Measuring modules

NEXTSENSE: The NextSense Mess- und Prüfsysteme will be unveiling a wheel diameter module for its Calipri measuring device. The Austrian company spent two years developing the module after finding that systems on the market had not been designed for mobile use or were not accurate enough.

On show will be true-running/concentricity and wheel defect modules, as well as various track measuring modules. Also available for inspection will be the successful wheel profile, brake disc, inner space and tyre thickness modules.

Smarter springs

CONTITECH: The first air spring bellows to incorporate an electronic data carrier will be the star of Continental's stand. Every spring system can be uniquely identified, with information updated whenever it is serviced.

What product information can now be monitored electronically and remains fully accessible throughout the component's entire service life, despite contamination and wear, explains Friedrich Hoppmann, head of ContiTech Railway Engineering unit. The transponder chip can withstand high temperatures in the manufacturing process as well as corrosion and shrinking in service.

Stop and go

FEDERAL-MOGUL: The theme of Federal-Mogul's stand is 'Stop and Go' — we keep them rolling and we stop them all. The group is looking to transfer its experience from the car and aviation industries into the rail sector under a variety of brands.

The group's Goetze brand will be showing new piston rings of 160 to 300 mm diameter which seal the combustion chamber and ensure lubrication of the cylinder wall for long operational life in the harshest conditions.

Bentley Harris will highlight the recently launched Renewlit WG 2000, which provides EMC shielding for wiring harnesses and meets stringent fire regulations.

The lighting product group will be at InnoTrans for the first time, aiming to position its automotive lighting in the rail industry. The National brand will also make its debut, showing dynamic seals for roller bearings including grease seals used on wagons in North America, India, China and Russia.

Lift, move and walk

MECHAN: A range of depot lifting and handling equipment will be on show to the British pavilion, as part of a delegation supported by the Railway Industry Association and UK Trade & Investment.

Mechan is organising a competition to find the delegate who walks the furthest around the 'notoriously large' stands site. Visitors to the Mechan stand will be given a pedometer to return at the end of each day, with a daily prize for the person who has walked furthest and an overall winner at the end of the show.

"We have worked hard to improve our profile at home and abroad," said Managing Director Richard Carr. "This event will be an excellent opportunity to expand our presence further and we are really looking forward to meeting key representatives from the world's leading transport specialists."

Data on the move

CN-CONSULT: Two telematics innovations have been developed to supplement the established DiLoc|Rail asset location and management system.

The DiLoc|Sync platform can provide netbooks used by drivers and other mobile staff with schedules, instructions or speed restrictions in near real-time. Combining GPS with web-based services and mobile terminals provides further opportunities for resource optimisation, with drivers kept informed of the status of the next train they will take over.

DiLoc|Outdoors transmits information directly to mobile outdoor terminals to enable wagon inspectors to be supported during freight train formation or brake testing. Tracking system DiLoc|Rail has been upgraded to offer the possibility of creating annual timetables with daily adjustments.