



DAF VEH. INDUSTRIALES S.A.U.



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XFC 480 FAD 8X4 Rígido Tipper Meiller 824090

Detailed Specification XFC 480 FAD 8X4 Rígido Tipper Meiller 824090

APPLICATION PACKAGES

- **Option for universal hardwired controlled functionality between chassis and tipper body with predetermined specification of options, parameter settings and electrical interface. It includes a NH/4c gearbox PTO. The option can be used for most tipper bodies. For detailed information please consult DAF BBI+.**

CAB EXTERIOR

- **Translucent external sun visor above the windscreen, colour: Midnight blue.**
- **Flexible first cab entrance step with anti-slip tread.**
- Luxurious Day Cab with unrivalled aerodynamics for fuel efficient driving and low CO2 emissions. The huge and deep frontscreen, curved at the sides combined with large side windows offer an unsurpassed direct view for the driver, to enhance road safety. Cab length: 2030 mm; cab width: 2500 mm. Number of cab entrance steps: 3.
- Camera at the rear of the vehicle for rear view. Camera images will be shown on the additional display in the dashboard wing belonging to the DAF Infotainment System: Luxury, Luxury Plus or Exclusive.
- Chassis front execution: robust provides for a three-piece steel protruding bumper with integrated fog lights, a radiator protection plate, a steel front underrun protection and black grille strips.
- Maintenance free 4-point mechanical cab suspension with integrated shock absorbers.
- LED head and bumper mounted fog lights.
- Bi-reflector LED head lights with impact-resistant Lexan lens.
- Head light beam for right-hand traffic.
- LED day time running lights are integrated in the head light units. They are ON when the engine is running.
- Black door handle and door handle surround. The sleek cab side wall is executed in cab colour.
- Front windscreen of laminated, double layer safety glass.
- Tempered, single layer safety glass.
- Main mirror and wide angle mirror.
- Front view mirror to comply with EC directive 2003/97/EC for frontal field of view.
- Central door lock system with exterior light check function. Includes 1 remote control unit with integrated snake blade key with flip mechanism.

COLOURS

- Cab colour: E1980WHTE
- Colour of lower cab step: Stone Grey.
- Colour of mirror covers: black.
- Chassis colour grey.

- Colour of head lamp panel: Crystal White.
- Colour of bumper: grey.

CAB INTERIOR

- Polypropylene door covering.
- **Arm rest on the driver seat.**
- Automatic Temperature Control (ATC) and air conditioning. ATC automatically maintains the cab temperature that has been selected by the driver.
- **Cab wallcovering PVC vinyl.**
- Left-hand drive.
- Black steering wheel with soft grip finish.
- Cab interior trim colour: Luxury consists of a light interior trim colour on roof and roof console. Door panels and the part below the dashboard are grey.
- Dashboard finish: Vision - The dashboard descends towards the front screen to create more direct view on the road. The centre part has a plane finish, which can be used for various purposes.
- Cab interior decoration: Hexagon. Accents will be in facet black.
- Air suspended driver seat: Comfort air. High backed seat. Upholstery Habsburg for the seat facing, Corvinus for the borders and Habsburg Uni for the edges.
- The driver seat is fixed to the cab floor.
- Foldable cinema co-driver seat. Cover material: fabric.
- The co-driver seat is fixed to the cab floor.
- Seat belts black.
- Open storage compartment in the centre console.
- The cab interior lighting comprises a.o. two large bulb light units in the cab ceiling, offering flood light to light the whole cab, dimmable red night driving light and a driver spot light.
- Pollen filter with activated carbon to eliminate traffic and engine blow-by gasses and odours. Effectiveness 85% for particles up to 0.5 micron and 98% for particles up to 10 micron.
- Electric window openers.
- Accessory power supply on the dashboard: 2x 12V/5A and one USB-A connection in the small storage compartment in the centre console.

COMMUNICATION AND DRIVING MANAGEMENT

- **Speed limiter setting for cruise control/accelerator pedal: 90 km/h.**
- Wiring and connectors near the Fuse and Relay Board, for easy installing of a universal FMS (Fleet Management System) system, to read information as defined in the truck manufacturers' FMS standard.
- 10 year subscription for PACCAR Connect. PACCAR Connect is an online fleet management system giving insight in relevant truck, driver and location information.
- Digital (smart) tachograph Stoneridge SE5000 Connekt with Global Navigation Satellite System (GNSS) receiver and Dedicated short-range communications (DSRC) unit, compliant to EU Mobility package 1 as described in the EU tachograph regulations.

- DAF Infotainment System: Luxury - includes an additional 10.1 inch touch display and control buttons in the dashboard wing. FM/DAB/DAB+ radio is integrated in the system as well as streaming functionalities via USB and Bluetooth including phone capabilities. Supports Apple CarPlay and Android Auto projection on secondary display. The Luxury speaker system consists of five speakers: two bass speakers in the door panels (one in each door), two tweeters on the A-pillar and a full-range frequency speaker at the centre of the dashboard.
- Standard antennas: FM/DAB/DAB+ radio frequencies, 2x cellular for use by mobile phones, GNSS for location purposes.
- Adaptive Cruise Control (ACC). Includes Forward Collision Warning (FCW) function.
- Driver Performance Assistant (DPA). Interactive programme to support the driver in achieving the most cost effective driving style. The DPA information is shown on the 5 inch full colour TFT display in the instrument panel.

SAFETY AND SECURITY

- **Acoustic reverse warning with override switch.**
- 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.
- DAF drowsiness detection assesses the driver's alertness through vehicle systems analysis and warns the driver, when deemed necessary.
- Drive-off Assist informs the driver of vulnerable road users in the front bumper area and, if applicable, warns the driver to prevent collision.
- Lane Departure Warning System to prevent inadvertent lane changes due to driver's fatigue or distraction and to form an effective driving aid in low visibility conditions.
- Basic engine immobiliser.
- Safety system that detects and informs the driver of a moving object near the co-driver's side of the vehicle. The system also supports the driver to prevent collisions with other road users when changing lane.
- Preparation for an alcohol interlock system, consisting of a standardised interface (connector) for breathalysers in vehicles.
- The vehicle supplied by DAF is compliant with UN Regulation R155 concerning cyber security management systems as well as UN Regulation R156 concerning software update management systems.

SUSPENSION AND AXLES

- **Rear spring load max. 26.0 t, brake system design load 26.0 t.**
- **Double driven rear tandem axles type HR1670T with hub reduction and trapezium leaf suspension. Mechanical cross-axle and inter-axle differential locks. Max. group load 26.0 tonnes.**
- Front axle type 167N, 20 mm vertical offset. Parabolic leaf suspension with shock absorbers and stabiliser. Max. load 2x 8.0 tonnes.
- Front suspension leaf, extra high driving conditions.

WHEELS AND TYRES

- **Front axles:** tyre size 315/80R22.5, Goodyear type KMAXS2, load index 156/150, speed index L, application Steering - Regional. Tyre label: rolling resistance C - wet grip B - noise 71dB(A), Category A.
- **Driven rear axles:** tyre size 315/80R22.5, Goodyear type KMAXD2, load index 156/150, speed index L, application Traction - Regional. Tyre label: rolling resistance D - wet grip C - noise 72dB(A), Category A.
- Tyre pressure monitoring.
- Front axle(s): tyre size 315/80R22.5, wheel size 22.5 x 9.00.
- Driven rear axle(s): tyre size 315/80R22.5, wheel size 22.5 x 9.00.
- Supplier Goodyear.
- Steel disc wheels, silvergrey.
- Wheel protection rings with open centre section, colour silver-grey (RAL 9006).
- Spare wheel tyre not applicable.

DRIVELINE

- **Engine MX-13, multi torque 6 cylinder diesel engine, 12.9 litres. Output 355 kW (483 hp) at 1600 rpm. Maximum torque 2500 Nm at 900-1125 rpm.**
- **Eco performance:** the shift strategy control settings of a vehicle with Eco performance focus on fuel efficiency and driveability. The fuel efficient setting, which is automatically selected, can temporarily be switched off by pushing the Eco off button to increase the performance of the vehicle.
- **Automated gearbox software optimised for off-road applications including Rock-free function. Selection switches on the dashboard for on-road or off-road driving as well as for the Rock-free function.**
- Exhaust emission Euro 6.
- Engine idle shutdown, after idling 5 minutes.
- Automated gearbox, TraXon, 12 speeds.
- Automated overdrive gearbox TraXon 12TX2610, ratio 12.92-0.77, 12 speeds.
- Manoeuvring mode for maximum control: if selected, the driveline is gradually engaged, proportionally to the operation of the accelerator pedal.
- Rear axle ratio 3.46.
- Driven rear axle with a mechanical differential lock.
- The ASR (anti-slip regulation) system prevents the driven wheels from slipping when accelerating at driving off and helps the vehicle to remain stable on critical road surfaces.

BRAKE SYSTEM

- **MX Engine Brake.** Hydraulically operated compression brake assembly integrated in the valve rocker group. The MX Engine Brake works simultaneously with the exhaust brake, resulting in a high combined braking power available at low engine rpm.
- Spring brake cylinder on both axles of the rear tandem axle.

- Pneumatic park brake control.
- Twin cylinder air compressor with heated dryer and economy mode.
- Ventilated disc brakes at front, rear tandem axle with drum brakes. Dual circuit air system with electronic control (EBS).

CHASSIS

- **Wheelbase 5.70 m / rear overhang 1.65 m.**
- **Vertical exhaust discharge at the side of the DPF/SCR unit via an exhaust duct with vertical tail pipe and diffuser behind the cab.**
- **340 litres aluminium fuel tank at the left-hand side, height 505 mm.**
- **Side member height 310 mm, thickness 8.5 mm. Full length inner reinforcement.**
- **Robust rear light brackets with license plate holder. The rear light is protected from falling debris by a strong, steel guard.**
- **Preparation for worklamp at the rear.**
- **Exhaust discharge upward.**
- Standard location of chassis components.
- EAS unit at the right-hand side of the chassis, horizontal battery box and 45 litres tank for AdBlue® below battery box at the left-hand side.
- Air tanks steel.
- Fuel tank at the left-hand side of the chassis.
- Spray suppression in the mudguards, according to directive 91/226/EEC.
- Rear light unit with bulbs. The rear lights are ON when the engine is running.
- Rear mudguards on tandem.

DRAWBAR AND TRAILER EQUIPMENT

- Type plate related drawbar application, up to the maximum allowable GCM.
- Drawbar cross member D-value 137 kN, Dc-value 92 kN, V-value 40 kN.
- Pneumatic trailer connection with palm type couplings.
- Electric trailer connection 24 V with two 7-pin sockets. An additional 7-pin socket is mounted to connect the EBS system of the (semi-)trailer.

BODIES AND PREPARATIONS FOR BODYING

- **Loose supply of a wiring loom with LED-type side marker lights.**
- **Preparation to facilitate the installation of pneumatic control valves in the cab for the operation of, among others, tippers.**
- **Hardwired body signals and warnings.**
- **Connector for hardwired engine speed control on the chassis (A222). Control functions for engine speed adjustment, programmed engine speed selection, application speed limiter and remote engine start/stop.**

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- **Preparation for aftermarket switches, providing an application connector in the chassis (A212) and a wiring loom between this application connector and the chassis module rear.**
- **Application connector (A212), providing extra flexibility for body related functions by allowing default pinning to be altered via DAVIE.**
- **Body attachment BAM 3, with consoles type A.**
- **Application connector necessary to support a Plug & Play application package, allowing easy installation of a superstructure on a DAF chassis.**
- Additional light connector in the chassis.
- Chassis frame prepared for standard applications.

POWER TAKE-OFF (PTO)

- **First gearbox PTO type NH/4c, mounted at the right-hand side of the gearbox countershaft. Gear ratio 27/30, direct pump drive.**

24V POWER SUPPLY

- **Alternator 110 A, batteries 2x 230 Ah.**

GVM AND GCM

- **Chassis weight related technical GVM max. 40000 kg.**
- Drawbar/coupling related max GCM 56.000 kg.
- Driveline related max GCM 58000 kg class 2.

APPLICATION CONDITIONS

- **Cyclonic air intake high.**
- **Shield beneath the radiator to prevent the disturbance of dust by the cooling fan.**
- Application class 0 comprises Western-Europe excluding United Kingdom and Ireland.
- Standard noise level.
- Cab insulation suited for moderate climate conditions (weather patterns remain within reasonable limits).
- Maximum ambient temperature 38 degrees.
- On-engine heated fuel pre-filter with water separator.

SERVICE AND MAINTENANCE

- **Warranty Plus - Driveline, takes care of 1 year complete vehicle as supplied by the OEM (excl. real wear parts), 2nd and 3rd year driveline up to 300,000 km and 1st year breakdown.**
- ITS service.
- Service interval standard.

VEHICLE DELIVERY

- Whole Vehicle Type Approval (WVTA) for European Union.

- Type plate standard.
- CoC document printed in Spanish (ES) language.
- Minimum toolkit consisting of a 750 mm control lever, a 30/32 mm wheel nut wrench, an approximately 800 mm long torque pipe, a T20 and T30/T45 torx screw wrench and a towing coupling with pintle pin.
- CO2 calculation is possible in TOPEC RTS.

BODY

MEILLER Tipping Body P436 18 m³

- Tipping body: semi-round three-piece body made of highly abrasion-resistant steel, sloped front wall and rear door, side walls with a robust upper edge, rounded and sloping inward, beveled front corners to improve material discharge, front wall raised by 150 mm with side wall lower than 1,700 mm, front and side walls elevated from a side wall height of 1,700 mm, scissor-type rollover stabilizer, abrasion-resistant rubber composite supports and impact dampers, adjustable front supports.
- MEILLER hydraulic system: oil reservoir, useful volume of 60 liters, service pressure of 275 bar, tipping valve.
- Volume: 18 m³.
- Length of the tipping body: 6,100 mm.
- Width of the tipping body: 2,300 mm.
- Height of the side wall: 1,400 mm.
- Exterior sloped rear door with pendular suspension and claw closure (S1).
- Rotation of the rear door at the level of the side wall.
- Floor: 8 mm HBW 450 (Hardox® 450 or equivalent material).
- Front wall: 5 mm HBW 400 (Hardox® 400 or equivalent material), side walls: 5 mm HBW 450 (Hardox® 450 or equivalent material), rear door: 5 mm HBW 400 (Hardox® 400 or equivalent material).
- Cabin protector up to the upper edge of the driver's cab (omitted in the case of the sliding tarpaulin).
- Preparation for heating the tipping body.
- Preparation for spare wheel support on the left and right sides of the front wall.
- Interior ladder.
- Preparation for ladders on the left and right sides of the front wall.
- Ladder with a foldable bottom on the left side of the front wall, in accordance with accident prevention laws (German UVV regulation).
- Preparation for side protection flaps.
- Bolted steel side protection flaps.
- Tarpaulin hooks.
- CE declaration of conformity.
- 1-year warranty excluding annual inspections (inspections according to German UVV regulations).





