If you have any questions, please do not hesitate to call us. We are available to you via telephone or for personal consultation on location.

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Aero Liner + Concept S –
Future already starts today

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**AERO LINER + CONCEPT S**

**FUTURE ALREADY STARTS TODAY**

**Streamlined shape.**
The short-finned pilot whale belongs to the dolphin family and is an example for optimal streamline shape. It has adapted perfectly to the aquatic environment. **KRONE** and **MAN** have embraced this design for the AERO LINER / Concept S. Aerodynamics in perfection, completed with a revolutionary roof spoiler concept – it completely closes the gap between tractor unit and trailer and eliminates air resistance. The side panels and the rejuvenated rear of the vehicle contribute to optimum values for the best airflow.

**Customer orientation.**
The needs of the price-sensitive forwarding and logistics sector are key in the development of the semi-trailer truck Concept S with Aeroliner. The vehicle complete with the trailer provides the same loading volume as conventional combinations. The concept is understood by manufacturers of vehicles and superstructures with the next generation of lorries – the customers benefit from less fuel consumption and the environment from a reduction of CO₂.

**Flexible loading and unloading.**
A rejuvenated rear reduces air turbulences and thus consumption. The disadvantage: The aerodynamically optimal opening is not suitable for fast loading and unloading. Hence, the trailer is equipped with a design suitable for ramps and a tailgate that can be lifted.

**Car-like drag values (cw).**
**MAN** has substituted the rear-view mirrors with cameras, integrated the fuel tanks in the bodywork for optimal streamline and repositioned the ancillary units. The Concept S consumes up to 20 percent less fuel and accordingly, the entire combination emits less CO₂ emissions.

**Increased safety.**
The EU wants to achieve zero road casualties. Advanced Driver Assistance Systems provides a method to accomplish this. Many of these systems are already used in lorries and buses. Concept S / Aeroliner offers the driver a better view, an energy-absorbing crumple zone and an optimized underbody guard at the side and the rear.

**Reduction of rolling resistance.**
In contrast to present five-axle combinations the semi-trailer tractor Concept S with Aeroliner is only equipped with four axles – which reduces the rolling resistance and increases the energy efficiency. Safety is still guaranteed.

**Multifunctional rear.**
The design of the rear of the Aero Liner is equitable for ramps. It is equipped with a rolling door which has roof panels that can be lifted and therefore offer an optimal loading height. The underrun protection at the rear has been designed by latest safety aspects. Additionally, warning symbols can be displayed at the rear with the use of a screen in order to warn the following traffic against hazardous situations.