



KEL-BERG
STEEL TIPPER

DAF XDC 450 8X4 KEL-BERG
STEEL TIPPER INSTALLATION

Make / Model:

DAF XDC 450 FAD 8x4 Rigid Chassis

Driveline:

Fitted with 10.8 litre, multi-torque 6 cylinder Euro 6 MX-11 diesel engine.

- Outputs 330 kW (449 hp) at 1,600 rpm
- Max Torque 2,350 Nm at 900 – 1,125 rpm

Fitted with automatic TraXon 12 speed 12TX2610 overdrive gearbox, ASR (anti-slip regulation), Eco performance, rear driven axle mechanical differential lock. Engine idle shutdown after 5 minutes idle time.

- Gear ratio 12.92 – 0.77
- Axle ratio 3.73

Cab External Features:

- New 2023 aerodynamic cab.
- DAF Digital Vision System - Foldable camera above cab doors with two displays mounted to inside cab.
- Midnight blue translucent external sun visor.
- Large curved front windscreen.
- Double glazed window in cab rear wall.
- Passenger lower door window of tempered single layer safety glass.
- Cab entrance step with anti-slip tread. 3 steps.
- Central door locking system with light checker function. Includes 2 keys.



- LED head lights with impact resistant Lexan lens and levelling device.
- LED day time running lights integrated into headlight units.
- LED head and bumper mounted fog lights.
- Maintenance free 4-point mechanical cab suspension with integrated shock absorbers.
- Steel front underrun protection.
- Steel three piece bumper.
- Radiator protection plate.

Colour:

- | | |
|-------------------|---------------|
| • Cab | E1980WHITE |
| • Camera housing | Crystal White |
| • Head lamp panel | Crystal White |
| • Chassis | Grey |
| • Bumper finished | Grey |
| • Grille strips | Black |

Chassis:

Wheelbase is 5,700 mm with 1,650 mm overhang. Chassis is 310 mm x 6 mm steel with full length reinforcement. Horizontal exhaust discharge at the side of DPF/SCR unit low exhaust diffuser. Exhaust discharged to right hand side.

EAS unit behind 2nd front axle on right hand side. Horizontal battery box with 45 L AdBlue tank below at left side of the chassis.



Fitted with 340 L aluminium fuel tank on left hand side.

- Rear underrun protection
- Rear lights LED
- Steel air tanks

Safety & Security

- Speed limit recognition informs the driver of the maximum permitted speed, using map-based information and traffic sign recognition via a camera at the front of the vehicle.
- Drowsiness detection assesses the driver's alertness through vehicle systems analysis and warns the driver, when deemed necessary. Midnight blue translucent external sun visor.
- Drive-off assist informs the driver of vulnerable road users in the front bumper area and, if applicable, warns the driver to prevent collision.
- Safety system that detects and informs the driver of a moving object near the co-driver's side of the vehicle. This also supports the driver to prevent collisions with other road users when changing lanes.
- Preparation for alcohol interlock system.
- Compliant with UN Regulation R155, concerning cyber security management systems, and UN Regulation R156 concerning software update management systems.



Cab Interior:

Cab interior has hexagon decoration with light trim colour on roof and roof console. Panels and below dashboard are grey. Accents are facet black. The dashboard descends towards front windscreen to create more vision with plane finish. Dashboard has extractable table on top of centre console. Centre console has open storage compartment also. 2 x 12V/5A dashboard power supply and 1 USB-A connections.

Driver seat is air suspended, high backed, with armrests and black seat belts. Passenger seat is foldable. Pull down roller blind on driver side. Windows are electric. Interior lighting is LED with dimmable red night driving light and separate spot lights for driver and passenger. Equipped with cruise control. Fitted with leather steering wheel. Includes audible reverse warning system with override switch, and basic engine immobiliser.

Cab is climate control, regulating temperature, air distribution and air conditioning. Fitted with residual heat pump.

Fitted with digital (smart) VDO DTCO tachograph with Global Navigation satellite System (GNSS) receiver and dedicated short-range 2nd axle of communications (DSRC) unit. DAF Luxury Plus Infotainment System – additional 10.1 inch touch screen display with audio and infotainment functionality.

An FM/DAB/DAB+ radio is integrated in the system as well as streaming functionalities via USB and Bluetooth.

Luxury speaker system – two bass speakers, two tweeters and full range frequency speaker.

Driver performance assistant (DPA) information is shown on 5" colour TFT display in instrument panel



Braking System:

Features ventilated disc brakes front and rear. Dual circuit air system with electronic control (EBS). Twin cylinder air compressor with heated dryer and economy mode. Fitted with MX engine brake – hydraulically operated compression brake assembly integrated in the valve rocker group. Works simultaneously with the exhaust brake.

Electro-pneumatic park brake with auto apply functionality when the driver's door is open and ignition is off. Spring brake cylinder on the 2nd axle of the rear tandem axle.

Electrical Power Supply:

Alternator 110 A, Batteries 2 X 175 aH

Axles & Suspension:

Front axle 167N, 20 mm vertical offset. Parabolic leaf suspension with shock absorbers and stabiliser - Max load 2x 7.1 ton.

Rear spring max load 19.0 t. Brake system designed load 19.0 t.

Double driven rear tandem axles type SR1132T with single reduction and trapezium leaf suspension. Mechanical cross-axle and inter-axle differential locks. Max group load 19.0 tonnes

Power Take Off (PTO):

First gearbox PTO type NH/4c mounted below gearbox counter shaft. Gear ration 27/30, direct pump drive.

GVC & GCM:

Chassis weight related technical GVM max 32,000 kg
Driveline related max GCM 35,500 kg class 2

Warranty:

2 year warranty on chassis and 3rd year on driveline. This takes care of all warrantable repairs on the vehicle for two years and on the driveline for a third year together with associated 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 Construction:

The body is constructed with durable and hard wearing pressed abrasive resistant steel, suitable for muck-away, demolition rubble and aggregate.

The sides are fixed and pressed from 4 mm abrasive resistant steel, along with heavy duty top rails which are folded from the same steel; giving the body exceptional strength.

The floor is a single 5 mm steel sheet with angled edges to the side wall, preventing material from sticking.

The bulkhead and top swing tailgate are also single 4 mm skin pressed abrasive resistant steel material. The bulkhead also features two vertical C channels along with two lateral tie bars.

A 500 mm bolt on galvanised cab guard is fitted, which incorporates space for roller sheet bar and sheet motor.

Four tab heavy duty bolt on locking bar 50 mm, steel cover plate over bar to stop stones becoming trapped. Rear pillars 100x190 mm box section (auto locking available).

Rear wings are N3G steel valance with drop down bolt on galvanised wings with smooth mud flaps, easily changed if damaged.



Paint:

Prior to fitting, the body is shot blasted and finished in a two pack paint, single flat colour, in RAL code. This comes with a two year anti-corrosion warranty.

Auxiliary Items Included:

2 x galvanised handrails fitted O/S of body near rear axle, body raised warning with in cab light and buzzer, conspic markings fitted to conform with current C & U regulations, side guards fitted to both side of the vehicle on galvanised brackets.

Galvanised parts:

- Shovel rack mounted on front bulkhead.
- Bolt on rear push bar.
- Rear under run bumper.

Tipping Gear:

Tipping gear is an EDBRO CS15 front end tipping gear with integral tank. RAM and tank are finished with top coat of paint, same colour as chassis. A control lever is mounted in the cab, on engine tunnel.

Electrics:

LED side marker lights mounted below bottom rail. Truck manufacturers rear lights to be used and fitted with galvanised bolt on light brackets. Rear LED marker lights fitted to tailgate. Body raised warning with in cab light and buzzer.



Warranty:

Tipping body: 3 years

PTO + Tipping Gear: 3 years

Body paint: 2 years

Third party components subject to their parties T&Cs (available on request).