



**DAF CF450 FAX 8x2 Sterling Crane  
Lorry c/w PK48002**



# Chassis Specification

Ver.1 | Issued  
04/20

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Crane Lorry c/w PK48002

## Model:

DAF CF 450 FAX 8x2 Rigid Highway Chassis N3G

## Drive Line:

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

- Outputs: 330 kW at 1600 rpm
- Maximum Torque: 2300 nm at 900 – 1125 rpm

Also features an auto Traxon 12 speed ZF 12TX2210 gearbox, mechanical cross-axle and inter-axle differential lock and ASR (anti-slip control).

## Cab External:

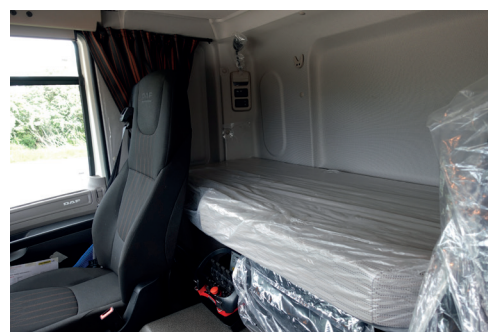
Cab external features the following:

- 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 functions.
- 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 H3279 White. Headlamp surround and bumper finished in in white also. Mirror covers and chassis finished in grey.

## Photos:



### Cab Interior:

Cab interior is finished with black rock and a dark sand trim. 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.

Cab also features a radio / USB player, truck phone, hands free telephone kit with SIM card slot, Bluetooth antenna and two USB charging points. There is also a 5" TFT display in the instrument panel and driver performance assistant (DPA). Stoneridge or VDO digital tachograph.

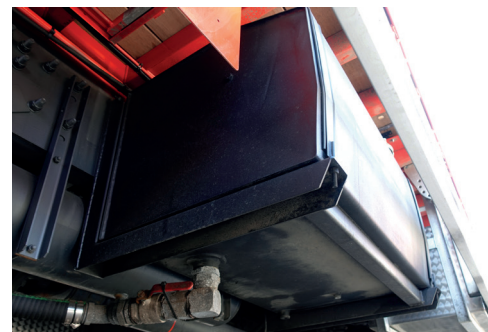
A sleeping compartment with lower bunk is raised 135 mm above the engine tunnel. There are storage facilities under the bunk, at the upper level 3 open. These can be accessed by tilting bunk. Lower bunk with standard foam mattress. Curtains along windscreen and side windows.

A 3.8 kW water to air night heater with residual heat pump. Control panel with 7 day timer. Aluminium roof hatch with manual control ECAS remote control to activate normal driving height to raise/lower the rear axle and to stop any adjustment.

### Chassis:

Chassis is 310 mm x 8.5 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 driver's side. 390 litre aluminium fuel tank is located on N/S and 45 litre AdBlue tank. Wheel base is 6400mm with 2800 mm overhang.

### Photos:





### Brake System:

Ventilated disc brakes front & rear. Dual circuit air system with electronic control (EBS) twin air compressor with heated dryer. MX engine brake works simultaneously with the exhaust brake, resulting in a high combined braking power available at low engine rpm. Park brake control, Spring brake cylinder on rear axle 2.

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### Axle & Suspension:

Front Axle Type: 163N vertical offset at 100 mm. Parabolic leaf suspension with shock absorbers and stabiliser – Max Load: 2 x 8 ton

Air suspended drive rear axles and steering trailing axle, Drive single reduction axle type SR1344 with 4 bellows, max load 11.5 tonnes. Steered axle with 2 air bellows, max load 7.5 tonne. Single reduction, Rear axle load max 11.5 The air suspension is lowered to its bump position as soon as PTO is switched on.



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## Wheels & Tyres:

Front axles:

- Tyre Size: 315/70R22.5
- Wheel Rim Size: 22.5 x 9.00

Rear axle:

Front wheel protection rings with open centres. Tyres premium make, Highway chassis Road tread pattern fitted.

## Electrical Power Supply:

Alternator 120 A, 2 x 175 Ah batteries

## GVC & GCM:

Chassis weigh related technical GVM max. 35,000 kg  
Driveline related max GCM 44000 kg class 2

## Warranty:

2 year chassis cab & 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 with breakdown coverage.

## Service & Maintenance:

Two options are available at additional monthly cost

Option 1) Compliance package

Option 2) Full R&M Package

Please ask for a full details or a monthly cost.





### Body Description:

The body is approximately 8 m long (built to maximum legal length) and is built to 32 ton spec. It is a fully welded interlaced steel construction with cross members spaced at 400 mm. The low profile under frame allows for minimum deck height. Angled heavy duty side raves – 10 mm thick.

- Recessed lashing rings are set in to top of side rave – 8 each side.
- Heavy duty lashing rings under side raves for chains – 8 each side.
- Rope hooks are fitted to every cross member.

Single bends in beavertail allow for minimum loading angle (approximately 12° - 14°). 28 mm hardwood is finished with timber sealant to prevent water ingress.

Headboard is 1.2 metre high and is constructed with heavy duty steel with KEL-BERG profile cut into it. Chain bar also fitted.

LED marker lights, spray suppression and side guards all fitted to meet current legislation. Body is shot blasted and cleaned, then painted in two pack paint to customer colour of choice. Ramps and headboard to be finished in hot dip galvanised. One powdered coated steel tool box is fitted to the side of the body. Recessed tool trays are fitted either side of winch plates. 2.5M x 1.0M fold forward Mega wedge hydraulic ramps fitted to the rear of the body. Ramps powered by an electro hydraulic power pack mounted in a weather proof box. Check valves fitted to rams to guard against hose failure.

Rear steady legs powered by hydraulic rams with auto lower. Winch plate fitted to allow winch to be retro fitted. Pull-out step and grab handle fitted to the front nearside. Conspicuity tape fitted to the side and rear of the body. One pair of twist locks fitted to the front of the body. Sockets set into the deck to provide facility for a handrail to be fitted at a later date. WVTA Included.

### Crane Description:

Fitted with Palfinger PK48002EH D BOOM (Classification according to EN12999:HC1 HD4/B3).

- Lifting moment: 46.5 mt / 456.3 KNm (31.1 mts)
- Slewing angle: 400°
- Estimated dead weight: 4420 Kgs

Lifting capacity:

10,200 Kgs	@	4.1 m
7,200 Kgs	@	5.9 m
5,400 Kgs	@	7.7 m
4,200 Kgs	@	9.6 m
2,850 Kgs	@	13.8 m

Crane has 5 hydraulic boom extension sections from 7.7 m to 13.8 m (including geometry control). Crane is also fitted with Paltronic 50 rated capacity indicator with overload protection and emergency cut-off + hour counter.

There are two lateral and vertical hydraulically extended stabiliser jacks of rigid design, with pilot operated non-return valves. Maximum stabiliser spread – 7.8 m (R3X) + tillable footplate.

Crane can be operated using box level on each side of crane, or using 4 function radio remote (PALFINGER/DANFOSS) with linear control levers + 4 element control valve with LED display on handset. Emergency control can be found on crane column.