

NEW GENERATION DAF

# Powering your Success



The power of applications - concrete mixers

A PACCAR COMPANY DRIVEN BY QUALITY

**DAF**





## The XDC, XFC, and XBC: Styled for off-road use

Designed specifically for off-road construction applications, the New Generation DAF XDC and XFC feature a 3-piece robust steel front bumper, radiator protection, integrated fog lights, and a higher ground clearance. The XDC and XFC are available in FA 4x2, FAT 6x4 and FAD 8x4 rigid configurations, and are categorised as N3G.

The N3 DAF XD and XF can be specified in the broadest range of single and double drive configurations, including the FAW 8x4 tridem which enables tight site access with exceptional manoeuvrability, together with the robust front chassis execution, which features a 3-piece robust steel front bumper, radiator protection and integrated fog lights together with front under run protection, for the optimum balance between on-road safety and off-road performance.

The DAF XBC, available as a 4x2, is at home on or off-road with high ground clearance, sturdy front bumper, and a radiator guard making it ideal for a 4m<sup>3</sup> capacity mixer.



## Easy access to the perfect driving environment

Concrete mixer drivers are in and out of their cabs maybe 40 times a day, so easy cab access is essential. And once aboard, the New Generation DAF offers unrivalled ergonomics, space and comfort. Whether it's a practical day cab or a sumptuous sleeper, there is a cab variant for every application.



All types come with a lightweight vehicle chassis and robust cab structure, and deliver a high payload and maximum uptime.

Optimised drivelines ensure the smoothest ride even on rough terrain.

- Superb traction on difficult terrain
- Low kerb weight for maximum payload
- High front approach angle and ground clearance



# Unmatched safety – best in class direct vision

New Generation DAF trucks for construction and municipal applications offer unmatched safety for road users, drivers, and co-drivers. The panoramic windscreen and large side windows combine to provide an ultra-low window belt line, which with the vision dashboard and optional kerb view window and fold up passenger seat, make the latest models best-in-class for direct vision.

There is a whole range of smart active safety and passive safety functions already built in, plus a highly robust cab structure to protect drivers.

## Enhanced direct and indirect view

Direct vision is further enhanced by superb-quality rear-view mirrors that perfectly balance vision, aerodynamics, styling, and noise. Their smart, lean mirror housing increases direct view and minimises blind spots.

Adding the DAF Corner View camera removes blind spots on the front and co-driver side entirely, and the display is mounted logically on the co-driver front corner pillar.

For an optimum indirect view, the DAF Digital Vision System (DVS) offers the ultimate solution. DVS replaces the main and wide-angle mirrors with retractable cameras that enable auto panning. Mounted high on the cab, they provide a perfect (wide-angle) view in all weather conditions using ergonomically positioned monitors. The ideal setup for safe cornering and easy manoeuvring on busy building sites and in the heavy traffic of urban environments.



Compliance with London's Direction Vision Standard requirements is straightforward with DAF models, including the high ground clearance FAD XDC 8x4, configurable to meet and even exceed 3-stars. Standard ADAS (Advanced Driver Assistance Systems) meet Progressive Safe System requirements.

These latest additional safety features include DAF Drive-off Assist, DAF Side & Turn Assist, a rear view camera, speed limit recognition, DAF Drowsiness Detection, tyre pressure monitoring, alcohol interlock preparation and an event data recorder. A left turn audible warning can also be specified.





# Configured to your precise requirements

## Emission Aftertreatment System variants

The EAS forms the biggest part of the exhaust system. It is normally mounted on the chassis, just behind the cab. DAF offers a number of variants, like moving the EAS to the other side of the second steered front axle, rather than between the first and second axles. This gives more room for crane support legs in the front. Or there is an installation with a vertical discharge tailpipe.



## Heavy-duty air intake for cleaner air

Construction vehicles frequently operate in extremely dusty environments. The off-road models can be provided with a heavy-duty air intake behind the cab. This ensures that a flow of clean air reaches the air filter and engine.

## Plug & Play for a perfect fit

The result of our strengthened collaboration with bodybuilders is a seamless process, where the desired specification is just one click away. Full interaction with the body via the dashboard controls and a wide range of informative symbols on the truck's digital display, all add up to a simplified process, superb integrated functionality, and the guaranteed delivery of a perfectly configured truck.

## Signals and warnings

The trucks contain eight integrated and fully customisable warning slots that enable a bodybuilder to add customised text to them. Any warning from the body is thus shown in exactly the same way as a warning from the truck. This eases operation for the driver.



# Powerful engines pack a punch

Our PACCAR MX-11 and MX-13 engines feature a string of innovations for unequalled efficiency. Multi-torque PACCAR MX-11 and MX-13 engines generally deliver 50 to 100 Nm more torque in top gear. The top rated 390 kW/530 hp variant delivers 2,550 Nm in each gear and 2,700 Nm in top gear. The turbocharger enables further down-speeding, with maximum torque available from just 900 rpm. An enhanced MX engine brake delivers more braking power and at lower revs.

## TraXon automated gearbox for fast gear changes

While all New Generation DAF diesel vehicles are equipped with a TraXon automated gearbox as standard, the dedicated construction models feature a special off-road mode for optimum shifting performance on challenging terrain.

Gear changes are extremely quick and at high engine speeds to maintain momentum over the most challenging of heavy or hilly terrains. Ultra-fast gear changes and a special shift strategy keep the vehicle moving in the most challenging conditions.

## Leave slippery conditions behind

Two specific features available on DAF models are ASR Off and Rock Free. These make it much easier to move off in slippery conditions. Rock Free mode is an optional function available to all DAF vehicles equipped with off-road software. The function enables the truck to move backwards and forwards to create momentum and swing the vehicle free on the rare occasions it gets stuck.

The Rock Free function is activated by a switch on the dashboard.

## Alternative fuels

Alternative fuels reduce Well-to-Wheel CO<sub>2</sub> emissions by up to 90%. Using alternative fuels can offer financial benefits and provide access to low emission zones.

- All DAF vehicles run on HVO.
- B100 requires the PACCAR MX-13 480 B100 engine.



## Performance in all areas

- MX-11 and MX-13 engines. High performance; maximum payload
- More power and torque across the range.
- 12 speed automated TraXon gearbox with specially developed on/off-road and rock-free software. Enhanced control with faster shifting

## Dedicated FAD 8x4 mixer models

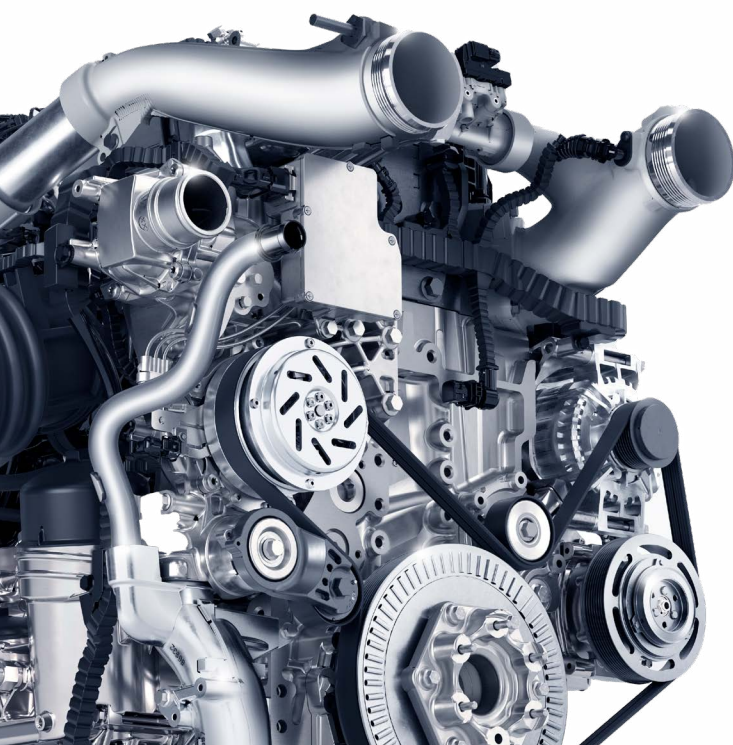
- Low tare weight offers 8m<sup>3</sup> concrete capacity
- Standard MX engine PTO
- Application specific chassis design

## Maximum carrying capacity

- Lowest chassis weight in its class; no compromise on strength
- Chassis packaging to suit all applications
- Optional high capacity 2 x 8.5t front axles and hub-reduction rear axles, for specialist and drawbar capability.

## FAW for manoeuvrability

- XD and XF FAW variants
- FAW 8x4 tridem combines manoeuvrability, traction and payload
- Up to 5 star Direct Vision Standard





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