



S.CS Curtainsider Semi-trailers

Universal transport solutions with curtainsider trailers

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One-Stop Solution

At Schmitz Cargobull you get a comprehensive range of services to meet all your trailer-related needs over its entire service life. From the financing of your vehicle and on-the-road service to value retention by means of fair trade-in offers. Reduced downtime increases the availability of your trailers and guarantee their retained value. And all at low and agreed costs – throughout the service life of your trailer.



Tailored financing solutions and insurances from the industry expert

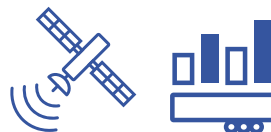


Second-hand – first-class certified-quality used trailers

Procurement

Valuation and sales

Usage



TrailerConnect® telematics for smart logistics and fleet management

24h



Original spare parts available in 24h, order online with the EPOS portal



Full Service for the trailer, refrigeration unit and tyres

24h



24h Cargobull Euroservice Europe-wide breakdown service



1,700 Service Partners – your specialist workshop for Full Service

Our Service Portfolio – Your Benefits:



- One-stop shopping: one central contact for all trailer-related issues
- 100 % Schmitz Cargobull for the entire service life of your trailer
- Service solutions from industry experts, perfectly coordinated to the Schmitz Cargobull product range
- Europe-wide service and fleet management via online portals
- Financing, Full Service, trailer telematics, second-hand trailers – individual service packages for every use
- Cost and price transparency with genuine spare parts and the highest service quality
- Reliable transport industry system partner for comprehensive transport solutions

Please refer to the Service brochure for further information.



Product Modules

One of the major strengths of the S.CS curtainsider range is the extensive freedom the Schmitz Cargobull sophisticated product modules offer customers. Up to 13 million different combination options are available during the build.

The latest generation focuses on improved efficiency through greater payload, shorter load times, improved safety at work and low TCO (Total Cost of Ownership).

The S.CS UNIVERSAL provides the right equipment for the majority of road transport tasks. The S.CS MEGA is ideal for bulk transport. The X-LIGHT range stands out as being particularly lightweight with higher payload or lower fuel consumption. However, the empty weight of the standard trailer is also reduced due to weight savings in the optimised chassis. Further weight can be saved with corresponding body parts, like the POWER CURTAIN. You get greater flexibility – without any loss of performance.



Less unladen weight – more efficiency: S.CS MEGA with POWER CURTAIN – 400 kg larger payload than a standard MEGA semi-trailer.



The S.CS UNIVERSAL is the cost-efficient all-rounder for a variety of transport work. The new generation starts from an unladen weight of 5,990 kg.

Unladen weight from 4,975 kg**

The X-LIGHT trailer range – the UNIVERSAL, MEGA, COIL or PAPER models – achieves significant weight reduction by the use of aluminium components in the chassis and POWER CURTAIN in the body. Die X-LIGHT-Modelle erfüllen alle Zertifikate.



X-Light chassis with aluminium components.



Drop supports with aluminium support legs.



Lightweight axle head with 19.5" brake disc.



The Trailer Competence Centre in Altenberge



Precise formation by roll forming: automatic I-beam production enables the production of continuous profiles without thermal deformation.



Another Altenberge success story; almost all Schmitz Cargobull trailers run on the in-house developed ROTOS running gear.



Tailored transport solutions are created using industrial manufacturing cycles and state-of-the-art manufacturing technology.



Test distance: 1,000,000 km. Our prototypes have undergone a service life test on our hydro-pulsor before they have even driven their first kilometre.

* Option ** Applies for the S.CS UNIVERSAL X-LIGHT depending on the equipment.

Curtainsider Body Systems

You decide what will maximise the benefits for your business. Short load times or maximum flexibility when handling the load. Convenience and safety at work or the cost-effective standard solution. The S.CS curtainsider with SPEED CURTAIN provides the fastest turnaround speed and the highest level of safety in terms of handling. The standard S.CS UNIVERSAL curtainsider cannot be beaten in terms of its load securing flexibility. The S.CS curtainsider with POWER CURTAIN is the ideal combination of both systems in many cases and offers access to the load in a matter of minutes. The fact that it has no support laths makes handling easier and improves safety at work for the driver. At the same time, the POWER CURTAIN also features lateral straps for quickly securing partial loads. If required, the flexible load securing system fitted to the standard body can also be used here. The structural strength of all three solutions naturally complies with all the necessary certificates.

Your Service Benefits:



Full Service contract for trailer and tyres



Financing including services such as Full Service and telematics

The body length of the S.CS curtainsider semi-trailer ...

... UNIVERSAL:

13.6 m



14.9 m



16.5 m



... MEGA:

13.6 m



...with SPEED CURTAIN:

13.6 m



... with POWER CURTAIN:

13.6 m

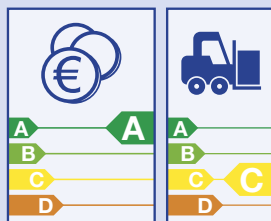




S.CS UNIVERSAL S.CS MEGA

Your Benefits:

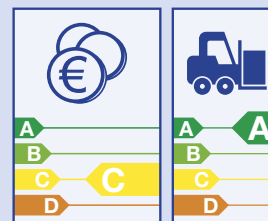
- Certified structural strength in compliance with DIN EN 12642 Code XL, DL Directive 9.5 and VDI Directive for beverage transport
- Flexible load securing system, which ensures simple, quick securing for every type of freight
- Cost-effective basis with stable value retention and good resale value (universal range of uses)



SPEED CURTAIN

Your Benefits:

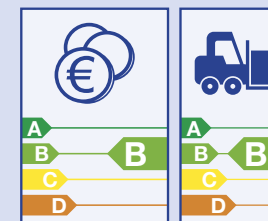
- Vertical micro-stanchions in the tarpaulin ensure certified structural strength in compliance with DIN EN 12642 Code XL, DL Directive 9.5 and VDI Directive for beverage transport
- Once the tarpaulin has been opened – you have free access to the freight in 35 seconds, as no stanchions and support laths are needed
- Special load securing system, with vertical locking bars and cross beams, ensures the flexible securing of partial loads



POWER CURTAIN

Your Benefits:

- No support laths means easier handling, and greater safety when loading and unloading
- Operating cost savings thanks to lath-free body, no misplacing of support laths, lower risk of injury
- Good structural rigidity certified to DIN EN 12642 XL, DL Directive 9.5 and beverages certificate
- Ideal for combining with many curtainsider semi-trailer types of trailer in the Schmitz Cargobull range
- Cost-effective alternative to the SPEED CURTAIN
- Anti-theft protection, thanks to high-strength side tarpaulins



S.CS Curtainsider Semi-trailer with SMART PLUS Package

With the SMART PLUS package* you can combine an outstanding range of equipment with a comprehensive Full Service package plus trailer telematics system, to transform your curtainsider trailer into a complete solution. Financing is also available on request.

Triple savings: apart from the attractive combined pricing of the equipment package when bought new, the Full Service contract also incorporates the cost of service and repairs, including the replacement of worn parts – with unlimited mileage (km). Coordinating workshop services to meet our specifications takes pressure off your administration department and also increases the retained value of your trailer; a factor that is taken into account during financing and when it is bought back by Schmitz Cargobull.



Your Benefits:

- Competitive, inclusive pricing of the equipment package
- Improved value retention and low TCO (Total Cost of Ownership), thanks to the equipment fitted
- Full Service package lowers maintenance costs and increases availability
- Cost control and improved service life through tyre management
- Optimise flexible scheduling and usage with trailer telematics
- Flexible financing at favourable conditions
- One point of contact – one invoice
- Fast availability in 18 hours (applies to the S.CS UNIVERSAL and other selected models)

*The SMART PLUS package is available for the S.CS UNIVERSAL and the S.CS MEGA, also including the equipment options for coil and paper transport, as well as the two X-LIGHT versions of these models.



POWER CURTAIN body: The high-strength tarpaulin with built-in aramid fibres and wire inserts no longer needs support laths or lath brackets, which as a result reduces loading and unloading times.



Tyre pressure monitoring system: Decreases tyre wear, lowers fuel costs and reduces the risk of a breakdown. The sensor is fitted in the tyre directly on the rim.



Coupling sensor: The tractor unit can be reliably identified by monitoring the supply pressure to the brakes. TrailerConnect® in the trailer is based on the CTU3 telematics unit which acts as the central control unit.

The SMART PLUS Package Includes Plenty of Benefits for You

The services are integrated into the SMART PLUS package from the outset. Services represent a fixed component of the SMART PLUS package. Unforeseen circumstances and unplanned costs are completely covered and accounted for. We take the pressure off you so that you have more time to concentrate on your core business.

Full Service support is a major part. A single contact at Schmitz Cargobull Parts & Services coordinates all the necessary service work, issues repair approvals and collates invoices. You are always kept informed and receive a single invoice – if the services are not fully covered by the SMART PLUS package. The TrailerConnect® Alert telematics service removes strain from the scheduling team, who can use it to efficiently monitor the vehicle, location and journey. Flexible financing adapts to your needs and includes the cost of the service package.

The SMART PLUS package – Service modules



Full Service contract

Covers maintenance and service costs, replacement of all wear parts at around 1,700 service partners. In addition, there is Europe-wide breakdown cover with payment guarantee and handling by Schmitz Cargobull. The contract comes with unlimited mileage.



Full Service tyres

New premium brand tyres, tailored to your needs, whether local or long-distance transport, with over 2,500 service partners across Europe. The SMART PLUS package covers all replacement costs for worn tyres and flat tyres, including vandalism.



Trailer telematics system

Speedy access to the TrailerConnect® Alert telematics service with the Position Data, Geo (High Precision Location), Route Monitoring and Analysis modules, and event management for individual alarm configuration and documentation.



Financing*

Competitive monthly rates, including all service components that take into account the improved value retention of the trailer. Tailored contracts with customised durations.

* Optional.

POWER CURTAIN

The Schmitz Cargobull S.CS curtainsider semi-trailer with POWER CURTAIN offers a body without support laths for faster loading and unloading times. It complies with the requirements of DIN EN 12642 Code XL and also the supplementary requirements for transporting beverages and the DL Directive 9.5 for freight transport in the automotive industry. This certified structural rigidity is made possible by aramid belts welded to the inside of the tarpaulin. The steel corner stanchions on the front wall and on the rear portal provide the body with additional stability, as does the Schmitz Cargobull Safety Roof reinforced with plastic fibres.



Wire reinforcement built into the tarpaulin increases its strength and improves anti-theft protection.



Rear load securing with stitched tarpaulin loops in three rows above each other provides a securing force of up to 7,500 daN with partial loads (2,500 daN per row).



Rear load securing with a net suspended in the loops.

SPEED CURTAIN

The S.CS curtainsider semi-trailer with SPEED CURTAIN accelerates the loading process at the same time as simplifying load securing, thanks to the flexible load securing system. Due to the micro-stanchions integrated in the tarpaulin, no additional central stanchions and support laths are required for certified structural strength. There is no danger of injury from falling parts, like support laths. In addition, you also protect your driver as there is no longer any need to climb onto the loading surface to carry out additional load securing measures with complete loads.



Narrow perforated grid to stop the vertical securing beams

Tarpaulin stop to secure the tarpaulin when open

30 pairs of lashing eyes in the outer frame



Three heights in the S.CS MEGA – the interior height is adjusted in 50 mm increments by the use of perforated rails.



The SPEED CURTAIN makes beverage transport extremely fast and flexible – whether for long distance with complete loads or for distribution transport fitted with a tail lift.



Partial loads can be flexibly secured using locking bars and cross beams.



Make the most of the benefits of our build flexibility. We can build your DUO semi-trailer with a SPEED CURTAIN for frequent loading and unloading on one side and the proven standard Schmitz Cargobull tarpaulin on the other side to meet your precise requirements.

Safety for Your Freight and Trailer

For reversing to a docking area, the rear of the trailer is equipped with a reinforced head frame with additional diagonal struts. Sturdy steel safety elements protect the rear portal from damage. The modular body, consisting of screwed single components simplifies repair and enables retrofitting.

Cornering and overtaking still represent frequent causes of accidents for tractor-trailers, as it is difficult for other road-users to reliably assess the manoeuvre. Flashing side marking lights and LED rear lights indicate more clearly the change of direction along the entire trailer, increasing traffic safety for all.



Compressible roller bumpers protect the rear wall frame when docking with the loading ramp.



There are rubber bumpers, steel ram bumpers or compressible rollers available.



Modular design of ramp package provides for ease of replacement in the event of damage.



The attractive side guard typifies the new generation.



Side marking lights (SML).



Efficient and reliable: LED rear lights.



Rear corner supports have integrated ram protection over the entire height of the hinges.



TailGUARDlight™: The Electronic Ramp Approach Aid

The sensors of the TailGUARDlight™* ramp approach aid assists the driver when approaching the ramp. TailGUARDlight™ can independently initiate the braking of the trailer. An optical and acoustic signal informs the driver when they are reversing of the remaining manoeuvring space behind the trailer. The frequency of the signal increases as the distance to the ramp decreases.

* A registered trademark of WABCO Fahrzeugsysteme GmbH.

One Roof, Two Floors

All standard Schmitz Cargobull curtainsiders are always equipped with the self-supporting Safety Roof. The roof beam guarantees the full loading height over the entire surface area – pallet-wide right up to the roof. Thanks to the standard 130 mm roof profile, the higher through-loading height is particularly beneficial with MEGA bodies, reducing the risk of damage during loading.

The Floors

The all-round, flexible, elastic adhesive bonding of the floor plates to the chassis, using a special adhesive, produces a high-strength seal offering many benefits. Only six screws are needed to fix each floor element. The bonding of the floor and chassis also provides a permanent seal to combat rising moisture, protecting the freight.

The non-slip floor, featuring a black plastic coating, minimises the risk of the loads slipping. The significantly improved friction coefficient of approx. 0.6 μ has been certified by DEKRA, which simplifies the need for additional load securing and means fewer load securing options are needed to lash down the load.



The Roof Safety Airbag (RSAB)

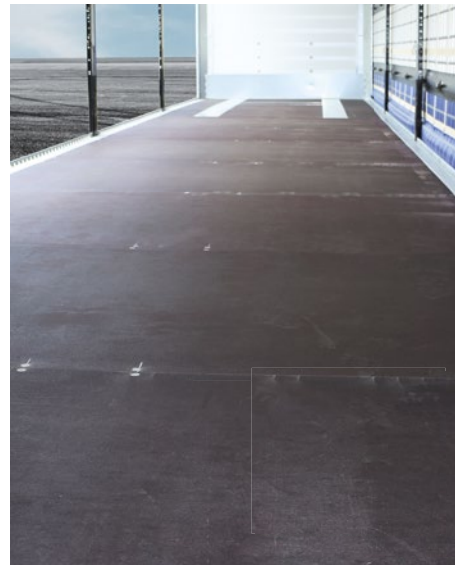
aids traffic safety. When pumped up, the RSAB causes water to simply run off the sides of the roof. In winter, the system prevents ice from forming on the roof and thus protects following traffic when driving.



The Schmitz Cargobull Safety Roof with fibre-reinforced roof tarpaulin increases the body strength as per Code XL including beverage certificate: a single roof model for all S.CS curtainsider semi-trailers and equipment versions without additional reinforcements under the roof.



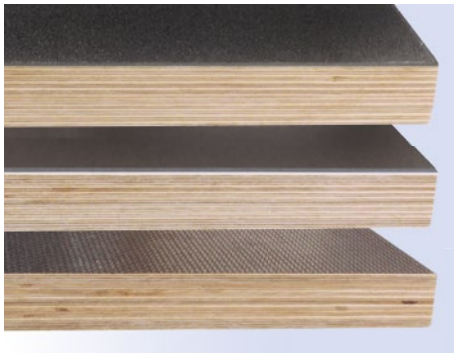
The Schmitz Cargobull Safety Roof can be raised on one side or both sides for stacker loading and can also be moved to the front or rear for crane loading.



The glued floor with a higher fork-lift axle load of 7.5 t improves the strength of the chassis and seals the loading surface from the ingress of moisture.



The continuous non-slip floor increases friction and simplifies load securing.



The 28 mm plywood floor is available with a range of different finishes and a steel layer on the underside to withstand a fork-lift axle load of up to 9 t.

Code XL plus Beverage Certificate

Bulkhead, stanchions, roof and tarpaulin – all components in our S.CS curtainsiders contribute to the structural rigidity of the trailer, in accordance with DIN EN 12642 Code XL including beverage certificate. This is the standard for all Schmitz Cargobull S.CS curtainsider semi-trailers. On request, the trailer can also be made DL Directive 9.5-compliant, along with the additional requirements for rail loading, paper and coil transport.

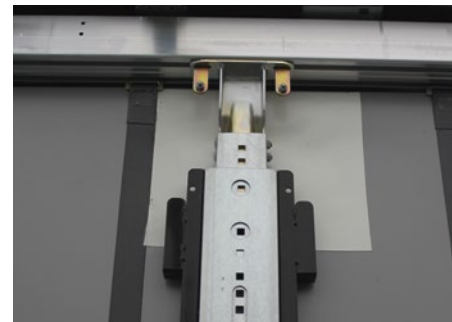
Fully interlocking loading with freight pallets, beverage pallets or pallet cages for the automotive industry requires no additional load securing measures. The body's load securing standards are identified by visible labels on the tarpaulin, as well as on the front and rear wall.



All Schmitz Cargobull curtainsider semi-trailers are DIN EN 12642 Code XL-certified and certified for beverage transport.



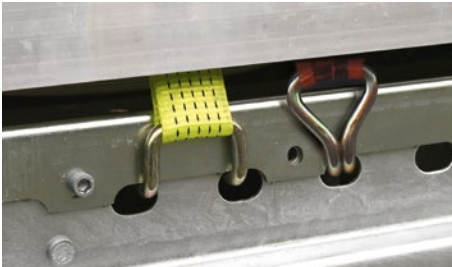
The bodies are certified in driving tests. First we test their durability with hydropulsers in the Schmitz Cargobull Validation Centre.



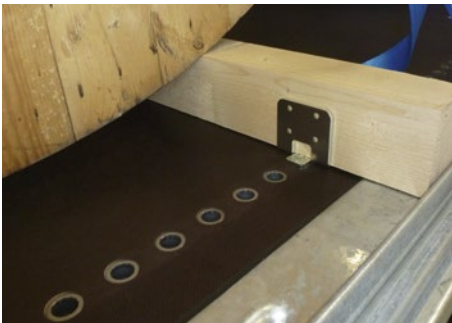
High-strength, movable central stanchion with two-point mounting on the roof beam, which improves safety when handling the stanchion.

Geprüfte Aufbaufestigkeit / Confirmed body strength		
Vorderwand / Frontwall	0,5 P	13.500 daN
Seltenwand / Sidewall	0,4 P	10.800 daN
Rückwand / Rearwall	0,3 P	8.100 daN
P = 27.000 Kg		
Fahrzeug entspricht Vehicle body in compliance with		EN 12642-XL certificate
SCHMITZ CARGOBULL		1088011

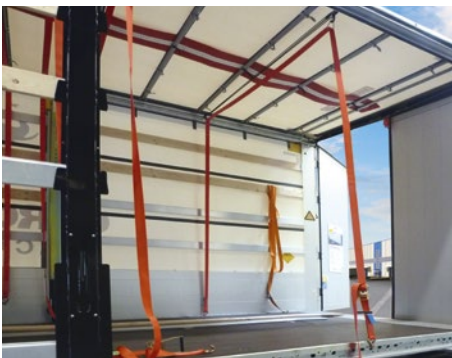
The structural strength and Code XL certification of the body are visibly displayed on the bulkhead.



Clearance to the continuous lashing holes in the outer frame below the bottommost slat pocket.

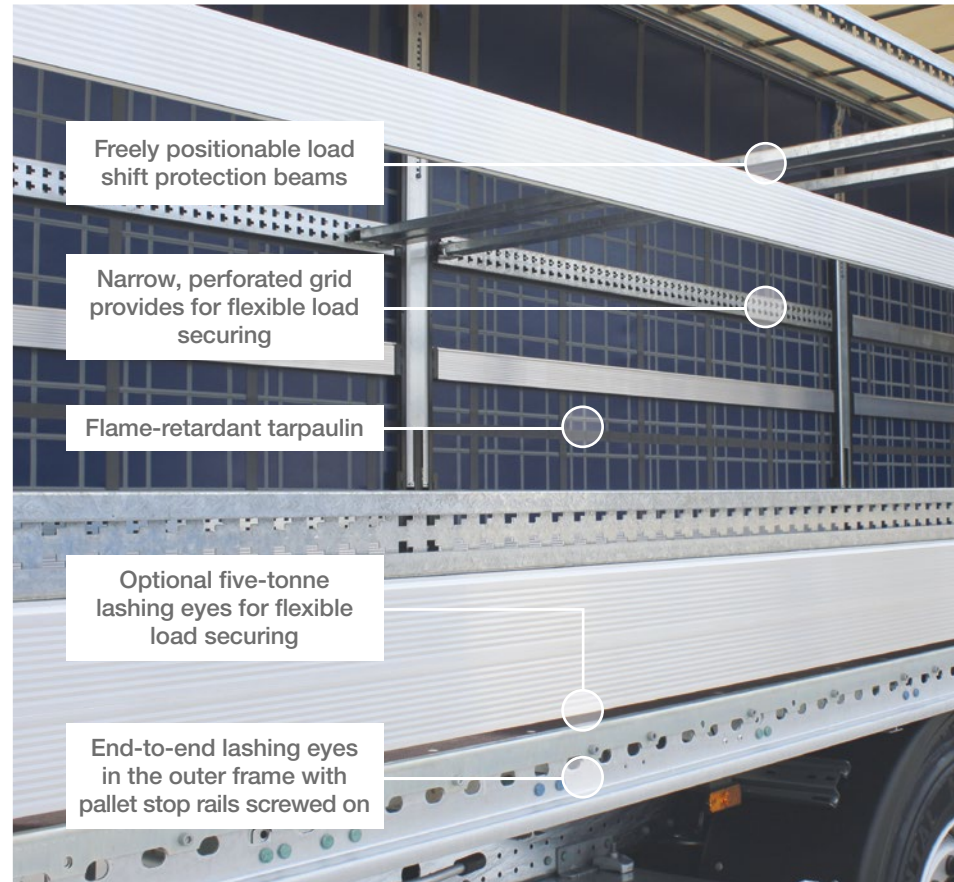


Floor sleeves simplify load securing, for instance with cable drums.*



Sliding lashing system: lashing straps that pass over the roof can be positioned flexibly and quickly tightened by the driver without assistance.

* Optional.



Load Securing

Metal profiles, paper rolls, big bags – there's an efficient load securing system for every type of freight. The stanchion pocket racks, at right angles to the direction of travel, provide flexible options for transporting steel and long materials: the load is secured simply and quickly by inserting the plug-in stanchions into the stanchion pocket racks.

Schmitz Cargobull enables faster loading with chemical semi-trailers, which delivers faster turnarounds. A further benefit is that less securing material is needed. In addition, special equipment combinations minimise the risk of transport damage and the costs incurred as a consequence.

Standard for chemical transport:

- Certified structural strength conforming to DIN EN 12642 Code XL
- Hazardous goods transportation equipment
- End-to-end lashing eyes ensure the flexible use of belt hooks
- Flexible load securing system
- Belt adapter for steel laths



More information and options can be found in the load securing brochure.

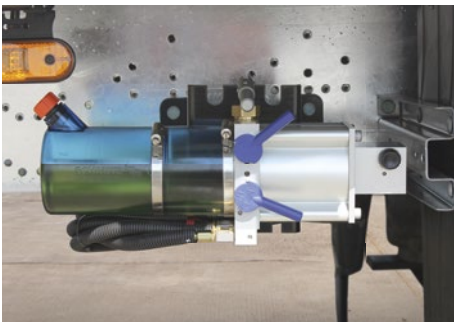
S.CS MEGA and S.CS MEGA VARIOS Curtain-sider Semi-Trailers

The S.CS MEGA sets the standard for automotive transport. Certified according to DIN EN 12642 Code XL, the body holds 96 pallet cages or 34 Euro pallets. The requirements of the DL Directive 9.5 are met as standard.

The adjustable VARIOS body enables the semi-trailer to be combined with different coupling heights, whilst complying with the legal, overall height restrictions. Different trailer heights can be adjusted with loading space heights of between 2,750 and 3,050 mm. The lower the fifth wheel height, the higher the usable cargo area height.



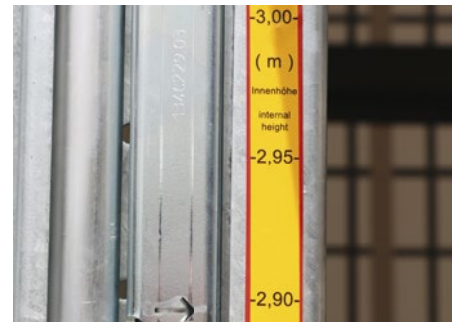
The latest S.CS MEGA generation uses a MODULOS chassis with continuous GENIOS I-beams for greater stability and load-bearing strength. The S.CS MEGA with VARIOS body can be towed by both lowliner and standard semi-trailer tractors, offering you greater flexibility when scheduling your fleet.



Hydraulic roof lift – the entire system can be conveniently operated from the pump.



The manual lift system in the corner stanchions allows the roof to be lifted on the left, right or on both sides.



A perforated strip can be used to adjust the roof height of the S.CS MEGA in 50 mm increments.



Rear panel in the VARIOS body over the rear doors to compensate for the variable body height.

Your Benefits:

- Height adjustment in 50 mm increments
- Different segment heights in the body adapt perfectly to the load
- A load-bearing capacity of the second loading level of 10,000 kg for the double-decker HEAVY system and 6,000 kg for the double-decker LIGHT system
- Certified load securing conforming to DIN EN 12642 Code XL
- Rapidly dismantled double-decker system is stored compactly in front of the front wall or on the side wall



Variable utilisation of the load space with a total of 67 pallet spaces. Max. 3,050 mm usable internal height with the S.CS MEGA.

Double-decker LIGHT System

It is essential to make optimum use of the loading space with non-stackable goods. Schmitz Cargobull creates a flexibly assembled second layer with double-decker systems. Two systems are available: the LIGHT system with a total 6,000 kg payload or the HEAVY system with a 10,000 kg payload. There is space for up to 33 pallets. The height of the second loading level and the support laths can be easily adjusted in six segments. The height of the second loading level and support laths can be simply and flexibly adjusted in 50 mm increments. The stanchions closed to the loading surface reduce the risk of damage to the goods.



When parked, the double-decker floor can be stored between the stanchions or in front of the front wall.



Cross beams between the stanchions or the side support beams allow the second level of freight to be securely loaded, e.g. in the HEAVY system.



The double-decker system is quickly assembled and the LIGHT version can also be adapted to the S.CS UNIVERSAL.



The cross beams provide a payload of 1,000 Nm and can also be used for load securing with 800 daN. (LIGHT system)

Beverage Transport

The body, roof tarpaulin and corner and central stanchions have been reinforced for fully interlocking, complete loads of drinks crates. Aluminium laths provide side support, coupled with a tarpaulin with longitudinal and lateral straps. The trailer is certified to DIN EN 12642 Code XL, and kegs are also not a problem. This enhanced certification as per DIN EN 12642 Code XL and the VDI Directive 2700, Sheet 12 certifies the S.CS curtainsider semi-trailer to transport strapped 30/50-litre steel kegs and unstrapped plastic-coated kegs containing 30 or 50 litres.

The POWER CURTAIN (see page 12) or the SPEED CURTAIN (see page 13) are efficient for shorter loading times.



No additional load securing measures are needed with complete loads. Cross beams absorb the forces with partial loads. The cross beams can be precisely positioned by the flexible load securing system with a perforated grid in the steel support laths. They can be inserted in two simple steps. The double-decker system can also be easily used.



Cross beams in front of and behind the freight secure partial loads from sliding lengthways.



Spacing slats are folded up so that they interlock along the sides for the transportation of bottle pallets.



The body's certified qualities enable the transport of strapped steel kegs without needing to lash them down onto pallets or unstrapped kegs with a plastic coating. Four aluminium support laths are always mandatory. Here combined with steel laths with holes for mounting the cross beams.

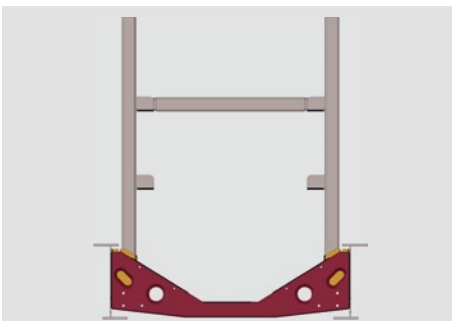




Coil combi-supports fits into the stanchion pockets in the well – and also into the stanchion pockets in the outer frame.



Heavy-duty coil supports are ideal for the transport of large-diameter coils (slit strips).



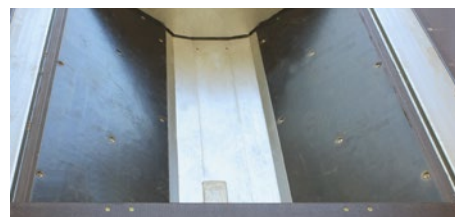
Securing supports with cross beams are ideal for small coils.



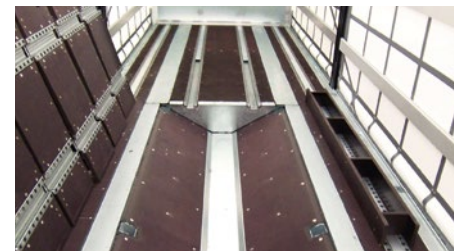
Coil combi-supports, combined with steel chains in heavy-duty lashing eyes, simplify load securing with the certified load concept complying with VDI Directive 2700 Sheet 19 a.



The well covers enable return freight, such as pallets, to be transported, increasing the trailer's efficiency.



The rubber lining in the coil well is gentle on the freight and improves transport safety.



Two transport solutions in one trailer: steel coils on the outbound journey and paper rolls on the return journey.



15 pairs of 5-tonne lashing eyes enable the load to be secured at almost any point.

S.CS COIL Curtainsider Semi-trailer

The S.CS COIL curtainsider, with its low centre of gravity, enables the safe transport of steel coils with a diameter of 800 mm to 2,200 mm. The reinforced chassis construction is capable of handling point loads of 30 t on 1.5 m and – with an exception certificate – is capable of transporting indivisible freight with a total towing weight of 45 t in a five-axle truck and trailer combination. The coil well is available with a rubber coating. This protects the sensitive surface of the steel coil and increases transport safety through an improved friction coefficient.

The combination of coil well and Joloda steel rails makes your daily transport tasks even more efficient, by allowing you to carry steel coils on an outbound journey and paper rolls on the return journey, for example.

Paper Transport

The S.CS PAPER X-LIGHT curtainsider is a multi-talented specialist. Its specially designed chassis with narrow cross beam spacing, together with the sturdy plywood floor, allows a maximum forklift axle bearing load of eight tonnes (in accordance with DIN EN 283). Lashing holes along the entire length of the outer frame enable the load to be lashed vertically at almost any position.

The Schmitz Cargobull S.CS PAPER X-LIGHT curtainsider semi-trailer (with an empty weight from 6,190 kg*) complies with DIN EN 1 Code XL and also VDI Directive 2800 Sheet 9 and therefore meets all the requirements for the transport of rolls of paper.



Systematic and certified load securing: whether lying longitudinally or laterally, lashed down, secured with adjustable locking wedges, standing, secured with top lashings and additional non-slip mats, the PAPER X-LIGHT can secure paper rolls in every position.



Full-length, wear-resistant steel rails or one-piece aluminium rails allow the manual moving of rolls of paper and pallets on the loading surface.



Accessory components can be stored in the storage compartment in the bulkhead.



Every 5.5 kg wedge can be locked onto the perforated rail, parallel to and at right angles to the direction of travel, and tied to the rolls of paper.



A chequered plate at the rear, flush with the floor and Joloda rails, protects the floor in the rear area.

* without additional fittings.

Multimodal Transport

On some routes, it is more efficient to transport the S.CS curtainsider by rail or ferry and deliver the freight to its destination using unaccompanied, multimodal transport.

There is a heavy-duty FERRY HD version of the S.CS UNIVERSAL curtainsider semi-trailer to ensure that neither the load nor the trailer are damaged during short sea crossings, as the turnaround by terminal tractors takes place in tough ferry conditions – always under extreme time pressure.

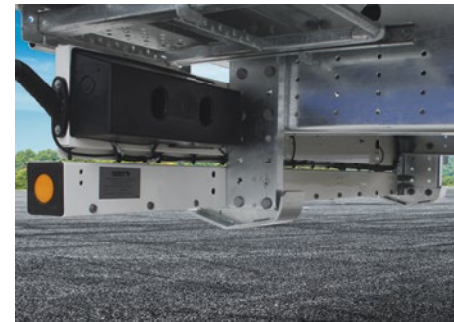
Your Service Benefits:



Insurance for trucking and stand-alone trailers as well



The trailer can be loaded unaccompanied onto rail vehicles for long-distance journeys: part units in multimodal transport are an economical alternative, for instance on transalpine journeys, as the tractor unit can be used elsewhere during this time.



Robust even when bottoming out: folding ferry underride guard with skids.



Stable during ferry transport: ferry lashings on the tail end secure the trailer during the crossing.



Standardised gripper edges permit vertical handling using a crane or reach fork-lift.



The underride guard position ensures compliance with the various surrounding spaces.



The required ILU code for inter-modal transport.



Special lashing points are provided on the I-beam and frame to secure the trailer to the ferry, even in rough conditions.

TIR Equipment

Make the most of your opportunities throughout Europe. The S.CS curtainsider semi-trailer with TIR equipment offers a peripheral customs cable and a lead-sealed roof tarpaulin. Solid cover plates over the tarpaulin clamping ratchets secure the load from lifting and partial opening of the tarpaulin. On request, the customs-approved S.CS curtainsider can also be equipped with dropsides.

In addition to the security aspects, this equipment also provides time benefits, thanks to rapid customs processing and faster loading.



The S.CS curtainsider semi-trailer with TIR equipment also allows the product benefits, including structural strength and rapid loading, to be used in countries requiring TIR.

Your Service Benefits:



Monitor your trailer and freight with the TrailerConnect® telematics system



TIR equipment with customs sealing identification.



Cover plates on the front and rear tarpaulin tensioners, along with crimps on the outer frame, provide for the required customs sealing. All the securing elements are connected by the full-length customs cable and a lead seal.





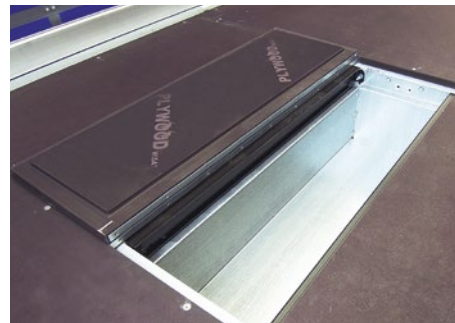
The optional 620 mm or 720 mm high dropsides can be combined with a short ...



... or a long sliding tarpaulin.



Pallet boxes provide storage for 24, 30 or 34 Euro pallets.



The optional storage box in the trailer floor provides space for the lashing material.



Two lashing eyes in the front steel corner profile improve load securing on the bulkhead.



Energy-saving LED reversing lights illuminate the floor for safe handling at the rear portal.



Additional LED working lights enhance the peripheral lighting for better working conditions during side loading and unloading.



Flexible loading with the mounting for a truck-mounted fork-lift.

Equipment and Accessories

A range of different equipment options provide you with all kind of options to confidently overcome all the challenges you face in day-to-day work with your S.CS curtainsider semi-trailer.

Your Service Benefits:



Full-service contract to enhance your equipment

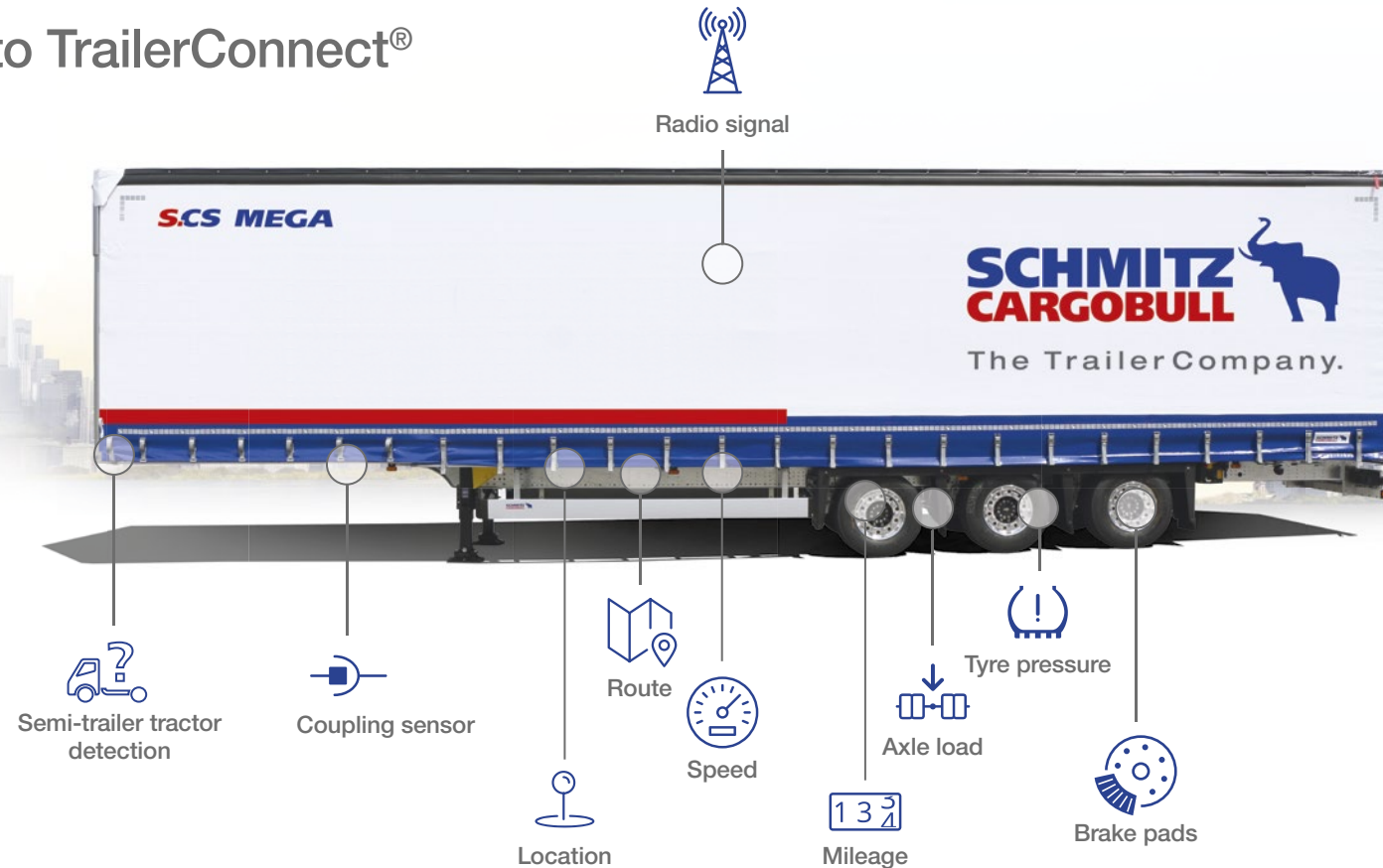


The fold-down tail lift ensures fast unloading even without a ramp or forklift.

SmartTrailer Thanks to TrailerConnect®

SmartTrailer represents a milestone for the transparency and availability of digital trailer data in logistics. The data is collected centrally from the sensor-monitored technical components and transmitted to the central information database, by an integrated sensor architecture built around the TrailerConnect® telematics system. This data is combined with the location and trip data and controlled via the Telematics portal 2.0 and the beSmart app.

Record, compile and intelligently network transport data to optimise your transport and logistics processes: gain an overview with the TrailerConnect® telematics system.

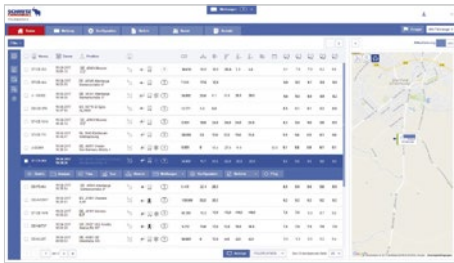


Your Benefits with TrailerConnect®:

- TrailerConnect® takes the pressure off your scheduling department, which can use the latest data to check whether the freight has reached its destination on time and connecting times can be met.
- You retain an overview as to whether the correct units are being coupled together
- You are informed about every movement of the trailer and can react immediately in the event of misuse or theft
- Monitoring your trailer technology lets you avoid breakdowns caused by wear and reduces fuel consumption due to incorrect tyre pressure, saving time and costs through demand-led maintenance and repair of your trailer.

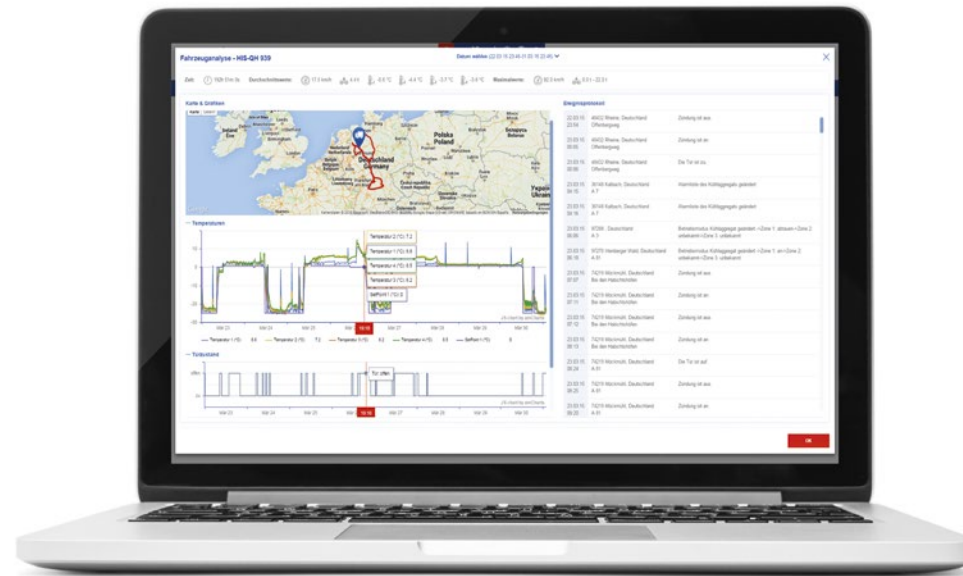


Please refer to the Trailer-Connect® brochure for further information.



The status overview

- All the latest key trailer data at a glance, including map section
- Use of trailer groups and filter sets for demand-led views
- Go directly to the function and analysis you need in a couple of clicks



TrailerConnect® control unit

- Robust: all components are firmly soldered to the PCB and comply with the exacting IP6K7 industry standard
- Incorruptible: the permanently built-in motion sensor reacts to every movement of the trailer
- Accurate: processes data from intelligent components and sensors in a coherent network
- Smart: with built-in WiFi module for connection to the beSmart App



TrailerConnect® portal 2.0

Experience your transport live. The TrailerConnect® portal 2.0 precisely provides the status of your transport and freight at a glance: real-time data, events, messages or location information. All the values are comprehensively visualised or can be filtered. PDF and Excel reports are available.

beSmart – Your new Trailer&Cargo Manager

Raising the benchmark in trailer telematics; Schmitz Cargobull makes this claim with its TrailerConnect® product range. Continuously monitor the status of your trailer, using the beSmart app and react quickly should you need to. An integrated WiFi module in your trailer provides communication between the telematics control unit and a smartphone.

ROTOS DriveTechnology

Our ROTOS running gear provides outstanding road handling combined with maximum uptime. The extremely low-vibration axle consists solely of well-known brand-name manufacturer's components.

MRH pneumatic suspension

The best road contact in every situation: MRH pneumatic suspension protects the load and trailer, enabling the loading height of your trailer to adapt automatically to different ramp heights.

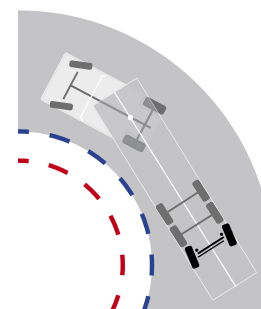
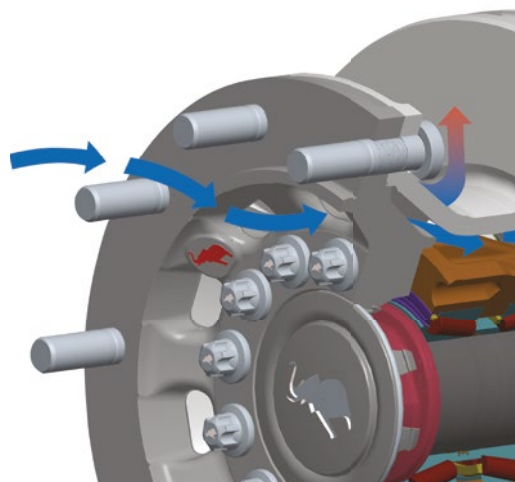
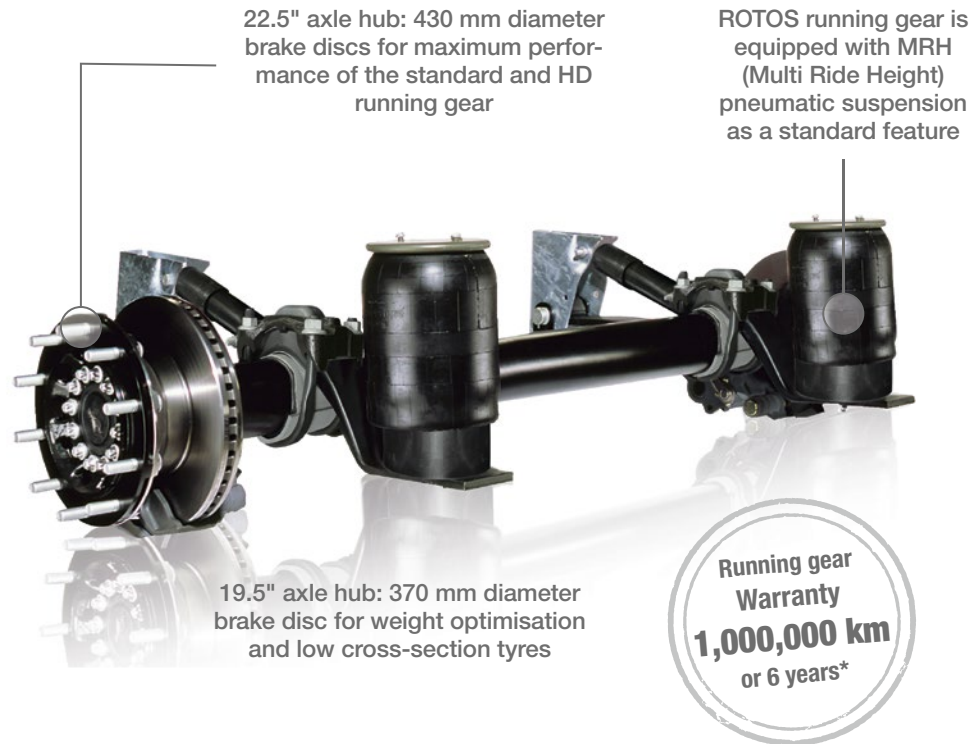


Please refer to the ROTOS brochure for further information.

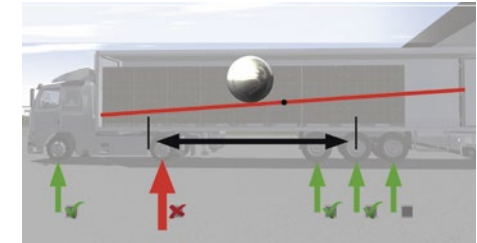


The video at YouTube: ROTOS. The running gear.

Innovative ventilation system: air in the axle hub is drawn in from the outside past the hub, and directed both onto and into the brake disc, refrigeration the brakes and wheel bearings. Your benefit: brake performance remains reliable, even during constant operation, and the brake pads last longer.



A ROTOS running gear with self-steering axle as the third axle increases the manoeuvrability of the tractor at full payload.



The centre of gravity changes for partial loads at the rear, moving forward and increasing the trailer load. The shifting of the centre of gravity can be balanced out to avoid exceeding the permissible load on the drive axle of the tractor unit: loading is removed from the rear axle of the trailer through LSP (Load Spread Program).

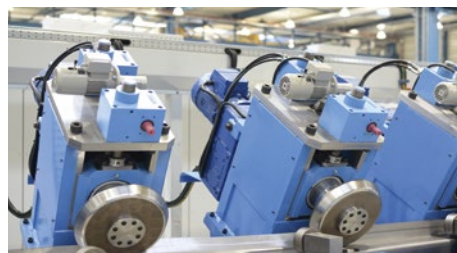
Your Benefits:

- Less heat generation results in greater brake performance
- Maintenance-free wheel bearings save costs
- Lower weight of the unsprung mass gives better trailer handling
- The ability to adjust the trailer height to loading ramps provides greater flexibility
- Standard driver assistance systems improve safety

* Excluding wear parts. Guarantee meets the requirements for on-road use. ** Optional.

MODULOS Chassis

Roller-profiled I-beams produced in one piece: the MODULOS chassis results in greater load-bearing capacity, thanks to an increased distributed load with optimised weight and an extremely stable construction, largely without welding.



The roller sets can swivel in all three dimensions to enable changes to be made to the cross-section of the profile. This innovative technology has design benefits over welding and is also superior to welding in terms of energy consumption.



Quality in one piece: the finished workpiece is initially immersed in the zinc bath. This galvanising process ensures that the edges and hollow spaces are just as well protected as the large outer surfaces.

MODULOS 

Your Benefits:

- **Maximum durability throughout the entire service life**
- **Increased load-bearing capacity: 10 % more distributed load**
- **Precision forms the basis for a good, strong chassis**
- **Modular design for perfect adaptation to transport tasks**
- **Repair- and maintenance-friendly, thanks to removable bolt connections**
- **10 year warranty against rust-through**



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The Trailer Company.



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