

Technical description

2 axle low bed semitrailer, type SAT-EX 40/46, suitable for a three axle tractor with a fifth wheel load of approx. 25t and a laden fifth wheel height of approx. 1.650 mm

Speed: 80 km/h

Weights:

perm. semitrailer total weight	65.000 kg
perm. fifth wheel load approx.	25.000 kg
perm. semitrailer axle load	40.000 kg
tare weight approx.	19.500 kg
payload by irregular load distribution approx.	45.500 kg

Dimensions:

total length approx.	738 " / 18.732 mm
Loading length incl. beaver tail	573 " / 14.550 mm
Loading width	10' / 3.050 mm
Loading height laden approx.	57' / 1.436 mm

Tyres: 10 pcs. of size 14.00 R 20, brand Michelin, type XZL TL 164 G, mid centred 10 hole steel discs of size 10.00 W – 20.

Axle assembly: 2 axle complete assembly, brand BPW, tapered roller bearings with asbestos-free brake linings, brake drum cover sheets and mechanical axle assembly. Techn. Axle load at 80 km/h 2 x 20.000 kg = 40.000 kg.

Techn. axle load at 30 km/h 2 x 24.000 kg = 48.000 kg.

Note:

Assembly load will be reduced by the tyre load capacity as mentioned above.

Suspension: Leaf suspension with bronze bearing

Chassis frame: In welded construction by using high quality steel. Connection between outer longitudinal members and cross members with gusset plate reinforced and cleanly arc-welded. King pin taking for easy changing. King pin adapting pocket is executed with mechanical position securing. Round stake pockets at the inner side as well as at the outer side of the longitudinal members. Lashing pockets for chains only at the outer side. One-part roller supporting pipe, Ø 10" (254 mm) at the rear of the vehicle with 2 pairs support rolls integrated in the collapsible loading ramp, length 33' / 829 mm. One center roll in the middle of loading platform. Diameter 7", in rotating execution, lift- and lowerable via mechanic system and cylinders approx. ¾" over loading platform with 2 pairs of support rollers. And one roll at the goose neck corner. Diameter 7", in rotating execution with 2 pairs of roller supports located between the outer long member. Goose neck designed with loading platform.

Brake system: Two line air pressure brake and mechanic parking brake according to international regulations. Without ABS system. Brake lines in shock protected execution.

King pin: Fifth wheel plate incl. 2 " and 3 ½" king pin, interchangeable.

Body: Floor of the loading bed as well as the goose neck made of chequered steel, 8 mm basic thickness. In the loading bed 4 pairs container locking suitable for 40' or 2 x 20' ISO containers.

Support: Swingable supporting legs for unhitching of the empty low bed semitrailer.

Electric system: 12 volt system acc. to international regulations with shock protected three chamber tail lights. Rear lights with protecting grill. 7 pole socket.

Painting: sandblasting, priming and two colour acryl painting in RAL colours acc. To customer's wish.

Accessories:

- 2 shocks with brackets
- 1 set tools for wheel and axle
- 2 spare wheel carrier in basket execution under the chassis frame incl. spare wheels
- operating and maintenance instruction in English language
- spare part list in English language