



**KEL-BERG**  
**INSULATED TIPPER**

**DAF CF450 8X4 KEL-BERG**  
**INSULATED TIPPER**



# CHASSIS SPECIFICATION

Ver.4 | Issued  
03/23

## DAF CF450 8X4 KEL-BERG INSULATED TIPPER

### Make / Model:

DAF CF450 FAD 8x4 Rigid Construction Chassis N3G

### Driveline:

Drive line is fitted with a 10.8 litre, 6 cylinder diesel Euro 6 MX-11 engine:

- Output: 320kW at 1450 to 1700 rpm

Also features an auto Traxon 12 speed ZF 12TX2610 OD gearbox, mechanical cross-axle & inter-axle differential lock, and ASR (anti-slip control).

### Cab External Features:

Green translucent external sun visor.

Galvanised steel bumper.

Tinted glass.

Electric operated side windows.

4-point mechanical cab suspension and integrated shock absorbers.

Central door locking system with exterior light checker function.

Electrical adjustment of main mirror and wide angle mirror.

Daytime running lights with four LEDs at each side.

Double glassed window in the cab rear wall.

### Colour:

Cab is finished in H3729 white. Lower cab steps, wings and bumper finished in white. Chassis finished in grey.



# CHASSIS SPECIFICATION

Ver.4 | Issued  
03/23

## DAF CF450 8X4 KEL-BERG INSULATED TIPPER

### Cab Interior:

Interior is finished with black rock and dark sand trim. The driver seat is air suspended with high back and comfort air. Upholstery is flash copper with black seat belts. Climate control automatically regulates cab temperature.

Pioneer DAB Radio / USB player, Bluetooth antenna and two USB charging points also included. A 5" TFT display is fitted in the instrument panel with driver performance assistant (DPA). Stoneridge or VDO digital tachograph fitted.

### Chassis:

Chassis is 310 mm x 6 mm steel with full length inner reinforcement. Exhaust is a single low horizontal DPF & SCR unit with diffuser positioned behind the second front axle on the driver's side. 390 L aluminium fuel tank is located on N/S and 45 L AdBlue tank. Wheel base is 5700 mm with 1530 mm.

### Braking System:

Fitted with ventilated disk brakes on the front and rear axles and dual circuit air system with electronic control (EBS). Also features air compressor with heated dryer, exhaust brake and park brake control, spring brake cylinder on front and rear axle.





### Axles & Suspension:

Front axle type: 167 N vertical offset at 20 mm. Parabolic leaf suspension with shock absorbers and stabilisers:  
Max Load - 7.1 tons x 2

Rear axle type: SR1132T with single reduction. Trapezium leaf suspension: Max Load - 9.5 tons x 2

Rear spring max load 19 tons. Brake system design load 19 tons.

### Wheels & Tyres:

Front and rear axles:

- Tyre size: 295/80R22.5
- Wheel rim size: 22.5 x 8.25

Wheel protection rings with centre section finished in silver grey. Tyres premium make. On/off road tread pattern.

### Electrical Power Supply:

Alternator 80 A (2 x 175 Ah batteries)

Rear light units LED

### GVC & GCM:

Chassis weight related technical GVM max - 32,000 kg

Driveline related max GCM 32,000 kg (Class 2)

### Warranty:

2 year chassis cab and 3rd year driveline. This takes care of all warrantable repairs on the vehicle for the first two years and on the driveline for this year together with associated breakdown coverage.

### Service & Maintenance:

Two options are available at additional monthly cost:

1. Compliance package
2. Full R&M package

**Please ask for full details and monthly costs.**

# BODY SPECIFICATION

Ver.4 | Issued  
03/23

## DAF CF450 8X4 KEL-BERG INSULATED TIPPER

### Body Construction:

Body has an 18.1 m<sup>3</sup> (23.7 yd<sup>3</sup>) capacity and is designed for the transportation of aggregates and asphalt. It features extruded aluminium top and bottom rails, giving a light weight but strong construction.

Removable front corner posts allow for easy replacement of damaged insulation panels. The slid down aluminium access ladder c/w hand rails is situated on N/S for safety. The last 1.5 metres of the floor is 8 mm thick.

### Body Dimensions:

Internal Body Length:	6500 mm
Internal Depth:	1220 mm
Internal Body Width:	2285 mm
Side Wall Thickness:	4.76 mm
Headboard Thickness:	4.76 mm
Tailgate Thickness:	4 mm

The body is fitted with rubber mounting blocks on the underside of the V pan.

The aluminium front and rear mud wings are bolt on and have Kel-Berg rubber flaps with chains to cover the rear lights, which are mounted on an aluminium bracket with a horizontal plate that is fixed to the rear most wing.



## BODY SPECIFICATION

Ver.4 | Issued  
03/23

## DAF CF450 8X4 KEL-BERG INSULATED TIPPER

### Insulation:

The body sides are insulated with earth wool Dritherm cavity slab that is sandwiched between the aluminium panels. The headboard, tailgate and underfloor are insulated with an air gap between outer aluminium skin.

### Tailgate:

The 300 mm sloped, split tailgate is hinged from an extruded tie bar. Pneumatic over centre locking mechanism and pneumatically controlled cylinders lift and lower the bottom section of the gate.

A manual lever assist bar is provided to perform a manual override. The lower section of the gate is fitted with removable screw clamps & sword pins for secondary security.

### Tipping Gear:

A front mounted EDBRO CX15 tipping gear with integral oil tank is fitted with an EDBRO PTO and pump.

### Additional Extras:

- N/S headboard mounted cat walk with slide down access ladder.
- A front mounted shovel and holder fitted to the O/S front bulkhead.
- Galvanised swing up brackets are fitted each side with aluminium lateral bars.

