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driven by quality



Environmental
Management
System

DAF
A PACCAR COMPANY





DAF trucks for the construction industry



Robust, efficient and reliable





Built to perform

Tipper, mixers and concrete pumps; loading systems and flatbed trailers; brick semi-trailers and asphalt tippers; an open body with crane or a curtain sider superstructure for distributing building materials; rigids and tractors... No transport sector is as varied as construction transport. And no sector is as demanding as the construction industry – certainly as far as performance and reliability are concerned. Because work must go on and time is money. This is why DAF has exactly the right truck for every application. With two, three or four axles, either single or double drive. Developed to perform in the toughest conditions – both on and off road, day in, day out, year in, year out.



Total weights between 6 and 120 tonnes

A DAF for every purpose

The wide variety of transport applications in the construction industry requires a wide range of vehicles. From light 4 x 2 tippers for small-scale work, to four-axle concrete mixers with a capacity of 8 cubic metres or heavy transport tractors for a Gross Combination Mass (GCM) of up to 120 tonnes or more. DAF offers the right transport solution for every application. Efficient and reliable, safe and comfortable.

Every transport application places unique demands on the truck. This is why each DAF is unique and manufactured to order. Put together from a wide choice of cabs, chassis, drivelines, PTOs and axle configurations. The LF for quick, light work; the CF as a real all-rounder; and the XF105 as the flagship for long distances or for heavy transport. Three vehicle concepts with one quality standard: the best.

Well thought out down to the smallest detail

Quality from front to rear, well thought out even down to the smallest of details: This is what sets a DAF apart from all other trucks. From the steel front bumper and impact-resistant Lexan headlight glass, to the

comfortable yet practical interior and the reliable and powerful driveline. Each DAF is designed and manufactured by people with a passion for trucks.

Passion for quality

Along with leading US brands, Peterbilt and Kenworth, DAF Trucks is part of PACCAR, a US company with pure passion for quality, with regard for the wishes of the customer and respect for the driver.



Efficiency starts with the right choice of vehicle. Using the latest computer software, the DAF sales advisor determines exactly the right vehicle specifications.







The CF construction vehicles

Built for heavy work

The CF is the real all-rounder within DAF's range, designed for heavy work. Whether for a concrete mixer, tipper or concrete pump, or for a loader system or body with crane for transporting bricks, the renewed construction vehicles in DAF's CF series provide the perfect base.

The CF series comprises rigids and tractors, available as 4 x 2, 6 x 2 and 8 x 2, as well as 6 x 4 and 8 x 4 with robust double drive DAF 1132T single reduction or 1355T hub reduction tandem axle and a design capacity of up to 26 tonnes. The renowned 8 rod tandem axle suspension provides a favourable roll centre for maximum stability – not to be underestimated when it comes to tippers and mixers.

At home on all terrains

The generous articulation of the DAF tandem axle provides excellent traction off road, as the wheels follow the surface perfectly. And should it become really difficult, the standard cross and inter-axle locks offer a solution. In addition, the large approach angle and ground clearance come in very useful off road; as do the solid steel protection plate under the radiator and the retractable first step.

The four-axle vehicles are also equipped with mechanical load compensation on the front axles to guarantee equal load distribution over the two front axles.

Powerful engines

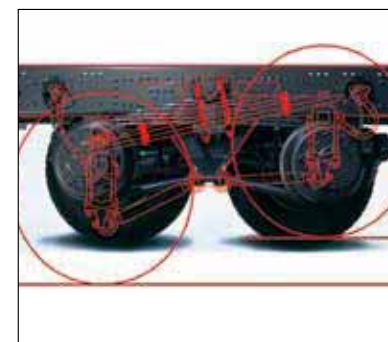
In the CF, DAF offers a series of powerful six-cylinder engines with turbo intercooling and electronically-controlled injection.

The CF75 is fitted with the 9.2 litre PACCAR PR engine, with outputs of 250 to 360 hp and torques from 1050 to 1450 Nm. In the CF85, the brand new 12.9 litre PACCAR MX engine, designed and built by DAF, provides outputs of up to 510 hp and a maximum torque of 2500 Nm. A characteristic of all PACCAR engines is the high torque available at low engine speeds, which ensures a high pulling force across a broad range of speeds.

The CF is supplied as standard with a manual ZF gearbox; however, the fully automatic AS-Tronic is also available as an option, with a specific shift programme for unpaved terrain.

PTOs

For driving the hydraulic pump, for instance, the CF can be supplied with an engine PTO developed by DAF. This ultra efficient and powerful component drive produces a torque of 990 Nm with a standard PTO speed. DAF also offers a wide choice in gearbox PTOs, with torques of between 430 and 1000 Nm depending on the model.



DAF's renowned 8 rod tandem axle provides an articulation of 270 mm and unprecedented stability.

Well thought out down to the last detail



An approach angle of 27°!

Option: a flexible bottom step minimises the risk of damage and increases off-road mobility.



Option: fully automatic AS-Tronic available with a specific switch programme for off-road use.



Straight front axle for an extra high ground clearance of 41 cm.

Robust steel front bumper and solid radiator protection.



Option: protective grids offer additional protection for the fog lights and spot lights.



The well-placed superstructure control is easy to reach from inside and outside.



Option: fold-away step at the front for cleaning the windscreen.



The strong chassis made from high-quality steel is completely flat and comes with pre-drilled attachment points, which make it relatively easy to mount the superstructure. In addition, the special Body Builders Module ensures optimum communication between the truck's electronics and those of the superstructure.



Vertical exhaust with stainless steel protective cap available as an option.

A cyclone filter is available for dusty environments.

As things may fall onto the roof from time to time during construction work, the construction version of the CF cab is fitted with an aluminium roof hatch instead of one made from glass. As an option: rotating beacons ex-factory.

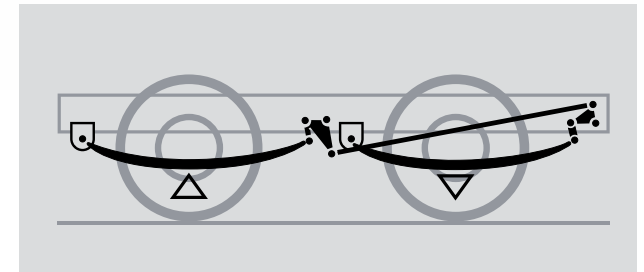
Components have been set up in such a way that the chassis can be installed easily. The side member height is 310 mm.



Available with 7.5-tonne or 9-tonne front axles.

Double drive tandem axle with single reduction or hub reduction for a high torque to the wheels. Technical load capacity of 21 or 26 tonnes depending on the model.

Axle load compensation on the front axles of the four-axle vehicle reduces the chance of overloading one of the front axles.





Fantastic to drive

Comfortable and practical interior

The driver was clearly the key consideration during the design of DAF's construction vehicles. The CF's cab is comfortable and practical and also easy to keep clean. All handles and switches are positioned exactly where you would expect them.

The large glass area and generously-sized mirrors provide excellent visibility.

The driver has easy access to an interior that is ergonomically designed and strikingly spacious. The widely adjustable air-sprung driver's seat and the equally freely adjustable steering column ensure a perfect driving position. At the centre of the instrument panel is the display, providing information on vital functions, liquid levels and, for instance, PTO hours. An interior air filter is fitted as standard.

Superb driving characteristics

Just like every other DAF, the CF construction vehicles also offer superb driving characteristics. The smooth front suspension provides outstanding comfort. The 6 x 4 tractor models for heavy and exceptional haulage can also be delivered with air suspension on the tandem axle.

The high-pressure steering gear ensures accurate steering with low steering power, even when manoeuvring at low speed. In combination with the compact dimensions of the front of the truck, the excellent steering lock angle provides superb manoeuvrability with a tight turning circle even for the largest CF.

Safety is paramount

And safety is DAF's top priority, also when it comes to construction transport. This is why the 6 x 4 and 8 x 4 models are equipped with ABS, ASR (= anti-slip control), Brake Assist and EBS (= electronic braking system).



The interior is easy to clean thanks to durable vinyl covering on floor and walls.

Drivers frequently have to step in and out of trucks used in the construction industry. The CF therefore provides easy access with large, illuminated non-slip cab steps and sturdy handles on both sides of the door opening.





ROAD CARGO

DAF

XF

DAF
XF

CONVOI EXCEPTIONNEL

ROAD CARGO

Broad range for the construction industry

No job too big



In addition to the special 6 x 4 and 8 x 4 construction vehicles, DAF's product range includes numerous other solutions ideal for use in the construction industry: The CF, with its compact yet strikingly spacious day, sleeper or Space Cab cabs. The XF105, voted International Truck of the Year 2007, available with Space Cab or extra spacious Super Space Cab. And the handy LF for smaller jobs. Each and every one of them reliable, efficient and comfortable trucks, able to take on the most demanding of tasks.

Depending on the truck's use, a customised transport solution can always be found within DAF's broad range of vehicles. A manoeuvrable 4 x 2 with skip loader system for waste products or a three way tipper with crane. A four-axle vehicle with three steered axles for transporting heavy building materials or containers. A three-axle tractor with trailing axle or steered leading rear axle for the brick semi-trailer. A universal 4 x 2 tractor or a 6 x 4 tractor for the tipper trailer. A three-axle rigid with hook-lift or other loading system. Or a strong 510 hp three or four-axle tractor for heavy transport. These are just some examples of the wide variety of uses for vehicles from the DAF range.





Perfectly suited to the job

CF, the real all-rounder

The CF has compact exterior dimensions for maximum manoeuvrability. Its low weight allows for a high payload.

With its powerful, yet economical engines, the CF provides a sizeable performance.

The CF range includes a wide variety of wheelbases and axle configurations, from two and three-axle tractors to rigids with two, three or four axles. Steered trailing and leading rear axles for optimum manoeuvrability and yard-friendliness. The possibilities even include a four-axle vehicle with two steered front axles and a steered trailing rear axle, for a high payload and optimum manoeuvrability. All these options make the CF an extremely versatile vehicle series.

Power to perform

The versatility of the CF requires a wide choice of engines. The lightest variant, the CF65 for typical distribution work, is fitted with the new 6.7 litre PACCAR GR engine. The CF75 is fitted with the new PACCAR PR engine, while the CF85 is equipped with the completely all-new 12.9 litre PACCAR MX engine, which is also used in the XF105. Three modern six-cylinders for outputs between 220 and 510 hp. And all of them fitted with DAF SCR Technology, the best solution to meet both the Euro 4 and Euro 5 emission standards.

The CF is supplied with manual transmission as standard, but an auto-shifting AS-Tronic is available as an option for even more comfort and safety. And of course DAF supplies a wide range of PTOs, for the front of the engine, the flywheel or the gearbox.

Solid reputation

The DAF CF series has a fantastic reputation among operators and drivers because of the stylish appearance of the comfortable cab with easy entry, and the truck's excellent driving characteristics, superior efficiency and proven reliability and durability.

The cab is 2.3 m wide at the front, which allows for better manoeuvrability. The steel bumper, Lexan headlight glass and the flexible plastic used for the first step are all impact-resistant — an important factor for trucks operating on building sites.





The XF105, International Truck of the Year 2007

Flagship of the DAF range

The flagship of the DAF range is the XF105, which was voted Truck of the Year 2007. It was principally designed for long distances, for international road transport. With its spacious, comfortable cab, the XF105 is also used in the construction industry. As a robust tractor for heavy haulage up to 120 tonnes and more, but also in combination with a brick or tipping trailer, for instance.

The XF105 offers the same solid chassis design and associated advantages as the CF series. Under the impressive cab, the new 12.9 litre PACCAR MX engine is particularly quiet. A jewel of an engine, designed for a service life of 1.6 million kilometres. With outputs of 410, 460 and 510 hp and with impressive torques of 2000, 2300 and 2500 Nm respectively, available from 1000 to 1400 r/min.

Manual or automatic

The balanced driveline combines optimum performance with favourable fuel consumption in all situations. The XF105 offers a choice between a manual 16-speed gearbox and the latest generation AS-Tronic automatic. Together with the choice of different rear axle reductions, from axles with single reduction to hub reduction for heavy work, the right driveline can be found for every purpose.

Two, three and four-axle vehicles

Both the rigids and the tractors in the XF105 range are available in two, three and four-axle variants. Three-axle rigids with steered trailing rear axle, tractors with steered leading rear axle, and tractors and rigids with trailing or double driven axle. And at the top of the XF105 range is the 8 x 4 FTM, a choice heavy transport tractor with three rear axles, two

driven and one steered. Suitable for a GCM of up to 120 tonnes, the FTM combines superior performance with excellent comfort for the driver.

Space and comfort

As the flagship, the XF105 has the largest, most spacious and most comfortable cab in the DAF range. It is available as a Space Cab, which offers generous standing room thanks to the lowered engine tunnel, and as a Super Space Cab, the roomiest cab on the market. Complete with two wide, comfortable bunks, ample storage space and two air-suspended supercomfort seats. With the XF105 cab, DAF has set new standards in driver comfort.





Walls, window frames, plaster boards, insulation materials, construction waste, sand, gravel...

LF and CF for distribution activities in the construction industry

Construction work not only entails tough jobs in mud and sand. A lot of construction transport involves the transport and distribution of building materials – walls, window frames, plaster boards and blocks, insulation materials and roofing – and the removal of waste and rubbish with small tipper trucks. DAF's LF and CF trucks set the standard for this lighter type of work.

The DAF LF is designed for distribution work from front to rear. With its compact dimensions, tight turning circle and comfortable steering, the LF offers greater manoeuvrability than any other truck. With engine outputs ranging from 140 to more than 280 hp, the right engine can be selected for every application. An auto-shifting gearbox is also available as an option. And, of course, various PTOs are also available for the LF.

Low weight, high payload

The LF's low kerbweight allows a high load capacity, amongst the best in its class ranging from 4.5 tonnes on the 7.5 tonne GVW LF45 to 13 tonnes on the 18 tonne GVW LF55. And the LF55 with steered trailing rear axle combines a gross payload of 15.5 tonnes with optimum manoeuvrability. In addition, all LFs have sufficient design capacity on the front axle, to prevent overloading with partial loads. And with a maximum GCM of 32 tonnes, a trailer is also a possibility. The LF55 is also available as a tractor. Ideal for light city trailers or, for instance, for a semi-trailer for transporting building materials.

User-friendly through and through

City distribution is intensive work for the driver. The LF is therefore a real 'get in and drive off' vehicle and is logical to operate. All handles and switches are positioned exactly where you would expect them. It has easy access and the large glass area and generously proportioned mirrors

provide perfect visibility. The steering wheel is comfortable to hold. The standard parabolic springs already provide a high degree of comfort, but like most DAFs, the LF is also available with electronically-controlled air suspension on the rear axle. The LF offers the comfort and ease of use you would expect from a DAF.

CF for distribution

Based on the same smart chassis design as the LF, the CF65 also provides all the characteristics you would expect a distribution truck to have, but with the larger CF cab. And should something heavier be required, you need look no further than the CF75, which is ideal both as a rigid and as a tractor for urban and regional distribution of building materials.



Power behind the success

Passion for perfection



It takes engineering excellence and years of experience to build a truck as good as a DAF. Look at the extensive range of powerful yet economical engines, with performance characteristics tailored to suit the most demanding applications. Consider the lightweight yet strong chassis construction that can accommodate bigger payloads and simplify the mounting of any superstructure.



From the well-appointed cab to the reliability of the driveline, every part of a DAF truck is designed and built according to proven engineering principles. At DAF we don't aim to be the first, we aim to be the best. Refining technology until we are sure that it can provide years of dependable, low-maintenance service. At DAF we believe that the real power behind our success is our passion for perfection.





DAF SCR Technology for a bright future

The clean route



The exhaust silencer comes with an integrated catalytic converter. Together with the battery carrier, AdBlue tank and dosing unit, it forms one compact module on tractors.

Depending on the vehicle type, AdBlue tanks are available with a capacity of 26 up to 75 litres. This means that the AdBlue tank does not have to be filled more often than the diesel tank. And for added assurance, a special AdBlue level gauge is fitted on the driver's dashboard.

To meet the latest emission requirements, DAF uses Selective Catalytic Reduction (SCR) technology. Not only because this is recognised as the best solution, it is also currently the only economically viable choice for achieving Euro 4 and Euro 5 emission requirements. Moreover, DAF SCR technology comes with smart injection technology, which improves combustion efficiency and avoids the need for power draining soot filters. Also, because SCR technology is relatively simple it is extremely reliable, and because it does not interfere with the engine, the engine settings stay optimised for ideal combustion.



*DAF SCR Technology
for a bright future*



DAF

CF

DAF

DAF

AD

Committed to World Class

Right first time

DAF Trucks - A PACCAR Company - applies state-of-the-art technology to maintain the highest standards in development and manufacturing.

Over the last few years, major investments have been made in all DAF-factories. DAF trucks are built in world-class facilities by dedicated people, using high-quality materials and efficient processes.

For the production of the new PACCAR engines, the engine factory has been totally renewed, making it one of the most modern of its kind in the world. In other factories too, major innovation programmes have been undertaken to achieve the highest efficiency and quality levels. DAF Trucks introduced World-Class Manufacturing standards: everything right first time, with no unnecessary loss of energy or materials and with the highest conceivable quality. As a result, world-class products are manufactured in world-class factories.

Information Technology

DAF Trucks and its dealers have information technology systems that track a truck and its components throughout its entire life cycle – from design and production to aftermarket customer support. Engineering applies powerful three-dimensional CAD/CAM techniques that seamlessly interface with the production systems; ensuring employees receive

detailed on-line work instructions. The engineering data for each individual truck is centrally stored for guaranteed traceability, making it easy for dealers to check specifications and order parts – right down to the options fitted.

Product Development

The DAF Technical Centre offers comprehensive research development and testing facilities, including an anechoic chamber for noise measurements and a modern engine laboratory. DAF also has an extensive proving ground for simulating road conditions so vehicle performance can be thoroughly tested. DAF Trucks delivers world-class vehicles designed in world-class development facilities by a world-class development team.

EcoDesign and environmental policy

DAF has had an environmental policy in place for over 10 years, covering all its activities, products, services and locations - including dealers. Its environmental care system is ISO 14001 approved. DAF is committed to conducting its business in a responsible way. EcoDesign is the company's unique approach to environmentally responsible product design, and is concerned with ensuring that all DAF's products comply with the strictest environmental guidelines, from first concept to end-of-life recycling.



DAF uses world class manufacturing standards: right first time; no waste of energy and materials; highest quality standards.

Advanced equipment and IT systems contribute to improved quality and increased efficiency.





DAF's one stop shop offers a total transport solution

With you all the way

Road transport is all about optimum efficiency, so DAF offers a total transport solution, designed to maximize earnings per kilometre. It is supported by a professional organisation and dealer network that helps customers choose the right vehicle, finance it, maintain it in perfect condition, and keep it running at all times.

DAF Trucks not only makes quality vehicles, but also has a first-class back-up organisation with more than 1,000 independent dealers in Europe. They provide support ranging from financial services to repair & maintenance contracts. Parts for truck and trailers are always available, supplied to workshops by PACCAR Parts Distribution Centres in the Netherlands, the United Kingdom and Spain. Every week, over 3,000 shipments are made to dealers and customers across Europe and beyond – often within 24 hours.

Tailored Repair & Maintenance services for improved profitability

By offering a fixed price per kilometre for repair & maintenance, DAF MultiSupport ensures a perfectly maintained fleet without unexpected high costs. Customers can choose the level of services, with options for trailer and body cover. Benefits include increased transparency in

operational costs and reduced administration, enabling fleet operators to focus more on the transport business. DAF MultiSupport helps to maximize the return on investment in your vehicle.

Tailor-made financial services

PACCAR Financial has 50 years of experience in the transport industry and understands today's business needs. Services include financing the total truck combination, R&M contracts and insurance. PACCAR Financial is available at all DAF dealer locations, providing one-stop access for trucks and financial help – including solutions for national and pan-European operators.

Always on stand-by throughout Europe

If something unexpected should ever happen, one telephone call to DAF's International Truck Service (ITS) gets the truck rolling again with minimum delay. Often copied but never equalled, ITS is on stand-by day and night, 365 days a year. Experienced staff mobilize the DAF service organisation, handling language and financial issues to ensure that a stranded truck is back on the road with minimum delay.

At DAF, we understand better than anyone else that a truck has to keep moving.

Axle configurations DAF trucks

Rigids		LF45	LF55	CF65	CF75	CF85	XF105
FA	4 x 2	•	•	•	•	•	•
FAG	6 x 2				•		
FAN	6 x 2		•		•		
FAR	6 x 2					•	•
FAS	6 x 2				•	•	•
FAT	6 x 4				•	•	
FAD	8 x 4				•	•	•
FAX	8 x 2					•	
Tractors							
FT	4 x 2		•		•	•	•
FTG	6 x 2					•	•
FTP	6 x 2					•	•
FTR	6 x 2					•	•
FTS	6 x 2						•
FTT	6 x 4					•	•
FTM	8 x 4						•



The engine overview

Vehicle	Engine	Type	Performance	Torque	Emission level	
LF45	PACCAR FR engine 4,5 litre, four-cylinder	FR103	103 kW / 140 hp / 1,900-2,500 rpm	550 Nm / 1,200-1,700 rpm	Euro 4	
		FR118	118 kW / 160 hp / 1,900-2,500 rpm	600 Nm / 1,200-1,800 rpm	Euro 4 / 5	
		FR136	136 kW / 185 hp / 2,000-2,500 rpm	700 Nm / 1,200-1,800 rpm	Euro 4	
	PACCAR GR engine 6,7 litre, six-cylinder	GR165	165 kW / 224 hp / 1,900-2,500 rpm	850 Nm / 1,200-1,700 rpm	Euro 4 / 5	
		GR184	184 kW / 250 hp / 1,900-2,500 rpm	950 Nm / 1,200-1,700 rpm	Euro 4 / 5	
LF55	PACCAR FR engine 4,5 litre, four-cylinder	FR136	136 kW / 185 hp / 2,000-2,500 rpm	700 Nm / 1,200-1,800 rpm	Euro 4	
	PACCAR GR engine 6,7 litre, six-cylinder	GR165	165 kW / 224 hp / 1,900-2,500 rpm	850 Nm / 1,200-1,700 rpm	Euro 4 / 5	
		GR184	184 kW / 250 hp / 1,900-2,500 rpm	950 Nm / 1,200-1,700 rpm	Euro 4 / 5	
		GR210	210 kW / 286 hp / 2,100-2,500 rpm	1,020 Nm / 1,200-1,800 rpm	Euro 4	
CF65	PACCAR GR engine 6,7 litre, six-cylinder	GR165	165 kW / 224 hp / 1,900-2,500 rpm	850 Nm / 1,200-1,700 rpm	Euro 4 / 5	
		GR184	184 kW / 250 hp / 1,900-2,500 rpm	950 Nm / 1,200-1,800 rpm	Euro 4 / 5	
		GR210	210 kW / 286 hp / 2,100-2,500 rpm	1,020 Nm / 1,200-1,800 rpm	Euro 4	
CF75	PACCAR PR engine 9,2 litre, six-cylinder	PR183	183 kW / 249 hp / 2,200 rpm	1,050 Nm / 1,100-1,700 rpm	Euro 4 / 5	
		PR228	228 kW / 310 hp / 2,200 rpm	1,275 Nm / 1,200-1,700 rpm	Euro 4 / 5	
		PR265	265 kW / 360 hp / 2,200 rpm	1,450 Nm / 1,200-1,700 rpm	Euro 4 / 5	
CF85	PACCAR MX engine 12,9 litre, six-cylinder	MX265	265 kW / 360 hp / 1,500-1,900 rpm	1,775 Nm / 1,000-1,400 rpm	Euro 4 / 5	
		MX300	300 kW / 408 hp / 1,500-1,900 rpm	2,000 Nm / 1,000-1,400 rpm	Euro 4 / 5	
		MX340	340 kW / 462 hp / 1,500-1,900 rpm	2,300 Nm / 1,000-1,400 rpm	Euro 4 / 5	
		MX375	375 kW / 510 hp / 1,500-1,900 rpm	2,500 Nm / 1,000-1,400 rpm	Euro 4 / 5	
XF105	PACCAR MX engine 12,9 litre, six-cylinder	MX300	300 kW / 408 hp / 1,500-1,900 rpm	2,000 Nm / 1,000-1,400 rpm	Euro 4 / 5	
		MX340	340 kW / 462 hp / 1,500-1,900 rpm	2,300 Nm / 1,000-1,400 rpm	Euro 4 / 5	
		MX375	375 kW / 510 hp / 1,500-1,900 rpm	2,500 Nm / 1,000-1,400 rpm	Euro 4 / 5	

DAF cabs overview

DAF LF Series



DAF CF Series



DAF XF Series



More detailed product information on the different DAF vehicle series can be found in the specific DAF LF, CF and XF105 product brochures.

For detailed product specifications, please refer to the technical specification sheets.

For expert advice on the DAF solution for your particular haulage needs, we advise you to contact the sales advisors at one of our dealers.