

**Dump semitrailer Grünwald system Langendorf 50 m<sup>3</sup>**

**Advantages**

- Manufactured according to German technology.
- Half-pipe original body ensures quick unloading and prevents sticking of the goods.
- 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
Tare weight	10500 kg
Carrying capacity	27500 kg
Body space	50 m <sup>3</sup>
Fifth wheel height	1235 mm
Overall length	10720 mm
Overall width	2500 mm

**Options**

- Height increase of the fifth wheel (1220-1350 mm).
- Installation of the front lift axle.
- Installation of axles with disc brakes.
- Design according to the customer's request.
- SMARTBOARD information unit.
- 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:** Semicircular-shaped, manufactured according to the original technology Half-pipe from S355MC steel. Welded from three parts overlapped that allows avoiding joints abrasion by abrasive goods. The sides have lengthwise strengthening ribs for increasing of breaking strength.

**Axles:** BPW Heavy Duty axles with drum brakes. Pneumatic suspension. 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.