

Press release
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Agritechnica 2023: Quicke and ROCKINGER present innovations for front loaders, implements and towing technology

At the world's leading trade show for agricultural technology, the two strong JOST brands in the agricultural sector will be showing their product highlights at one stand for the first time. From 12 to 18 November, the international public can experience the Quicke and ROCKINGER innovations live at exhibition stand C15 in Hall 6. Joachim Dürr, CEO of JOST Werke SE, said: "Agriculture produces the majority of our food. In the future, it will be necessary to make its operation even more ecological, efficient and productive. Quicke and ROCKINGER products contribute to sustainable progress with their high performance, low wear and maximum safety. Farmers benefit from efficient front loaders, implements, intelligent driver assistance systems as well as attachment and hitch systems from a single source."

Visitors of the Agritechnica can see these forward-looking technologies for agriculture:

Quicke

- **Powergrab M+/L+/XL+**
- **Multigrab M+**
- **Q9S**
- **Quicke Control System – QCS**
- **Q-companion**

ROCKINGER

- **RO845D automatic 50mm hitch with camera system & pneumatic**
- **RO841B automatic 40mm hitch with camera system & pneumatic**
- **Low-maintenance calotte KS80 with wear insert**
- **80mm ball hitch KS80 with safety sensor**
- **Three-point linkages**

Quicke innovations

Three new bucket grabs get it done: Quicke Powergrab M+/L+/XL+

Quicke is expanding the successful Powergrab series with the Powergrab L+ variants for loaders with a lift capacity of up to 5.5 tonnes and Powergrab XL+ for loaders with a lift capacity of up to 10 tonnes. Both newcomers are designed as powerful bucket grabs for silage handling with large front loaders, telescopic handlers and wheel loaders. As highly efficient tools for silage removal, the new Powergrab

models are ideally suited to farms with high feed rates. Their cylinders can handle all types of silage – grass and corn silage, loose feed and liquids. The first-class workmanship is extremely robust – The well-proven design minimises disruptions to productivity and creates reassuring reliability. In addition, there is a cut-out in the grabber that also enables use on loaders with Z-link kinematics - making the new Powergrab versions a particularly attractive solution for a wide range of customers. Both Powergrab L+ and XL+ are available with the M24 bolt-on hook-system, which allows them to be used with all common loading machines. With the Powergrab L+ and Powergrab XL+, the Swedish agricultural machinery specialists are particularly addressing farmers who have high power requirements and want to operate with extra efficiency. The new Powergrab models support a particularly high silage removal frequency, minimise silage losses and are specially designed for long-term high-performance use.

The third and youngest of the bucket grabs is the Powergrab M+, which fills the gap for silage handling with medium-sized handlers in the Powergrab range. Powergrab M+ is designed for use with front loaders, compact wheel loaders and up to medium-sized telehandlers.

Multi-functional bucket with top grab: the clever Multigrab M+

The Multigrab M+ is the ideal solution for handling solid manure, silage and waste. The intelligent basic concept of the multi-functional bucket grab and clever accessories take farming to the next level. The Multigrab M+ is designed for use with front loaders, compact wheel loaders and up to medium-sized telescopic loaders.

A new member for the premium Q Series front loader: the Q9S

The new Quicke Q9S loader is specifically dedicated for tractors from 160 hp to 300 hp. Enlarged loader width of 1 420 mm allows fitting this loader on tractors with large bonnets and ensure enough space for maintenance. It also provides excellent visibility and perfect match with nowadays tractor bonnet using loader arm curved shape. The Quicke Q9S adopts mechanical self-levelling solution that provides simplicity, reliability and increased lifting force compared to loaders without mechanical self levelling. Quicke Q9S has been designed to handle tasks which needs high lifting height and lifting capacity. This makes the Quicke Q9S able to handle with a wide variety of heavy tasks performed within professional farms. Smart features embedded on Quicke Q9S ensures the expected reliability for such handling machines. State-of-the-art options such as the Q-Companion weighing system and the optionally available driving assistance take the farmer to the next step of digital and connected farming.

Quicke Control System – QCS: robust controls for Smart Farming

Years of field testing and experience in developing innovations are the building blocks of the QCS intelligent control system. The QCS program includes joysticks, valves and multi-couplings: from the simple and cost-effective mechanical loader control Q^M-command to the ergonomic all-in-one Q^E-command, the new electronic joystick. Robustness, performance and user-friendliness are the focus of the loader controls. The Quicke system simplifies all front loader tasks to the maximum. Whether harvesting, clearing fields, feeding livestock or fast data collection and cloud transfer: The QCS automates repetitive tasks and material weighing and optimises implement settings individually. The

simple joystick operation relieves the farmer to the maximum. This is smart farming at the touch of a finger.

Q-companion: Facilitating daily work

The Q-companion is a real fellow. The operator support system uses sensors in the front loader to indicate the exact implement position and lifting height. It also dynamically determines the weight of the load with enormous accuracy during the lifting process. Another advantage is the simple data recording at the touch of a button: via Bluetooth, Q-companion transmits the work data, such as weight and time spent, to the cloud for easy further processing on a computer or tablet. Maintenance reminders based on the loader's actual use minimise the risk of failure with minimal effort. The farmer can store up to 30 implements in the display. Q-companion is compatible with all Quicke tractor controllers and loader control systems, for example the Q^E-command electronic loader control system. The combination of Q^E-command with Q-companion sets new standards for precise, intelligent and efficient loader controls.

ROCKINGER innovations

RO845D automatic 50mm hitch with camera system & RO841B automatic 40mm hitch with camera system

Because millimetres matter, reversing and coupling can be a challenge even for experienced drivers with a standard trailer hitch. The ROCKINGER RO845D hitch is the first automatic 50mm trailer hitch with an integrated camera system that solves exactly this problem. The calibrated camera system detects the drawbar eye and gives the user a spatial orientation during the coupling process. With the help of the crosshairs, the towing eye can be aligned and the centre of the trailer can be approached. In addition, the area for the optimum height of the vehicle to the towing eye is displayed with the aid of the green guide lines, which in total means a significant increase in driving comfort as well as the level of safety.

The automatic 40 mm hitch with RO841B camera system also enables a more efficient and safer hitching process. In addition, the optional pneumatic remote control supports the opening and closing of the hitch powerfully and comfortably. The farmer can operate the camera systems intuitively. They help him to avoid accidents and damage.

Less grease and less wear thanks to the low-maintenance calotte

The lubrication of a KS80 ball hitch is necessary, but grease magically attracts dirt, which in turn leads to higher wear. By using the ROCKINGER calottes with wear insert, no further lubrication is necessary. This results in less wear on the KS80 ball and saves up to eight cartridges of grease per cap per year. The insert eliminates the need for lubrication and prevents high costs for regeneration of the coupling. For maintenance, the ball and draw cup only need to be checked with a gauge. ROCKINGER recommends changing the wear insert once per season. This makes the KS80 a sustainable, environmentally friendly and cost-effective solution.

KS80 ball hitch with safety sensor provides extra safety, comfort and sustainability

Anyone who has ever used a KS80 ball hitch knows that in rare cases it may not be properly locked. This danger can result in accidents. The ROCKINGER KS80 ball hitch with safety sensor shows the correct locking status of the hold-down device of the KS80 ball hitch on the display in the driver's cab. Incorrect operation and resulting damage to the KS80 coupling, the towing vehicle and/or loss of the trailer are ruled out. The system operates completely wirelessly, including a dirt- and waterproof unit (IP-69-K). The versions currently still in the prototype phase are suitable for heavy-duty use with 4 t drawbar load and a D-value of up to 130 kN.

Three-point linkages

ROCKINGER will also be presenting three-point linkages for the first time at Agritechnica. In this year's integration of LH Lift, an established Finnish supplier and manufacturer of three-point linkages and hitches for agricultural tractors, the product portfolio will be expanded to include lower link arms, top links, stabilisers, lift rods and quick coupler hooks.

JOST Agriculture stand: hall 6 / stand C15**Image material****Quicke****Powergrab M+ for medium-sized handlers**

Powergrab L+ for loaders with a lift capacity of up to 5.5 tonnes



A true fellow: the Q-companion



New electronic joystick: the ergonomic all-in-one Q^E-command

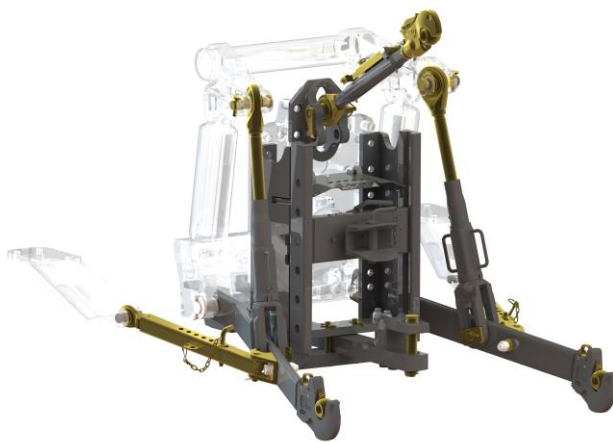


ROCKINGER

RO845D automatic 50mm hitch with camera system & pneumatic



Three-point linkage



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 the transport as well as agriculture and construction industries:

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.

Products of the ROCKINGER brand are also used in agricultural applications and equip agricultural vehicles from hitches to three-point linkages.

The Quicke brand specialises in agricultural front loaders and equipment. This additionally includes products for the mining, construction and forestry machinery industries.

JOST currently employs over 4,500 staff worldwide and has sales and production sites in over 25 countries and on six 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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