



EN  
2022 | 09



# Product range



# Edscha Trailer Systems

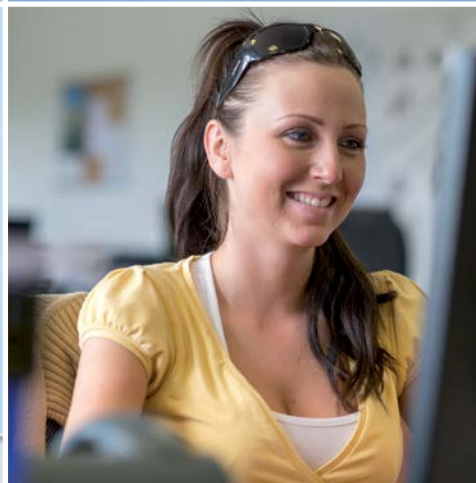
## Das Original

### Sliding roofs for trucks have had one name since 1969:

The name Edscha Trailer Systems – the inventor and European market leader of the sliding roof for trucks – is synonymous worldwide with technological leadership in the sliding roof industry.







Whether you require a curtain-sider system, full tarpaulin, sliding bow roof or solid wall body – Edscha TS offers optimum solutions for tarpaulin covers for all heavy goods vehicles – and the most cost efficient. In addition to customised product solutions for truck and rail cargo, Edscha TS is the go-to company for unique challenges for any sliding roof system.



As a truly European company, we develop and manufacture all our products in-house at our sites in Moers (D) and Kamenice (CZ). We realise all the processes from the first product idea to prototype construction and series production to delivery, including spare parts delivery.

Decades of engineering, know-how, continuous optimisation, permanent quality assurance and expert customer service are the cornerstones of the Edscha TS quality promise.



# The correct choice of body

Roof Type	Roof systems/body types			
	CS	VP	SB	FW
Edscha TS Profi	●	●	●	
Edscha TS Hybrid	●			
Edscha TS Standard		●		
Edscha TS Eco	●	●		
Edscha TS Compact	●	●		
Edscha TS Vario	●	●		●
Edscha TS TipperRoof				●
Edscha TS OpenBox Road & Offroad				●
Edscha TS OpenBox Industry				●
Edscha TS OpenBox Railway				●
Edscha TS RailWay SB			●	
SESAM Slimliner	●			
SESAM Flatliner	●			

CS = Curtain-sider roof/body  
SB = Sliding bow roof/body

VP = Full tarpaulin roof/body  
FW = Solid wall body

## Edscha TS sliding roofs

Europe's market and technology leader, whose inventions established this product segment and gave it its name, offers the ideal tarpaulin roof system for all types of heavy goods vehicles.

**All systems are designed for bodies according to EN 12642 (partly also Code XL)**

Every Edscha TS sliding roof is a unique item of lasting value with customised fittings, unique production and serial number and guaranteed service. To take advantage of our quick customer support, simply contact our sales office in your region and quote the serial number indicated on the type plate.

## Curtain-sider tarpaulin | CS

### For vehicles with sliding curtain body

The curtain-sider is an advancement of the closed body. Unlike traditional tail lift vehicles, curtain-siders allow goods to be loaded via forklift from the side, which is a far more efficient method of loading. It also allows bulky goods to be loaded quickly as the curtain can be opened along almost its entire length. As the roof is fixed, the cargo space remains protected against rain. Since 1990, the development of self-supporting sliding roofs has made crane loading possible even with this body type.

#### Abbreviations:

#### Edscha Trailer Systems

- 1 CS-Profi
- 2 CS-Hybrid
- 3 CS-ECO
- 4 Compact
- 5 Compact Fix
- 6 CS-VARIO (outside of Europe)

#### SESAM

- 7 CS-SLIMLINER
- 8 CS-SLIMLINER SMALL
- 9 CS-SLIMLINER FIX
- 10 CS-FLATLINER

Road vehicle	Recommendation									
	Edscha Trailer Systems						SESAM			
	1	2	3	4	5	6	7	8	9	10
General cargo route	●	●	●			●	●			●
General cargo distribution	●	●		●	●	●		●	●	●
<b>Loading from above</b>										
Several times a day	●	●								
Even after standing outdoors	●	●								
Occasionally & dry		●		●			●	●		
(Almost) never			●	●	●			●	●	
<b>Loading from the side</b>										
Exclusively			●	●	●			●	●	
Frequently		●		●			●	●		●
Rare		●		●				●		
<b>Optional version</b>										
TIR		●	●				●			
XL according to EN 12642	●	●	●				●			●
Intermodal according to EN 283	●	●					●			

**Preferred type of load:** Module dimensions suitable for stacking



# Full tarpaulin roofs | VP

## For vehicles with side-boards and tarpaulin body

This type of body was developed at the birth of motorised commercial vehicles. The side-boards and tailgates are designed to protect the load from falling, while the tarpaulin cover protects it against the rain. In general, this type of body allows a high level of flexibility.

This flexibility was significantly increased by Edscha TS' invention of the sliding roof in 1969. Today, this structure provides a much faster and safer loading process as the cargo space can be opened up very quickly by pushing the entire tarpaulin towards the bulkhead.

### Abbreviations:

#### Edscha Trailer Systems

- 11** VP-Profi
- 12** VP-Standard
- 13** VP-ECO
- 14** Compact
- 15** Compact Fix
- 16** VP-VARIO (*outside of Europe*)

Road vehicle	Recommendation					
	Edscha Trailer Systems					
	11	12	13	14	15	16
General cargo route	●	●	●			●
General cargo distribution	●			●	●	●
<b>Loading from above</b>						
Several times a day	●	●				
Even after standing outdoors	●					
Occasionally & dry		●		●		
(Almost) never			●	●	●	
<b>Loading from the side</b>						
Exclusively		●		●	●	
Frequently		●		●		
Rare	●	●		●		
<b>Optional version</b>						
TIR	●	●	●	●		●
Intermodal according to EN 283	●	●	●			

### Preferred type of load:

Module dimensions suitable · Non-modular and sharp-edged · Risk of detachment of components





# Sliding bow roofs | SB

## For vehicles without a body but with tarpaulin cover

The introduction of tensioning ratchets and universal tensioning straps made it possible to do without side-boards and tailgates for certain goods. To protect against the weather, a throw-over tarpaulin was rigged around the entire frame. Frames for supporting tarpaulins had long been in use and served as the basis for the development of a flexible sliding bow body, which allows both fast loading from the side and easy loading by crane. It eliminates the need for the tedious and time-consuming rigging of the tarpaulin. Sliding bow systems are widely used in the railway sector and in many american-style markets.

Road vehicles/Rail vehicles	Recommendation	
	Edscha Trailer Systems	
	17	18
General cargo route	●	●
General cargo distribution	●	
<b>Loading</b>		
From above and from all sides	●	●

**Preferred type of load:** Bulky general cargo

### Abbreviations:

#### Edscha Trailer Systems

**17** SB-Profi

**18** SB-RailWay



# Solid wall roofs | FW

## For vehicles with fixed solid walls and tarpaulin cover

Truck bodies with solid walls are a mandatory requirement for the transport of bulk cargo. This applies regardless of whether the cargo is loaded via a wheel loader from the side via the wall, through a funnel, via a filling tube from above or via a rear door. Also when unloading there are the options to excavate from above, off-load via a rear door, or push or tip out in one or more directions. Over the years, heavy goods vehicles have become increasingly specialised with such options to accommodate various bulk goods and loading conditions.

What they all have in common is the fact that unlike all other truck roofs, the tarpaulin must be designed to be laterally elastic in order to accommodate the shape of the wall for reliable operation under all conditions.

Road vehicles/Rail vehicles	Recommendation				
	Edscha Trailer Systems				
	19	20	21	22	23
Bulk cargo route				●	●
Bulk cargo distribution	●	●		●	
<b>Unloading</b>					
Tilting	●	●		●	
Pushing out and other methods		●	●	●	●
<b>Loading from above</b>					
Exclusively via funnels		●	●	●	●
Also via scoop via side wall	●				
<b>Loading from the side</b>					
Never	●	●	●	●	●

### Abbreviations:

#### Edscha Trailer Systems

- |                                  |   |
|----------------------------------|---|
| <b>19</b> TipperRoof             | <b>22</b> VARIO OpenBox (outside of Europe) |
| <b>20</b> OpenBox Road & Offroad | <b>23</b> OpenBox Railway                   |
| <b>21</b> OpenBox Industry       |   |





# Curtain-sider roofs

## For vehicles with sliding curtain body

The curtain-sider is designed for particularly efficient loading of palletised goods from the side, preferably as a full load. The original Edscha TS roof makes the decisive difference in the long term.

- Extensive market experience
- Stable longitudinal rail construction
- Smooth running
- Low wear
- Long-lasting XL load securing
- Low total cost
- XL flat fabric belt connection



- Recycled tarpaulin optional
- Innovative tarpaulin fastening with tarpaulin protection for Profi tarpaulins
- Bolted bows optional for CS-Hybrid
- Improved joints for CS-Profi



Opening of the roof using the **CS-Hybrid** as an example



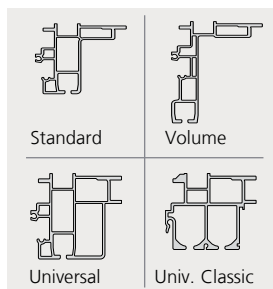
Opening the side curtains using the **CS-Hybrid** as an example



## CS-Hybrid

Technical sophistication, ease of use and high stability are the most important factors in the sliding roof sector. With the introduction of the **CS-Hybrid** sliding roof, Edscha Trailer Systems is setting new standards through the use of a smart combination of plastic and steel as well as intelligent joining technologies for robust, durable tarpaulin roof systems.

- Intelligent material mix through reinforced steel/plastic hybrid construction
- New robust joints with optimised folding kinematics and honeycomb structure incl. grommets for expander rope
- External, coated and low-friction rollers



Robust and stable roller system in HYBRID construction

More info on the CS-Hybrid at [www.EdschaTS.com](http://www.EdschaTS.com)



XL

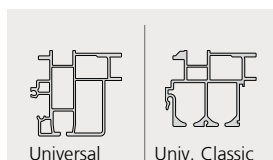
DB

TIR

## CS-Profi

The new **CS-Profi** sliding roof is the result of a detailed, meticulously executed product optimisation to allow loading from above on a daily basis, including in shifts. The massive steel joints and the rising crossbeams guarantee protection of the tarpaulin even in extreme loading situations or weather conditions.

- The systems offer optimal kinematics and functionality, even under extreme conditions
- Adjustable steel joints and rising roof



High-quality steel joints, combined with plastic elements, for maintenance-free operation, ease of use and weight reduction

More info on the CS-Profi at [www.EdschaTS.com](http://www.EdschaTS.com)



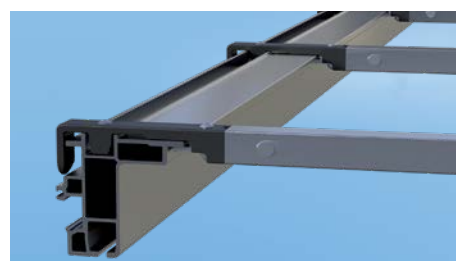
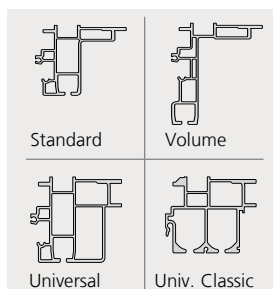
XL

DB

## CS-ECO

The Edscha TS **CS-ECO** offers a cost-effective way to fit a curtain-sider body with a light, solid tarpaulin roof in standard Edscha TS quality when loading from above is not required.

- Low weight
- Simple, fast installation



Easy installation by sliding the bows

More info on the CS-ECO at [www.EdschaTS.com](http://www.EdschaTS.com)



XL

TIR



# Full tarpaulin roofs

## For vehicles with side walls and tarpaulin body

The Edscha TS VP full tarpaulin roof is the ideal choice for all non-standardised, sharp-edged loads or risk loads prone to slippage or detachment of components. Also in cases where efficient sealing is required.

- Robust and easily demountable rail structure
- Smooth-running function
- Excellent durability
- Low total cost



- Bolted bows optional for VP-Standard
- Improved joints for VP-Profi



Opening procedure using the VP Standard as an example





## VP-Standard

The new **VP-Standard** full tarpaulin roof features robust, weight-saving plastic roller carriages and joints combined with steel bows and the proven demountable steel rail frame segments. The system offers sophisticated kinematics in a minimised installation space, thus ensuring more loading space and requiring low operating forces without compromising the assembly and durability.

- Robust and weight-saving plastic roller carriages and joints with steel bows and the proven, demountable steel rail frame segment system
- Robust joints with optimised folding kinematics
- External, coated low-friction rollers



Robust joints with optimised folding kinematics



More info on the VP-Standard at [www.EdschaTS.com](http://www.EdschaTS.com)



## VP-Profi

The new **VP-Profi** full tarpaulin roof is the direct "descendant" of the original invention and a true all-rounder. This product gave rise to the generic term "sliding roof".

- Adjustable steel joints and rising roof bow
- Special tarpaulin-friendly bow ends
- The demountable steel rail frame allows a barrier-free loading area



Plastic elements provide maintenance-freeness, ease of use and weight reduction



More info on the VP-Profi at [www.EdschaTS.com](http://www.EdschaTS.com)



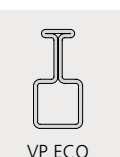
## VP-ECO

The Edscha TS **VP-ECO** is a cost-effective option for a full tarpaulin body with a light, solid tarpaulin roof. It features the standard Edscha TS quality and is ideal for conditions that do not require the full tarpaulin to be moved and where loading and unloading takes place via the rear portal or via the side with the tarpaulin folded up.

- Intelligent material mix with reinforced metal/plastic construction
- Demountable steel rail frame provides a barrier-free loading area.



Easy installation by sliding the bows



More info on the VP-ECO at [www.EdschaTS.com](http://www.EdschaTS.com)





# Tarpaulin roof for distribution vehicles

The **Compact** product line is Edscha TS' response to market requirements to provide smaller vehicle bodies (up to 8 m long) with customised, reliable roof solutions. This new development features a new, slim, extremely lightweight yet torsion-resistant aluminium profile combined with proven roller carriages made of modern plastics, durable steel rollers and function-optimised plastic joints. The technologies used are based on long-established Edscha TS product innovations.

The new **Compact** product line is available both as a classic sliding roof and in a fixed roof version and is individually adaptable to the requirements of the vehicle body.



Compact

**Compact**

More info on the Compact  
at [www.EdschaTS.com](http://www.EdschaTS.com)



**Compact**  
Sliding roof Curtain-sider/Full tarpaulin



**Compact**  
Fixed roof



# Assembly components



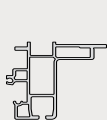
## Semi-automatic swinging tail wing

The fast and frequent opening of the cargo hold is a considerable time and cost factor for local distribution vehicles, small deliveries 'free to kerbside' and all other short distance distribution services with many loading stations where the driver is responsible for loading and unloading.

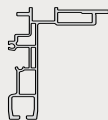
The **TailWing** by Edscha Trailer Systems is a tailgate for sliding roofs that makes it easier, safer, faster and more convenient to open the entire tailgate area.



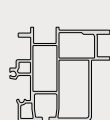
**TailWing** is available for all **current curtain-sider, full tarpaulin and compact** roofs



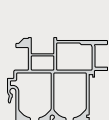
Standard



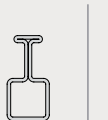
Volume



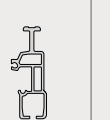
Universal



Univ. Classic



Steel (VP)



Compact

## TailWing

More info on the TailWing at [www.EdschaTS.com](http://www.EdschaTS.com)



## DrySystem

### Pneumatic drainage system

Water, snow and ice are undesired and often dangerous elements that accumulate on the roof tarpaulin of trucks. The **DrySystem** by Edscha Trailer Systems provides an intelligent drainage system for sliding roofs that prevents the collection of large quantities of water and therefore fights ice formation. As a result, down times, vehicle or load damage and the resulting costs are minimised, while the service life and durability of the sliding roof are maximised.

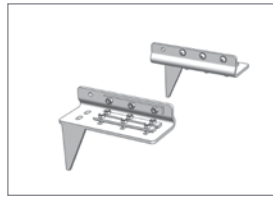


More info on the DrySystem at [www.EdschaTS.com](http://www.EdschaTS.com)

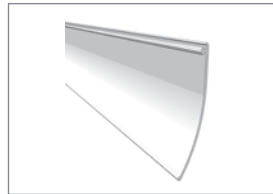


# Assembly components

Flexibility is one of the outstanding features of Edscha TS products. Individual assembly components for curtain-sider, full tarpaulin and compact roofs with proven Edscha TS quality are suitable for all bodies with standard dimensions – for trucks, semi-trailers or swap trailers.



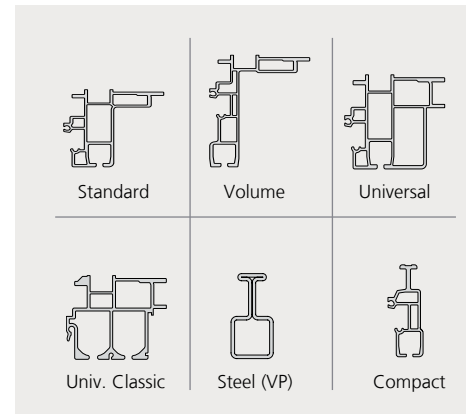
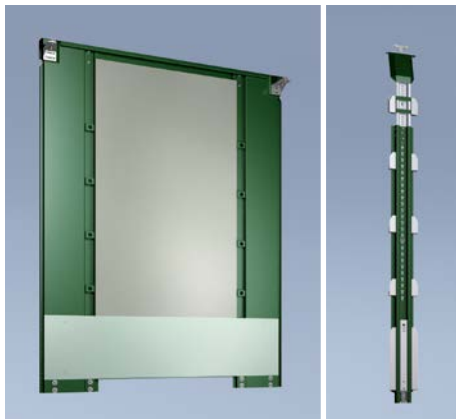
Assembly kits



Profile seals



Stanchion roller carrier



XL

More info on  
assembly components at  
[www.EdschaTS.com](http://www.EdschaTS.com)



# Side curtain accessories

In the past, replacing modern, highly resilient tarpaulin rollers could only be achieved with considerable time and cost and involved opening, resealing and sewing of the straps (connection to the curtain at the upper end of the reinforcing straps).

Our patent pending tarpaulin rollers eliminate this common problem by enabling easy and safe replacement of individual rollers, significantly reducing the cost of any potential repair.



Side tarpaulin roller SPR-4

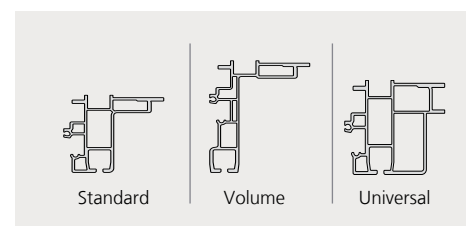
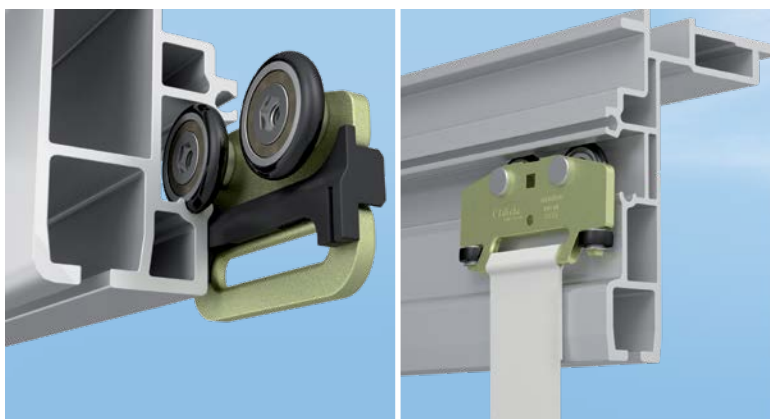


Side tarpaulin roller

XL

DB

TIR

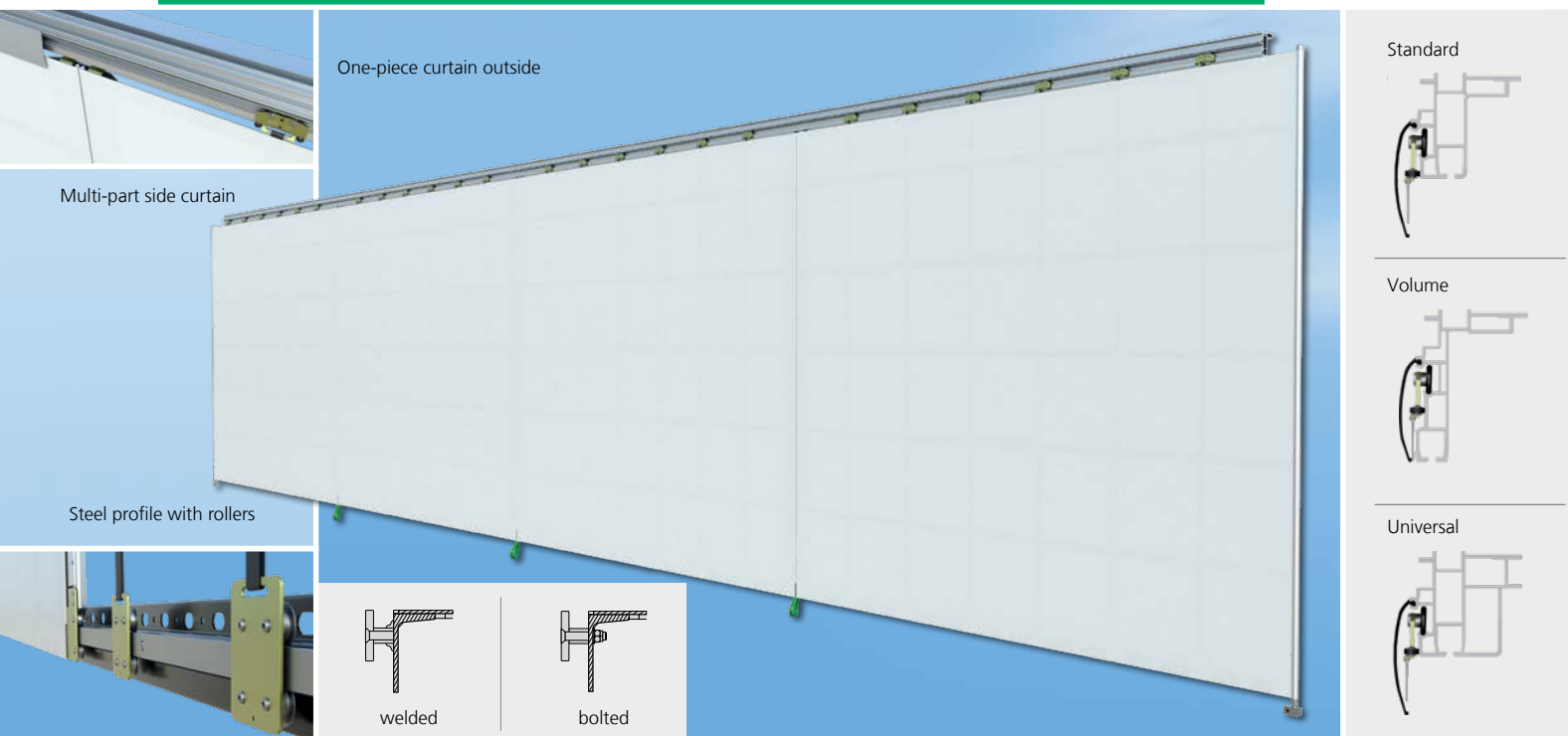


More info on side  
curtain accessories  
[www.EdschaTS.com](http://www.EdschaTS.com)





# Side curtain system



## QuickCurtain

Based on many years of experience with equipment for load-securing curtains in tough everyday use, Edscha TS has now developed a simple and fast side curtain system with a solid steel roller rail on the chassis for standard daily use, operation of which no longer requires the usual approx. 20 dead centre tensioners in the curtain nor separately operated stanchions. In addition, the integrated vertical Kevlar tie-down straps between the curtain rollers and the roller rail eliminate the need for all lateral insertion profiles. The system is designed for all standard applications, including form-fitted loading according to EN12642 „XL“ with verification by dynamic testing.

With the QuickCurtain system, the entire superstructure with vertical clamping tubes on the bulkhead and rear portal, as well as the Edscha TS roof rails (with SPR4 tarpaulin rollers) continues to be the standard series and is completed by our new LP4 rolling stanchion and the lower rolling anchors on a curtain specially designed by us.

Here, the rail on the chassis is segmented allowing for easy maintenance and designed so that straps for securing loads behind the QuickCurtain can even be used also for winches under the frame without functional impairment. The QC is intended for users who prefer a normal side curtain today and want to speed up the loading process in an inexpensive and solid manner in the future.

## Characteristics

- Convenient one-man operation
- Easy and quick to open ( $\leq 1$  min)
- Fully integrable and always tightly sealed
- Does not affect the loading volume
- Robust and easy to service
- Integrated load securing
- No insertion boards required
- Can be installed in standard CS vehicles (with suitable chassis)
- No dead centre tensioners to operate
- Rail made of flat steel and segmented for ease of maintenance and robustness
- No interference with the assembly space for clamping centre support
- Horizontal series clamping systems are retained for robust operation and favourable conversion from the CS superstructure
- The package length is 25% of the length of the loading area
- The tarpaulin is segmented and included in the delivery (can be labelled as desired)

More info on  
QuickCurtain at  
[www.EdschaTS.com](http://www.EdschaTS.com)





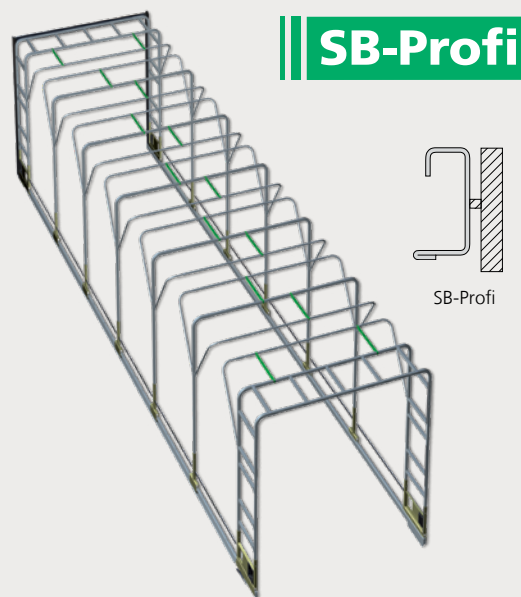
# Sliding bow roof

## For vehicles without a body with tarpaulin cover

The Edscha TS **SB-Profi** allows an individual to open up the entire cargo space from the ground within seconds. The patented product with tarpaulin-lifting transverse connections enables quick loading from the side and can be optionally equipped with travelling container doors.

- Operation from the ground at the side
- Modular design for easy realisation of different dimensions
- Robust steel rail system with easily replaceable segments
- Robust locking system with secure sealing

**Notes:** A revised SB-Profi is currently undergoing field testing. Availability will be announced on the website.



**SB-Profi**  
Opening procedure





## Roll-up-door (Soft door)

The Edscha TS **SB-Profi** allows one person to open the entire loading area from the ground in seconds. The patented product with tarpaulin-lifting cross-connections allows fast loading from the side and can optionally be fitted with container doors that run along it.

- Roll-up springs in the rear tarpaulin allow easy operation and improved rolling up of the rear tarpaulin
- New fastening offers improved sealing on request in addition to optimised functionality



More info on  
the SB-Profi at  
[www.EdschaTS.com](http://www.EdschaTS.com)



**SB-Profi**  
Tarpaulin, open



**SB-Profi**  
Tarpaulin, open (middle position)



# TipperRoof

## Sliding bow roof for tipper

The launch of the **TipperRoof** brings to the market a roof for dumper trucks with anticipated future legal and safety standards that are optimally integrated and optimised into existing workflows. The Edscha TS **TipperRoof** reduces loading and tipping times, offers lower fuel consumption than competitor systems and remains maintenance-friendly and low wear due to the demountable rail frame with roller carriage. It allows the driver to carry out all the necessary work steps safely on his or her own from the ground while maintaining the highest safety standards. This makes the **TipperRoof** the ideal tarpaulin roof for all dumper trucks.

The ductility of the tipper is up to  $\pm 50$  mm in width



**TipperRoof**  
Loading



**TipperRoof**  
Open tipping



**TipperRoof**  
Closed tipping



## Electric drive E-Drive

The **Edscha TS E-Drive** is controlled via a switch on the trailer or via our app for Android smartphones. A connection for an external switch and CAN bus is also integrated. Its low current consumption (<20A at 24V) makes the **Edscha TS E-Drive** unique on the market and it is the first to allow connection to an existing on-board network without additional wiring to the towing vehicle. This leaves enough energy for an optional work light connection. The drive is achieved via an adjustable capstan winch and is decoupled from the tarpaulin function. As a result, the system is safe at all times, works almost wear-free and, in the event the need arises, the manual emergency function is easy to use. The patent pending, modular concept developed with the TipperRoof can be adapted to fit different bodies. A control system for use with hydraulic tailgates is provided. Versions for other roof types are planned for the future.



### Standard



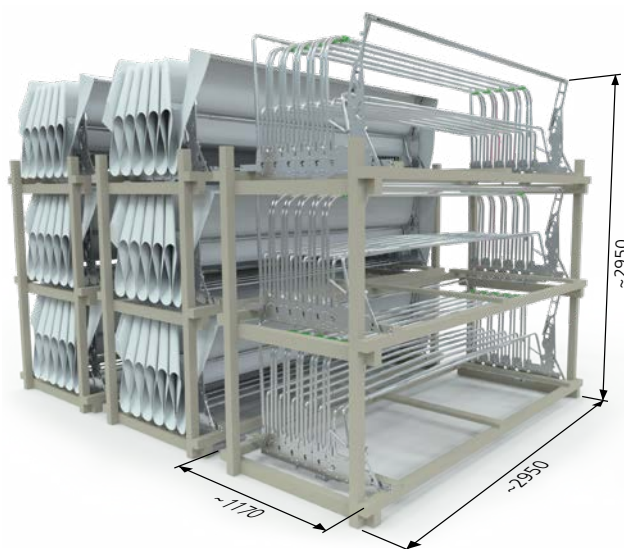
Operation directly on the control unit with inclinometer and overload protection



Operation with Android/iOS smartphone via our app and Bluetooth connection



Operation via radio remote control



## Integrated OEM solutions

We basically supply matched assembly kits and canopies completely pre-assembled with tarpaulin, but our integration goes further: In addition to the precisely tailored configuration, it also includes maximum project support for efficient synchronisation of the interfaces from the recess shell construction up to adapted data for catalogue production. For this purpose, we have developed a configurator with the help of which we can virtually 'deliver' your tailored canopy to trusted vehicle construction partners within a few days.

More info on  
the TipperRoof at  
[www.EdschaTS.com](http://www.EdschaTS.com)





# Solid wall roofs

## Openbox – Road & Offroad

**Thanks to an ingeniously simple, patent-pending technical solution, we have finally succeeded in applying the convenience of a modern Edscha TS roof to sliding floor vehicles and all open-top bodies.**

The new Edscha TS **OpenBox** soft top was primarily developed for sliding floor trailers, but is also ideal for any other application in which the solid walls need to be as high as possible for maximum loading capacity.

At the heart of the system is the ingenious, patent-pending ‚floating‘ mount of the proven steel rail system, which is interchangeable in segments and can easily bridge bulging and/or lateral deformation of the walls, while providing optimum sealing. Furthermore, having a closed roof during empty runs achieves significant savings on diesel fuel!

The ductility of the side walls is up to  $\pm 30$  mm in width.



OpenBox road & Offroad: opening procedure

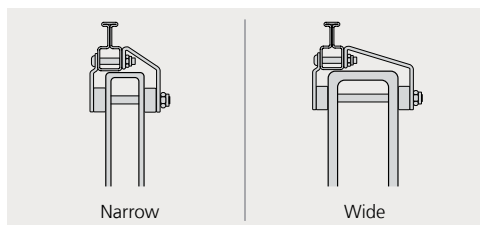


# OpenBox

## Road & Offroad

### Characteristics

- Manual side operation from the ground and transportable
- Easy and quick to open, even with ductility of up to  $\pm 30$  mm
- Fully integrable and always tightly sealed
- Depending on the version, this does not affect the loading volume and external dimensions
- Depending on the version, can be opened from the rear to the front, from the front to the rear or from the centre (planned)
- In practice, significant savings on diesel fuel by always having a closed roof, even when empty
- Robust and service-friendly thanks to the steel rail system with easily exchangeable segments



Unlock gantry beam and pull canopy

More info on OpenBox  
Road & Offroad at  
[www.EdschaTS.com](http://www.EdschaTS.com)



# OpenBox

## Industry

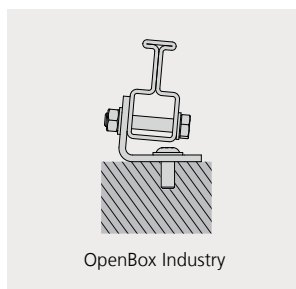
**Based on years of Edscha Trailer System know-how, we designed the modular, easily operated OpenBox roof system to adapt to a wide variety of applications in many different industries.**

This system allows reliable, secure coverage with flexible loading access from above in widths up to 5 m and coupling for almost any conceivable length.

Fully prefabricated components and our optional mounting adapters make installation on building structures and on metal substructures simple and safe. The folding system and high-quality tarpaulin ensure light and low-wear operation and are designed for roof loads of up to 75 kg/m<sup>2</sup> when closed.

All metallic components are galvanized or EPD-coated for long-term use. A version made entirely of stainless steel for use under particularly demanding conditions (on special request) is in preparation.

Offer on request.



Wood chip storage



Drip tray

More info on OpenBox  
Industry at  
[www.EdschaTS.com](http://www.EdschaTS.com)





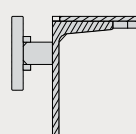


# Systems for rail vehicles

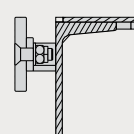
## SB-Railway

### Sliding bow roofs for freight cars

Edscha TS sliding bow roofs for freight cars are known for their optimised, safe loading and unloading features and are the product of many years of development of customer-oriented roof systems for the commercial vehicle sector. For example, from the system formerly known as the DEBACH VIT system. This system incorporates highly functional, patented freight car tarpaulins – a system that has delivered unparalleled efficiency and reliability in goods transport for more than 40 years. At Edscha TS, the customer's wish is always paramount. This is reflected by the numerous upgrades produced over the years that have steadily strengthened and expanded our worldwide leading position in the market. Edscha TS now offers four versions of tarpaulin roof for freight cars.



Railway SB  
welded

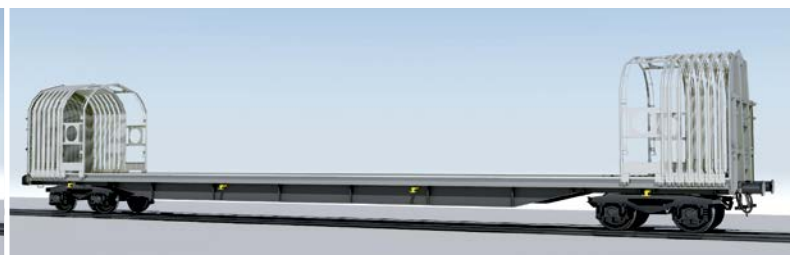


Railway SB  
screwed

More info on Railway SB at  
[www.EdschaTS.com](http://www.EdschaTS.com)



Railway SB · Example: Shimmns  
roof, opened



Railway SB · Example: Rils  
version for long goods, opened (on both sides)

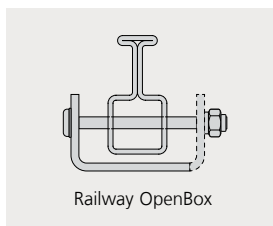
## OpenBox

### Railway

Until now you had to choose between an Ea(n/mn)os (E-wagon) without cover with loose tarpaulin, which if required had to be professionally secured by risky climbing, time-consuming lashing by hand and inspection each time, or use a Ta(m)ns car with a rigid tarpaulin or bulky hinged cover, which required a significantly reduced payload.

Thanks to the new **RailWay OpenBox** tarpaulin, a patent pending innovation from Edscha TS, which weighs only approx. 300 kg (for 10 m length), every E-wagon can easily and safely be opened by side operation from the ground in no time. The fitted, floating rail mounting allows for easy parts replacement and for ductility of up to 60 mm.

The tarpaulin roof has been designed according to the criteria for combined transport pursuant to EN 283/UIC 592 and has passed the static tests for tunnel interchange traffic. The TÜV confirmed that the classification remains as an E-wagon with retrofitted roof.



Example: Eanos



Example: Talns, Falns

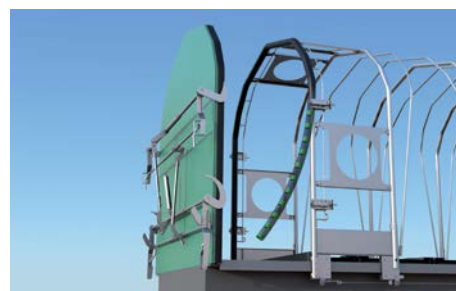
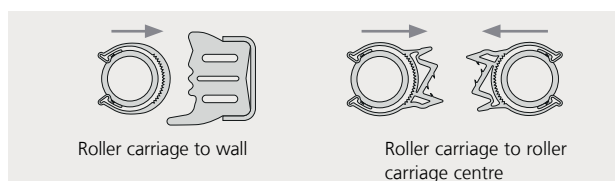
More info on  
solid walls at  
[www.EdschaTS.com](http://www.EdschaTS.com)



## Edscha TS sealing systems

The new Edscha TS sealing system for original and retrofitting on all standard roofed cars (Shimmns) solves several tasks simultaneously.

The seal ensures excellent sealing even in a heavily used construction environment, and features long-lasting edge protection during loading, flexible rubber, universally fitting and easy mounting. It is patented and has already proven its value on several projects.



More info on  
sealing systems at  
[www.EdschaTS.com](http://www.EdschaTS.com)

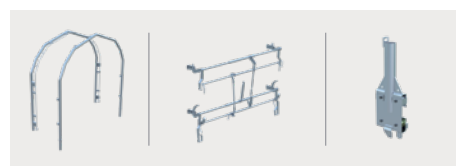


## Replacement parts for freight wagons

Freight cars are designed for longevity and usually provide at least 36 years of service. Easy maintenance through the replacement of wearing parts and damaged components is therefore essential.

Edscha TS now offers a complete range with transparent pricing for all known Shimmns units that were ever built.

The products on offer include both standardised components as well as individually customised parts.



More info on replacement  
parts for freight cars at  
[www.EdschaTS.com](http://www.EdschaTS.com)







# CURTAIN-SIDER ROOFS

SESAM is the smart secondary brand from European Trailer Systems. It offers a wide range of quality components for easy, standard European curtain-sider bodies in particularly price-driven market environments and with less customisation.

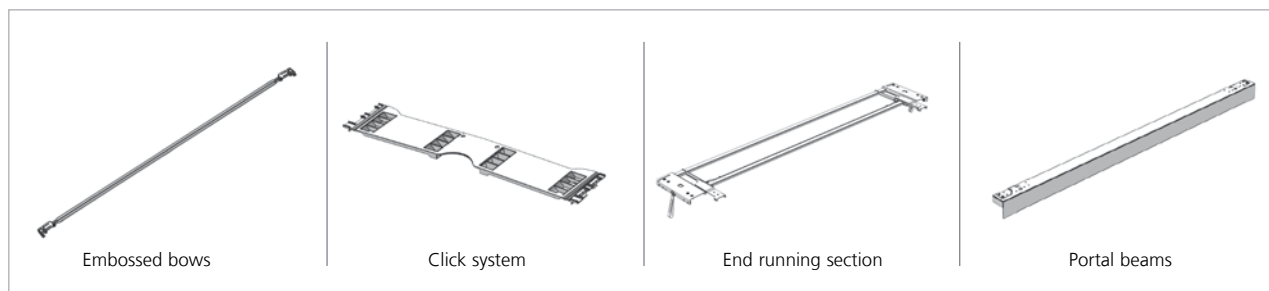
SESAM is the inventor of folding plate tarpaulin featuring a quick click system and top delivery performance. Sesam has thus perfected the processing of orders comprising large packaging units by introducing folding curtains to flexible vehicle manufacturers.



Pallet goods / Bulk goods

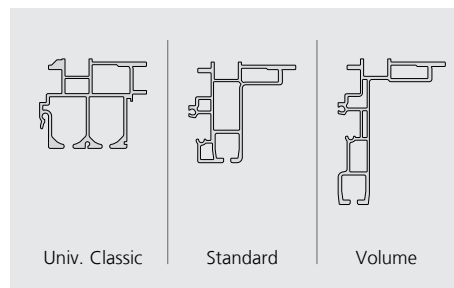


## CS-SLIMLINER



### SESAM CS-SLIMLINER

- Cost-effective, light and stable
- Meets all conventional standards
- Optimum durability
- Interfaces compatible with the latest generation
- Proven smooth running and easy to service



The CS-SLIMLINER sliding top in the Universal Classic, Standard and Volume versions can be equipped with TailWing - SESAM's semi-automatic swing-open tailgate.

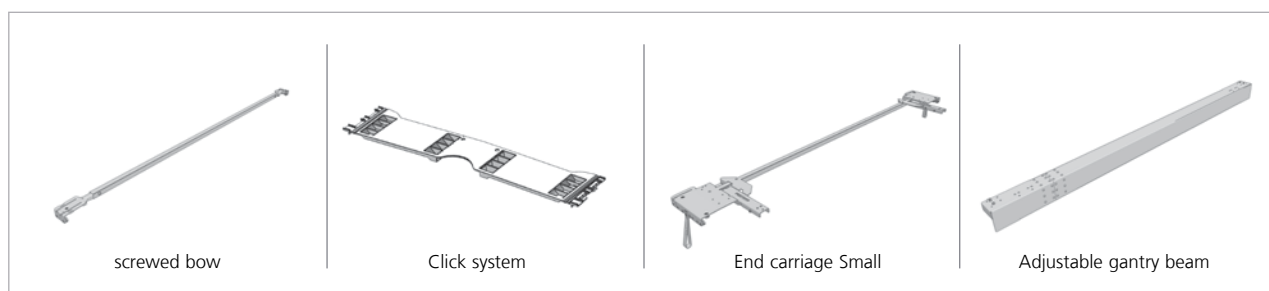
XL

TIR

More info on  
the CS-SLIMLINER  
[www.EdschaTS.com](http://www.EdschaTS.com)

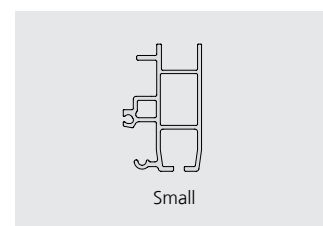


## CS-SLIMLINER SMALL



### SESAM CS-SLIMLINER SMALL

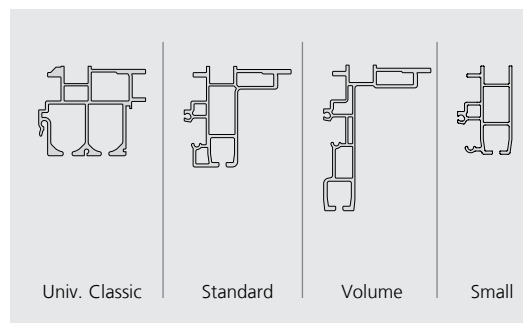
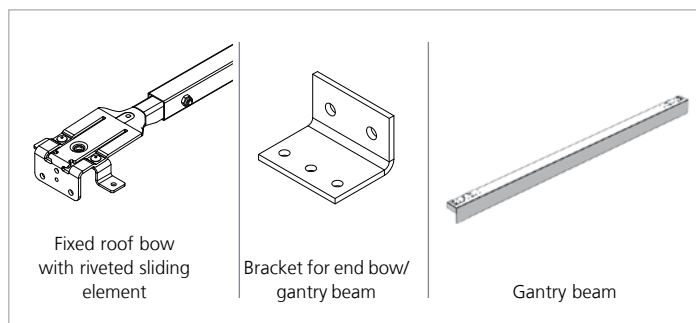
- For payload optimisation of light trucks up to 8 m – approx. 35 kg more payload
- For widths from 1600 mm to 2550 mm
- New, smaller end carriage (minus 120 mm), which has been specially optimised for small cars up to 8 m in length
- Larger loading opening possible for small vehicles than with normal end carriage
- Adjustable during assembly and screwable



More info on  
the CS-SLIMLINER Small at  
[www.EdschaTS.com](http://www.EdschaTS.com)



## CS-SLIMLINER FIX



### SESAM CS-SLIMLINER FIX

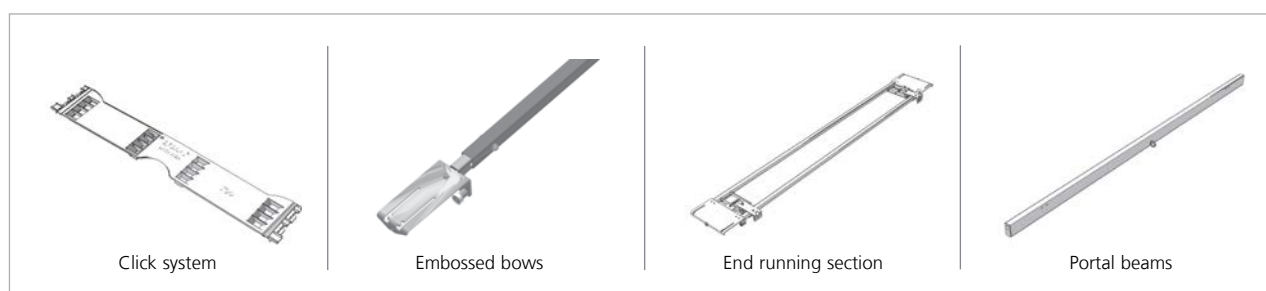
The Edscha SESAM CS-SLIMLINER FIX is a low-cost way to fit a side curtain structure with a light, solid tarpaulin roof in standard SESAM quality if loading from above is not necessary.

- Simple assembly by riveting the bows from above
- Bow with sliding element
- Fixed gantry beam/end bow

More info on the  
CS-SLIMLINER FIX at  
[www.EdschaTS.com](http://www.EdschaTS.com)

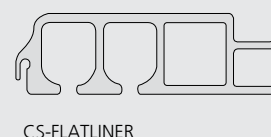


## CS-FLATLINER



### SESAM CS-FLATLINER

- Features like Slimliner but applied to the proven Flatliner longitudinal rail
- This carrier is uniquely simple and functional
- The concept allows an optimal loading height from the side
- Fixed roof version Flatliner Fix also available



More info on  
the CS-FLATLINER at  
[www.EdschaTS.com](http://www.EdschaTS.com)



People &  
society

Products &  
solutions

We support the safety of  
our society

Production & supply chain

# Sustainability



Edscha Trailer Systems' products are solutions with high customer value for safe and efficient road and rail transport and for industrial applications that are sustainable in the long term. Our contribution to achieving sustainabili-

ty goals is realised through targeted efforts with respect to positive developments for our climate, safety, people and society:

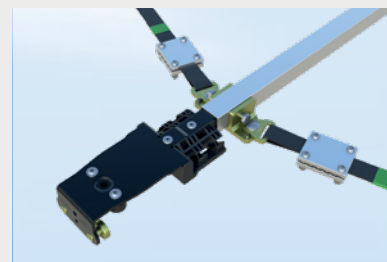
## Products and solutions

Green House Gas (GHG) and safety are our top priorities, which are currently and will continue to be our strongest sustainability efforts. Constant dialogue with our customers and permanent analysis of the value chain inspire us to ongoing development:

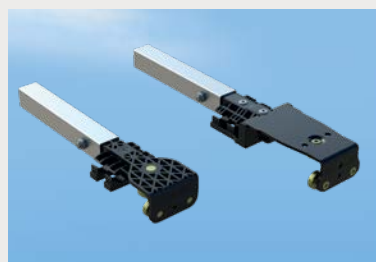
- New 100% recyclable roof tarpaulin
- Roller carriage-bow connection separable for repair and recycling (optional)
- Profi component geometry and roof tarpaulin fastening with considerably reduced wear and tear and longer service life
- New roof reinforcement with universal lengths for safety in individual use and repairs



Recyclable roof tarpaulin



Adjustable straps EN 12642 XL



Bolted bows CS/VP (optional)



New Profi assemblies

## People and society

Our main objectives are safe loading, transport and industrial covers for water protection. As such, our entire business is committed to sustainability, as our products achieve high energy-saving effects through improved aerodynamic properties.

## Production and supply chain

Our products and our production are constantly being developed and adapted with respect to our sustainability goals:

- complete electrical energy supply, CO2-neutral, sustainable via hydropower
- ISO 14001 certified





# VARIO - Non-European products



Rapid economic development and the associated expansion of infrastructure have led to a steady increase in transport growth. This enormous logistical challenge has to date primarily been met by creativity and the strong commitment of the people working in the industry.

The increasing demand for even greater transport capacity, the increasing quality of freight goods and the associated increasing demand for safety, productivity and speed of freight delivery have led to ever-rising standards. Edscha Trailer Systems, Europe's market and technology leader for sliding roofs for trucks, offers the ideal tarpaulin roof system for transport vehicles.

→ The Edscha TS VARIO system allows direct loading with forklift and crane.

**Edscha Trailer Systems stands for quality, flexibility and efficiency!**

- High and increasing cargo traffic leads to increasing demands on technology and logistics
- Higher prices and quality of the load lead to increasing demands
- International logistics standards are leading to new challenges in freight transport



Body components range





## Advantages of the Edscha TS VARIO system\*

- 5 - 15% more payload compared to steel walls or steel box
- Possibility of approx. 10% increase in turnover resulting from 1 - 2.5 h time saving for all loading operations
- Resale – value increases up to the value of the additional costs
- Risk of unpaid transports due to wet load stops
- No tarpaulin replacements needed for entire trailer life
- Added value possible through advertising on tarpaulin
- Enormous savings for industry due to up to 20 times quicker loadings
- Cost reduction on every kilometre



- ROI possible in about 1 year
- Proven German quality since 1969

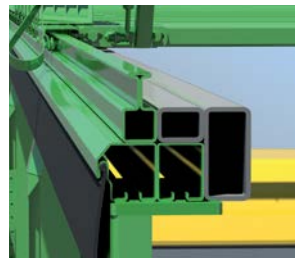
\* Compared to traditional bodies (as illustrated above by way of example)



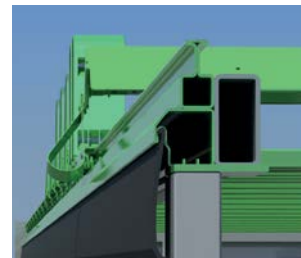


## VARIO-CS – especially suitable for palletised cargo

The Edscha TS sliding roof bodies in the CS system offer the greatest possible adaptability when designing bodies for new and existing vehicles. The choice of system components is determined by the industry (e.g. consumer goods and industrial production, automotive, steel products, building materials, etc.), according to the individual transportation requirements, desired functionality (e.g. sliding columns, fixed columns, rear doors, tailgate, etc.) and the type of base vehicle. The highly variable CS System bodies from Edscha TS enable the vehicle manufacturer to create a completely individual transport vehicle that complies with international standards from almost any base vehicle. As with the VP full tarpaulin system, there are only a few parameters that need to be taken into account when planning the body.



Sliding pillar



Fixed pillar

More info on the VARIO at  
[www.EdschaTS.com](http://www.EdschaTS.com)



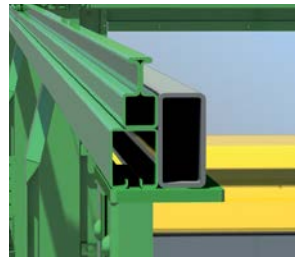




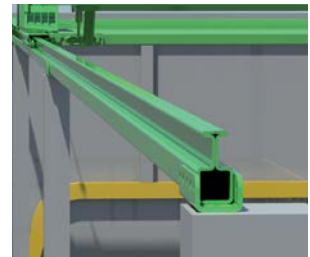
## VARIO-VP – extremely flexible to use

The Edscha TS sliding roof assembly components for the VP system allows maximum flexibility when designing new and existing vehicles. The selection of the body components is determined by the individual vehicle requirements, the desired range of functions and the type of base vehicle. The high variability of the VP system allows a local vehicle manufacturer to build a transport vehicle that complies with international standards from almost any base vehicle.

Edscha TS offers professional advice on site from German engineers with decades of experience. There are only a few parameters to consider when planning the body: the body gauge width is the most important value besides the length, width and height (= loading volume) of the base vehicle. This value is the average distance between the system running rails along which all moving roof and side tarpaulins are moved. The value is proven internationally and can be easily implemented



Sliding pillar



Fixed pillar

in most cases with Edscha TS VP full tarpaulin system components, in new bodies and in extension of flatbed vehicles.

More info on the VARIO at  
[www.EdschaTS.com](http://www.EdschaTS.com)



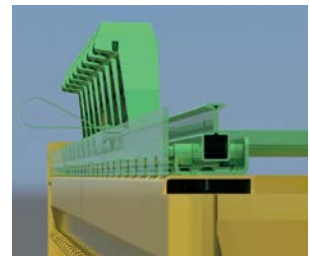
## VARIO-OpenBox – fast, efficient and proven!

Truck bodies with solid walls are an essential requirement for the transport of bulk goods. This applies regardless of whether the load is loaded via a wheel loader from the side via the wall, through a hopper, via a filling pipe from above or via a rear door. During unloading, there are also the options of digging from the top, unloading via a tailgate or pushing out or tipping in one or more directions. Over the years, heavy haulage has become increasingly specialised with such options to suit different bulk materials and loading conditions.

- Fits perfectly as a complement to the traditional vehicle superstructure
- Does not get stuck thanks to its patented connection
- It is modular to CS and VP with all the advantages



Sliding floor vehicle



Container

More info on the VARIO at  
[www.EdschaTS.com](http://www.EdschaTS.com)





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Trailer Systems

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