

100% SMART ex works

With every fully electric S.KOe COOL semitrailer box TrailerConnect® telematics is on board.



All S.KO semitrailers are equipped with **TrailerConnect® telematics** as standard. You have immediate access to the Schmitz Cargobull **telematics portal** and apps **beSmart** as well as **beUpToDate**.

Your advantages are:

- **Intelligent dispatching** that optimizes tours and on-time delivery while avoiding empty runs.
- **Reduction of process costs** for trailer availability, capacity utilization and personnel deployment.
- **Efficient fleet management** with real-time information on the actual state of the fleet.
- **Higher trailer availability** - proactive maintenance minimizes downtime and breakdown.



One-Stop Solution Premium Services from Schmitz Cargobull



**SCHMITZ
CARGOBULL**
The Trailer Company.



Fully electric semi-trailer box S.KOe COOL **NEW**

Transporting refrigerated cargo sustainably and quietly

Benefits at a glance:

- **Sustainable:** The S.KOe semitrailer is purely electric and has free access to Zero Emission Zones
- **Quiet:** The electric operation of the cooling unit in combination with the Silence Kit makes day and night deliveries possible
- **Zeitsparend:** Das Nachladen der Batterie durch die e-Achse vergrößert die Reichweite und verhindert unplanmäßige Stopps
- **Time-saving:** recharging the battery through the e-axis increases the range and prevents unscheduled stops
- **Complete solution:** All system components are perfectly matched to each other
- **High heating and cooling capacity:** The refrigeration circuit in the S.CUe electric cooling unit is identical to the conventional units and has the same excellent performance values
- **Reduced maintenance effort:** The effort for the maintenance of diesel engines is eliminated
- **24 months service and proactive monitoring:** the full service contract for cooling units takes into account the special requirements of an electrical cooling unit
- **100% SMART:** All vehicles are equipped with TrailerConnect® telematics as standard, for controlling and monitoring the vehicles.



Charging options for the battery in the support winch of the S.KOe semitrailer box:
 - stationary via the CEE socket on the underside of the refrigeration unit S.CUe
 - on the move generatively or recuperatively (when braking) through the e-axle in the ROTOS chassis.

S.KOe COOL with S.CUe

Good for the environment. Good for business

- Some cities in Europe will have Zero Emission Zones from 2025 - zero-emission vehicles will be needed to access them
- EU aims to reduce CO2 fleet emissions from new commercial vehicles by 15%* by 2025 and 30%* by 2030
- Better energy efficiency class rating for electric drives than for diesel engines
- No new infrastructure: The vehicle uses existing components from the Schmitz Cargobull modular product system and a classic CEE three-phase connection is all that is needed for charging.

SMART TrailerConnect INSIDE
TrailerConnect® Telematics
 CTU Pro hardware, activation



Proven technology: The refrigeration circuit is identical to conventional refrigeration units. The handling remains identical and requires no further training.



Efficient air flow - for uniform temperature control in the entire cargo hold - reduces energy consumption and ensures greater cargo safety.



Simply complete: the S.KOe COOL is a fully-fledged S.KO refrigerated box in every detail and offers all the equipment options and advantages of the well-known market-leading concept.



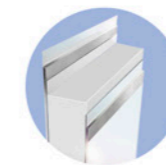
Powerful compressor: design identical in construction to the diesel refrigerating machine



Silent due to electric drive



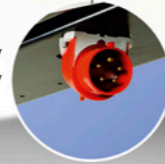
Faster heating and shorter defrosting cycles due to optimised evaporator design



FERROPLAST
 Excellent insulation through FERROPLAST®



CEE socket for stationary standby operation and charging the battery



Battery Power Pack in the support windmill



e-axle in the ROTOS chassis



Electric refrigeration unit S.CUe with 15,800 watts cooling capacity, 10,500 watts heating capacity. The charging and battery management system ensures full practicality.



Battery Power Pack with a capacity of 32kW/h. The lithium iron phosphate battery transformer has a self-sufficient running time of approx. 4.5h and requires approx. 2h for a full charge.



e-axle recharges the battery generatively and recuperatively while driving and thus prevents downtimes during operation.



TrailerConnect® telematics portal allows refrigeration unit control with setpoints for operation, temperature and alarm management. It provides information about the battery's state of charge, the vehicle's position and is used for route planning.



Full Service refrigeration contract with 24 month term, specially tailored to the requirements of electrical cooling appliances.



Proactive monitoring by Schmitz Cargobull monitors the refrigeration unit and warns of critical situations. Early maintenance avoids breakdowns or damage to the cargo.