

Three-axle rear tipper semitrailer with aluminium box-body



## S.KI LIGHT Model: S.KI 24 SL 7.2 AK

### Technical specifications

Axles	3 x 9,000 kg
Axle spread	1,310 mm
Spring track/track width	1,300 mm / 2,040 mm
Wheelbase	4,800 mm
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Loading length / loading width	7,300 mm / 2,440 mm
Dropside height	1,350 mm
Loading volume	23.8 m <sup>3</sup>
Semitrailer height loaded – min. recommended	1,190 mm
Semitrailer height loaded – Semitrailer horizontal	1,170 mm
Semitrailer height loaded max. permissible	1,270 mm
Semitrailer height empty & coupled – Semitrailer horizontal	1,200 mm
Semitrailer height empty & coupled – max. permissible	1,300 mm
Floor height above trailer coupling	350 mm
Pivoting radius as per ISO 1726	2,300 mm
Middle of rear axle to rear edge of well / chute	1,406 mm
Rear edge of underride guard to rear edge of well	max. 400 mm
Max. height when tipped	approx. 8,200 mm
* Centre of heating duct to king pin	155 mm
* Centre of heating duct to centre of longitudinal axis	995 mm
Tipping cylinder piston swept volume approx. high pressure / low pressure	73/79 litre
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Overall length / overall width	8,316 mm / 2,550 mm
Overall height (empty & horizontal)	2,900 mm
Gross weight technically possible	39,000 kg

\*Additional fittings

All dimensions and weights are approximate. The data relate to a vehicle with base fittings without taking into consideration possible additional fittings.

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### Fittings

**Chassis:** High quality fine grain steel with a welded-steel structure, frame side rail with drawn-in semitrailer plate area; stable box cross member configured as torsion support; chassis suitable for off-road use with high tipping rigidity; shot-blasted; painted with environmentally friendly, low-solvent 2 component paint

**Chassis:** Trademark components with drum brake incl. EBS (electronic brake system) and RSP (roll stability program); MRH air suspension (multi-ride height); adjustment of the ramp height using central lifting / lowering device with AUTO RESET function; with electrical starting aid, EU conformant

**Tyres:** 6 times 385/65 R 22.5" – manufacturer of our choice

**Chassis components:** Fold down underride guard, suitable for use on road pavers

**Lighting system:** 24 V, multi-chamber lights with integral fog lights and reversing headlights

**Tipping system:** Engine hydraulic rear tipping system; necessary operating pressure low pressure 170 bar Hyva (optionally also high pressure 250 bar); front lifting press with guard rail; bolted tilting bearing, manufactured as a long-life friction bearing from special bearing material

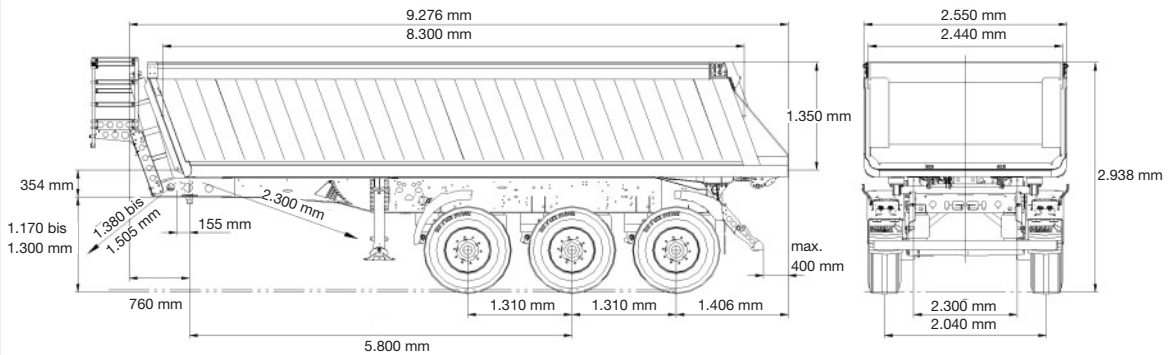
**Body:** With 20° sloping front and rear panel, bottom plate from wear-resistant aluminium alloy, rear half 8 mm, front 7 mm thick; joints bottom / side panel as well as bottom / front panel, reinforced with corner plates; side panels from Schmitz Cargobull's own 40 mm hollow section system, internal wall 4 mm; bulkhead with robust supports for the front lifting press; internal supported sheet rear panel with robust frame and advanced self-aligning bearings; automatic 2-hook rear panel locking

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Three-axle rear tipper semitrailer with aluminium box-body



## S.KI LIGHT Model: S.KI 24 SL 8.2 AK

### Technical specifications

Axles	3 x 9,000 kg
Axle spread	1,310 mm
Spring track/track width	1,300 mm / 2,040 mm
Wheelbase	5,800 mm
Loading length / loading width	8,300 mm / 2,440 mm
Dropside height	1,350 mm
Loading volume	27.0 m <sup>3</sup>
Semitrailer height loaded – minimum recommended	1,190 mm
Semitrailer height loaded – Semitrailer horizontal	1,170 mm
Semitrailer height loaded max. permissible	1,270 mm
Semitrailer height empty & coupled – Semitrailer horizontal	1,200 mm
Semitrailer height empty & coupled – max. permissible	1,300 mm
Floor height above trailer coupling	350 mm
Pivoting radius as per ISO 1726	2,300 mm
Middle of rear axle to rear edge of well / chute	1,406 mm
Rear edge of underride guard to rear edge of well	max. 400 mm
Max. height when tipped	approx. 9,100 mm
* Centre of heating duct to king pin	155 mm
* Centre of heating duct to centre of longitudinal axis	995 mm
Tipping cylinder piston swept volume approx. high pressure / low pressure	83/89 litre
Overall length / overall width	9,316 mm / 2,550 mm
Overall height (empty & horizontal)	2,900 mm
Gross weight technically possible	39,000 kg

\*Additional fittings

All dimensions and weights are approximate. The data relate to a vehicle with base fittings without taking into consideration possible additional fittings.

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### Fittings

**Chassis:** High quality fine grain steel with a welded-steel structure, frame side rail with drawn-in semitrailer plate area; stable box cross member configured as torsion support; chassis suitable for off-road use with high tipping rigidity; shot-blasted; painted with environmentally friendly, low-solvent 2 component paint

**Chassis:** Trademark components with drum brake incl. EBS (electronic brake system) and RSP (roll stability program); MRH air suspension (multi-ride height); adjustment of the ramp height using central lifting / lowering device with AUTO RESET function; with electrical starting aid, EU conformant

**Tyres:** 6 times 385/65 R 22.5" – manufacturer of our choice

**Chassis components:** Fold down underride guard, suitable for use on road pavers

**Lighting system:** 24 V, multi-chamber lights with integral fog lights and reversing headlights

**Tipping system:** Engine hydraulic rear tipping system; necessary operating pressure low pressure 170 bar Hyva (optionally also high pressure 250 bar); front lifting press with guard rail; bolted tilting bearing, manufactured as a long-life friction bearing from special bearing material

**Body:** With 20° sloping front and rear panel, bottom plate from wear-resistant aluminium alloy, rear half 8 mm, front 7 mm thick; joints bottom / side panel as well as bottom / front panel, reinforced with corner plates; side panels from Schmitz Cargobull's own 40 mm hollow section system, internal wall 4 mm; bulkhead with robust supports for the front lifting press; internal supported sheet rear panel with robust frame and advanced self-aligning bearings; automatic 2-hook rear panel locking

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