

**RELIABLE  
PARTNER  
EXPERT ON  
THE ROAD**



**UNIVERSAL SEMI-TRAILERS**



**WIELTON**



## **WE DELIVER QUALITY AND GUARANTEE SAFETY**

Universal trailers are adapted to the transport of various types of cargo. Despite their size, they do not pose any difficulties for the driver in terms of safe manoeuvring during transport. Innovative design of the semi-trailers enables safe loading and securing of the entrusted goods. This translates to easier operation and reduced transport times.

## **STRONG POINTS**



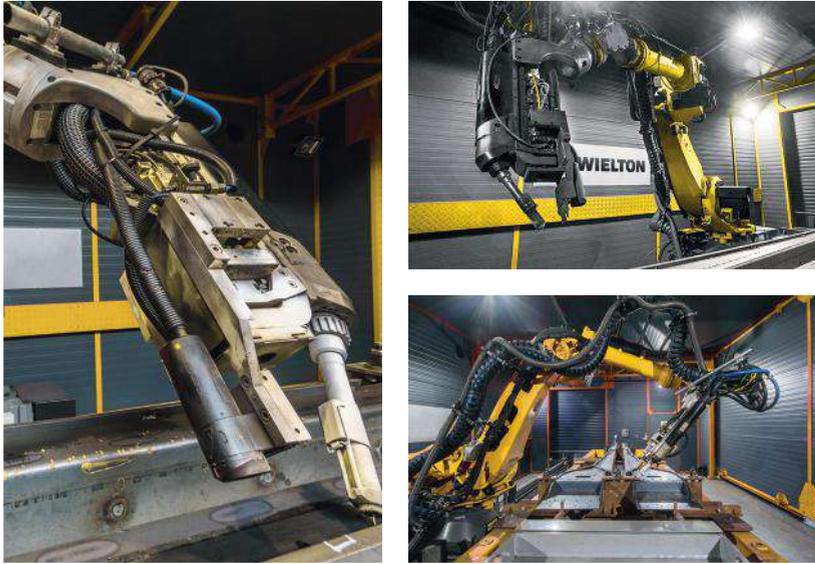
- + **The highest quality confirmed by certificates**
- + **Optimized structure of the frame and rack in the semi-trailer increases its strength, functionality and maintains its optimal weight**
- + **Safety Guarantee**
- + **configuration options tailored to individual customers needs**

# EXPERT ON THE ROAD



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## INNOVATIVE PRODUCTION TECHNOLOGIES

# DURABILITY AND AESTHETICS | KTL LINE

One of the many challenges we faced while developing the new CURTAIN MASTER model was to develop an effective anti-corrosion method. In the production process we use the modern cathaphoresis coating method, which allows to obtain a coating of even thickness, ensuring excellent corrosion protection. The use of this technology increases the life of the chassis and minimizes the risk of corrosion. As a result, the semi-trailers are perfect for even the toughest conditions. This method also allows for a very aesthetic finishing of construction details and the adaptation of the product's colouring to the customers' corporate colours.

# DURABILITY AND PRECISION | HYBRID WELDING

The CURTAIN MASTER semitrailer is based on the modern technology of hybrid welding. This method uses two heat sources - laser radiation and an electric arc. As a result, the obtained joints are very solid and precise, which minimizes any deformation of the structure. We know perfectly well the challenges that the transport industry faces today. In order to meet its needs, we have prepared a product with increased strength which is able to meet the most demanding requirements of our customers.



The dimensions of our stands enable the complete immersion of the trailer frame in the cathaphoresis coating process.

# THE MOST MODERN RESEARCH AND DEVELOPMENT DEPARTMENT IN THE COUNTRY

Quality and safety are the key values of the Wielton brand.

The Wielton Research and Development Department is the first facility of this type in Poland and the second in Europe. It is an invaluable engineering and research facility in which newly developed products are subjected to numerous tests, detailed diagnostics and construction studies. The process of implementing innovative solutions requires advanced scientific support and thanks to this cooperation we are able to exclude potential and hidden defects of vehicles at the design stage, before they reach production lines. As a result of these efforts, we offer you products that meet the highest global strength standards essential for efficient transport of various types of cargo, including sensitive goods.



## TEST TYPES



- + Flooring strength test
- + Measurements of loads on all axles
- + Measurements of total mass
- + Testing of structure deflection under maximum load
- + Dynamic tests of the rear frame and buffers
- + Leakage test
- + Tests of the straightness of the flooring of the semi-trailer
- + Static strength tests
- + Static and dynamic VDI tests
- + Calculations using the FEM method
- + Strain gauge measurements
- + TRITOP photogrammetric measurements
- + MTS tests



**GREAT QUALITY**  
THANKS TO TRUSTED  
PARTNERS

**STRENX® 700 STEEL**  
**INCREASES PERFORMANCE**  
**AND EFFICIENCY**

When it comes to exceptional performance under extreme loads, you can be sure that the Strenx® steel in our products has increased strength and service life. High-strength steel trailer frames are stronger and lighter at the same time!

# COOPERATION WITH THE LEADING SUPPLIERS

The CURTAIN MASTER semi-trailer, like other Wielton products, is equipped with components from leading manufacturers on the market. They ensure trouble-free operation and reduce the costs. The new model of the semi-trailer, as well as other products on offer, can be adapted to the individual needs of customers who may enjoy various configuration options.

Steel and aluminum producers:

**SSAB**  ArcelorMittal

**GK**  **Hydro**  
Grupa Kęty

**STRENX**<sup>®</sup>  
PERFORMANCE STEEL

**HARDOX**<sup>®</sup>  
WEAR PLATE

**voestalpine**

Braking systems, hydraulics, lighting:

**WABCO**

 **KNORR-BREMSE**

**Haldex** 

**ASPÖCK**<sup>®</sup>  
S Y S T E M S

**HYVA**<sup>®</sup> **Binotto**<sup>®</sup>  
THE TIPPING POWER

Axles and suspension:

**SAF-Holland**

 **JOST**

Wheels and rims:

**BRIDGESTONE**

 **MICHELIN**

**GOODYEAR**

**Continental** 

  
**ALCOA**  
WHEELS

  
**MAXION**  
WHEELS

# CURTAIN MASTER

## RELIABILITY LEADER

The Curtain Master semi-trailer is up to 42 tons of cargo, 13.83 m of professionalism, 2.55 m of reliability and 4 m of functionality. Curtain Master means standard dimensions for non-standard needs. It is ideal for the transport of various types of materials with different dimensions.

- + Strong and proven design available on the market for many years
- + Satisfaction confirmed by customers
- + Rich standard equipment
- + The most sold product of the Wielton brand



The roof can be opened on both sides.



High-quality tarpaulin tensioning device.



Aluminum rear door.

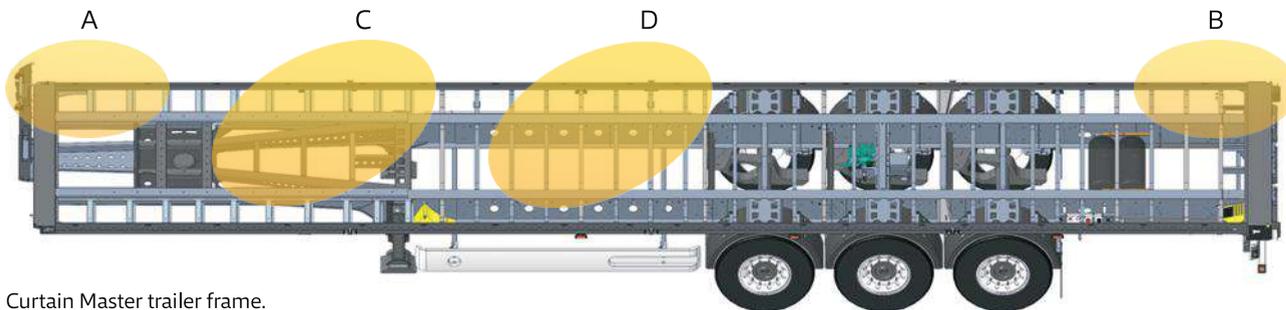


Storage case for frame boards.



# STRUCTURAL STRENGTH PROVEN BY TESTS

- A/B** Special structure of the support responsible for strengthening the front and rear side panels.
- C** The special structure of the beam in the front part of the trailer ensures optimal strength and correct distribution of stresses.
- D** Special design of crossbars responsible for the strength of the trailer frame and the floor plate.



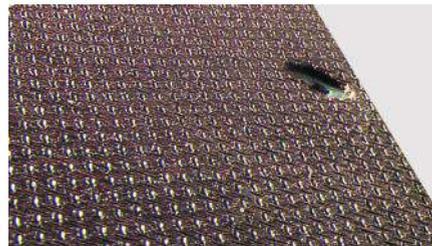
Curtain Master trailer frame.



Front wall protection.



Floor sheathing with a strength of 7.5t or 9t.



Quick and convenient device system for opening the tarpaulin.



Possibility to install ROLLSTOP.





Aluminium front body wall.



Flooring profile with Safety Lock slate.



Back door double hinge.



Safety Lock slate securing the load.



# TIGHTNESS TAKEN TO A HIGHER LEVEL PROTECTION AGAINST MOISTURE



Tightness and protection against moisture is very important in transport. It's thanks to the maximum tightness that we can safely say we take utmost care of your cargo.



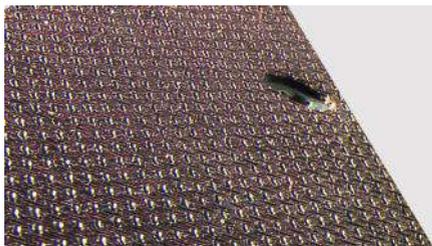
Additional protection of cargo against water is provided by a specially designed rear door seal.

**Additional seals.**



Improved tarpaulin construction and new, improved roof elements seal the cargo space, thus protecting the goods from moisture.

**Tight construction.**



Smooth structure of the floor made of 30 mm board and additional plugs for holes on the frame in the place of cargo fixing.

**Floor protection.**



Tarpaulins used in Wielton trailers, together with innovative seals, perfectly protect the cargo against damage. They are characterized by excellent technical parameters such as enormous mechanical resistance (to tearing, all kinds of damage), colour durability and high resistance to weather conditions (water resistance, windproofness, high and low temperatures, humidity).

# MEGA CURTAIN MASTER

## MORE SPACE

Megato curtain semi-trailer is an ideal solution for the automotive industry, whenever a large loading capacity is needed. Thanks to lowering the level of the frame and the suspension, we gained the possibility of using a higher frame, thus increasing the capacity of the semi-trailer while maintaining the allowable total height. We also use the Mega configuration for transporting steel coils and intermodal loading units. At the customer's request, we use the Mega configuration in other Curtain Master models.

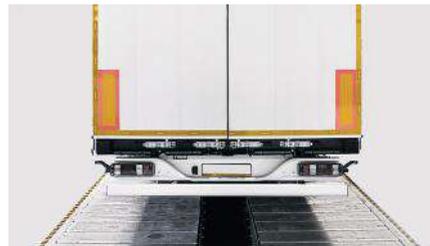
- + Larger cargo space
- + Various configuration options tailored to individual needs



More loading space.



Aluminum rear door.



SAF 19" axles in standard version.



Rack boards storage case.



# CURTAIN DROPSIDE MASTER (CURTAINSIDER) FOR CARGO SAFETY

For demanding customers, a combination of side-by-side trailer and curtainsider is available. Four curtain heights allow the optimal configuration of the trailer for the customer's needs. Optionally, Dropside Master is also available in TIR customs version.

- + Strong and proven design available since many years on the market
- + TIR-certified semi-trailer
- + Satisfaction confirmed by customers
- + Various configuration options tailored to individual needs



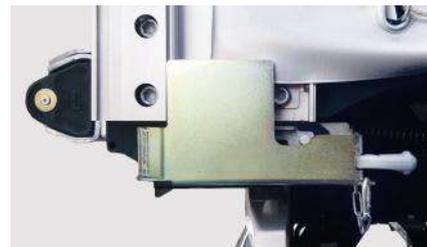
Ergonomic tarpaulin attachment.



Tire transport system.



Customs seal.



Customs curtain.



# **STRONG LIGHT** LIGHT TRAILER WIELTON

Strong Light Master is the lightest model of a curtain semi-trailer available in our offer. It is a light and durable structure fully adapted to the needs and requirements of carriers looking for ecological solutions. The semi-trailer fulfils its transport and utility purpose while reducing its environmental impact.

- + Low weight
- + Strong and durable structure adapted to difficult conditions of use
- + A full range of certificates available, such as for the standard Curtain Master semi-trailer
- + Frame is made of high-strength S700 steel

Strong Light semi-trailer tested in the Research and Development Department.





THE LIGHTEST CURTAIN TRAILER AVAILABLE BY WIELTON



LOWER FUEL CONSUMPTION  
LOWER CO<sub>2</sub> EMISSION  
LOWER COSTS



VERSATILE APPLICATION  
MORE CAPACITY THANKS TO REDUCED WEIGHT

# NEW VEHICLE



Pneumatics control panel.



More ergonomic frame.



More loading space.



Symmetrical frame side buffer construction.



# FRAME STRENGTH

## IDENTICAL TO THE ONE OF CURTAIN

RAMACURTAIN MASTER



RAMASTRONG LIGHT



The reduction in overall weight of the new model has been achieved primarily through the use of alternative production materials such as high-strength S700 steel or the replacement of steel with aluminium in components such as air tanks, support legs, bumper, side buffers, etc.

The new frame structure has been optimised and the main frame connection beams have been perforated to reduce weight.

We used specialised glass fibres in the flooring, which reduced the thickness of the plywood used in the production, while maintaining the necessary strength.

The Strong Light trailer has been recalculated for durability, taking into account the dynamic excitations at full load, and further tested on a durability test bench to confirm its reliability in real operation.

Side crossbars.



Center crossbars.



Ergonomic rear structure of the trailer.



Support legs additionally secure the cargo.



# WEIGHT REDUCTION EQUIPMENT

LOAD MORE ON YOUR SEMI-TRAILER



Choice of weight-reducing alloy wheels.



Possibility to choose lighter tires.



Weight-saving half-fenders.



Aluminum support legs.



Aluminum Air Tanks.



Aluminum bumper to reduce weight.



A bicycle bumper made of aluminum.



# COIL MASTER

## PROBLEM FREE COILS

The curtainsider semi-trailers with gutter are used to transport steel coils in large volumes and standard types of goods transported by standard semi-trailers. The trailer with gutter is also available in a Mega version.

- + Strong and proven design available on the market for many years
- + Satisfaction confirmed by customers
- + Rich standard equipment
- + Various gutter lengths available
- + Configuration options tailored to individual customer needs



Protected steel coils.



Removable floor segments.



Load-securing rack.



Frame adapted to transport of coils.



A row of large metal coils is shown in a factory setting. The coils are arranged in a line, receding into the distance. The background features industrial equipment, including a yellow overhead crane and various structural elements of the factory. The lighting is dramatic, with strong highlights on the coils and deep shadows in the surrounding environment. The overall tone is industrial and professional.

# **SECURE TRANSPORT OF THE COILS**

# FUNCTIONALITY OF DEDICATED SOLUTIONS

At Wielton, we build a competitive advantage based on personalization and a very individual approach to customers. For this purpose, we constantly implement modern solutions that facilitate loading and transport of the most demanding loads. We also take active steps to fulfill non-standard orders, constantly raising the standard of our products. We are constantly looking for new possibilities for development based on unique technologies.

7

INNOVATIVE SOLUTIONS

20

BY MONTHS OF TESTING

50

A TEAM OF EXPERTS FROM  
4 COUNTRIES

135

PRODUCT IMPROVMENTS

2 000 000 km

OF ROAD TESTS

# TEST RESULTS

Created with safety in mind and fully tested product meets the needs of customers from virtually every market and segment in the world.

The new model of the CURTAIN MASTER semi-trailer has been thoroughly tested in our Research and Development Department in Wieluń. During 24/7 endurance tests lasting 4-5 weeks, the condition of the vehicle was checked after driving half a million kilometres, which is the distance that semi-trailers usually cover in 4-5 years of operation. The results confirmed the unique features of the Curtain Master semi-trailer and allowed us to introduce a number of additional innovative solutions and improvements.



# HIGHER ROOF

## LOAD THE SEMI-TRAILER UP TO THE ROOF

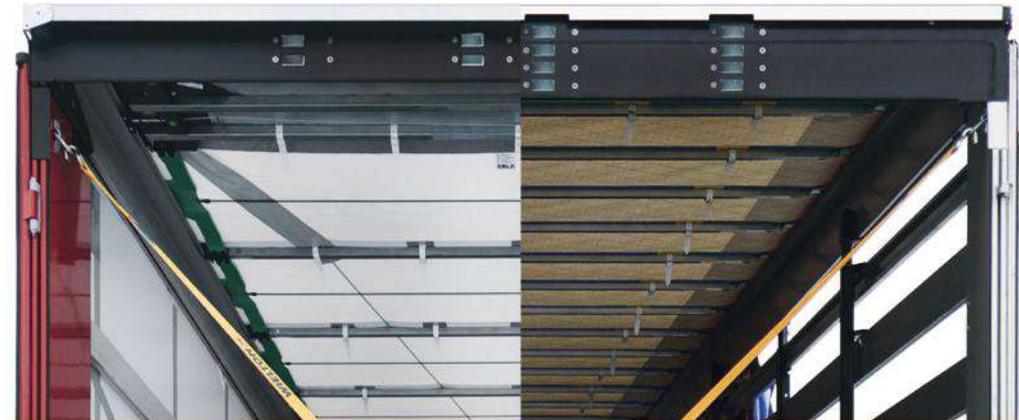
The hydraulically retractable roof allows for faster preparation of the trailer for loading. New steel elements connecting the roof ensure its high endurance. Double-sided opening of the roof increases the universal application of the semi-trailer.

- + Multifunctional and solid roof
- + Roof can be lifted on each stanchion with a very easy hydraulic height adjustment
- + The possibility of operating the sliding roof from the outside of the trailer

## CONFIGURATION: 2 OR 4 LEVELS

Frame that allows you to adjust the internal height at different levels

Levels:  
+50mm  
0



Levels:  
+150mm  
+100mm  
+50mm  
0

Hydraulic roof lifting system.



The roof can be raised on one side.



Height of the roof can be blocked at the desired level.



Movable roof for easy loading.



# SYSTEM BDE (BACK DOOR EXTENSION)

## SAFE TRANSPORT OF HOUSEHOLD APPLIANCES

The BDE system allows you to use the entire cargo space. It also facilitates the loading of goods, mainly household appliances. The extendable rear door increases access to the interior of the trailer, which makes it quick and easy to load goods.

- + strong and proven design available on the market since years
- + Satisfaction confirmed by customers
- + Easier and faster loading of household appliances
- + Configuration option customized to the individual needs of our customers.



Storage case for frame boards.



Open rear door.



View of the open loading door.



Stanchion supports.



# SYSTEM DOUBLE DECK

## TWO LOADING LEVELS

The system helps to maximize the use of cargo space for non-stackable loads. Thanks to 22 load beams, we get 9 tons of load capacity, with the total weight of the equipment at 450 kg. The ease of use allows you to save time to prepare the trailer for a larger load, thanks to which you gain twice as much space for pallets.

- + Second floor level with a maximum load capacity of 9,000 kg, equipped with 22 loading beams
- + 10 tension belts placed at the central posts
- + durable structure allowing for adjustment to the loading needs



Arrangement of posts enabling easy loading.



Possibility to configure the loading height.



Heavy duty second floor deck.



Beam spacing can be adjusted.



# INTERMODALES SYSTEM

## POSSIBILITY OF TRANSPORT BY RAIL AND FERRY

Vehicles dedicated to intermodal transport thanks to a reinforced frame and air suspension, as well as applications and unique solutions such as a folding bumper. The products are equipped with suitable reinforcements in the chassis to enable vertical loading, i.e. detachable suspension, 4 brackets positioned in accordance with the UIC 596-5 standard and a reinforced connection plate protected by additional rubber buffers.

- + Strong and proven construction
- + markings of the places of support of the trailer on the ferry
- + ILU-Code identifier on the roof of the tarpaulin

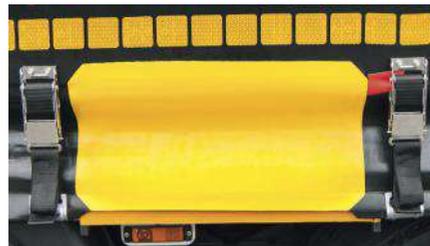
RAIL CERTIFICATE ACCORDING TO UIC CODE, FOR POCKET WAGONS:  
**EFGI**



Ferry shackle (4 shackles on each side).



Marking of the places of securing the semi-trailer.



Railway codification table.



Loading of a semi-trailer onto a railway car.



# SYSTEM OPTI FLOW AERODYNAMIC SYSTEM

An aerodynamic system ensures lower fuel consumption, thus reducing harmful emissions into the atmosphere and operating costs. The reduction of air resistance was achieved thanks to additional side wings of the chassis and wings mounted on the tail end of the semi-trailer. They guarantee a reduction of fuel consumption by approx. 2l/100 km. The Curtain Master aerodynamic system includes reduced rolling resistance tires.

- + Fuel savings
- + Less tire wear
- + Reduction in exhaust fumes discharge
- + Intuitive operation



Fuel combustion reduction.



Aerodynamic covers in folded position.



Easy access to all elements of the trailer.



Pneumatics panel access window.



# FORKLIFT DOCKING SYSTEM

## TRANSPORT A FORKLIFT WITH A SEMI-TRAILER

The system of docking forklift, developed by Wielton, inside and outside the body, is a unique solution on the market. The advantages of this system are mainly the integrity of the components and the fact that the driver does not have to get out of the forklift truck cab during docking. This is particularly important for improving safety. Moreover, the solution places less stress on the vehicle's hydraulics. It is also compatible with "old type" forklifts that have forks at "0" level.

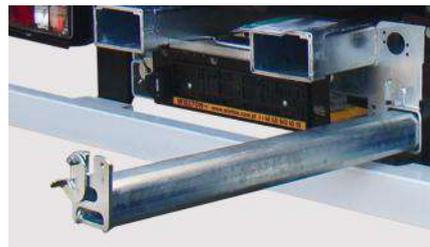
- + Safe transport of the forklift with the semi-trailer
- + Easy and intuitive operation
- + Lighting system integrated with the forklift



Truck docking tunnels in the semi-trailer.



Pull-out support placed under the forklift.



Safety brackets securing the forklift during transport.



Docking system inside the trailer.



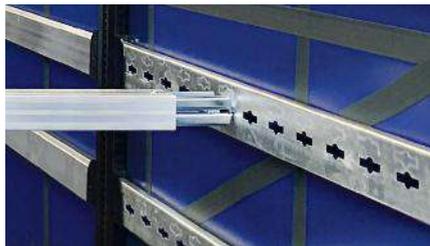
# SAFETY

## OF TRANSPORTED LOADS

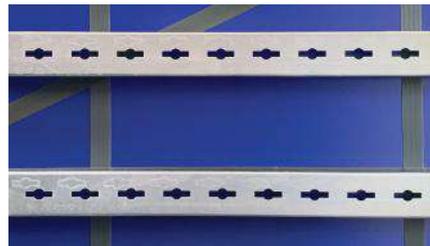
The safety of using products is of key importance to Wielton. For this reason, only proven solutions are used in our trailers to ensure the stable position of the transported load. To this end, we have designed a range of security features and fastenings that guarantee full control and safety of the goods to be transported. Safe cargo means safe transportation.



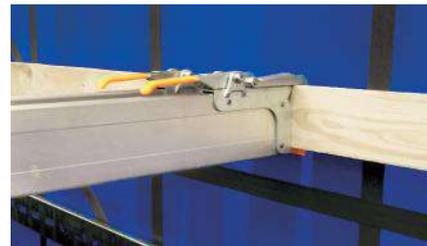
Load-locking spreader beam.



Frame boards with holes for locking bar.



Load-locking spreader beam (Basis).



Steel coils securing posts.



# LOAD AND SEMI-TRAILERS SECURITY

## SHACKLES AND BRACKETS

Ferry shackles located in the front of the trailer.



Rear ferry shackle.



Rear ferry shackle.



Holder in the front and rear posts.



Brackets for securing the load on the stanchions.



Floor mounting bracket (Coil Master).



Floor mounting bracket.



Safety Lock frame system.



# SYSTEM XLS + SYSTEM ALU PLANK

## FASTER TRAILER OPERATION

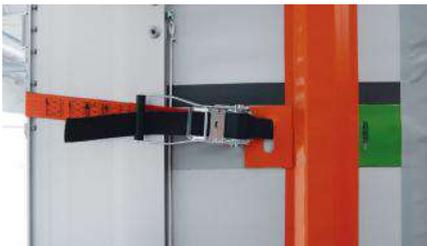
The XLS system was created for the transport of tires by curtain semitrailer equipped with a tarpaulin of the Aluplank type.

The Aluplank tarpaulin is an innovative solution that ensures quick handling of the tarpaulin, retains its full strength and the safety of the transported cargo.

- + Quick handling thanks to integration of rack planks with tarpaulin
- + The curtain sides are equipped with additional vertical straps, which minimize the risk of theft
- + Durable curtain construction



Tarpaulin tension in the XLS system.



Spacers on the side posts in the XLS system.



Aluplank plane with in-built boards.



Aluplank plane with XLS system.



# TRANSPORT SYSTEMS FOR: DRINKS

Configuration of boards meeting the requirements of 2700 DIN EN 12195 standard.



A slate securing the transported beverages.



Configuration of boards meeting the standards.

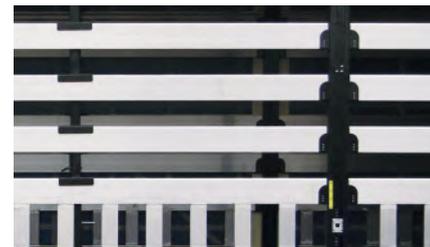


# TIRES

Special configurations of boards in accordance with the XL certificate of DIN EN 12642.



Configuration of the boards for the transport of tires.



XLS system for the transport of tires.



# SYSTEM VERTICAL LOAD

## VERTICAL LOAD SECURING SYSTEM

A system designed to transport loads in a vertical position, such as gates or windows. The arrangement of perforated rails along the entire trailer allows for the positioning of the load and optimal use of the cargo space. If necessary, it is possible to dismantle the roof beams and load the cargo with an overhead crane. Unused posts are stored in the parking rail in front of the front body wall.

- + 11 rows of profiles placed in the floor
- + 11 rows of profiles under the roof crossbeams (removable)
- + 30 load locking poles (profiles with dimensions 50x50)
- + Storage space for max. 36 posts (in front of the front wall)

The solution is available for curtain trailers (not available for trailers with a trough).



Storage space on the front wall.



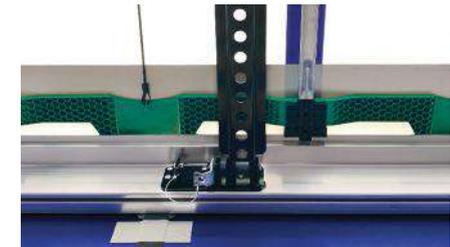
Vertical poles in unfolded position.



30 load-locking posts.



Profile under the roof crossbeam.



# ACCESSORIES

## REFIT YOUR SEMI-TRAILER

Telematics systems.



Pallet box.



Fire extinguisher on the front wall.



Anti-theft bar securing the bolts.



System Saf Tire Pilot.



Customs plane.



Secura plane.



Reversing sensor in the rear buffer.



Rear-view camera.



# DROPSIDE MASTER

## PARTNER IN CONSTRUCTION

The Dropside Master construction semi-trailer is a reliable and durable partner in the transport of cargo. Dropside is characterized by its reliable and proven design.

- + Durable, proven design
- + Three curtain heights available strengthened structure as option
- + Configurable for HDS trailers



Large loading area.



Side curtains and stanchion locks.



Load securing brackets.



Side curtains made of aluminum.



# PLATFORM MASTER

## TRANSPORT WHAT YOU WANT

The Platform Master universal trailer is a reliable and a durable partner for the transport of various materials. Platform Master is characterized by a reliable and proven design.

- + Durable, proven design
- + For universal applications
- + Light-weight
- + Tailored to customer needs



Load retaining brackets in the frame.



Additional load securing brackets.



Cargo securing brackets.



Ferry shackles.



# WIELTON SERVICE

## SERVICE 24/7

Wielton trucks are safe and reliable. However, like any advanced technological device, they require professional service and maintenance. We provide our clients with professional technical support, and we also offer a wide range of maintenance services related to the operation of vehicles and their repairs, both in Poland and abroad. We boast specialized technical facilities and professionalism of the staff.

Maintenance services include: ongoing mechanical repairs, painting, tinsmithing, tarpaulin repairs, rebuilding and retrofitting, suspension and brake repairs, replacement of parts, wheel geometry, frame measurements, repairs of electrical, pneumatic and hydraulic systems, as well as periodic technical tests and inspections.

Repairs in the factory workshop guarantee the same quality as new products.



### Customer services:

- + Mobile maintenance service - service car
- + Fast and professional factory service
- + Service training courses
- + A network of authorized and partner service points in Poland and abroad

With the Wielton Assistance service we offer warranty repairs on the road.





# WIELTON FINANCE

## FLEXIBLE FORMS OF PURCHASE

We meet the needs of transport companies, providing our clients with business solutions tailored to their expectations and capabilities. At Wielton Finance, you can purchase both new and used trailers. Financing of your investment will be as convenient as possible.

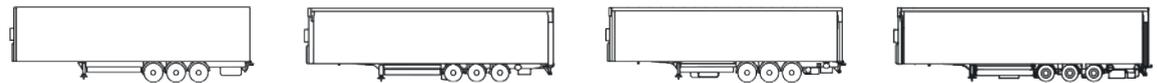
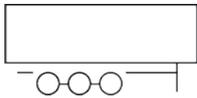
Our offer includes the following options and possibilities of financing investments:

- + Operational Lease
- + Medium and long-term rental
- + Financial lease
- + Purchase on credit
- + Repurchase of used vehicles

We provide assistance and expert advice in negotiating leasing and credit terms and conditions, insurance coverage and general conditions, even after financing has been obtained.



## THE CURTAIN MASTER SEMITRAILER FAMILY



CHARACTERISTIC FEATURES	NAME	CURTAIN MASTER	CURTAIN MASTER MEGA	COIL CURTAIN MASTER	COIL MEGA MASTER
Semi-trailer with sides and half-doors dedicated to transporting construction materials (without a roof)	DROPSIDE	•	•		
Curtainsider	SIDE	•	•	•	
A semi-trailer without frame structure elements	PLATFORM	•	•	•	
Possibility of installing second floor level	DOUBLE DECK	•	•	•	•
Possibility of obtaining a TIR certificate and adapt the vehicle to customs needs	TIR	•	•		
Possibility of adapting to transport by rail	INTERMODAL	•	•	•	
Option of transforming the semi-trailer and changing the height (it is possible to change the MEGA model by changing the height of its suspension and adjusting the roof)	MULTIHEIGHT		•		•
Configuration dedicated to the transport of beverages	BEVERAGE	•	•	•	•
Configuration dedicated to the transport of tires	TIRE	•	•	•	•
Configuration dedicated to the transport of household	BDE	•	•	•	•
Configuration dedicated to the transport of gitterbox containers	AUTOMOTIVE	•	•	•	•
Reduced weight of the trailer	LIGHT	•		•	

# WIELTON OFFER

## PRODUCT GROUPS



Our offer currently includes 10 product groups available in over 800 configurations.

A wide technological base allows us to create products dedicated to virtually any type of activities. With us, everyone will find a transport solution perfectly suited to their needs:



- + UNIVERSAL SEMI-TRAILERS
- + SEMI-TRAILERS
- + TRAILERS TIPPERS
- + TIPPER BODIES
- + HIGH VOLUME COMBINATIONS
- + TRAILERS
- + CONTAINER SEMITRAILERS
- + LOW LOADER TRAILERS
- + AGRO
- + OTHERS



All products from the Wielton Group's offer can be found on our website

[www.wielton.com.pl/en](http://www.wielton.com.pl/en)

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