



KEL-BERG
CRANE TRUCK

DAF CF370 6x2 BUILDERS
MERCHANT TRUCK

CHASSIS SPECIFICATION

Ver.1 | Issued
07/21

DAF CF370 6x2 BUILDERS MERCHANT TRUCK

Make/Model:

DAF CF370 FAN 6x2 Rigid Highway Chassis N3

Driveline:

Driveline is fitted with a 10.8 L, 6 cylinder diesel Euro 6 engine:

- Output: 270 kW (367 hp) at 1600 rpm
- Max Torque: 1900 nm at 900 - 1125 rpm

Also features an auto TraXon 12 speed ZF 12TX2010 gearbox, mechanical cross-axle and inter-axle differential lock and anti-slip control (ASR). Traction aid = 15 ton.

Cab External:

The cab external features the following:

- Green translucent external visor
- Galvanised steel bumper
- Tinted glass
- Electric operated windows
- 4-point mechanical cab suspension and integrated shock absorbers
- Central door locking system with exterior light checker function
- Electrical adjustment of main mirrors and wide angle mirror
- Daytime running lights with four LEDs at each side

Colour:

Cab is finished in H3279 white. Headlamps surrounds and bumper finished in white also. Mirror covers and chassis finished in grey.



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.

Radio / USB player, truck phone, hands-free kit with SIM card slot, 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 x 7 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. A 390 L aluminium fuel tank is located on N/S and 45 L AdBlue tank. Wheel base is 5900 mm with 2800 mm overhang.

Spray suppression in the mudguards, according to EU directive 91/226/EEC. Front underun protection (FUP) according to EEC directive 200/40/EEC.

Electrical Power Supply:

Alternator 80 A (2 x 175 Ah batteries)



Braking System:

Fitted with ventilated disk brakes on the front and rear axles and dual circuit air system with electronic control (EBS). Also features twin air compressor with heated dryer.

The MX Engine brake works simultaneously with the exhaust brake, resulting in a high combined braking power available at low engine RPM. Rear axle 2 features park brake control and spring brake cylinder.

Axles & Suspension:

Front Axle Type: 183 N vertical offset at 112 mm. Parabolic leaf suspension with shock absorbers and stabiliser – Max Load: 1 x 9 ton

Air suspended drive rear axles and single mounted trailing axle, Driven single reduction axle type SR1344 with 4 bellows, max load 11.5 tonnes. Steered axle with 2 air bellows, Max load 7.5 tonnes, mechanical differential lock.

Lifting device for the steered trailing axle.

Wheels & Tyres:

- Front axles: Tyre size 385/55R22.5 Wheel size 22.5 x 11.75
- Driven rear axle: Tyre size 315/70R22.5 Wheel size 22.5x 9.00
- Trailing axle: Tyre size 315/70R22.5 Wheel size 22.5 x 9.00

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

Safety & Security:

The vehicle is fitted with a lane departure warning system to prevent inadvertent lane changes as a result of fatigue or distraction. Also features vehicle stability control system (VSC) to enhance the active driver's safety and an acoustic reversing warning with override switch.

GVC & GCM:

Chassis weigh related technical GVM max. 28,000 kg

Driveline related max GCM 38,000 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

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Body Description:

The body is a galvanised steel frame with an alloy drop-side body which includes a fall arrest system for merchant application. The head board is galvanised and the full height of the cab with mesh above the cow horns.

The drop-side is 800 mm high, triple alloy planted and fitted with anti-loose fasteners. A fixed 1,000 mm high tailboard is fitted with steel infill cut-out for access.

Fitted with a 24 mm Wisa floorboard and V groove side rails with lashing rings at 500 mm centres. Galvanised steel C-section cross bearer.

External Length: 7,380 mm
Internal Height: 7,100 mm
Body Width: 2,550 mm

Lashing rings are located in the side rails. A bespoke side pillar extended 1,000 mm high with lashing rings for fall arrest straps is also fitted.

Body Features:

All relevant conspicuity markings to meet with current EU approval are fitted. Additionally fitted with LED side marker lights and spray suppression.



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Included Extras:

Additionally fitted with the following items:

- Plastic toolbox
- Flashing LED front and rear strobe lights
- 12 x fall restraint ratchet straps
- LCD 5.6" screen and colour reversing camera
- Rear access ladder and walkway over crane

Crane Details:

The vehicle is fitted with a Palfinger BM26 crane.

Lifting Capacity:

- 1,620 kg @ 7.9 m
- 2,200 kg @ 6.0 m
- 3,350 kg @ 4.0 m

Lifting moment: 142.4 kNm (14.5 m)

Slewing range: 420°

Classification: EN12999:2011

Crane painted in traffic light red RAL3020. Outriggers with hydraulic extension including 2 hydraulic jacks, width 6.6 m (R3X) with tilt-able footplate. HPSC-E full stability monitoring system.

See list of additional items on following page.



Additional Crane Items:

- ABSTW outrigger not stowed warning
- BEL illuminated control panel and warning lights on stabilisers
- Pilot operated check valves on stabiliser cylinders
- Box level on each side of crane
- 6 function radio remote control Palfinger/Danfoss with linear control levers (joystick levers on request) with double acting hydraulic cylinders.
- Load hold valve on inner/outer boom cylinder and on extension boom cylinder with return oil utilisation
- Crane accessories comprising load hook, fixing attachments and 140 L chassis mounted hydraulic oil tank with return filter
- High pressure filter Paltronic 50 rated capacity indicator with overload protection and emergency cut off
- GAS01 RPM control from RRC handset
- MOT01/02 stop only and start on request assuring chassis configured to suit
- LICHT work light on/off with 2 x work lights
- UMSCH2 switch crane/stabilisers
- Hour counter and horizontal boom
- KZS01 protection guard on outer boom cylinder
- PPT01 display on the valve block side - salamander (frog display).

Please note it is critical that you check T H White T&Cs with regard to their crane testing policy. If you do not check then it is possible you will lose your 2nd year warranty.

