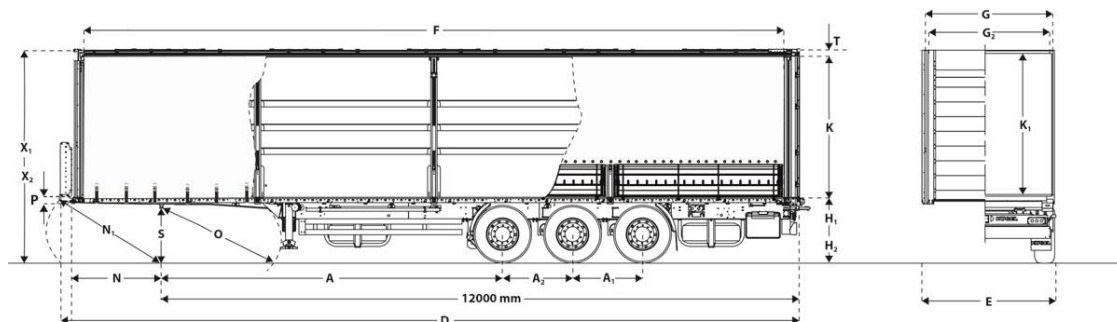


Main parameters of Curtainside car

16500-2550 three-axle air suspension semi-trailer (sliding roof, side panels , rear doors).



| | |
|--|---------------------------------------|
| Allowable load of saddle | 12.000 kg |
| Technically designed saddle load | 12.000 kg |
| Permissible loads on axle systems | 24,000 kg (8,000 kg per axle) |
| Technically designed loads for the axle system | 27.000 kg (9.000 kg per axle) |
| Theoretically permissible total vehicle weight | 35.000 kg |
| Technically designed total weight | 39.000 kg |
| Empty weight in basic configuration | 8.40 0 kg |
| Design payload | 30.600 kg |
| Pin axis distance (A) | 7.98 0 mm |
| Axle center distance (A1) | 1.310 mm |
| Axle center distance (A2) | 1.310 mm |
| Total length (D) | 16.530 mm |
| Overall height in horizontal transport position, empty (X1) | H1 + K + T +/- Ride height adjustment |
| Overall height in loaded state in horizontal transport position (X2) | H2 + K + T +/- Ride height adjustment |
| Internal length of the vehicle body (F) | 1 6.400 mm |
| Total width (E) | 2.550 mm |
| Body width (inside) (G) | 2.480 mm (2.460 mm) |
| Empty loading height above center axle (H1) | 1.2 8 0 mm 1.250 mm |
| Cargo loading height above center axle (H2) | 1.2 8 0 mm 1.250 mm |
| Inner height (K 1) | 2.6 60 mm |
| Side opening height (K) | 2.540mm |
| Front turning radius (N1) | 2. 165 mm |
| Rear swing clearance (O) | 2.300 mm |
| Saddle height | 11 50±30 mm |
| Suspension height | 350mm |
| Tire size | 385/65 R 22.5 |
| Steel rims | 22.5 x 11.75 |

| Serial number | Additional Equipment |
|---------------|---|
| 1 | frame: |
| 1.1 | Steel ladder structure consisting of several cross beams welded to the main beam , 2- inch traction pin |
| 2 | Axial unit: |
| 2.1 | Yahua 3-10-350 three-axle air suspension and axle, three-axle axial unit, disc brake, diameter 430 mm, wheelbase 205 0 mm. Installation height 350 air suspension, height adjustment range -70mm to 100mm |
| 3 | Tire: |
| 3.1 | 6 wheels 385/65R22.5 with E-MARK certification |
| 3.2 | Steel rims (0 offset) for axles with disc brakes, for 6 R 22.5 tyres, fastened with standard bolts and nuts, hole diameter 26 mm |
| 4 | Spare tire: |
| 4.1 | 1 spare tire 385/6 5 R22.5 |
| 4.2 | 1 spare tire with steel rim , 0 mm offset disc brake shaft, R22.5 tire |

Main parameters of Curtainside car

| | |
|-------------|--|
| 5 | Body and chassis: |
| 5.1 | SAF mechanical lifting legs , allowable load 30 tons, right side control |
| 5.2 | 2 pairs of aluminum alloy fenders rear fender |
| 5.3 | 2 car blockers with brackets |
| 5.4 | Aluminum alloy side protection |
| 5.5 | 2 spare tire fixing brackets, designed as "basket type", located on the left and right sides of the rear of the axle group , equipped with anti-theft locks |
| 5.6 | Tool box made of aluminum alloy , size 12 00 (customizable length) x 50 0 x 450 mm, one on each side |
| 5.7 | Steel rear guard |
| 5.8 | Right telescopic ladder (co-pilot side) |
| 6 | Braking system/air suspension: |
| 6.1 | EBS 2S/2M brake system (WABCO) with stabilisation system (with ABS/ALB function), EBS ISO 7638 plug connection (without connecting lines), spring-loaded parking brake, connection for external pneumatic test and external connection for electronic brake system diagnostics via ISO 7638 plug connection. |
| 6.2 | The air suspension includes 1 lifting valve and 1 height adjustment valve, which are installed behind the bridge on the left side of the driving direction. |
| 6.3 | 2 non-interchangeable pneumatic connectors on the front, compliant with ISO 1728 |
| 6.4 | Braking system Air brake receiver and pipes made of steel |
| 7 | Bottom Plate : |
| 7.1 | The floor consists of multiple layers of plywood laid between the beams and the outer frame. 28mm thick. The loader allows an axle weight of 7200kg. Or optional steel checkered plate |
| 7.2 | The seams in the floor are sealed |
| 8 | Side guard : |
| 8.1 | 5 rows of aluminum alloy baffles , each row is about 100 mm high |
| 9 | Front wall: |
| 9.1 | 2.675 mm high and is bolted/riveted to the frame. |
| 10 | Back wall: |
| 10.1 | The two rear doors are approx. 2.550 mm high with integrated locks and steel corner posts. The door leaves open completely, rotate 270 degrees and are locked. |
| 11 | SIDEWALL: |
| 11.1 | 4 pairs of folding struts, including tubular struts inserted longitudinally under the slats |
| 11.2 | Steel frame with 4 pairs of load fixing rings, welded rings, each ring has an allowable load of 2000 kg, 4 pairs of "folding support brackets |
| 12 | side: |
| 12.1 | |
| 12.2 | |
| 13 | roof: |
| 13.1 | Slide the top forward, total height approx. 80 mm |
| 13.2 | The sliding roof control bar (the bar with the hook) is hard mounted to the chassis from the side. |
| 14 | bumper: |
| 14.1 | 100 x 100 x 4 mm bumper is mounted on the outside of the frame to the rear cross member. |
| 15 | Awning: |
| 15.1 | TIR single-piece awning, tarpaulin mass approx. 680 g/m ² , with eyelets for locking the tarpaulin to the platform with threaded fixing ropes. |
| 15.2 | Closing the awning with vertical plug-in straps |
| 16 | Electrical Equipment: |
| 16.1 | bracket for fixing lamps |
| 16.2 | License plate lights, LED side width lights |
| 16.3 | 2 width lights, the combination taillights are fixed on the outside |
| 16.4 | 2 combination tail lights |
| 16.5 | Adapter for 2 x 7-pole sockets (1 x ISO 1185/1 x ISO 3731; 24 VN/24 VS) and 1 x 15-pole ISO 12098 |
| 17 | Nameplate: |
| 17.1 | TIR waterproof board |
| 17.2 | Orange reflective self-adhesive panels at the rear, left and right for rear protection. |
| 17.3 | Reflective stickers and manufacturer nameplates comply with factory standards |
| 18 | other options: |

Main parameters of Curtainside car

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|-------------------|--|
| 18.1 | Spindle wrench |
| 19 | color: |
| 19.1 | The frame, chassis and body parts are treated with pickling and phosphating process for corrosion protection |
| 19.2 | Light stand: White |
| 19.3 | Rear protection: white |
| 19.4 | Legs : RAL 9005 painted black |
| 19.5 | Side protection: Aluminum alloy metal color |
| 19.6 | Axle: Black |
| 19.7 | Brake disc : black |
| 19.8 | Wheels: Black |
| 19.9 | Awning color: white |
| 19.10 | The surface coating will be painted in standard black " customer specified logo " and gloss coating. |
| 19.11 | All metal parts of the body will be painted or sprayed RAL 90 16 white . |
| 20 | mark: |
| 20.1 | There are no inscriptions on the awning or body |
| twenty one | other request: |
| 21.1 | Optional container locks (20 feet, 40 feet) can be installed to increase the weight. When the container needs to be transported, the tarpaulin and rails need to be removed. If you do not want to remove them, you need to increase the vehicle's outer width and height. |
| 21.2 | Optional plug-in library (installed according to customer needs) adds extra weight |
| 21.2 | Optional hidden rope hooks can be installed when paving steel base plates to provide additional weight |
| 21.3 | Vehicle length can be customized according to customer needs |
| 21.4 | Other requirements can be negotiated, such as: steel coil drawing, layering (second layer), special cargo fixing equipment, etc. |
| twenty two | Standard configuration: |
| 22.1 | Ladder, door stopper, anti-collision block, cage spare tire rack, folding side protection, car stopper, etc. |