

Press release

Kögel introduces the NOVUM-generation Cargo Rail

Burtenbach, 04 June 2019

- **The Kögel Cargo Rail: multimodal trailer**
- **Heavy-duty RoRo equipment: individual and extremely robust**
- **Kögel Telematics: transparency within the supply chain**

A Kögel highlight at transport logistic 2019 is the Kögel Cargo with RoRo equipment. The Cargo Rail has of course also undergone the NOVUM-generation upgrade. The optimised external frame profile and the improved body not only make the Kögel Cargo Rail even more robust, but also simplify handling in daily use. In addition, the NOVUM-generation Cargo Rail scores with a very high degree of customisation and can thus be adapted to the specific requirements of forwarding companies. The trailer also makes a significant contribution to protecting the environment and to reducing CO₂emissions. Thanks to its versatility – it can be used on roads, railways and ships – you can take optimum advantage of ferry and rail transport on main routes, and benefit from the truck's flexibility for both pre-carriage and onward carriage.

Frame in Rail design

The Kögel Cargo Rail trailer comes with a highly stable, lightweight steel frame and a 120-millimetre-high frame neck. Of course, as a multimodal trailer, it also features the optimised external frame profile and improved body characteristic of the NOVUM-generation trailers.

In its basic form, the trailer has a tare weight starting at approx. 6,350 kilogrammes. The floor load-bearing capacity is designed to withstand high fork-lift axle loads of up to 7,200 kilograms. In addition to the well-

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known advantages of the NOVUM generation – such as the new air and lighting console on the front wall, which transfers the forces into the frame via the side members, the new external frame profile, which greatly improves the accessibility of the VarioFix lashing points, and the variable lattice pockets – the Kögel Cargo has extensive standard equipment. The 13 pairs of lashing shackles, included as standard, are now available with grip hooks at the sides for easier handling, and have a tensile force of 2,500 kg. The transport logistic showpiece features optimal load-securing, with the VarioFix perforated steel external frame equipped with an optional 24 pairs of lashing shackles, each shackle affording 2,500 kg of tensile force.

The gripper edges integrated into the frame, a gripper jaw tarpaulin protection made from aramid fabric and special axles in a rail design allow loading the NOVUM-generation Cargo Rail onto rails. This design makes the trailer ideal for flexible loading on the most prevalent rail pocket wagons and for a trestle height of 980 millimetres. Of course, the semi-trailer is also certified according to DIN EN 12642 Code XL and therefore also designed for transport on express freight trains with a speed of up to 140 km/h.

Other individual equipment at the trade show exhibit

The Kögel Cargo Rail can be fitted with heavy-duty RoRo equipment for unaccompanied ship and ferry transport. This includes a diagonal reinforcement between the side members and external frame, a 10 mm closed sliding plate, a 10 mm fifth-wheel plate, two suction valves and four pairs of heavy-duty lashing rings with 12,000 kg of test force. Mechanically reinforced semi-trailer supports in a ferry design with rollers completes the RoRo equipment.

The Strong & Go body option can also be seen on the Kögel Cargo Rail. This combines the innovative body of the NOVUM generation with a Kögel integral roof tarpaulin reinforced with stiffening belts. Thanks to this solution, lattices are no longer required to comply with DIN EN 12642

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Code XL and Daimler Guideline 9.5 for the transport of pallet cages and strapped loads. For certified beverage transport, only one row of lattices is required for single-level and double-level beverage crates on standard pallets with the Strong & Go body, instead of three or four rows with the normal body.

To improve road safety and prevent turning accidents, this lightweight trailer is equipped with optional flashing side marker lights. The Kögel Cargo Rail is fitted with the new Kögel EasyFix Stopper for quick and easy securing of the sliding roof when open. The Kögel EasyFix Stopper not only holds the sliding roof securely in position, but also allows you to close it easily after completing the loading process, without having to unlock it again. This system increases efficiency and safety during loading and unloading. Further individual features include a 720-millimetre-long transition plate mounted above the rear end beam, a rear portal with steel posts, reinforced steel rubber bumpers, an 8-millimetre-thick transverse steel angle over the entire width mounted in the middle of the frame end plate, locking cam protection, tarpaulin cables with two mounts, Kögel LUXIMA-LED multi-chamber locking lights and much more.

Kögel Telematics

The Kögel Cargo Rail can be equipped with Kögel Telematics. Thanks to the BasicTrailer telematics package, which combines PosControl, TrailerControl and EBSControl services, the Kögel trailer telematics module sends our telematics web portal data such as real-time position, coupling status and EBS. What's more, the Kögel Telematics Connectivity database allows you to feed all the acquired data not just into the web portal and other fleet management systems but also to import it – in real time – into existing processes and a host of software systems.

Wide range of variants and customised equipment

The NOVUM-generation Kögel Cargo Rail is available in other variants and of course with a wide range of customised equipment. This includes,

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for example, various load-securing packages, RoRo equipment, platform gates, TIR equipment, a coil trough and much more.

Cathodic dip-paint coating: lasting protection from corrosion

On the Kögel Cargo Rail, the entire vehicle frame is given long-lasting protection against corrosion by nano ceramic and cathodic dip-paint coating, supplemented with a coat of UV varnish.

Photo: The NOVUM-generation Kögel Cargo Rail

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Kögel is one of the leading trailer manufacturers in Europe. Since it was established in 1934, the company has manufactured more than 550,000 trailers. With its commercial vehicles and solutions for freight-forwarding companies and the construction industry, the company has been providing 'Made in Germany' engineering quality for more than 85 years. During this period, it has maintained its passion for transport and innovation, enabling it to offer proven, long-lasting added value to freight-forwarding companies. The company headquarters and main production facility of Kögel Trailer GmbH are located in the Bavarian town of Burtenbach. Kögel also has factories and offices in Ulm (Germany), Duingen (Germany), Chocen (Czech Republic), Verona (Italy), Kampen (Netherlands) and Moscow (Russia).

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