

Press release

IAA Nutzfahrzeuge 2006, Hanover

JOST

Innovative sensor technology for increased safety – new products, proven technology

With its brands of JOST, ROCKINGER and Regensburger Zuggabel, JOST will this year be presenting a range of innovative sensor applications, in addition to newly developed products. The focus is on increased safety on our roads. The new solutions make day-to-day working both more convenient and efficient .

Neu-Isenburg, September 2006. – The Comfort Coupling System (KKS) is once again the focal point of the presentation. The automatic coupling and uncoupling monitored by sensors significantly increases both safety and comfort. With a further innovation, the Easy Connect, JOST has now also simplified the uncoupling of truck and trailer. The driver can pull the lines towards himself, which are accommodated in a slider. Climbing onto the platform between truck and trailer in order to get to the connections is no longer required. The proven KKS is perfectly complemented by the Easy Connect.

In connection with sensor technology the FLASHTRONIC is also a new product. An easy-to-read, visual display for the correct seating of the closure hook ensures safety additionally in the process of coupling and uncoupling.

In the case of sensor couplings, only cast couplings have so far been equipped with sensor monitoring. JOST is now equipping the product line of plate metal fifth wheel couplings with the sensor technology. These couplings are used especially for the British and Scandinavian markets. This guarantees the maximum possible safety, thanks in particular to the sensor for the handle lock.

Other new JOST fifth couplings also include the JSK 26 and JSK 27. Specially designed for the area of transporters up to 6t fifth-wheel load, these couplings are also suitable for forced steering.

The LUBETRONIC automatic lubrication system has now become an integrated, automated lubrication system for a wide range of different applications. For example, the LUBETRONIC can now supply the complete coupling including the contact surface with the ideal lubrication at all times. The new LUBETRONIC also demonstrates its benefits with many ROCKINGER couplings, minimising wear and making day-to-day work easier.

JOST will be presenting two newly developed couplings under the ROCKINGER brand. The RO*40E uses the already long proven release lever technology, which means a significant improvement in safety and efficiency. With this closure technology, the bolt is only actuated when the towing eye has actually reached the correct position in the coupling. This avoids repeated climbing in and out of the cab because of errors actuation of the bolt, but even more importantly dangerous coupling errors. ROCKINGER has many years of experience in release lever technology – which is now being used for the first time in a 40 mm coupling which also achieves EC approval.

The second innovation in this field is the RO*50 BNA, a 50 mm towing hitch for BNA ring towing eyes, which is particularly important for the French market. The RO*50 BNA is slack free, and is the first coupling of this design to achieve EC approval. It is particularly suitable for high stresses, and can be installed on the traverse, together with the hydraulics – i.e. without prior dismantling.

Both the RO*50BNA and the RO*40 E are equipped with a rotatable pin, which ensures constant wear and thus a longer working life. Both couplings have been prepared for the new sensor technology.

An overview of these innovations and many other interesting solutions can be seen on the JOST stand at the IAA Hannover 2006, Hall 26, Stand D 34.

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