

# 20

**WIELTON**   
20 YEARS OF  
INNOVATION

EN

## CURTAIN SEMITRAILER



## Modern design

Light weight

Optimum tightness

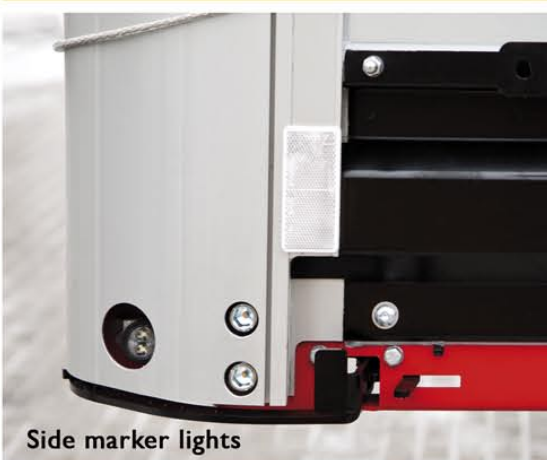
## High durability

Functionality





Extinguisher boxes  
Customs secure rope holder



Side marker lights



Toolbox



Side guard

The Curtain Semitrailer Has been designed to meet the most demanding requirements. Its main advantages are reduced weight, higher durability and tightness. Product based on the latest solutions for transport.

## TECHNIQUE:

Construction calculated and optimized in MES method with NASTRAN software. Specific elements designed and implemented in agreement with the leading industry suppliers.

## LIGHT WEIGHT:

Frame made of S700 steel. Rolled and laser welded side flange. Semitrailer's weight 6020kg (without spare wheel).

## HIGHT DURABILITY:

The use of light and resistance composite materials. Increased acceptable technical pressure on the floor - 7200kg per forklift truck axle. Floor thickness 30mm.



# THE BEST QUALITY ON THE MARKET!

## CURTAIN SEMITRAILER



## HINGES:



Bearing hinges with plastic slide bushes

## ROLL-STOP:



Roll stop buffers providing protection while docking a trailer

## LADDER:



Self-locking ladder mounting (on side)

## LADDER:



Folding, self-blocking rear ladder

## TIGHTNESS:

### Improved tightness

of new curtain semitrailer

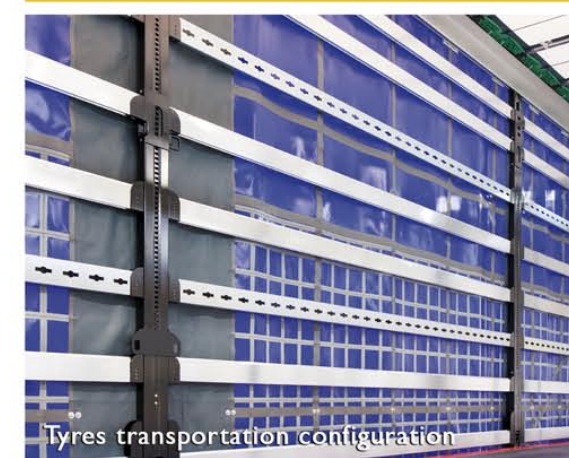
Areas of improved tightness.  
Seals.  
Aluminum roof above the door.  
Tightened curtain.  
Tightened side flanges.  
Tightened floor.



Rear tarpaulin tensioner



Front tarpaulin tensioner



Tyres transportation configuration

Aluminum planks set of 4 x 100mm



Floor profile 1 x 150mm

VDI

Front wall 13 500kg

Side walls 10 800kg

Side walls 10 800kg

Door 8 100kg

Maximum pressure on loading retention.



Roof sliding stick mounted on the inner side of the door.  
Strengthened, light weight door.



New construction of mudguards.  
Splash guards.  
Full mudguards available.



Ladder fixed to rear door (optional)

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Area A i D:  
Special construction of support responsible for enhancement of front, side and rear flange.

Area B:  
Special construction of chassis frame beam, in the front of the semitrailer, made as a closed profile that gives optimum strength and optimal stress distribution.

Area C:  
Special construction of cross-bars responsible for endurance of the semitrailer's frame and floor plate.

Bulkhead roof cover reinforced cord



Roof moved backwards



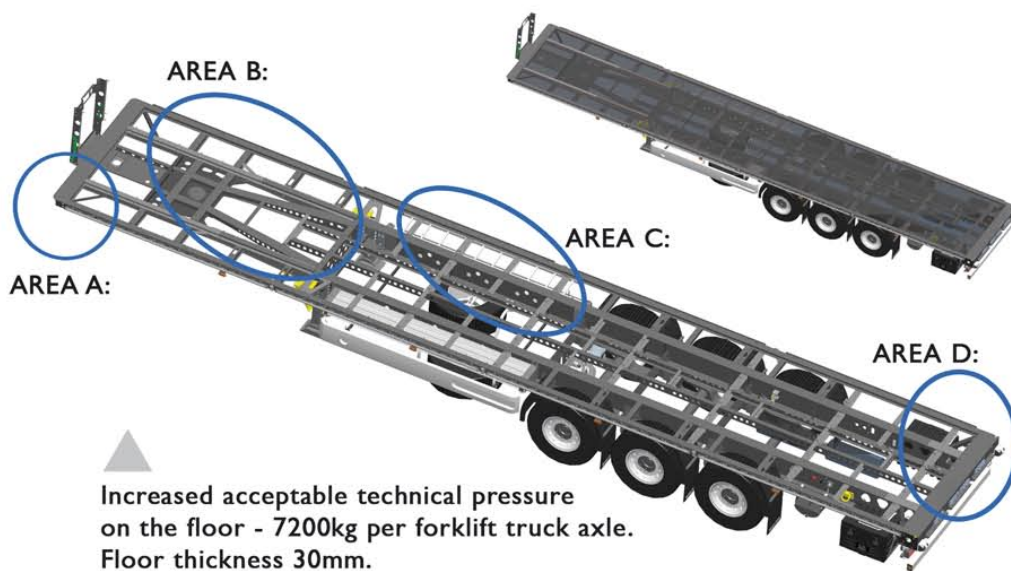
The roof pulled backwards



#### SPECIAL CONSTRUCTION OF FRONT WALL MADE OF:

- aluminum corner posts
- strong closed bottom steel profile fixed to front side border with corrosion protected coat KTL + coating powder lacquer
- special construction front wall board plate – plywood + laminate
- steel profile on the top to enhance the wall

## FLOOR ENHANCEMENT



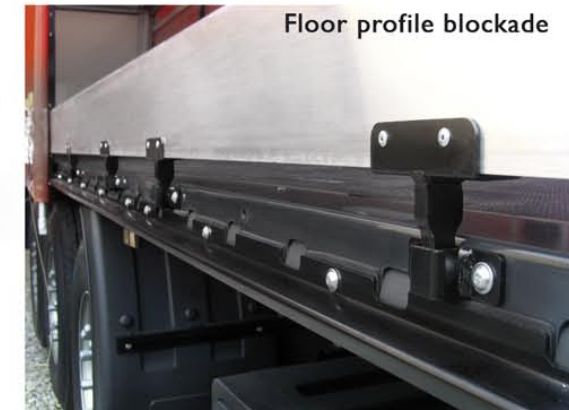
Increased acceptable technical pressure on the floor - 7200kg per forklift truck axle. Floor thickness 30mm.

Simple and functional roof detaching allowing pulling the roof front to back.



The use of light weight composite materials. Rubber protectors for locks on the rear side. More ergonomic location of locks.

Floor profile blockade



Safety Lock



Ferry lashings



Cargo fastening system

Self-locking, folding side protection. Rack boards can be put down on side protection.

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# HOUSEHOLD GOODS TRANSPORTATION SYSTEM

UNFOLDING PORTAL FOR HOUSEHOLD GOODS TRANSPORTATION

Curtain semitrailer with open portal  
allowing to use the whole inner width  
during loading.

Now you can load  
**faster**  
than ever before

Side posts  
moveable  
with no  
curtain  
sliding  
needed.

Maximum loading width - 3050mm between back posts  
with unfolded portal.

# STEEL COILS TRANSPORT SYSTEM

CURTAIN SEMITRAILER FOR STEEL COILS AND SHEET METAL



# BEVERAGE TRANSPORT SYSTEM

SIDE PLANKS COMBINATION WITH VDI 2700 DIN EN 12195 COMPLIANCE



# TIRES TRANSPORT SYSTEM

SPECIALIZED OPTIONS FOR SIDE  
PLANKS COMBINATION WITH XL CERTIFICATE (NORM EN 12642)



Additional sliding side stakes

Tarpaulin with  
additional  
reinforcement

Depo storage box for unused side boards



# HYDRAULIC LIFTED ROOF

VERSIONS: 2, 4 LEVELS



Hydraulic roof mechanism.



Mechanism locking middle post when the roof is on required level.

Construction giving possibility to set up inner height on four different levels.



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

\* details available from business partners

# CURTAIN WITH DROPSIDES

TILT CLOSING WITH EYELETS AND CUSTOMS SECURE ROPE



# CURTAIN SEMITRAILER

WITH TIR CERTIFICATE





**CURTAIN SEMITRAILER**  
WITH SECOND FLOOR LOADING

Certificated  
construction



**INTERMODAL TRANSPORTATION CURTAIN SEMITRAILER**  
ADAPTED FOR RAILWAY WAGONS



4 grab points (2 on each side)



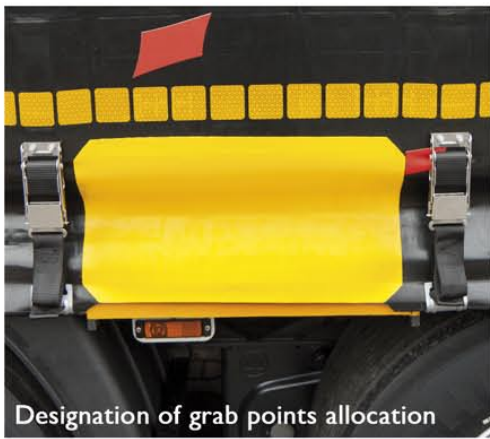
Rear grab points



Front grab points



Designation of approval for wagon types



Designation of grab points allocation



Support point while on ferryboat



10 fastening straps located in proximity to central poles and front wall



Second level flooring with maximum load bearing of 900kg fitted with 22 loading beams



Perforated side beams allow for flexible location of supports for different loads



ILU codification on roof tilt and side tilts  
ILU code – owner codification of loading units



24 double lock buckles on each side



Ferry lashings (4 on each side)



Distribution of central stakes facilities loading



Construction of central stakes allows for loading of goods at various heights



Load securing beams located at the front and rear of trailer



Curtain semitrailer MEGA NS3K M2 HUCKEPACK on railway wagon



INTERMODAL TRANSPORTATION CURTAIN SEMITRAILER  
ADAPTED FOR RAILWAY WAGONS



RAILWAY  
CURTAIN  
SEMITRAILER

APPROVED  
FOR WAGON TYPES:  
E, F, G, I  
ACCORDING  
TO UIC CODE

ADAPTED  
FOR  
RAILWAY WAGONS



Rubber bumping blocks  
protecting front wall  
connecting panel



Separable pneumatic suspension  
adapted for vertical interloading



Raised rear bumper



Dropped rear bumper



Wielton patented  
special construction roll-stop's



Rubber bumping blocks  
on rear end skirt protecting door locks



watch the movie on website:

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



or scan QR  
and watch on Your smartphone directly

\* details available from business partners





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