**Press Release**

**2023-509**

Schmitz Cargobull AG  
**Smart equipment for securing vehicles and their cargo**

May 2023 – Schmitz Cargobull offers additional equipment for supporting the safety of vehicles and goods:

**Flashing side marking lights (required by law from 2024)**

Schmitz Cargobull already equips its trailers with flashing side marking lights as standard for early recognition of turning manoeuvres. These are designed primarily to help prevent accidents that occur while turning. For example, cyclists riding next to the trailer can become aware of the turning manoeuvre much earlier thanks to the flashing side marking lights, enabling them to respond accordingly.

**Dynamic ramp protection**

Almost 40% of all Schmitz Cargobull customers have now opted for the dynamic rear ramp protection (DRP). In the new 3.0 version, the conical roller bumpers cushion the impact with the ramp as well as the movements caused by loading carried out with a forklift even more continuously and gently. The tail end of the trailer is protected, which sustains the resale value. The modular rear body enables individual parts to be retrofitted where necessary. This reduces both downtime and costs in the event of repairs.

**Immobilizer**

The new optional immobilizer protects the trailer from theft or unauthorised movement. After parking, the lock is activated in a few seconds and the wheels of the trailer are locked. The lock can be activated or deactivated with a PIN directly on site by the driver or remotely via TrailerConnect® Portal.

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**“Pharma” utility package**

Schmitz Cargobull box body semi-trailers are certified for the transportation of pharmaceutical products.

Refrigerated trailers automatically receive all relevant pieces of equipment with this package. When transporting pharmaceutical products temperature reliability has the highest priority and transporters are required to adhere strictly to the defined temperature ranges. Calibrated temperature sensors are installed in the trailer to detect any fluctuations early on, ensuring the control and constant monitoring of the goods.

In addition to seamless and sustained temperature monitoring, good air and temperature distribution is just as important as compliance with the special hygienic requirements placed on the S.KO COOL box body semi-trailer. The cooling unit is another important piece of equipment. The Schmitz Cargobull S.CU transport cooling unit has a high cooling and heating capacity with two or four pharmaceutical-grade, specially calibrated temperature sensors, temperature recorders and, as an option, a Schmitz Cargobull multi-temp partition wall and a circulation wall for verified air and temperature distribution in the body. Here, Schmitz Cargobull not only offers its own transport cooling unit, but also all common third-party models.

**CIS Cargobull Interface System**

The CIS is used to monitor data such as the charge level of the cooling unit’s battery.   
To help ensure that operation of the cooling unit is not interrupted and, in turn, that goods   
are kept at the right temperature, the cooling unit’s battery is monitored. If the charge level is critical or if a pre-set threshold is reached, periphery devices are switched off first, followed by the TrailerConnect® unit to help maintain the cooling performance as long as possible.

The CIS is also used for tractor unit recognition. If the tractor unit is equipped with a corresponding RFID tag, the built-in receiver can identify the tractor via radio signal and displays this information in the TrailerConnect® Portal. In addition, the CIS has a wireless LAN repeater that ensures an optimum range and stability of the telematics unit’s wireless LAN. The increased availability and stability of the wireless LAN offers the driver a much

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more comfortable use of the functions of the portal features, especially via the beSmart app on their smartphone.

**Solar panel**

A solar panel on the Schmitz Cargobull S.CU transport cooling unit helps to prevent deep discharging of the cooling unit’s starter battery. Due to long idle times, especially in winter,   
or through additional loads such as a temperature recorder, discharging of the starter battery can occur. If deep discharging does occur, the battery will be damaged and have to be

replaced. With the new S.CU solar panel, such complicated and costly situations can be avoided. The starter battery of the S.CU transport cooling unit is charged with the help of the solar panel and, as a result, remains operational for a longer period of time. The S.CU’s solar module is installed directly on the cooling unit. This has the advantage that the trailer’s overall height is not affected. Thanks to the tilt angle of the panel, soiling as well as snow and ice accumulation is minimised, which means that its efficiency is not affected even in winter. Another advantage is that the solar module can also be retrofitted on existing S.CU transport cooling units. Schmitz Cargobull has put together a special retrofit kit that customers can order from their Schmitz Cargobull service partner and then have it installed.

**About Schmitz Cargobull**

With an annual production of around 61,000 trailers and with approximately 6,900 employees, Schmitz Cargobull AG is Europe’s leading manufacturer of semi-trailers, trailers and truck bodies for temperature-controlled freight, general cargo and bulk goods. The company achieved sales of around €2.3 billion in the 2021/22 financial year. As a pioneer in the industry, the North German company developed a comprehensive brand strategy early on and consistently established quality standards spanning every level: from research and development, through production and service contracts, to trailer telematics, financing, spare parts, and used vehicles.

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