

Technical description

2 axle low bed semitrailer in pass over construction, type SATü 22/31, suitable for a three-axle semitrailer tractor with a fifth wheel load of approx. 18,500 kg and a laden fifth wheel height of approx. 1.500 mm.

Speed: 70 km/h

Weights:	Perm. semitrailer total weight	40,500 kg
	Axle load 2 x 11,000 kg	22,000 kg
	Perm. fifth wheel load	18,500 kg
	Tare weight approx.	9,500 kg
	Payload by irregular load distribution approx.	31,000 kg

Dimensions:	Loading length incl. 1,000 mm beaver tail	8,000 mm
	Loading length platform	3,400 mm
	Loading width	3,020 mm
	Loading height (loaded) approx.	950 mm

Tyres: 10 pcs. of size 235/75 R 17.5 - brand Michelin -, on steel disc wheels.

Axles assembly: Two-axle assembly with axle load compensation. Axle distance 1,400 mm, not steered. Perm. axle load 2 x 11,000 kg, total 22,000 kg with 70 km/h. Axle load 2 x 10,300 kg, total 20,600 kg with 80 km/h.

Suspension: Parabolic springs type LK.

Chassis frame: In welded construction by using first class profile steel. Connections between longitudinal members and cross members with gusset plate 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 2" kingpin, brand Jost.

Body: Floor in the loading bed made of corrugated sheet steel, 8 mm thick. Beaver tail of 8 mm steel plates with climbing ribs. Goose neck cover made of 5 mm corrugated sheet steel. At the outer frame 4 lashing rings on each side as well as 1 pair of lashing rings at the goose neck.
Goose neck in platform execution (with straight loading surface) with dimensions:
loading length 3,400 mm
loading width 3,000 mm

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

Loading ramps: 2 loading ramps with servo ramp lifting device, width 700 mm, length 2,000 mm + 1,000 mm folding part. Floor of steel plates with climbing ribs. 2 foldable supports in the rear. Ramps in shiftable execution, to be moved up to 1.000 mm between the ramps.

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

Paintwork: Sandblasting, priming and Acryl-painting in RAL 1003, signal yellow

Accessories:

- 2 chocks with brackets
- 1 set of wheel and axle tools
- 2 spare wheel carriers in basket execution under the chassis frame
- Documentation in English language