

Technical description

Semitrailer in plateau execution, **type SAP 48/60 – 12,2 3E**, also suitable for the transport of 2 x 20" and 1 x 40" containers, suitable for a three axle tractor with a fifth wheel load of approx. 25 t and a laden fifth wheel height of approx. 1.565 mm.

Weights:	perm. semitrailer total weight	73.000 kg
	perm. fifth wheel load	25.000 kg
	perm. semitrailer axle load 3 x 16.000 kg	48.000 kg
	tare weight approx.	13.000 kg
	payload by irregular load distribution	60.000 kg
Dimensions:	loading length, inner side approx.	12.200 mm
	loading width / outer width approx.	2.800 mm
	front wall height	1.800 mm
	loading height laden by 1.565 mm laden fifth wheel height approx.	1.830 mm
Tyres:	14 pcs. of size 14.00 R 20 – 22 PR – brand Michelin– with off-road profile with hose and band – on steel disc wheel of size 10.00 R 20. Tyre capacity 3 x 16.000 kg at 80 km/h.	
Axles assembly:	3 tapered roller bearing axles, brand BPW with a technical permissible axle load of 16.000 kg, track 1.820 mm, spring centre 900 mm, brake 420 x200 and automatic slack adjuster.	
Suspension:	Leaf suspension. Mechanic three axle connecting assembly BPW with an axle distance of 2 x 1.410 mm with bronze bearing.	
Chassis frame:	In welded construction by using first class sectional steel. Connections between longitudinal members and cross members with reinforcements and cleanly arc-welded according to ISO 58.17 and the European standard EN 25.817-Group C. 4 stabile cross members with each 2 lower-able container locks for the transport of one 40" resp. 2 x 20" containers. Container locks put flush in the floor. Fifth wheel plate with a king pin position and 3 ½ king pin. King pin dismantle-able. Spare wheel carriers in basket execution have to be connected with the chassis frame via screw connections. Also the brackets for the chocks, the tool box, the fuel reservoirs and the water reservoirs.	
Brake system:	Automatic load depending two-line air pressure brake according to European regulation 71/320 incl. mechanic parking brake according to international regulations. Without ABS system.	
Body:	Floor made complete of steel grooved sheet with a thickness of 5 mm (5 to 8 mm), with inferior rectangle tube, reinforced and firmly welded. Front wall made of profile steel sheet, 2,5 mm thick. Front wall screwed on and dismantle-able. Tarpaulin basket at the front wall. Outer frame with 10 pcs. floor rings each side with a max. load capacity of 5t each.	
Support:	Mechanic telescopic support with disc support and safety crank for unhitching of the empty semitrailer, with a max. support load of 60 t and one side control.	
Electric system:	24 volts system with a 7-pole socket according to EC regulations with shock-protected three-chamber tail lights, position lamps. Without lateral indicators.	
Painting:	Sandblasting, priming and one-colour high solid acrylic finish in RAL colour according to the customer's requests. Rims in silver.	

Underride protection: Rigid underride protection made of steel with integrated rear lamps and registration plate lamp, system Aspöck. End caps made of plastic.

Mudguards: Spray protection made of straight steel sheet with mud protectors at the front / rear.

Accessories:

- 2 spare wheel carriers in basket execution, spare wheel has to be screwed with a tommy screw, secured with a hanger and locked with a padlock
- 2 chocks with brackets
- 1 tool box made of steel sheet, lock-able
- 1 carrier for fuel reservoir with 2 pcs. fuel reservoirs
- 1 carrier for water reservoir with 2 pcs. water reservoirs
- padlocks with identical keys for tool box, fuel and water reservoir and securing of spare wheel
- 10 clamping belts with ratchet hook 50 kN in single traction, length: 8m
- 1 tin (1/4 litres) repair colour
- axle tool