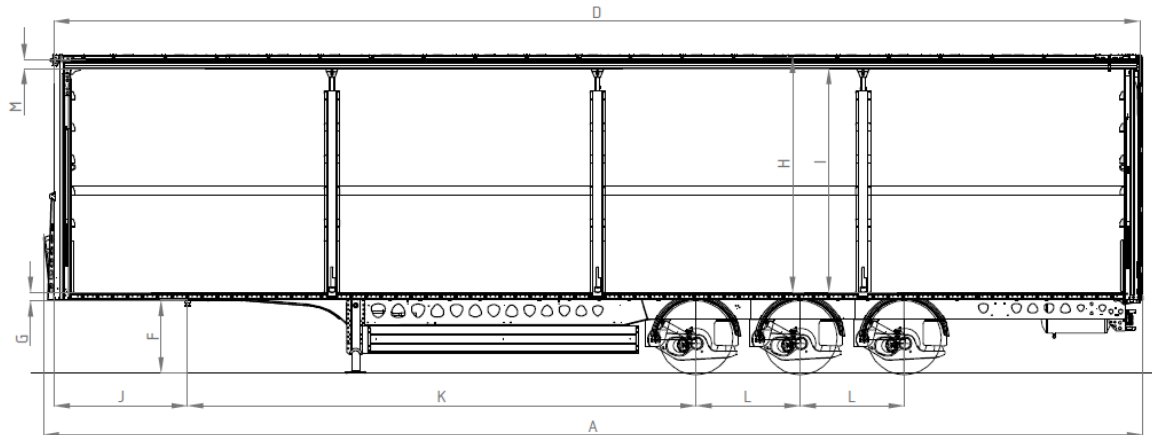


SAPL 24 LTMN

Semi-trailer with a lightweight steel construction and sliding tarpaulin body



Technical Data (Basic Equipment)

	Tare weight	5.020	kgs
	Vertical load / technically possible	11.000/12.000	kgs
	Axle assembly load / technically possible	24.000/27.000	kgs
	Gross weight / technically possible	35.000/39.000	kgs
	Theoretical payload / technically possible	30.010/34.010	kgs
A	Total length	13.850	mm
	Vehicle width	2.550	mm
	Total height unladen	4.000 / 4.050	mm
	Loading length	13.620	mm
	Loading width	2.490	mm
F	Coupling height (Attention: consider total height!)	920	mm
G	Frame neck height (frame height over wheel coupling)	100	mm
H	Internal height (floor to underside of cross member)	2.950 / 3.000	mm
	Lateral loading height (floor to underside of tarpaulin rail)	2.815	mm
J	Front overhang / front overhand radius	1.680 / 2.040	mm
K	Wheel base	6.390	mm
L	Axle spacing	1.310	mm
M	Height of tarpaulin rail	162,5	mm
	Loading width at rear (dimension between portal posts)	2.480	mm
	Tyres	435/50 R19.5	6x
	Spring track / wheel track	1.300 / 2.040	mm
	Euro pallet capacity	34	Pcs.
	Rear loading height, unladen (trailer in horizontal position)	1.080	mm

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Basic Equipment:

- Welded frame construction made of fine-grained steel S700, cross beam spacing (Z-profiles) approx. 375 mm
- Mechanical landing gear 2 x 12 t with compensating foot
- SAF axle assembly with disc brakes 370 mm; air suspension with raise/lowering device and reset to ride (RTR), operating valve at rear left
- Tyres 6x, Goodyear, Marathon LHT II, on steel wheel rims
- EC brake system, Knorr, complete with Roll Stability Programm (RSP), EBS 2S/2M, parking brake as spring brake with double release valve, aluminum compressed air tank, diagnostic capability via EBS socket ISO 7638
- 24 V lighting system, Hella, 2 x 7-pin and 1 x 15-pin plug socket according to DIN ISO 3731/12098, 2 multi-functional rear light systems (including rear fog lamp and reversing light), 2 clearance lights with rubber arms, 2 clearance lights (LED) on the front wall, 4 pairs of side marker lights (LED)
- Stable ecotrail-hybrid Wisadeck floor, GRP fabric on the underside as reinforcement and protection against moisture, floor sections tightly sealed on the outer frame, permissible forklift axle load 7,000 kg in accordance with DIN EN 283
- Body certified for general cargo in accordance with DIN EN 12642 Code XL, DIN EN 12195-1 and VDI 2700, for maximum payload of 29,000 kg
- Smooth front wall with high-strength sandwich panel, additional vertical and horizontal reinforcement profiles, front wall stanchions and reinforcement profiles made of S700 fine-grain steel, front wall panels riveted to front wall stanchions, 200 mm high protective strip integrated at bottom of the front wall panels, front wall bolted to the chassis
- Rear portal bolted to the chassis, rear portal stanchions made of S700 fine-grain steel, clear width between portal stanchions of 2,480 mm, rear doors complete with smooth outer surface and each fitted with 2 integrated power brace locks and stable closure mechanisms, door checks left/right, fold-up portal beam (System Berger), rubber buffer left/right
- 3 pairs of sliding stakes with lattice pockets for a total of 6 rows of lattices, support at bottom for 400 mm substitute side panel comprised of aluminum lattices
- 2 rows of aluminum side lattices, V-profiles, each 100 mm high
- Edscha Hybrid sliding tarpaulin, can be opened at both front and rear, braced by means of a 4-cable system
- 18 pairs of lashing rings flush-fitted in outer frame, certified according to DIN EN 12640 for tensile loading of up to 2,500 daN
- Multifunctional perforated outer frame, 68 hook-in possibilities at spacings of 187 mm along the complete length of the outer frame on each side, lashing points certified according to DIN EN 12640 for tensile loading of up to 2,000 daN, other drilled holes available for additional fixing options of cargo control systems and other applications
- Side tarpaulins, tarpaulin material 850–900 g/m², with vertical and horizontal strap bracing, 20 direct tensioners on each side of the vehicle, tarpaulin tensioner with compact crank mechanism at the rear, user-friendly opening at front through fitted hook-in strip. Roof tarpaulin 650–670 g/m²
- Practical equipment with semi-circular mudguards with integrated spray suppression according to 91/226/EEC
- Winch-operated spare wheel holder at rear right
- Extendable rear access ladder
- 2 x ECE 70 reflectors on the rear doors
- Underride guard in accordance with 70/221/EEC and lateral protective device according to 89/297/EEC, each made of aluminium profiles
- Paintwork for chassis and landing gear, front wall panel (outer surface only), front wall frame as well as rear doors in an RAL colour according to the customer's request (no metallic or brilliant colours). connection board on the front wall, lateral protective device including holder and landing gear cross-brace painted in RAL 9005 black, semi-gloss. Sliding stakes are KTL-plated (cataphoretic immersion painting), black; underride guard and intermediate plates in anodized aluminium. Profiles and inaccessible areas additionally protected with cavity wax.
- Mechanical lifting roof system on both sides, lift height 300 mm, 3 fixing positions at the front and 2 fixing positions at the rear.