**Press Release**

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Schmitz Cargobull AG

**Aerodynamic cargo transport: Schmitz Cargobull EcoGeneration vehicles**

* **With lathe-free POWER CURTAIN for rapid loading and unloading**
* **Sensors detect height adjustments and transfer this data to the telematics system**
* **Aerodynamic storage box improves efficiency even further**
* **Interior lighting for added occupational safety**

June 2022 – Since Schmitz Cargobull launched its EcoGeneration in early 2021, interest in these vehicles has grown consistently with demand for the aerodynamic curtainsider semi-trailers becoming a genuine success story. After all – given the high fuel costs – transport and logistics companies are increasingly on the lookout for vehicles and technical solutions that contribute to lower fuel costs and CO2 emissions. With the innovative curtainsiders from the aerodynamic EcoGeneration, Schmitz Cargobull offers an innovative and sustainable vehicle concept, which is both kind to the environment and also reduces costs for the transport sector.

“If only 50% of all trips are made in ‘aerodynamic’ mode and 50% in ‘volume’ mode (i.e. not lowered), the burden on the environment will be reduced by 2.3 t of CO2 per year. Based on conservative calculations, the EcoFLEX curtainsider semi-trailer can save approx. EUR 1,000 per year over the trailer’s entire service life (approx. 1 million km). For our customers, these are all good reasons to choose the trailer, particularly with regard to total cost of ownership (TCO),” explains Boris Billich, Chief Sales Officer at Schmitz Cargobull AG (see [CO2 calculator](https://www.cargobull.com/de/produkte/curtainsider/sattelcurtainsider/ecogeneration) at www.cargobull.com).

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**Highlight – The S.CS EcoFLEX**

The S.CS EcoFLEX curtainsider semi-trailer is one of the vehicles from the new EcoGeneration and is, of course, 100% SMART, too. This means that it is equipped with the TrailerConnect® trailer telematics system ex works as standard. The aerodynamic trailer with a lifting rear reduces drag, thus lowering fuel consumption and carbon emissions. In practice, users have been able to achieve savings of way above five percent – and sometimes even above ten percent. The lifting function for the rear enables the trailer to be raised easily if the entire cargo area is required. This concept offers high saving potentials especially for heavy transports. And it achieves this without significantly changing the trailer functions, transport performance and the familiar handling. The effectiveness of the aerodynamic body in providing excellent sustainability through maximum fuel savings does not come at the cost of expensive, easily damaged attachments.

**New: With POWER CURTAIN**

Depending on the specific transport task, the Eco body can be equipped with the standard tarpaulin or the POWER CURTAIN tarpaulin. The EcoGeneration vehicles are an ideal solution in combination with the POWER CURTAIN, which does not require any slats. This further reduces the overall weight and contributes to higher fuel savings. The system impresses with its simple and safe handling and saves time during day-to-day transport tasks. The POWER CURTAIN’s structural strength is certified according DIN EN 12642 Code XL. Optionally, the body can also be equipped in compliance with the beverage certificate and DL guideline 9.5. Integrated tarpaulin loops provide a simple means of securing the load at the rear.

**New: Telematics system detects changes in height**

Thanks to the built-in TrailerConnect® telematics system, users enjoy more transparency in their fleet/vehicle data. This improves the utilisation of vehicle capacity and reduces the number of empty journeys. Another benefit is that the telematics system is also able to monitor the height of the trailer, i.e. sensors can detect whether the roof is raised or set to aerodynamic mode. This reveals specific ways that vehicle use can be optimised.

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**New: Schmitz Cargobull EcoPack – Aerodynamic storage box for even greater fuel savings**

The EcoFLEX is now equipped with a new aerodynamic storage box, known as the EcoPack – a feature currently available exclusively from Schmitz Cargobull. Its special aerodynamic design enhances air circulation, helping the box to not only save even more fuel, but also offer more storage space, particularly for spare wheels. In practical tests, savings of up to three percent have been achieved. As well as the aerodynamic benefits, the EcoPack also impresses with its low unladen weight and quick, easy handling.

**New: Improved interior lighting for added occupational safety**

Another new feature is the vehicle’s interior lighting. The LED lights offer increased brightness and therefore improve safety during loading and unloading.

Schmitz Cargobull offers three different versions of the EcoGeneration:
The **EcoFIX body** is the ideal solution for transporting horizontal, flat and heavy goods, such as steel and paper rolls. With its reduced weight and fixed rear, the vehicle offers an overall front height of four metres. Equipped with the right tarpaulin design, the payload-optimised vehicle represents a fuel-saving alternative thanks to its reduced weight and aerodynamic design.

The **EcoFLEX** features a flexibly adjustable tail end. At maximum extension, it has a total height of four metres at the front and rear. At the same time, the curtain height adjusts to match the body with the option of flexibly raising the rear when the full loading volume is mood. This body is ideal for general cargo and beverage transport.

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The **EcoVARIOS** is an excellent option for high-volume transports and the automotive industry when transporting three stacked pallet cages, for example. Both the front and rear sections of the body can be flexibly adjusted. This variant offers an interior height of three metres and a total height of four metres.

The height of the EcoFLEX and EcoVARIOS variants can be easily and rapidly adjusted in the same way as the well-known and established

VARIOS body system from Schmitz Cargobull. The roof is raised manually using a hydro-pneumatic pump while the height is adjusted via the stanchions. No further aids are required to change the height. One person can make the adjustments on their own, and the whole process takes approximately 20 minutes including adjusting the tarpaulin to the new height. Furthermore, the additional time is completely negligible when making the adjustments during the loading process.

Like the standard versions, the Eco body complies with all current certificates, as the body features the same technology as a standard trailer. The basis is the renowned MODULOS chassis, which enables flexible body designs thanks to its modular concept. Naturally, the Eco vehicles continue to offer the classic product characteristics of the chassis, such as robustness and a 10-year warranty against rusting through. All EcoGeneration vehicles are also equipped with Schmitz Cargobull’s own TrailerConnect® CTU trailer telematics system.

When loading and unloading, there are no other special features in comparison to other day-to-day transport operations. All of the Eco variants are suitable for both rear and side loading. Load securing, loading and unloading can be carried out as usual without any additional work.

**About Schmitz Cargobull**

With an annual production of around 42,500 trailers and with around 5,700 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 approximately €1.74 billion in the 2020/21 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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