



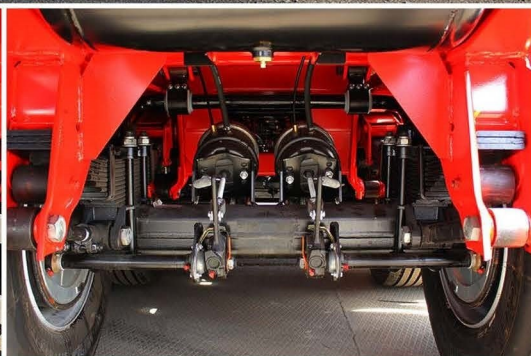
Grünwald

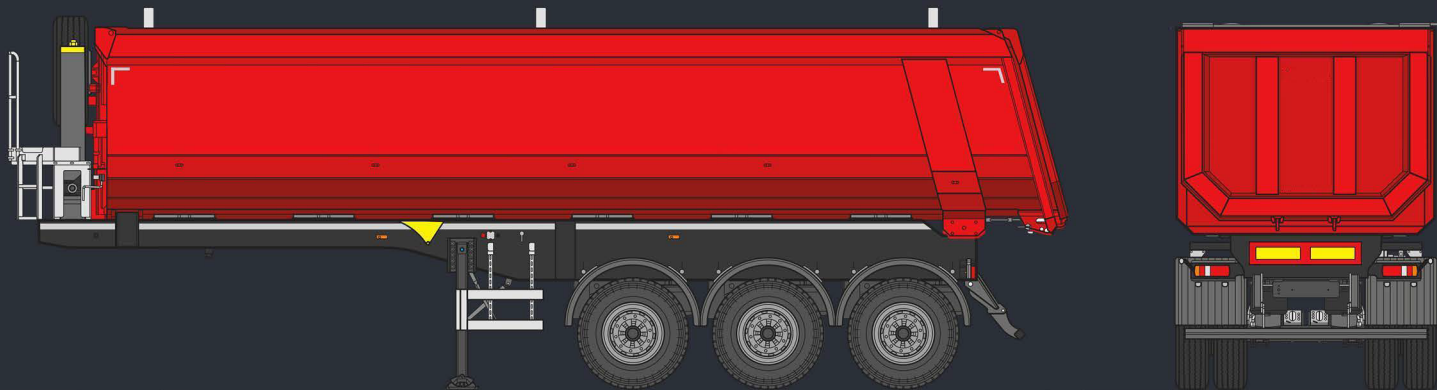


TSt
31

Dumper semitrailer

31 cbm HARDOX steel body "Half-Pipe"





Specifications

Gross weight	51 000 kg	Total length	9 500 mm
Axle load	36 000 kg	Total width	2 520 mm
5th wheel load	15 000 kg	Body height at the front wall	1 650 mm
5th wheel height	1 335 - 1 450 mm	Inner body width	2 288 mm
Body volume	31 m ³	Max lifting angle	44°

Chassis construction

- Reinforced welded heavy-duty frame adapted for off-road conditions.
- Longitudinal beams made of OVAKO steel.**
- Reinforced kingpin plate.
- Aluminum operating platform at the front of the vehicle.
- Mechanical two-speed landing gear from European suppliers.

Body construction

- Original «Half-pipe» technology.
- Welded from three parts overlapped that allows avoiding joints abrasion by abrasive goods.
- Sidewalls, bottom and front wall made of HARDOX 450.**
- Sidewalls thickness - 5 mm, bottom thickness - 7 mm.**
- Straight front wall and 15° inclined rear wall.
- Rear wall is fixed on bearings in its upper part and locked at the bottom by automatic locks.

Hydraulic system

- HYVA (Holland) / Binotto (Italy) hydraulic cylinder.**
- Quick detachable connection with coupling 2" in diameter.
- 250 bars maximum pressure.

Axles and suspension

- Reinforced mechanical steel suspension.**
- The distance between axles is 1 360 mm.
- H/S valve.
- 3 x 12 000 kg loading capacity axles, BPW (Germany) Heavy Duty Eco Plus III with square beam.**

Brake system

- Drum brake system.**
- EBS Wabco.
- Dual circuit pneumatic parking brake system.

Electric system

- 24 V.
- ERMAX 5-section tail-lights with integrated triangular reflector.

Tires and rims

- Double mounted wheels, number of wheels is 12 +1 spare wheel.
- 315/80 R 22,5 tires (**Bridgestone/Michelin/BFGoodrich**).
- Steel reinforced rims.

Painting

- According to ISO standards for tough climatic conditions.
- All steel parts are shot-blasted before painting.
- Color according to RAL system.

Other equipment

- Top cover (rolls to the left).
- Two wheel chocks with holders.
- 2 spare wheel holder.
- Winch for spare wheel.
- Rear underrun protection bar and side protection according to UNECE Regulations.