



**KEL-BERG MIXER  
TRAILER**

**KEL-BERG 3-AXLE 12 M<sup>3</sup>  
CONCRETE MIXER TRAILER**



# CHASSIS SPECIFICATION

Ver.1 | Issued  
05/25

## KEL-BERG 3-AXLE 12 M<sup>3</sup> MIXER TRAILER

### Chassis Dimensions:

Overall Length:	9,020 mm
Overall Height:	3,660 mm
King Pin Position:	506 mm
Un-laden Weight:	8,500 kg
Fifth Wheel Height:	1,272 mm

	Design Weights	UK Axle Weights
Axle 1:	9,000 kg	8,000 kg
Axle 2:	9,000 kg	8,000 kg
Axle 3:	9,000 kg	8,000 kg

### Chassis Construction:

The full-length of the chassis and cross-members are constructed from steel. The chassis system increases the torsional strength and flexibility whilst keeping the centre of gravity low. Fitted with fixed anodised aluminium side guards. Rear underrun finished in RAL 7031 Grey

### Chassis Finish:

Chassis is shot blasted and painted in RAL7013.

### Axles & Suspension:

Fitted with SAD Intra Series full air suspension, complete with raise and lower valve with auto-reset ride height. Automatic front lift axle. Fitted with 3 x SAF Intradrum 9 ton on/off road use axles.



### Braking System:

A two line pressure system with standard C couplings mounted on the front of the chassis. Fitted with Knorr-Bremse EBS / ABS, Incorporating RSP anti roll, load sensing valve. Park & shunt buttons mounted on the side of the chassis.

### Wheels & Tyres:

10 Stud spigot steel wheel rims, fitted with six off premium 385/65R22.5 tyres.

### Mud Wings:

6 x 180 degree heavy duty black thermos plastic wings with Kel-Berg logo flaps on the rear axle.

### Landing Legs:

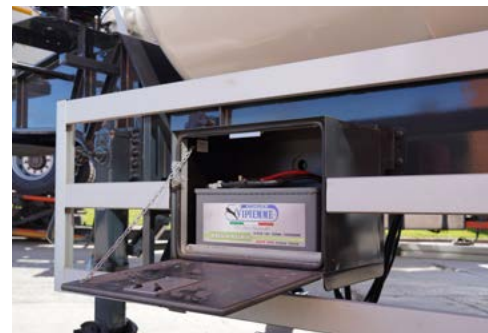
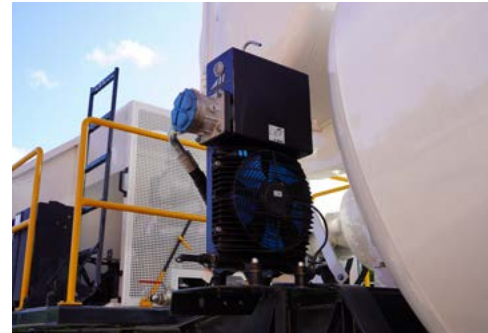
JOST 2 speed legs with rocker feet, finished in black.



### Electrics:

24 Volt electrics are fitted with two 7 pin ISO and one ABS / EBS sockets fitted to front of trailer. Loom system housed in plastic tubing. Aspock light system fitted which has plug wiring connections especially developed for the 24V trailer application, ensuring a long lasting and reliable system.

2 x LED front markers, LED amber side marker lights, mounted to the chassis to C&U regulations, LED rear end outline marker lights, Aspock rear light cluster.





# BODY SPECIFICATION

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## KEL-BERG 3-AXLE 12 M<sup>3</sup> MIXER TRAILER

### Body Dimensions:

Drum & Blades: S-355 Steel  
Capacity: 12 m<sup>3</sup>  
Geometric Volume: 17.9 m<sup>3</sup>  
Un-Laden Weight: 5,800 kg

### Drive & Hydraulics:

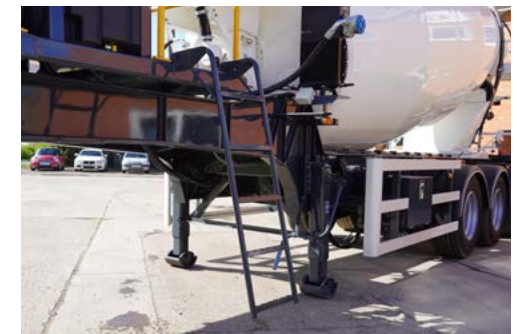
- PMP PMB 7.1 gearbox
- PMP PMH M90 hydraulic pump
- Lever and cable control for drum rotation

### Water System:

- 800 L aluminium tank mounted above gearbox, low level fill
- Steel pipework routed for easy maintenance
- Water pump driven from the PMP hydraulic circuit
- Rear washing facility

### Chute & Discharge:

- Loading hopper
- Discharging butterfly chute
- Straight pan chute with manual hand pump height adjustment
- Chute sections in 50B steel with wear resistant liners
- Three plastic extension chutes on a fabricated frame



### Cooling & Lubrication:

- ASA aluminium oil cooler package: oil tank, filter, temperature sensor, on/off switch
- Spare parts kit supplied (including replacement fan)

### Access & Finish:

- Fold down mild steel rear ladder
- Single colour acrylic top coat finish

### Donkey Engine:

- 90 kW, 3.5 L Stage V diesel
- Direct coupled to mixer gearbox
- Rear control panel: variable engine speed, raise/lower buttons
- Manual hydraulic drum speed control at rear
- Aluminium bonnet with quick access panels
- Fuel Capacity: 200 L

