



**MODEL**  
**T850**

**KEL-BERG 3 AXLE DUMP**  
**TRAILER HARDOX**

# TRAILER SPECIFICATION

## KEL-BERG 3 AXLE DUMP TRAILER HARDOX

### DIMENSIONS & WEIGHTS:

Approximate capacity	13 m <sup>3</sup>
Permissible total weight	24,000 kg
Total axle weight	27,000 kg
Approximate tare weight	7,100 kg +/- 3%

Internal length	5,100 mm
External width	2,550 mm
Internal width	2,310 mm
Wheelbase (2 x 1,310 mm)	1,310 mm

### CHASSIS:

Long cross bars fully welded I-profile in high grade steel. Heavy duty cross members and reinforcements. Fitted with EU approved underrun protection. Height adjustable 4x 50 mm.

### AXLES:

Fitted with 3 pcs 9 ton SAF axles with disc brakes. Intradisc plus-integral. Fitted with original SAF air suspension with higher lift. Lift axle on 1st and 3rd axle. Axle lift according to Kdir 97/27 EC.

### BRAKES:

2 line compressed air system with ALB and ABS valves. Features park brake, shunt valve, self-adjusting brake system, Duo-matic air clutch, and EBS system including axle sensor. Fitted with WABCO / GRAU / Knorr components.

### WHEELS & TYRES:

Fitted with 6 pcs 385/65R22.5 Bridgestone M/748 or other recognised brand on silver steel wheels.





## MUDGUARDS:

Fitted with 6 pcs 180 degrees plastic mudguards with 2 pcs mud flaps.

## ELECTRICAL SYSTEM:

Electrical system in accordance with ISO 3731. Features:

- 24 volt system ISO, standard.
- 4 pcs 3 chamber lamps. 2 pcs H3 rear lights, speed lights, side marker lights and number plate lamps from HELLA.
- Completely fitted with reflectors.
- 1 pc 14-pole VBG connector

## LANDING LEG:

1 manually operated landing leg, mounted at the front of the chassis with upward swing.

## TOW BAR & TOWING EYE:

Fitted with recessed drawbar, 650 mm from ground level. 5,050 mm towing length centre to centre front axle. 57.5 mm VBG type.

## TIPPING CYLINDER:

Single circuit hydraulic tipping cylinder mounted underneath. Working pressure max 270 bar. GEORG brand. ¾ coupling Tema 7530.

## PAINTING:

All steel components are sandblasted with steel sand, primed in anti-corrosion primer. Painted in approved ICI / PPG 2-component product. Aluminium sides are anodised. Body is RAL 9006, Chassis is RAL 3020, Underrun protection is RAL 9016.

## TIPPER BODY:

Fitted with 5,100 mm internal length steel body mounted on centre, centred over axles. Body is 50 mm conical from front edge to rear edge. Floor is 8 mm HARDOX 450, reinforced with ribs in fine-grained steel 690, max 350 mm between the ribs.

1,200 mm high front wall, 6 mm HARDOX 450, smooth inside, externally reinforced with U-profiles. 350 mm high shovel holder.

1,250 mm high 2 piece rear door. Supplied in aluminium. 1,200 mm + 100 mm high hinges, moved forward 150 mm. Automatlem is built in 10 mm HARDOX 400. Air operated with electrical plug in VBG connector, plug 14. Opening approximately 110 degrees.

Side walls are 1,200 mm high continuous and connected to the floor with 45 degree reinforcement between sides and floor with 6 mm HARDOX 450. U-profiles on the outside for reinforcement.