportunity to source products and services to meet your needs.

Here's just a selection of what visitors can expect to see



Penny Hydraulics' stand will highlight its full range of vehicle-mounted load handling capabilities at the CV Show 2011, including an innovative combination for the Volkswagen Amarok. This Amarok will also be fitted with a compact swing lift crane and an easy loader tail lift, both from Penny Hydraulics. These parts serve to demonstrate the company's load handling options available to operators.



Visitors to the CV Show will have their first opportunity to see Masternaut's latest type of vehicle tracking system, based around a single intelligent mobile communication unit. Said to be the first telematics company in the world to launch such a system, Masternaut's technology comprises a mobile communication centre (MCC) combining vehicle tracking, GPS satellite navigation, hands-free mobile communications, and real-time job scheduling and messaging in one unit.

With phases three and four of the London Low Emission Zone set to commence on 3 January 2012, Eminox is inviting operators who may be affected to an 'LEZ surgery' at The Commercial Vehicle Show 2011, NEC Birmingham.

Phase three will extend the range of vehicles affected to include minibuses and trucks from 1.2 tonnes. Phase four will set a tougher standard of Euro 4 particulate matter (PM) for buses, coaches and trucks over 3.5 tonnes. LEZ specialists from Eminox will be on hand throughout the show to advise operators on upgrading their vehicles – the cost-effective alternative to replacing vehicles in order to meet the new LEZ requirements.



Jaltest is a diagnostic tool from Eclipse Automotive Technology, providing deep systems functionality and exceptional vehicle coverage, according to director Richard Parkin.

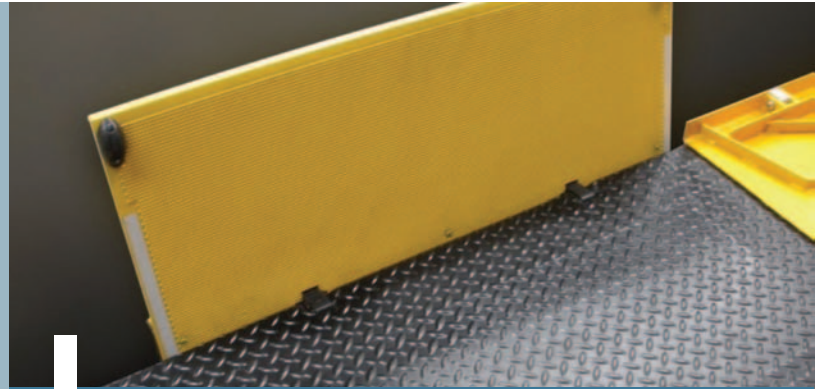
“These qualities make it the ideal choice for operators of mixed fleets, whether own account, independent haulage or local authority based,” he states.

Jaltest looks set to attract the interest of independent CV workshops, as well as vehicle recovery specialists, large and small, that may be called out to the rescue of a wide range of vehicles at any time.



Workshop and vehicle safety, and peace of mind come into play with the TruckMinder solution, which aims to prevent theft of catalytic converters, fuel and batteries. The technology uses sensors that are situated on or around the specific components. When the components are tampered with, the system is activated and sends a text message to up to three mobile phones, as well as sounding the vehicle's alarm.

The technology is the idea of Mike Drury, who has spent 25 years in the Formula One industry, supplying tyre warmers and heaters.



Upgraded tail-lift technology at the NEC will be provided by Maxon, which has a new version of its RSG range. Suitable for UK, as well as American truck operators, the two models to be shown at the CV Show are good examples of how the design has been rationalised to suit both market requirements.

Maxon's level-ride, retractable lift has some interesting features built in: 'SmartStow' ensures that, with the flick of a switch, the lift will accurately and safely deploy or stow itself beneath the rear of the chassis, without damage to itself or the vehicle, often seen with similar products.

This lift will also show a new design of lightweight, three-position ramp in yellow plastic, overcoming some problems of weight affecting driver acceptability with use of manual ramps. Using plastic reduces noise when stowing the ramps, which is a common problem with night-time operations. Also colour impregnated plastic, even if scratched, will still retain the colour.

Phased in from 2009 to 2014, European Community Whole Vehicle Type Approval applies to all vehicle models, from passenger cars through to vans, trucks, light and heavy trailers, buses, coaches and also special purpose vehicles. With the right top-level approval, the new system means a commercial vehicle can be registered in any EU member state, without the need for further testing in each individual country.

“But there is a catch,” warns Robin Dickeson, manager, commercial vehicle affairs at SMMT. “Without the correct approval, you won't be able to register a vehicle. So no approval means no registration and no sale. This is where SENTA comes in; it is a web-based guide that will steer you through up to 50 approval criteria for a new vehicle model and its bodywork.”

SENTA is the SMMT's European and National Type Approval guide. It will ease the lengthy approval process and help firms get their trucks and trailers on to the road. The guide details what a manufacturer must do, from the original design idea, through the development and construction stages, to completion of the approval process.

Supertrucks will be showing the latest version of its low-loading Space Van at the CV Show. The Citroën Relay-based vehicle promises operational and financial benefits to businesses, thanks to its ability to transport a wide range of low weight/high volume items.

In standard specification the Space Van has a load deck height of 550mm and a step height of just 370mm. But, with optional rear air suspension, the vehicle has one of the lowest deck height/step height measurements available. Fully lowered, the air-suspended Space Van has a load deck height of just 370mm and an associated step height of a mere 190mm. These heights provide convenient walk in/walk out loading accessibility to its large 20.4m<sup>3</sup> load space.

For operators that require even greater load volume, Supertrucks is also offering the Space Van in extended wheelbase format. This provides a body load deck length of 4,500mm and a load volume of 22.29m<sup>3</sup>.



Wheel balancing accessories and commercial vehicle alignment equipment manufacturer Haweka UK will be showing its complete product range at the NEC.

The event will also provide an opportunity for many to see the company's Axis 4000 system for the first time. This computerised system can now include a complete data set of truck wheel alignment settings to enable real-time comparison of actual readings against manufacturers' specifications.

Haweka believes it is the only manufacturer to offer a wheel alignment machine that allows the operator to measure a twin-axle semi-trailer tractor in 10 minutes. Such speed is made possible thanks to patented wheel clamps, which are attached to the wheel rim by means of powerful magnetic feet, allowing measurement to begin immediately after attaching.



Eberspächer UK will be exhibiting a full range of heating, air conditioning and handwash systems from both Eberspächer and Diavia. Climate control systems include the welfare vehicle product and one designed for luxury mini coaches. The former is equipped with the latest Eberspächer climate control system, which combines full vehicle air-conditioning, blended with heat from the Hydronic water heater, or incorporating an Airtronic air heating system. The coach system itself uses an Airtronic air heater.

Visitors will also see truck and cargo heating systems, vehicle refrigeration systems and ThermoLine – a fuel line heating system for cold climate conditions that is also suitable for use with biodiesel-fed engines.

Finally Panama – a roof-mounted air-conditioning system – will debut. The equipment is suitable for Sprinter-sized minibuses, either as a standalone air conditioning unit or as a complete climate control system.



MAN will be promoting its parts business, as opposed to the trucks it builds. MAN's latest innovation from the parts division is MAN Valueline, which aims to answer critics who have judged the company's parts prices too high. The scheme has been trialled nationwide for the past eight months on a range of around 60 parts and will now be rolled out over the next 18 months to more than 800 MAN parts.



Ratcliff Palfinger will be exhibiting lifts suitable for a wide range of vehicles and applications, highlighting safety features and options available to reduce the risk of injury to operators and damage to goods. One of the most important products on the stand will be the new R15 TW in-fold tukaway. Boasting a 1,500kg capacity and a 1,400mm deep x 2,150 wide double-folding aluminium platform, the R15 is a Ratcliff/MBB joint development and is manufactured by MBB in Germany.

Suitable for dry freight and refrigerated vehicles, the lift features a KTL-coated chassis, twin cylinders for added stability, wide arms, platform roll stops and a two-handed fixed exterior control box.



Pride of place on the Ford stand at the CV Show will go to the all-new Ranger pick-up. Despite not going on sale until November in the UK, visitors will get a chance to see the vehicle's new technologies, such as adaptive load control, trailer sway control, voice control, as well as the segment's first rear-view camera system.

Ranger will also be available in three cab body styles, and with 4x2 and 4x4 drivetrains, two ride heights and four series choices. With an all-new chassis frame, front and rear suspension and steering system, Ford promises "outstanding towing capability of 3,300kg, up 300kg on the current model".



MiX Telematics is launching MiX Track, a cost-efficient version of its DataTrak commercial vehicle track and trace product, at this year's CV show. Building on the reputation and solid foundation developed by DataTrak over the past quarter of a century, MiX Track has been designed to ensure operators remain aware of the whereabouts of their fleets at all times, without becoming overburdened by technology.

MiX Track involves the fitment of a small, covertly-located onboard computer, which continuously transmits vehicle-related information to MiX Telematics' secure server.

Data and reports are available via the intuitive MiX Track application on any internet-enabled office computer.

With new tachograph legislation set to come into force starting in October 2011, Stoneridge is keen to get ahead of the competition by revealing its latest unit, available to order at the CV Show. The SE500 features new menus with larger icons, more print options and the ability to download data remotely. Users will also have the ability to set a default mode as 'rest' when the engine is turned off.