

Transport Engineer picks some of the highlights to be seen at the CV Show 2012, which is coming to the NEC, Birmingham on 24, 25 and 26 April

The Best of

Fuel savings from Ashwoods

Ashwoods' EcoDrive+ is claimed to work with drivers to get the best fuel consumption from their LCVs. The in-cab display provides a visual 'sweet spot' for engine efficiency in all traffic conditions.

Drivers get real-time feedback in the form of a visual traffic light display and gearshift indicator. Verbal commands also give warnings and penalties provide the training element, with a powerful incentive to drivers to adopt more economical driving styles.



The future could be much brighter

At the CV Show, off-highway vehicle component supplier Britax plans to demonstrate a range of commercial vehicle lighting, particularly its growing range of LED solutions. The company will highlight advantages offered by LEDs over bulb-based products – including lower maintenance costs and lower current consumption. As LEDs do not need to be replaced in difficult locations or by the roadside, they give reduced health and safety risks – and lights can be left on for longer periods, without flattening the battery.

Weight watchers

Vehicle Weighing Solutions intends to show its onboard weighing systems at the CV Show 2012. These include the new axle overload protection system VOPS2, described as an innovative solution to the problems of safely loading lighter commercial vehicles.

VOPS2 can be retrofitted in three hours and is suitable for any four-wheeler in the 2.8 to 18 tonnes gvw range. Weights are displayed to the driver on a bright, clear in-cab M350S indicator. For vehicles with air suspension and fifth wheels, VWS also supplies Air Weigher.

Also on the company's stand will be the chassis weighing system Tradeweigh, and Envioweigh, an approved wheeled bin weighing and RFID system for charge-by-weight and bin monitoring. VWS vehicle trackers and telemetry systems interface to back office software, so operators can scrutinise bin weights in real-time.

WVTA celebration for Fuller Tankers

Fuller Tankers arrives at the CV Show with the news that the company has completed its first European Whole Vehicle Type approval on one of its recycling machines.

In doing so, Fuller Tankers becomes the first tanker manufacturer in the UK to achieve this approval with the Vehicle Certification Agency (VCA). The vehicle, which is based on a Volvo FM 6x2 chassis cab, means that customers will now be able to use a WVTA tanker before the 2014 statutory date, when new requirements are introduced to help harmonise construction standards throughout Europe.

The machine, a 2,900 gallon recycler, has a 6in hydraulic boom and a small vacuum pump for pressurising the tank. It also offers a high jetting capacity, with 150m of 32mm jetting hose.

Remote downloading

As its digiDL continues to be a major player for remote downloading of tachographs, Tachosys will demonstrate the kit in action.

The company claims that operators adopting digiDL no longer need to waste time manually downloading tachographs or collecting driver card data, because digiDL does all that in the background. The user decides a schedule for vehicles and driver cards, and the rest happens automatically.

Tachosys will also show prototypes of its next generation units, including hardware and software for smartphones and tablets.

Trio of technologies from Vigo

A provider of Windows-based software to the logistics and warehousing sector, Vigo Software will be displaying three new products: MIPs (management information portal), Deditrack (dedicated customer consignment tracking) and HeliosHub multi partner/depot solutions.



Birmingham



Keep an 'I' on Isuzu Truck

On its return to the CV Show this year, commercial vehicle manufacturer Isuzu Truck UK is bringing a new service for the UK market, with the introduction of 'I-Vision'. A newly created division within Isuzu Truck's UK organisation will be offering UK operators full telematics in the form of Isuzu Motors Japan's online Mimamori system.

"Designed for commercial vehicles, I-Vision will offer ... a comprehensive suite of additional information solutions," says Keith Child, marketing director at Isuzu Truck. "We have recognised that operators may require a total solution, which could include routing or job management. With this in mind, we are able to offer integrated systems, if required."

New MAN model for CV Show

As part of its 20th anniversary celebrations, MAN Truck & Bus UK will give people the first opportunity to see it new, limited edition, flagship tractor at the CV Show. The 'Corinthian5', as the vehicle has been named, will be available on both 4x2 and 6x2 MAN TGX tractors.

Based on the XXL cab, the Corinthian5 will offer a choice of MAN driveline technology, with D26 engines at 440bhp, 480bhp and 540bhp, and the MAN TipMatic automated gearbox.

Active safety features play an important role in the vehicle, with the company specifying lane guard system, electronic stability programme and adaptive cruise control to differentiate Corinthian5 from the more cosmetic stance often adopted in this niche of the market. An iPad2 is also included in every model.

Landing on its legs

Plastecnic Accesorios will use the CV Show to appoint UK dealers for its products. The company produces accessories for industrial vehicles. Its main products are onboard precision weighing systems, and aluminium landing legs and landing gear for vehicles with pneumatic suspension. These legs provide the same strength as iron legs, with a loading capacity of up to 25,000kg per pair, reducing the tare of vehicles by 110kg.

Third generation Wastemaster

Bandvulc says it offers an environmentally sustainable tyre solution, encompassing all aspects of commercial tyre requirements. Among its range of tyres at this year's CV Show will be the ever-popular Wastemaster MKIII.

These tyres have been improved over the last 20 years, in cooperation with Bandvulc customers, and are used extensively by cost-conscious councils in the UK, Germany and Holland.

Plough on to Taubenreuther

At the show, Taubenreuther will showcase its 4x4 mounted snow ploughs and gritters from SnoWay, which are controlled from inside the cab. The plough has its own inbuilt down-pressure system and the firm claims it is the only intelligent plough on the market.

Adapted to fit most European 4x4 vehicles, the ploughs offer an economical and adaptable solution to winter weather challenges, with full European vehicle type approvals.

Taubenreuther's range of globally approved OE roof rack systems and accessories will also be on display, both on vehicles and display racks. The company manufactures its own

winch mounting solutions for Warn winches that are all TÜV approved and custom-made for each model.

It also offers a variety of accessories that can make vehicles more useful workhorses. These include upgraded suspensions and clutches, pick-up hardtops, underbody protection plates and secure storage systems from TruckVault.





Be safe, be seen

Brigade Electronics' demonstration truck will be on display at the CV show this year, with all its latest vehicle safety products, including its wireless camera monitor systems.

These have been on the market for several years, but have suffered from poor quality pictures, caused by electrical interference. However, Brigade says that new digital technology has vastly improved the stability of picture performance and, following product testing, the firm is launching its new wireless system at the CV show. The system eliminates the need for suzie cables, saving up to two hours' fitment time. A re-pairing button on the receiver also allows for interchangeable trailers, making it suitable for multi drops.

Also on display will be Brigade's mobile digital recording system (MDR-304) that captures CCTV images – ideal for fleet operators frustrated by knock for knock claims, false claims and rising insurance premiums. The MDR-304 has been upgraded, now with 500GB hard disc and improved download speed, making it 10 times faster than before.

Lifting technology

Transdek UK will be showcasing working models at the CV show. These include its 6.5-tonne V2G (vehicle to ground) double deck lift, with integral load weight monitor (LWM), and 20-tonne double deck lift.

The company will be demonstrating the latest models of both lifts, highlighting their ease of operation, innovative design and integrated safety features.

"As well as providing cost-effective loading bay and lifting equipment solutions, we will be demonstrating how vehicle operators can more safely load double-deck trailers, using our load weight monitor technology," promises Mark Adams, managing director at Transdek UK.

The LWM has been integrated with Transdek's V2G solution, which is the only surface-mounted lift enabling loading and unloading of all vehicle types to ground level.

For moving larger volumes, Transdek's 20-tonne double-deck lift can handle up to 30 roll cages, with a capacity of 650kg, or up to 18 pallets, with a one-tonne payload.

Commercial clean-up

Find out how workshops can get paid for waste oil by OSS Group, and also get other waste collected free, by popping onto the company's stand at the CV Show. At the show, OSS Group will be offering special deals to cover waste oil and hazardous waste collection, spill kits and other products and services.

OSS will also use the CV Show to introduce a new vehicle parts washer for commercial vehicle workshops. A revised version of the company's 'big sink' model, this parts washer has a larger than standard sink (1,000mm x 704mm) and a built-in distillation system. This 'micro refinery' allows solvent to be 100% clean all the time. Dirty residue is drained into a tank and clean solvent can be reused; over and over again.

OSS Group also now provides aqueous brake cleaners, low hazard de-rusting solutions, paint gun cleaners and an automatic hotwash.

CV Show

Where: Birmingham NEC

When: 24, 25, 26 April 2012

Opening hours: 08.30–17.30

More information:

www.cvshow.com

www.transportengineer.org.uk



Pallet truck range on show

Visitors to Jungheinrich's stand at this year's CV Show will have the chance to see the VFG range of hydrostatic engine-powered counterbalance trucks, as well as other products from the materials handling systems specialist.

The trucks on show are powered by a Volkswagen engine, and feature self-contained hydraulic pump and motor systems that provide smooth and controllable acceleration, as well as braking. Unlike other forklift trucks with hydrostatic drives, Jungheinrich's hydrostatic components have been designed for forklift use – so they offer optimum performance over the life of the truck.

Also on show will be Jungheinrich's recently introduced lithium-ion powered pallet truck, the EJE 112i. Lithium-ion technology offers several environmental and productivity benefits over traditional lead acid batteries, not least the unit itself, which weighs just 14kg.

Charging is quick and simple – it takes just 30 minutes to deliver a 50% charge and the battery is fully charged within 80 minutes. That enables more flexible truck use and 'opportunity charging' – something that will be very welcome at sites running multiple shifts.