

## XF XG XG+

#### THE NEW STANDARD

When it comes to long distance and international transport, the New Generation XF clearly sets the standard. With advanced aerodynamics, unbeatable fuel efficiency and the lowest CO<sub>2</sub> emissions. It raises the bar in safety with features like industry-leading Direct Vision. And it cuts operating costs significantly, with service intervals of just once-a-year.

#### A LEAGUE OF ITS OWN

The New Generation DAF XG creates a new top-market segment: it's the first-ever truck to exploit new EU regulations on masses & dimensions. The elongated cab offers unmatched space and superior comfort – ideal for journeys of extended duration. And it has the best fuel economy in the market, thanks to optimal aerodynamic design and a supremely efficient driveline.

#### THE NEW FLAGSHIP

The New Generation XG+ is DAF's flagship model. The absolute pinnacle of comfort and luxury in the transport industry. It takes spaciousness to the next level, offering unsurpassed standing height. And comes with the best options in terms of extra comfort, styling and multimedia. Setting new standards of safety for drivers and other road users, it outperforms every truck on the market.

1 Design

**EFFICIENCY** 

SAFETY

DRIVER COMFORT

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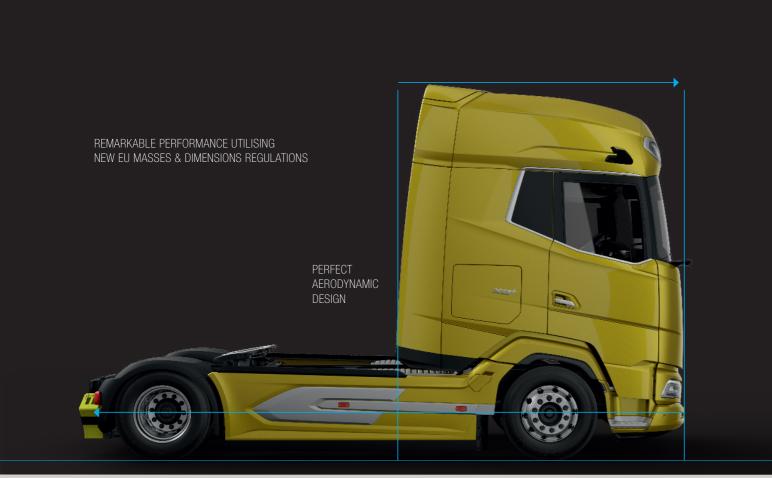
Groundbreaking innovation

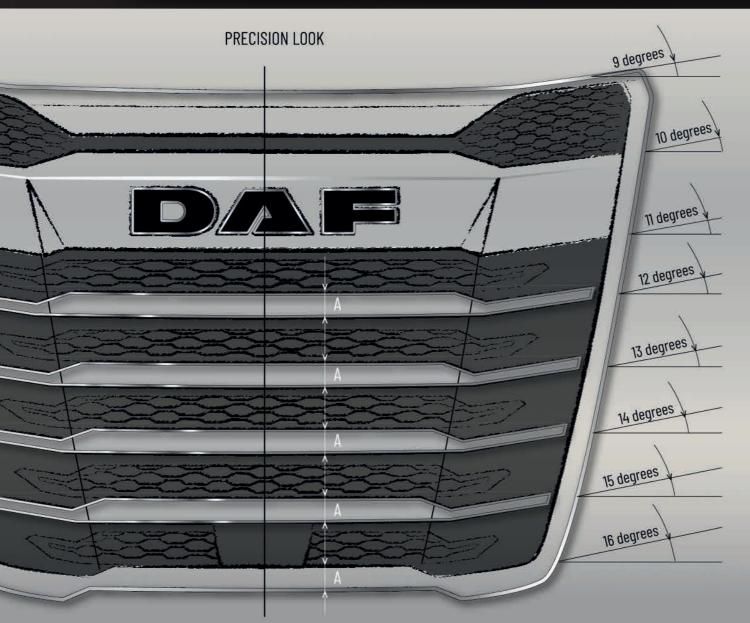












# When dimensions are given space, something unique is born

New Generation DAF trucks are the first ever in the industry to make use of the new EU regulations on masses and dimensions. Our elongated cab delivers exceptional aerodynamics and reduced  $\mathrm{CO}_2$  emissions. The new cab also delivers an outstanding and much larger field of vision, for unmatched safety. What's more, the extra length has allowed us to create a superbly spacious interior for drivers to work, relax and sleep in.

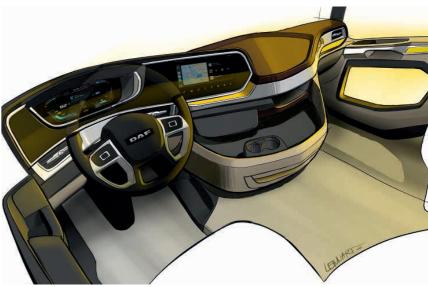
This new design freedom has enabled us to craft a streamlined cab that doesn't compromise on superb aerodynamics, crisp styling or stunning design. The elegant grille, high-quality LED lighting and robust appearance all combine to deliver an exterior that looks refined and ahead of its time.



"We designed a line-up that's totally ready for tomorrow's world."

"New Generation DAF trucks are the result of the biggest design project ever undertaken in our history. The aim was to make Europe's most desirable trucks. It works."

BART VAN LOTRINGEN SENIOR DIRECTOR STYLING AND DESIGN





# Unequalled efficiency

We've developed an entirely new cab that is both stylish and extremely aerodynamic. Designed from the ground up, we have exploited the new masses & dimensions regulations to the full. Optimising every possible detail of the engine, transmission and rear axles, to secure amazing driveline efficiency. We upgraded cooling and air management, while cutting back vehicle weight. Together, these enhancements contribute to an exemplary gain in fuel efficiency of 10%\*.

0.4% SMART CONTROLS

0.3%

0.4% DRIVELINE & BRAKES

2.6% engine & AFTERTREATMENT SYSTEM

0.2% COOLING & AIR INTAKE

## Exceptional aerodynamics

Aerodynamic performance is a cornerstone of the New Generation DAF. Following extensive simulations and road tests, the optimal design includes a range of new aerodynamic features. These result in extremely low air drag by guiding wind around, through and under the truck. All these features produce a 19% improvement in aerodynamic performance, which boosts your fuel efficiency and your bottom line.

### **EXTENSIVELY CURVED** WINDSCREEN

Introducing an industry first: a highly curved windscreen. Combining best vision lines with best aerodynamics.

### ELONGATED CAB FRONT

The new masses & dimensions regulations enable an elongated cab design for excellent aerodynamic efficiency, along with an extremely spacious interior for supreme driver comfort.

#### AERO BOTTOM PLATE

DAF

The Aero Bottom Plate ensures an optimised airflow under the truck. This way the turbulance in the underflow is minimised for more aerodynamic efficiency.

### INNOVATIVE FRONT AND SIDE MIRRORS OR OPTIONAL CAMERAS

To maximise aerodynamic performance, you can choose for a camera monitoring system. Alternatively, we offer mirrors designed to minimise air drag and to improve safety while increasing direct view.

#### TAPERED CAB DESIGN

The cab is narrower at the front and wider at the back. This critical design feature contributes to excellent aerodynamic performance.

#### - AIR FENDERS

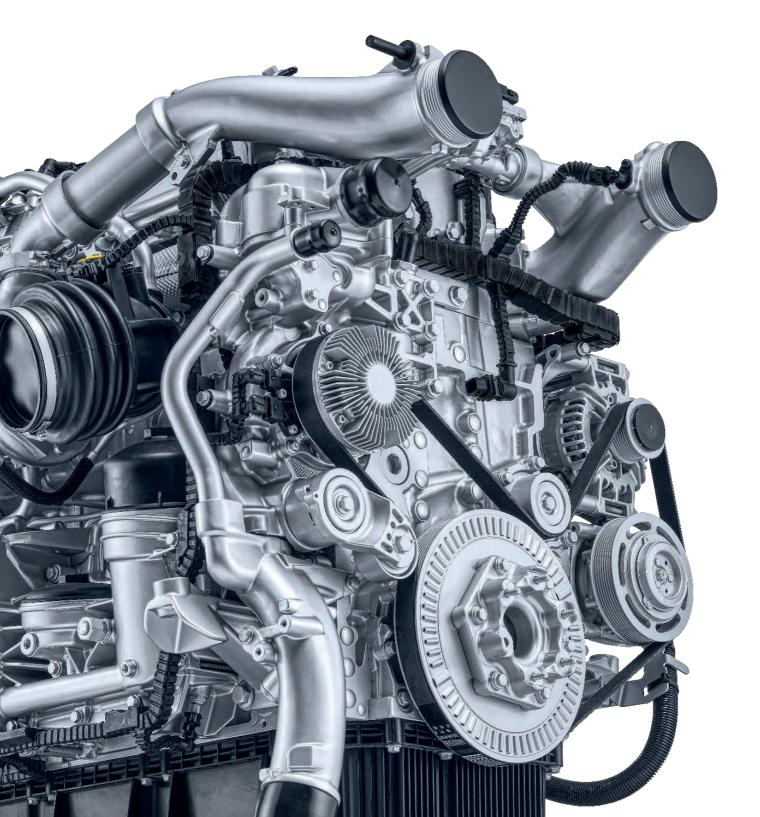
Concave shaped fenders and cab extenders for perfect fit to trailer. This improves aerodynamics and contributes to fuel efficiency and lower emissions.

### CLOSED WHEEL BAY COVERS

The closed wheel bay covers, combined with the unique roundings, reduce turbulence and increase aerodynamic efficiency.

### The next level in driveline performance

The PACCAR engines feature many innovations for unequalled efficiency. Most multitorque PACCAR MX-11 and MX-13 engines deliver 50 to 100 Nm more torque in top gear. The top rated 390kW/530 hp variant delivers 2,550 Nm in each gear and 2,700 Nm in top gear, and a new turbocharger enables further downspeeding with maximum torque available from just 900 rpm. An enhanced MX engine brake delivers up to 20% more braking power and at lower revs.



### Air management

For the New Generation DAF a completely new air intake system was designed. It is based on a front air intake that leads the air directly and through the shortest route to the engine, with only minimal temperature and pressure drop. The combination with the new Full Face Charge Air Cooler guarantees maximum efficiency.

### Engine Aftertreatment System

The Engine Aftertreatment System (EAS) has a completely new design and routing. A newly designed exhaust-over-chassis helps to minimise heat loss between engine and EAS even further for maximum efficiency.

### Benchmark cooling system

The New Generation DAF XF, XG and XG+ trucks benefit from the best possible passive cooling. We've added next-level flow guides in the grille and cab-mounted encapsulation for excellent underhood aerodynamics. This ensures minimal fan engagement through optimal use of every kilogramme of air that enters the grille.

### New-generation transmissions

New Generation DAF trucks have TraXon automated gearboxes fitted as standard to deliver an efficient, environmentally-friendly driveline with great driveability. With the MX-13 engine, improved eco-performance mode and increased torque level make the truck a dream to drive, particularly with heavy-duty applications.

All these engine innovations result in industry-leading driving and braking performance, making these trucks a dream to drive.

#### Smart fuel controls

New features for smart fuel control have been added. These include third-generation Predictive Cruise Control and new EcoRoll functionalities that allow up to 93 km/h at the end of a descent. Optimised EcoRoll prevents unnecessary braking and resulting energy losses. In addition, Preview Downhill Speed Control, combined with the improved MX engine brake, removes the need for an Intarder, reducing overall vehicle weight and adding to your efficiency.

#### Enhanced rear axles

Every detail of the rear axles has been addressed to improve efficiency. Lower oil levels and new pinion bearings help reduce losses due to friction. The brakes are also lower in weight and more robust. The latest generation brake callipers are 3.5 kilogrammes lighter and new Active Calliper Release prevents further friction losses.

### Ready for the future

The New Generation DAF trucks represent a completely new and extremely energy efficient vehicle platform, fully prepared for future energy carriers like batteries and hydrogen, and future powertrains including e-motors, plug-in hybrids, fuel cells and hydrogen combustion engines. The vehicles' state-of-the-art diesel engines are clean and efficient and ready for the latest generations of bio fuels (including Gas-to-Liquid and HVO) as well as for renewable e-fuels to further decarbonize road transport.



## Superior safety

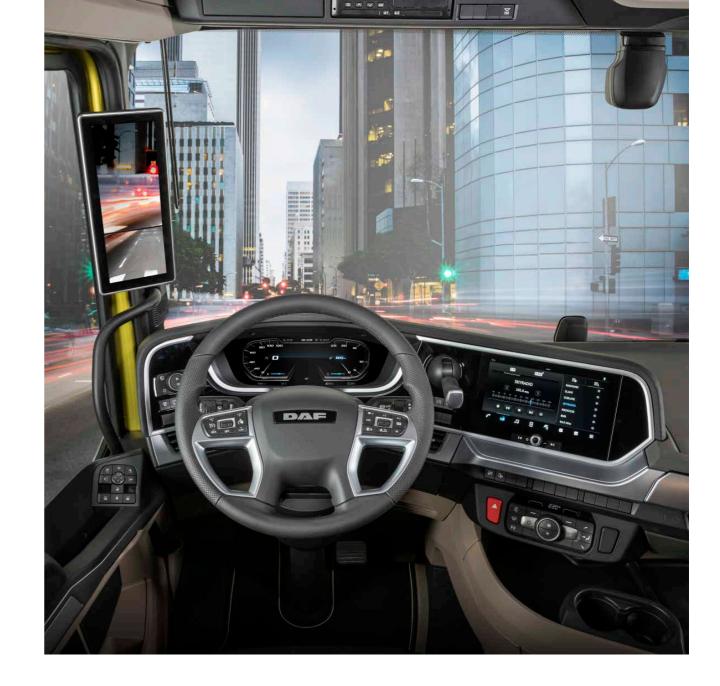
The New Generation XF, XG and XG<sup>+</sup> offer outstanding safety for drivers and co-drivers as well as other road users. Large windows, low window belt lines, and visibility features such as an extra window in the side wall, all help to set new standards for direct vision. And with a robust cab structure, class-leading ergonomics and smart features to make driving safer, our New Generation trucks make DAF the industry leader when it comes to safety.



Maximum direct vision

Optimum direct vision is a key feature of the New Generation XF, XG and XG<sup>+</sup>. Through smart design of the front bulkhead, the size of the front windscreen has been increased by an impressive 33% and the side windows each by 15%, setting a new industry benchmark for direct vision. To increase visibility on the passenger side there's an optional extra side window. Completely new side mirrors will achieve a perfect balance between vision, aerodynamics, styling and noise. The smart, lean mirror housing increases direct view and minimises blind spots. In addition, a large kerb view window in the vision door works with the fold-up co-driver seat to give the driver an unrestricted view towards the kerb.

The vision door introduces two new features. Firstly, the passenger side window can be lowered fully as it drops between the two panes of the kerb view window. Secondly, the kerb view window panes have been made accessible from inside the cab for easy cleaning.



Smart Human Machine Interface

DAF's philosophy is Hands on the Wheel, Eyes on the Road, when it comes to Human Machine Interface. That's why the primary driving functions of New Generation DAF trucks are operated from the steering wheel or column stalks. From direct driving functions to the digital display menu, to the TraXon gearbox and the audio and phone, everything is logically positioned at the driver's fingertips. Moreover, secondary driving functions are operated from physical switches and a touchscreen on the ergonomically laid out dashboard.



## Robust cab that leaves nothing to chance

With the New Generation trucks, DAF introduces the latest in cab strength technology with a robust cab structure that protects against impact on all sides. Uniquely, DAF has built energy-absorbing crash boxes in to the bulkhead, while the rear crash zones are fully integrated in the back of the cab to protect against moving loads. In addition, a programmed steering wheel movement reduces the impact on the driver, and the dashboard includes impact absorbing zones to protect the driver's knees.





FULL LED LIGHTING



PREDICTIVE CRUISE CONTROL



DAF DIGITAL VISION SYSTEM



DAF CORNER VIEW



ADAPTIVE CRUISE CONTROL



FORWARD COLLISION



ADVANCED EMERGENCY BRAKING SYSTEM



LANE DEPARTURE WARNING SYSTEM



TYRE PRESSURE MONITORING SYSTEM



PROGRAMMED CAB
DISPLACEMENT (PROCADIS)



LOW SPEED TRAILER BRAKE

The New Generation DAF XF, XG and XG+ trucks are equipped with our patented Programmed Cab Displacement System (ProCaDis). Introduced in our Euro 6 trucks, ProCaDis allows 40 cm cab displacement on the chassis during an accident, to prevent the cab detaching from the chassis. As a result, it maintains the cab structure and maximises the survival space for vehicle occupants.

### Digital mirrors for enhanced indirect view

With the DAF Digital Vision System (DDVS) you can replace the main and wide angle mirrors with retractable cameras mounted high on the cab to provide an optimal view in all weather conditions. Monitors are ergonomically positioned on the left and right side of the cab interior, and with features like auto panning, extrawide-angle view and defrosting, the DDVS makes for safe and easy manoeuvring.

#### DAF Corner View

When choosing the optional DAF Corner View the kerb and front view mirrors will be replaced. It provides a much bigger field of view, far exceeding the legally required coverage, and achieves a substantially better image than traditional mirrors. With a display logically placed on the co-driver front corner pillar, the DAF Corner View removes blind spots on the front and co-driver side of the vehicle, helping to improve roadside safety even further.

### Smart features for active safety

New Generation DAF trucks also include a whole range of functions to maximise active safety. These include Brake Assist, Lane Departure Warning System, Emergency Brake Lights and City Turn Assist. A new third-generation Advanced Emergency Braking System warns about a possible collision with both stationary and moving objects when travelling at speeds of up to 80 km/h. We've also added new features like the DAF Electronic Park Brake for smart park brake control, a Low Speed Trailer Brake for safe trailer coupling and uncoupling, and Park Brake Assist for additional park braking force to support the driver in a multitude of situations.





### Superb driver comfort

From the driveline to the suspension, from the cab interior to the seats and bunks, we've seized every opportunity to give you superb driver comfort. The result is the smoothest ride on the market combined with the best environment for driving, relaxing and sleeping.

### Outstanding driveability

Thanks to increased torque in top gear, the PACCAR MX-11 and MX-13 engines are not only extremely efficient, they also deliver superb driveability. In addition, the new TraXon gearbox makes manoeuvring much easier.

### Smoother than ever

The increased cab length takes advantage of a new front chassis design with higher torsional stiffness and a 38 kg weight reduction, both of which contribute to exceptional driver comfort. In addition, a new cab suspension with a new damper design helps reduce vibration in the driveline, seats and steering, boosting comfort even further.

The rear axle suspension has been optimised as well. New geometry and a new fifth wheel position result in an extended wheelbase for the New Generation XG and XG+, ensuring superior ride and handling, even on the worst road surfaces.

### Quiet, very quiet

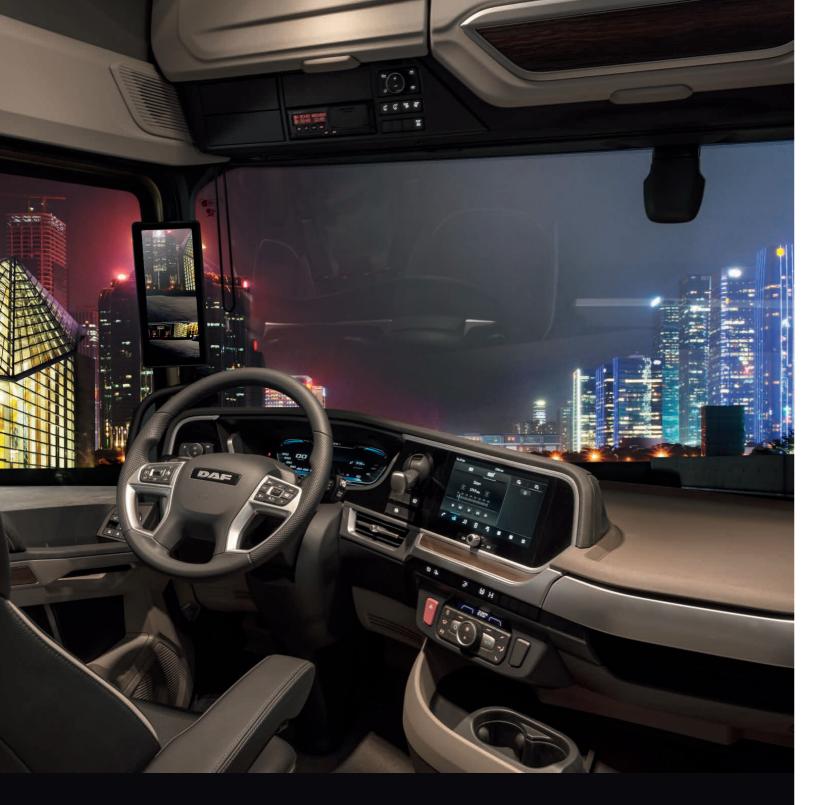
New Generation DAF trucks also set new standards for low noise levels, to help you stay alert longer. Add to that an innovative steering system design with reduced steering effort and you're left with simply the best driving and handling experience on the road.



"During the first test drive, we could already feel we were creating something great."

> "We know what drivers want when it comes to driveability, comfort and interior styling. So, with the New Generation DAF line-up we set out to exceed their expectations. These trucks offer the best driving on the road."

> > RON BORSBOOM EXECUTIVE DIRECTOR PRODUCT DEVELOPMENT



### Adjustable for ultimate comfort

With just three steps in even the highest models, the cab is extremely easy for a driver to enter and exit. And once inside, what a world awaits them! New masses & dimensions regulations mean the cab is amazingly spacious with more than enough room to stand upright in all models. Having settled in, drivers have the largest seat and steering wheel adjustment on the market. The steering wheel alone has a huge adjustment range, from horizontal to the type of angle found in a passenger car. So every driver can find their ideal position for the ultimate in comfortable driving.



### High-end seat options

For added convenience, the optional swivel seat for the XG and XG+ turns by up to 110° allowing the driver to work or relax in comfort after a long day on the road. And the fold up co-driver seat not only provides an unrestricted view through the vision door, it can optionally fold to form a table.

### Completely new digital displays

We've introduced completely new digital displays that add to the high-quality Human Machine Interface. The central 12-inch screen, with its premium look, displays a wealth of information. Two selectable themes, four levels of detail and personalised settings are all operated from the steering wheel. We've also improved the sound of warnings and notifications to enhance the driving experience and mitigate annoyances.

The optional additional 10-inch display is located to the right of the steering wheel and offers phone mirroring, infotainment, navigation and more. The DAF Infotainment System is available in three different variants: Standard, Luxury and Exclusive, which provide increasing levels of digital radio, streaming services, navigation, camera views, DAF Connect and third-party apps. The ability to configure the DAF Infotainment System according to personal preferences helps create the perfect environment for the driver.

### Redesigned climate control

A cosy interior for driving and sleeping is vital for driver comfort. We've fitted the climate control system with new air vents that direct an optimal temperature to the driver and co-driver. To ensure maximum energy efficiency to support heating and cooling, we redesigned the climate control system. The New Generation DAF XG+ also offers an optional fully integrated park climate, which ensures the driver is comfortable even when the vehicle is stationary.



THE CENTRAL DISPLAY CAN BE PERSONALISED TO THE DRIVER'S REQUIREMENTS

### Supremely comfortable bunk area

After a productive day at the wheel, a driver needs a good night's rest, so we've done everything to get the bunk area absolutely spot on. The New Generation DAF XF has an extremely comfortable bed, but the XG and XG+ go beyond your expectations. At 80 cm wide, it sets new standards in comfort and quality. In addition, the XG and XG+ offer an optional adjustable headrest and fully electrically adjustable Relax bed. So the driver can choose the ideal position for resting and getting the perfect night's sleep. There are even options for an upper sleeping bed or luggage bed. Sweet dreams.

> Updated rear wall panel The most useful functionalities can be controlled from the rear panel, such as wall lighting, temperature, and windows, it includes a roof hatch control, panic button and camera surveillance mode along with an optional USB port for charging a tablet or phone. It all makes the cab a real home away from home.

Huge storage space With their spacious cabs, New Generation DAF trucks provide huge storage space in the roof console, on top of the dashboard, in door pockets and in the sleeping area, especially under the lower bunk. A small, practical compartment with a standard USB connector and a 12V socket is available for charging a mobile phone or laptop. The large storage tray below offers plenty of room for papers, documents and other items as well as a double cup holder and three (credit) card slots. There's a large retractable table suitable for eating or working. The refrigerator drawer includes a unique integrated bottle holder to keep drinks nice and cool. And with plenty of room for a microwave and TV along with optional phone storage and charging, the driver has a wonderful environment for driving and relaxing.

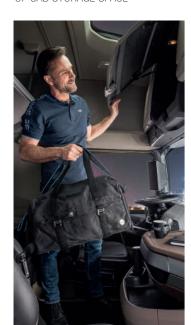
### Fantastic LED interior lighting

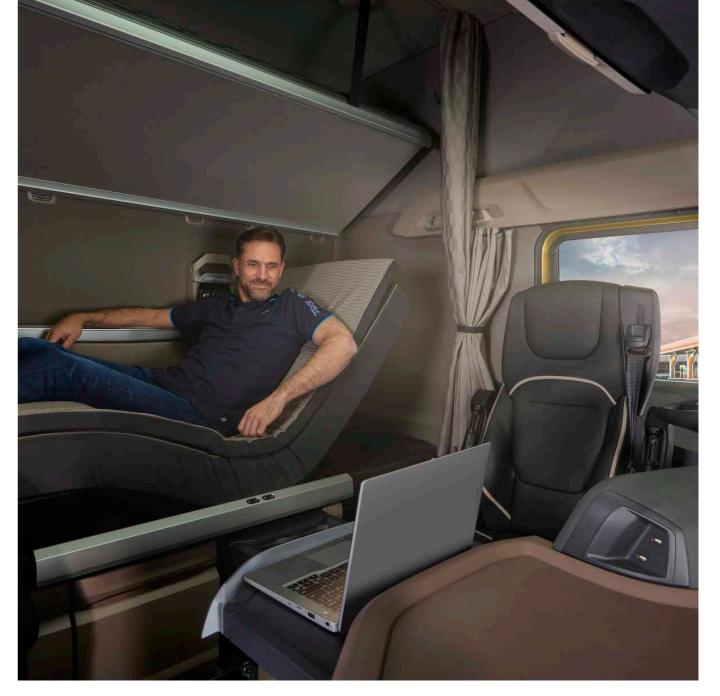
As with the exterior lighting, the interior lighting fully utilises LED technology and offers a range of options to make driving, relaxing and sleeping even more comfortable. The New Generation XG and XG+ also offer optional ambient lighting that takes full advantage of the cab's spaciousness. Comprising 15 LED lights and strips, the driver can adjust light colour and brightness to achieve the perfect lighting conditions.

### High-end materials and finish

The interior of the New Generation DAF trucks has the look and feel of a luxury car. We've used high-quality materials and finish throughout, from the seats and dashboard trim, to the walls and upper compartment. In particular, the use of the latest soft-touch materials enables stylish edges.













HIGH-QUALITY MATERIALS AND FINISH THROUGHOUT THE CAB



### Define your personal style

The styling options of the New Generation DAF trucks let you put your personal stamp on the cab interior. Choose from two attractive colour schemes: dark and warm or a more exclusive light and luxurious option. And three deco panel choices: Natura, a sophisticated premium wood look; Argenta with its elegant silver finish; or the darker, tastefully patterned Hexagon. Whatever you choose, you can rest assured the cab interior will have an ultramodern, premium look and feel completely in line with the rest of the truck. Bringing style and function together in perfect harmony.

### Seats







**ALCANTARA** 

LEATHER

### Interior options

	XF	XG	$XG^+$
HEXAGON	-		
ARGENTA	0	0	
NATURA	0	0	0







**HEXAGON** 



ARGENTA

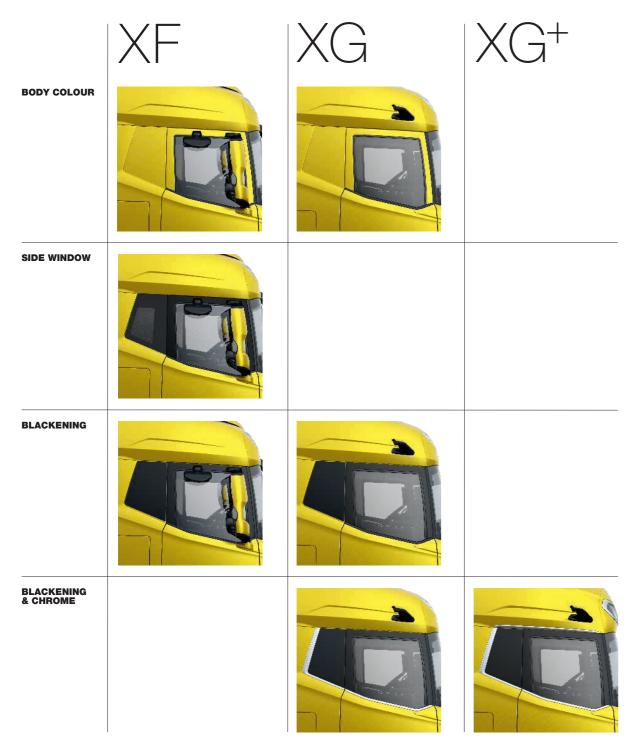


**NATURA** 

### Customisable exterior

In addition to the cab interior, you can also customise the exterior according to your personal taste and needs. Side walls, LED headlights, mirrors and cameras can all be tailored for extra safety, efficiency and style.

### Side wall styling



### Headlights







LED LIGHTING

LED LIGHTING WITH CORNERING

LED LIGHTING WITH CORNERING & FOG LIGHT

### Mirrors / Camera







MIRRORS

MIRRORS & CORNER VIEW

CAMERAS & CORNER VIEW

### Passenger door





STANDARD

VISION DOOR



### DAF Multisupport

This flexible repair and maintenance service gives you maximum assurance at a fixed price per kilometre. You determine the service level that best fits your current requirements and then expand it when needed to include trailers and bodywork. Your DAF dealer takes maintenance planning and administration off your hands. As a result, you can focus on your core activities sure in the knowledge that your fleet will always be in perfect condition.

#### PACCAR Financial

As DAF's in-house finance provider, PACCAR Financial has six decades of global experience offering customised financial services for the transport sector. A unique understanding of your day-to-day business makes PACCAR Financial your ideal partner. Tailored financial solutions not only cover fleet financing, but also complete combinations including superstructures and trailers along with repair, maintenance and insurance options.

#### PACCAR Parts

As well as original DAF parts and PACCAR engine parts, PACCAR Parts supplies over 70,000 universal TRP Truck & Trailer parts for all makes of trucks and trailers, including workshop supplies. With distribution centres in the Netherlands, the UK, Russia, Hungary and Spain, PACCAR Parts deliver orders throughout Europe within 24 hours. What's more, delivery reliability is 99.98%, making PACCAR Parts the best in the industry. Max loyalty members also benefit from special deals and discounts.

#### DAF ITS

Accidents and breakdowns are an inevitable part of the transport business, even for the best trucks. So it's good to know that DAF's International Truck Service (ITS) is just a telephone call away. That's all that's needed to summon help, no matter where you are in Europe. 24 hours a day, 365 days a year, service is available from local mechanics who do everything possible to get your truck back on the road fast.

#### DAF Dealer Network

With our extensive network of professional sales and service dealers, there's always a DAF representative nearby ready to give you expert service throughout the lifetime of your truck. Highly qualified DAF mechanics have in-depth knowledge of your vehicle, ensuring fast, effective repair and maintenance, using original PACCAR, DAF and TRP parts. This guarantees maximum vehicle availability and high residual value.

### DAF Driver Academy

Drivers are indispensable when it comes to achieving the highest level of transport efficiency. DAF training courses help them reduce fuel consumption, handle traffic situations better and increase road safety. In fact, drivers who complete our courses realise economy improvements of up to 10% with less damage in the short term.

### DAF Connect

In our drive for transport efficiency, the new DAF Connect fleet management system gives you real-time insight into the performance of your trucks and drivers. A customisable, user-friendly dashboard presents clear information on vehicle location, fuel consumption, mileage, fleet utilisation and idle time. It also provides comprehensive fuel reports with current and historical data enabling you to compare vehicles and drivers. The Live Fleet View feature gives you precise information on truck location enabling optimum fleet planning including distances, routes and driving time. You can also receive self-defined alerts when deviations occur in parameters like speed, route, location and fuel consumption so you can take immediate action. By optimising vehicle availability, reducing operational cost and enhancing logistical efficiency, DAF Connect maximises your profitability per kilometre.

### Specifications



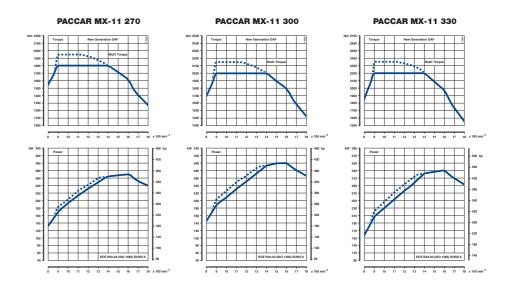
Rigids	FA P		XF	XF XG XG+		
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	<b>FAR</b> 6x2	0.0		•	•	•
	FAS 6x2			•	•	•
	<b>FAN</b> 6x2	<b>O</b> 10		•	•	•
				XF	XG	XG <sup>+</sup>
naotoro	<b>FT</b> 4x2	0 0		•	•	•
	<b>FTP</b> 6x2			0	0	0
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	<b>FTN</b> 6x2	6 - ORO		0	•	0

PERFORMANCE	MX-11 270	MX-11 300	MX-11 330
Output at rated speed	270 kW / 367 hp at 1600 rpm	300 kW / 408 hp at 1600 rpm	330 kW / 449 hp at 1600 rpm
ECE R24-03/ISO 1585			
Torque	1950 Nm at 900-1125 rpm <sup>1]</sup>	2150 Nm at 900-1125 rpm <sup>1]</sup>	2350 Nm at 900-1125 rpm <sup>1]</sup>
ECE R24-03/ISO 1585			
	1800 Nm at 900-1400 rpm	2000 Nm at 900-1400 rpm	2200 Nm at 900-1400 rpm
Idle speed	550 rpm	550 rpm	550 rpm

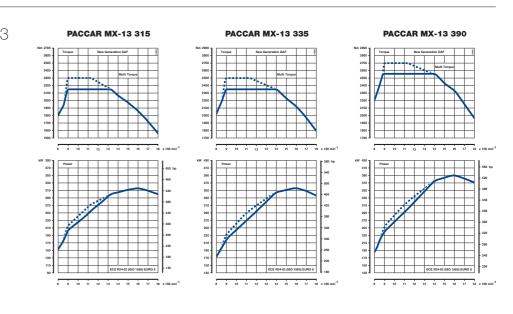
PERFORMANCE	MX-13 315	MX-13 355	MX-13 390	
Output at rated speed	315 kW / 428 hp at 1600 rpm	355 kW / 483 hp at 1600 rpm	390 kW / 530 hp at 1675 rpm	
ECE R24-03/ISO 1585				
Torque	2300 Nm at 900-1125 rpm <sup>1]</sup>	2500 Nm at 900-1125 rpm <sup>1]</sup>	2700 Nm at 900-1125 rpm <sup>1</sup> ]	
ECE R24-03/ISO 1585				
	2150 Nm at 900-1400 rpm	2350 Nm at 900-1400 rpm	2550 Nm at 900-1400 rpm	
Idle speed	550 rpm	550 rpm	550 rpm	

<sup>&</sup>lt;sup>1]</sup> in the highest gear for direct drive gearboxes and in the two highest gears for overdrive gearboxes

### PACCAR MX-11



#### PACCAR MX-13



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# Explore more!

