

## Dump semitrailer with aluminium body Grünwald system Langendorf



### Advantages

- Manufactured according to German technology.
- Aluminium body has the lower weight and is cost-beneficial for long-distance freight.
- Reinforced frame.
- Original European component parts.
- Paint coating thickness of 200 micron for severe climatic conditions.
- Welding is fulfilled in the argon atmosphere that makes the welded joint to be resistant to low temperatures.

### Technical features

Axles	3x9000 kg		
Fifth wheel load	11000 kg		
Gross weight	38000 kg		
Body space	40 m <sup>3</sup>	50 m <sup>3</sup>	60 m <sup>3</sup>
Tare weight	7200 kg	7800 kg	8400 kg
Carrying capacity	30800 kg	30200 kg	29600 kg
Overall length	9500 mm	11000 mm	11500 mm
Fifth wheel height	1235 mm		
Fifth wheel height <i>INDIVIDUAL</i>	1350 mm		
Overall width	2550 mm		

### Options

- Height increase of the fifth wheel up to 1350 mm.
- Installation of the front lift axle.
- Installation of axles with disc brakes.
- Design according to the customer's request.
- SMARTBOARD.
- Additional strengthening of the structure.

### Warranty

- 12 months for the product.
- 36 months for axles.
- 5 years for axles if EBS BPW is installed.

### Specifications

**Chassis:** Reinforced frame for rough road conditions. Two king pin positions. The side members made of Swedish steel OVAKO are welded from both sides and keep elasticity at low temperatures. JOST landing gear. Rear lifting underrun bar.

**Body:** Assembled body made of aluminum shape. Rectangular shape. Low tare weight. Intended for transportation of the low-density cargoes.

**Axles:** BPW Heavy Duty axles with drum brakes. Pneumatic suspension Wabco. Lifter for platform lifting/lowering.

**Break system:** EBS/ABS of Wabco/BPW production.

**Hydraulic system:** Hyva hydraulic cylinder allows the body lifting by 45°.

**Tires and wheels:** 7 wheels (including spare one). Galvanized steel wheel disks 22,5x11,75. Tires 385/65R22,5 of brand at the semitrailer manufacturer's discretion.

**Electrical system:** Two-wire system, 24 V operating voltage, explosion-proof design, rear five-chamber lights with integrated trigonal reflector.

**Optional equipment:** Six complete mudguards. Two wheel chocks with holders. Holder for one spare wheel. Winch for spare wheel. Aluminum operating platform. Roll-up canvas tilt.