**Press Release**

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Schmitz Cargobull AG
**Schmitz Cargobull tipper semi-trailer for even greater payload**

* **With TrailerConnect® trailer telematics**
* **With digital on-board weighing system**
* **With cargo area and rear area camera**

June 2024 – The Schmitz Cargobull S.KI tipper semi-trailer is winning over customers with its improved payload capacity, together with its convenient ease of use, and enduring and reliable product quality. This weight-optimised and universal construction-site vehicle boasts a loading volume of 24 m³. Its external pendulum tailgate is specifically designed for partial unloading. It features a Schmitz Cargobull electric sliding tarpaulin, which is popular with drivers for time-saving and safe opening and closing of the tarpaulin by remote control.

Schmitz Cargobull is equipping all S.KI tipper semi-trailers with the TrailerConnect® trailer telematics system as standard. Apart from enhanced vehicle safety, this includes various monitoring and control functions that can be individually configured to meet customers’ needs. Alongside standard functions, including recording EBS operating data or the tyre pressure monitoring system (TPMS), optional functions, such as Tilting Assistant or the brake pad wear indicator, are now also available.

The TPMS monitors the tyre pressure in real time and warns of sudden or gradual loss of pressure. An early warning via the TrailerConnect® portal, by email, text message, the beSmart app for drivers or the beUpToDate app for dispatchers, increases safety for all road users and freight. This helps to avoid flat tyres and costly consequential damage, at the same time as minimising tyre wear and fuel consumption.

Schmitz Cargobull’s Full Service contract includes the replacement of the TPMS system in addition to other known benefits, such as the assumption of costs for the

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replacement of worn tyres, regular fleet checks, and the Europe-wide breakdown service.

**Digital on-board weighing system**

To prevent overloading and ensure optimum loading, Schmitz Cargobull is making a new on-board weighing system available as an option. Vehicles, as well as roads, are thus subject to less wear and tear, at the same time as avoiding heavy penalties for overloading. The on-board weighing system allows the driver to determine and document the tipper semi-trailer's payload at the location where the vehicle is loaded. As such, it is no longer necessary to drive to a stationary weighing system, thus saving time.

Correct loading increases driving and road safety as well as economic efficiency. The equipment and make of the towing vehicle are irrelevant for the correct functioning of the weighing system. The on-board weighing system records the load on hydraulic cylinders and chassis to determine the payload of the vehicle. This weighing system, which is calibrated ex works, is particularly economical for customers and robust enough to withstand the tough everyday operating conditions of a tipper semi-trailer. Operation is intuitive using a smartphone or tablet on the beSmart app. The loading data recorded can be accessed by the driver immediately after weighing. All data is then transmitted to the TrailerConnect® portal and processed there.

**The electro-pneumatic underride guard** with sensors and LED position indicator now features optimised mechanics and a cable guide. The system records the driving and unloading position, displays this clearly to the driver in their rear-view mirror, thus assisting driving and unloading operations.

**Cargo area and rear area camera systems**

Cargo area and rear area cameras are optionally available for increased work safety. The cargo area camera provides a convenient overview of the load in the body. This reduces the risk of accidents for the driver as they can track the loading process via the camera from the comfort of their cab. A reversing camera provides the necessary overview and protects against ramming damage when tipping or reversing. At the same time, this increases road

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safety, as the camera brings objects or people behind the trailer that cannot be seen in the exterior mirror into the field of vision.

All the necessary operations can be carried out from the cab, which ensures a safe and ergonomic working method for the driver. This is thanks to the innovative equipment consisting of pneumatic underride guard, electric sliding roof, on-board weighing system and supporting camera systems.

The steel chassis frames of the S.KI tipper semi-trailer have always provided an ideal balance between weight optimisation, robust durability and tipping stability in daily use. With its galvanised S.KI frame generation, Schmitz Cargobull is granting customers a ten-year warranty against rust-through. Painted frames also offer better protection against corrosion. Customers will benefit from a high resale value thanks to lower loss of value. Four different frame lengths are available (system lengths of 7.2, 8.2, 9.6, 10.5), depending on the application, load level and required body volume. In addition to the STANDARD version, a LIGHT version for especially high payloads or a HEAVY-DUTY version for particularly heavy-duty use are also available.

**Weight-optimised rounded steel body on the market for two years**

The robust and universal rounded steel body with a loading volume of 24 m³ for use on construction sites with a weight saving of at least 180 kg\* was launched at the IAA 2022 and has since proved itself in everyday practical use. The wide flat floor ensures a lower centre of gravity, helping to ensure optimum handling and even wear. The redesigned upper lips now feature an enhanced cross-section to increase vertical and horizontal rigidity, making the rounded steel body even more stable.

Lateral deformation of the upper lips as a result of load pressure has been significantly reduced, meaning they run a lot better and sliding-tarpaulin-style body covers are now even safer. The design of the tailgate has also been optimised to cope with the tough operating conditions in bulk transport.

*\* Reference vehicle (S.KI Solid 7.2 with a dropside height of 1,460 mm and floor/side wall combination of 5/4 mm with external tailgate)*

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**About Schmitz Cargobull**

Schmitz Cargobull is the leading manufacturer of semi-trailers for temperature-controlled freight, general cargo and bulk goods in Europe, and a pioneer in digital solutions for trailer services and improved connectivity. The company also manufactures transport cooling units for refrigerated box body semi-trailers for temperature-controlled freight transport. With a comprehensive range of services from financing, spare parts supply, service contracts and telematics solutions to used vehicle trading, Schmitz Cargobull supports its customers in optimising their total cost of ownership (TCO) and digital transformation. Schmitz Cargobull was founded in 1892 in Münsterland, Germany. The family-run company produces around 60,000 vehicles per year with over 6,000 employees, and generated a turnover of around €2.6 billion in the 2022/23 financial year. The international production network currently comprises ten plants in Germany, Lithuania, Spain, England, Turkey, Slovakia and Australia.

**The Schmitz Cargobull press team:**

Anna Stuhlmeier +49 2558 81-1340 I anna.stuhlmeier@cargobull.com

Andrea Beckonert +49 2558 81-1321 I andrea.beckonert@cargobull.com
Silke Hesener +49 2558 81-1501 I silke.hesener@cargobull.com