

Technical description

3 axle semitrailer in pass over construction, type SATü 40/50, suitable for a three-axle semitrailer tractor with a fifth wheel load of approx. 25.0 tons and a fifth wheel height of approx. 1,550 mm loaded

Speed: 60 km/h

Weights:

Perm. semitrailer total weight	65,500 kg
Perm. fifth wheel load approx.	25,000 kg
Perm. axle load 3 x 13,500	40,500 kg
Tare weight approx.	16,000 kg
Payload when loaded irregularly approx.	49,500 kg

Dimensions:

Loading length incl. 1,000 mm beaver tail	10,000 mm
Loading length platform	3,500 mm
Loading width	3,000 mm
Loading height (loaded) approx.	1,300 mm

Tyres: 14 pcs. of size 12.00 R 20 (off-road tyre) on Trilex rims of size 8.5-20.
Max. carrying capacity with 40 km/h 15,000 kg per axle!

Axles assembly: Three-axle assembly with axle load compensation. Axle distance 2 x 1,400 mm, unsteered. Perm. axle load 3 x 13,500 kg, total 40,500 kg.

Suspension: Parabolic springs.

Chassis frame: In welded construction by using first class sectional steel. Connections between longitudinal members and cross members with reinforcements and cleanly arc-welded.

Brake system: Two-line air pressure brake and mechanical parking brake according to international regulations.

Kingpin: Fifth wheel pick-up plate with 3 1/2" kingpin, brand Jost.

Body: Floor in the loading bed of 8 mm thick plates. Beaver tail of 8 mm steel plates with climbing ribs. Goose neck without cover. At the outer frame 4 lashing rings on each side as well as 1 pair of lashing rings at the goose neck.

Support: Mechanical telescopic-support winches with disk supports, one-side control and safety crank for uncoupling the empty semitrailer, Jost, type HD 200 T (rigid execution).

Loading ramps: 2 loading ramps, width 1.000 mm, length 2,900 + 1.800 mm, automatically spreading and shiftable to the side. Floor of steel plates with climbing ribs. Hydraulic ramp lift device. 2 collapsible supports at the rear.
Note: The tractor must have a corresponding hydraulic equipment.

Electrical system: 24 volts system acc. to international regulations with shock-protected three-chamber tail lights.

Paintwork: Sandblasting, priming and two-colour Acryl-painting in RAL-colours acc. to the customer's request.

Accessories:

- 2 chocks with brackets
- 1 set of wheel and axle tools
- 2 spare wheel holders in basket execution under the chassis frame
- 1 tool box with lockable cover in the front offset
- Documentation in English language