**Press Release**

**2024-705**

**Agile, low and light – tipper trailers for high-volume transport**

**Schmitz Cargobull offers the S.KI LIGHT tipper semi-trailer with an aluminium box body – specifically for transporting agricultural products in confined traffic conditions. The tapered frame design provides for low loading, floor and overall heights, while the fifth wheel height remains unchanged. The tyre pressure monitoring system (TPMS) is now available with auto-location function.**

September 2024 – The enhancements to the S.KI LIGHT tipper semi-trailer with an aluminium box body (AK) are Schmitz Cargobull’s response to growing demand for vehicles used for high-volume transport jobs, particularly in the agricultural sector. Since 2018, the trailer with a tapered chassis has also been available with the proven Schmitz Cargobull axle. The tapered chassis model series is available in the system lengths of 8.2, 9.6 and 10.5 metres. A special 80 mm offset at the height of the landing gear allows the chassis to be recessed into the body floor at the front. As a result, the loading height has been reduced by 160 mm compared to standard chassis bodies. This makes side loading even easier and helps to protect against damage. Due to the reduced loading edge height, rear loading and unloading are also made easier. Of course, the standard chassis will remain available to order.

The S.KI LIGHT AK tipper semi-trailer impresses with its larger volume and unchanged system length, offering a better payload/volume ratio for loads with a low bulk density. The unique thing about the 8.2 m body length is that, for agricultural transport jobs, up to 50 cubic metres of volume can be transported on a short chassis with a lower loading height of 3.70 m. The 8.2 m body length is more manoeuvrable and lighter when compared to the trailer lengths of 9.6 m and 10.5 m.

**2024-705**

The reduced overall height results in the lowering of the trailer’s centre of gravity, which significantly improves stability during tipping, driving and road holding when cornering. In addition, driving through hall and barn doors and under silo-loading stations is safe and problem-free. The S.KI LIGHT AK is available in body sizes of 45 to 59 m3.

Countless safety functions make the S.KI LIGHT AK tipper semi-trailer even safer and more efficient for day-to-day use. The electric sliding tarpaulin is now also available for high-volume bodies and can be opened and closed via remote control for user-friendly, time-saving operation.

Better body lighting while driving at night increases safety and comfort when it’s dark. Thanks to the pneumatic lock on the combi-door, the body can be emptied completely with zero residue using controlled unloading via the grain slider.

Schmitz Cargobull is equipping all S.KI tipper semi-trailers with the TrailerConnect® telematics system. Apart from enhanced vehicle safety, this includes various monitoring and control functions that can be individually configured to meet customers’ needs.

In addition to standard functions such as EBS operating data determination, the trailers are also available with optional functions such as Tilt Assist or a brake lining wear indicator. Each trailer is equipped with Schmitz Cargobull TPMS sensors with auto-location as standard. The TPMS monitors the tyre pressure in real time and warns of sudden or gradual loss of pressure. This helps to avoid flat tyres and costly consequential damage, at the same time as minimising tyre wear and fuel consumption.

**Auto-location: automatic assignment of the correct tyre position**

With the help of the auto-location function, Schmitz Cargobull TPMS sensors\* can be automatically detected and assigned to the relevant wheel position. As a result, the complicated and error-prone training and assignment process is no longer needed. This saves time and money, both for customers and in the workshop.

**2024-705**

After a spontaneous tyre change or a trip to the workshop, auto-location offers maximum safety and transparency straight away. Via the TrailerConnect® portal, the status of the tyres and the entire trailer can be easily and conveniently monitored in real time. In the event of abnormalities, alarm messages are issued by e-mail, SMS or app notifications. (See also Press release 2024-154)

Schmitz Cargobull’s Full Service contract includes the assumption of costs for the replacement of worn tyres, regular fleet checks, a Europe-wide breakdown service and the replacement of the TPMS.

With these functions, Schmitz Cargobull is once again raising the bar for the transport industry and offering its customers innovative solutions for the safe and efficient transport of agricultural products.

\*The TrailerConnect® TPMS is also technically compatible with the majority of sensors available on the market (in the EU). Only the original Schmitz Cargobull sensors are compliant with UN ECE R 141 for the TPMS including auto-location function.

**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.

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