

Aerodynamic curtainsider semi-trailer S.CS EcoFLEX

Good for the environment, good for business

Most deliveries with curtainsiders do not require the full load volume. That is why the S.CS EcoFLEX uses this potential for a sustainable reduction in operating costs. The aerodynamic rear position reduces air resistance and thus fuel consumption. You save on every route from the very first kilometre. If necessary, the full load compartment volume can be produced within a few minutes.

Body strength of the S.CS EcoFLEX certified according to DIN EN 12642 Code XL

Can be flexibly raised as required for more load compartment volume

When loading from the rear, fold up the rear bow to avoid damage to the cargo and the vehicle.

Aerodynamic rear

POWER CURTAIN for easy and fast loading and unloading without top slats



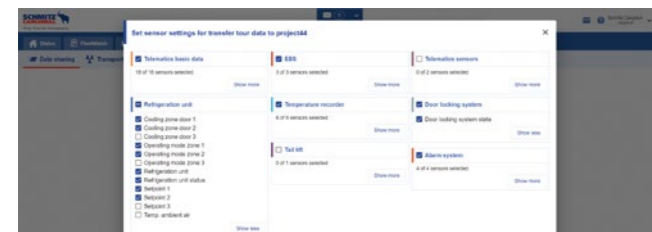
Rolled MODULOS chassis

Aerodynamic storage box EcoPack

TrailerConnect®. One portal. Numerous functions.

Intelligent services for data integration, live tracking & trailer service.

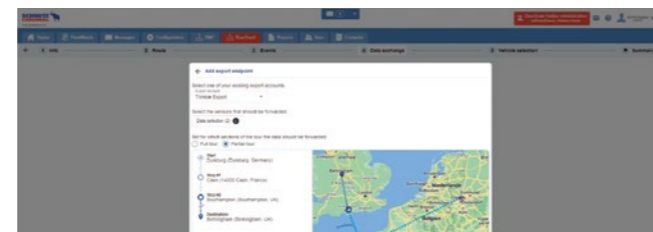
TrailerConnect® Data Management Center



Data integration of the different process participants in one place.

- Infrastructure and consolidation platform for all telematics data
- Individual and secure configuration of the data streams
- Visualisation of the entire transport network - incl. subcontractors

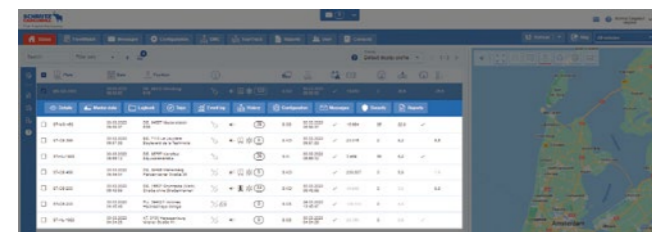
TrailerConnect® TourTrack



Track vehicles and share vehicle data on a job-by-job basis.

- Targeted and selected data transfer for each route (e.g. to any real time visibility platforms)
- Route-based real-time monitoring, including estimated time of arrival (ETA)
- Automatic generation of order-related temperature reports

TrailerConnect® FleetTrack



Real-time fleet visualisation.

- Display of the trailer's position and availability in real-time - independent of the telematics hardware used.
- Comprehensive notification and alarm configuration
- Personal reporting and history of all events, positions and temperatures



Eco-Sensor Body



Load carrier tracking

Geofencing

Transport it the Schmitz Cargobull Way

Aerodynamic. Sustainable. Flexible.

THE ORDER:

A freight forwarder delivers red wine from Spain to the wine festival in England with the aerodynamic curtainsider S.CS EcoFLEX

Friday, Carrier SpeedLogistics

Dispatcher Luis plans the route for Monday in the **TrailerConnect® telematics portal**. He forwards the order from his customer Placerese in the **TrailerConnect® Data Management Center (DMC)** to Pablo, the dispatcher at Rápidamente. Rápidamente uses an **S.CS EcoFLEX** for the order because it is particularly economical on long routes in **eco-mode** and also particularly flexible thanks to the rear end that can be raised.

Luis uses TrailerConnect® TourTrack to set up the:

- Connection to the customer's **real time visibility platform (RTV)** with the **TrailerConnect® Data Management Centre (DMC)** and **TrailerConnect® TourTrack**
- **Geofence zones*** at the loading and unloading locations with notification on entry via email, SMS, in the portal or in the **beUpToDate** app.



Subject to change without notice. Illustrations partly with optional equipment.



The route starts on Monday



* Automatic start of data transmission via TrailerConnect® Data Management Center when entering the loading zone and automatic stop when leaving the last unloading zone.



More info on the **S.CS EcoFlex**



Mateo, *Placerese's* logistics manager, can follow the order live.

- The current position is automatically transmitted to the **RTV platform**.



After Jorge's departure, the dispatcher checks the route in the portal and determines with the load carrier tracking that the wine has been unloaded and the load of lavender sachets is complete.

London
Jorge reaches the predefined **geofence**. Dispatcher Luis receives a message in the **TrailerConnect@ telematics portal**.



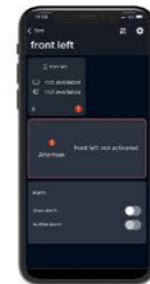
Dispatcher Luis from SpeedLogistics tracks the route in **TrailerConnect@ TourTrack**:

- Position, status eco-mode, operating status
- Overview of the number of loaded load carriers

- Information about estimated time of arrival (**ETA**)
- Message when entering the defined **geofences** of the loading zones
- **Automatic route start**: The position data is transmitted to the **real time visibility (RTV)** platform of the customer.

Wine producer Placerese
Loading 24 pallets of wine

- The pallets have an active Bluetooth-tag for load carrier tracking and can be detected in the freight compartment of the trailer.
- Quick and easy loading thanks to **POWER CURTAIN** without top slats.
- The rear set to aerodynamic **eco-mode** is displayed in the **TrailerConnect@ telematics portal**.



On the road
Carlos gets a message on the display in the cab and his **beSmart app** from the **tyre pressure monitoring system (TPMS)**:

- A tyre on the trailer is losing air fast.
- Diagnosis at the next car park: there is a nail in the tyre.
- Carlos contacts his dispatcher Pablo, who sees the location directly in the **beUpToDate** app and also which **service partner** is close to Carlos.
- With the Full Service Retread Tyre contract, Cargobull Euroservice takes care of the quick repair by a service partner. According to the contract, a retread* tyre is fitted.

*The mileage is approximately the same as a new tyre. But in the production up to 70% of resources are saved compared to a new tyre.

Tuesday, stopover in Tours, France
New order: pick up lavender sachets. Through the **load carrier tracking**, Luis sees that there is still cargo space available.

- Jorge loads nine pallets of lavender sachets.
- He needs the **full loading volume** for this and raises the roof of the EcoFLEX for the onward journey.



Guarded rest area in Boulogne-sur-Mer
Jorge has reached his maximum driving time and takes a rest break.



End of work: Rest area near Poitiers, France
Carlos parks the trailer and activates the **secured immobiliser** with the **PIN**. Jorge takes over the EcoFLEX. He **deactivates the immobiliser** with the **PIN** and couples the trailer.



Monday, Carrier Rápidamente
Driver Carlos checks out his EcoFLEX curtainsider:

- The trailer rear end is in aerodynamic **eco-mode** and saves fuel and CO2
- Departure to Logroño to the wine producer *Placerese*



Wednesday, traffic jam before the ferry in Calais.
Luis sees via **TrailerConnect@ TourTrack**: **Estimated time of arrival (ETA)** is delayed. But the traffic jam quickly clears up and he reaches the ferry on time.

