

Press Release
Automechanika Dubai
September 2023

JOST at Automechanika Dubai: Customised Innovations and Solutions for Middle East

At Automechanika Dubai, taking place from 2nd to 4th October, JOST will be showcasing innovative new assistance systems, in addition to its wide-ranging proven product program with components and systems for commercial vehicles. The automatic coupling system KKS will be presented for the first time in the MENA region. Other highlights of the JOST exhibition stand A34 in Hall 2 are the electric landing gear Modul E-Drive, the weight-optimised axle DCA WEIGHTMASTER PLUS and the new drum modular axle JOST DMA.

The JOST brand has been established in the Middle East market for many years. In November 2022, JOST expanded its global network with the formation of JOST Middle East FZCO in Dubai. With the site in Dubai, there is a local branch which can act immediately and is available at all times for customers. Farah Kik, Managing Director JOST Middle East FZCO, is even more looking forward to Automechanika Dubai: "The customer's requirements in Middle East are growing. JOST Middle East FZCO sells proven JOST products, such as fifth wheel couplings, landing gears, towing hitches, king pins and trailer axles, which are also available for heavy duty applications. We are pleased to be represented again at the key exhibition Automechanika Dubai with our intelligent assistance system KKS and proven solutions."

Automatic coupling system KKS with new KKS-U Connector: faster, safer, more efficient

Premiere in the MENA region: At Automechanika Dubai JOST presents the KKS to the audience for the first time. The KKS enables drivers to couple and uncouple semi-trailers via remote control without leaving the driver's cabin, automatically, safely and quickly. The driver is guided through the entire coupling process, with sensor technology providing live information on the KKS remote control throughout every step of the process. For example, the support plate sensor indicates that the trailer plate is touching and the position of the king pin is also monitored by sensors. Climbing out of the cabin to manually open the fifth wheel, cranking down the landing gear and manually connecting the spiral cable, air and brake connections are all a thing of the past for drivers. Time, comfort and safety gains are made possible with just one product.

JOST Modul E-Drive: the electric landing gear for enhanced convenience and safety

JOST will also exhibit the Modul E-Drive electric landing gear, which is available both individually and as part of the KKS system. Modul E-Drive eliminates strenuous manual cranking and makes coupling and decoupling the semi-trailer easier. Easy to operate at the touch of a button, Modul E-Drive is ideal for trailers that need to be coupled or decoupled frequently. The landing gear drive also shuts down automatically in the event of ground contact or when the landing gear is fully retracted. Differences in height between the trailer and the tractor can be compensated using the vehicle's pneumatic

suspension or manual cranking in a low gear. The electrical landing gear operates effortlessly at every outside temperature. It incorporates the highly reliable Modul components and is available in various mounting heights. The Modul E-Drive's internal drive requires no maintenance. Thanks to the long-term lubrication applied in the factory and the wear-resistant design, life-cycle costs are very low.

DCA WEIGHTMASTER PLUS: new weight-optimised axle

Reducing emissions, protecting resources and maximising efficiency were the key aims when developing the lightest axle in its class. The optimised structure of the entire axle reduces the trio weight by 51 kg. In combination with the optional Weight Optimiser 27, the air bellows support with a lightweight aluminium tail end structure, further weight savings of 27 kg are possible in the trio. The highlight of DCA WEIGHTMASTER PLUS is its wheel head with optimised weight, wear properties and performance. This includes the new DCA X7 brake, the lightest brake in its segment. The aim during its development was to achieve ideal interplay between the brake disc and lining, thereby reducing emissions while maximising the payload and performance.

The PLUS series of DCA axles offers benefits for all trailer applications. That is why it is not limited to the WEIGHTMASTER series. The new features will also be available for DCA AIRMASTER, DCA STEERMASTER, DCA PAVEMASTER, DCA MEGAMASTER and DCA RAILMASTER.

JOST DMA: new drum modular axle

In order to provide the right solutions to meet the needs of customers all over the world, JOST is adding the DMA series drum modular axle to its axle portfolio. The drum modular axles in the DMA series ensure maximum flexibility for every transport application because they can be combined with suspension systems from the DLS range. The drum modular axle combines a robust tubular axle with a modular leaf spring system, which can be adapted to match the customer's individual specifications. The DMA's most striking feature is the external brake drum design, which allows the brake linings to be replaced without having to disassemble the wheel hub – making it extremely easy to service and maintain. In addition, the proven brake design requires minimal repair effort and offers maximum benefit to customers.

To ensure optimum brake performance at all times and enable ideal wear behaviour, great emphasis has been placed on the interplay between the brake drum and lining during development. This is supported by gradual interaction with an automatic, self-regulating slack adjuster, which controls the brake pressure depending on the wear conditions.

JOST World stand: Hall 2/ stand A34

Image material:

Automatic coupling system KKS:



Modul E-Drive:



DCA WEIGHTMASTER PLUS weight-optimized axle:



DMA drum modular axle:**About JOST:**

JOST is a world-leading producer and supplier of safety-critical systems for the commercial vehicle industry. Under the umbrella brand of JOST, the comprehensive range of products is broken down into systems for applications on the road and in agriculture:

The JOST brand includes fifth wheel couplings, landing gears, ball bearing turntables, king pins and container locks as well as components for alternating systems. Truck and trailer axles are also sold under the JOST brand. The tradition-steeped ROCKINGER brand comprises the core components of towing hitches, drawbar eyes and drawbars for transporters and trucks. TRIDEC offers steering systems and axle suspensions for trailers.

ROCKINGER products are also used in agricultural applications. Quicke has been part of the JOST family since February 2020 and specialises in agricultural front loaders and equipment.

JOST currently employs over 3,600 staff worldwide and has sales and production sites in over 20 countries and on all five continents. JOST has been listed on the Frankfurt Stock Exchange. Further information on JOST can be found here: www.jost-world.com

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