



5G TRAILER

Smart Mobile Labs AG

5G Network

Kritis Compliance:

Full compliant EU certification from EU based 5G SA equipment provider

5G Radio:

5G Micro Cells (4x4 MIMO, max 10W per antenna), Reach > 3 km, 12 kg/ Radio, incl. mounting brackets, 10 Gbps fiber interface, 220 VAC power.

Rack:

Mounted in trailer 6 – 22 units rack

Application Server:

Included in rack, prepared for Virtual machine

Power:

Fuel Cell, Diesel/Gas generator, Solar cell power options

Lightning Protection:

Indoor/Outdoor earthing cabling concept, Earth spike, Telecoms certified



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Trailer Specifications

Dimension:

Approx. 2520 x 1610 x 1600 mm

Total weight:

1300 kg

Type of construction:

Sandwich single-axle box trailer in low loader design

Tires:

165 R13C

Axle:

Continuous maintenance-free commercial axle with reinforced long supports, hot-dip galvanized

Suspension:

Independent wheel suspension with large spring travel, high self-damping and soft suspension. This ensures maximum driving comfort and optimum driving safety even under extreme loads.

Wheel:

Bearing maintenance-free, water-protected double-row high-performance compact bearings

Brake:

- 2-wheel overrun brake with fully automatic reverse and parking brake, corrosion-resistant, asbestos-free linings, inner wheel brake parts electrogalvanized
- 2-wheelchocks with holder

Mudguards:

Plastic mudguards, impact and breakage resistant

Drawbar:

V-drawbar design, bolted and hot-dip galvanized

Support:

Stable compact support wheel, height adjustable

Coupling:

Automatic coupling with safety and wear indicator

Floor:

Special sieve pressure floor for point loads with anti-slip overlay- weatherproof (cut edges sealed)

Lighting system:

- Lighting according to StVZO. 12 volt, 13-pin lighting plug with reversing light, large
- 4-chamber lights with taillight, brake light and turn signal, rear fog light with integrated triangular reflector and license plate light, left and right yellow side lights.

Accessories:

- Rear promotion flap with gas pressure lifter
- 4x rotating crank supports mounted
- 4x lashing recesses with folding ring mounted
- 100 Km/h preparation for single axle
- Wall power supply 230V mounted
- 2x ventilation mushrooms mounted on roof
- Aluminum checker plate strips mounted on roof

Chassis:

V-comfort chassis

Mast:

incl. hand crank, foldable, mast length extended: 8,0 m, mast length retracted: 2,30 m
cross section basic stage: 120 x 120 mm, crank height: 600 mm

Number of mast steps: 4

Weight of the mast: approx. 31 kg, Maximum head load: 25 kg

Painting of basic stage: RAL 9005, black matt

Permissible wind speed: 99 km/h

Total height: 1m tiller + 8m mast + 0,5m mast top = 9,5m total height

Box-body:

- body stable sandwich box body with foamed polyurethane core 50 mm (insulated) top layers made of hot-dip galvanized sheet steel and additionally powder-coated.
- stable torsion-resistant rear portal frame
- 1 row of lashing rail in 450 mm height in the middle of the rail
- 1 row of lashing rail in 900 mm height in the middle of the rail

Color:

outside silver 9006 / inside grey/white 9002