

KEL-BERG[®]
TRAILERS AND TRUCKS LIMITED

Issued
OCTOBER 2022

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KEL-BERG
SCRAP TRAILER

KEL-BERG T97 RIBBED HEAVY
DUTY SCRAP TRAILER

CHASSIS SPECIFICATION

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KEL-BERG T97 RIBBED HEAVY DUTY SCRAP TRAILER

Chassis Dimension:

Overall Length: 10,400 mm
King Pin Position: 750 mm
King Pin Design Weight: 16,000 kg
Neck Depth: 200 mm
Chassis Main Rail Centres: 1,300 mm
Fifth Wheel Height: 1,200 mm

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

The distance from the king pin to the centre of the axle is 8,035 mm and suitable for 44 ton operation = 5,500 kg per metre.

Chassis Construction:

I-beam profiles in Quality high tensile steel at 1,300mm centres for improved stability. Cross members are also in high tensile steel U-section profiles. The total concept gives a strong and flexible chassis. Retractable under run bumper is fitted.

Galvanised, bolt on stays with swing up anodised aluminium side guards fitted on both sides. These are easily changed if damaged. Retractable, swing up, rear under-run bar finished in RAL 9010 White.



Chassis Finish:

The chassis is shot blasted and degreased to DIN standard. A KTL coating is applied prior to primer application. The trailer is cured with PUR-acrylic paint applied, giving a high gloss and long lasting finish.

Axles & Suspension:

The T97 is available with 3 axle types: SAF, BPW and Mercedes.

SAF: 3 ET120 offset SAF INTRA DISC plus integral on/off road axles with 430 mm disc brakes.

SAF air suspension with auto reset, raise and lower valve along with twin lift bags for the auto drop 1st lifting axle.

MB: 3 x 120 offset DCA TE5/8KC7-9 axles with 430 mm disc brakes, maintenance – free cartridge bearing, axle tube and suspension frame finished in cathodic dip primer.

DCA air suspension with auto reset raise and lower valve, along with twin lift bags for the auto drop front lifting axle.

BPW: 3 BPW Airlight 11 (off road design) axles, HSF 9015 420 mm x 200 mm drum brakes, Axle tube and suspension finished in cathodic dip primer.

BPW air suspension with auto reset raise and lower valve, twin airlift bags for auto drop front lifting axle.



BODY SPECIFICATION

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KEL-BERG T97 RIBBED HEAVY DUTY SCRAP TRAILER

Body Dimension:

Internal Length:	10,200 mm
Internal Height:	2,640 mm at rear of trailer
Internal Width:	2,440 mm
Cubic yard:	77
Front Bulkhead:	3 mm
Side Wall Thickness:	4 mm up to 1 metre then 3 mm
Floor thickness:	5 mm last 2 metres is 6 mm thick.

2 x full length 70x70x6 mm angles mounted to floor to give added floor protection and increase longevity.

Tailgate:

Full height barn doors with twin locking hooks and bars.

Tipping Gear:

Mid-mounted EDBRO CS18 tipping RAM fitted to body front. Operates are maximum 190 bar.

Finish:

Body parts are finished in a single colour.

Warranty:

- 24 month on Kel-Berg chassis and body.
- 36 month on EDBRO tipping ram.
- 24 month on Dawbarn sheeting system (via sheet supplier).

