



Commercial
Vehicles

The new Crafter 4MOTION with four-wheel drive by Achleitner



Concentrated all-wheel expertise. For journeys off the beaten track.

For police and fire brigade forces, for maintenance and public utility services, for construction companies and for other experts with particularly high requirements – the new Crafter 4MOTION with four-wheel drive by Achleitner is ideal for those with jobs that take them to extremely remote places. Its permanent heavy duty four-wheel drive system has been specially designed for extreme off-road use and journeys off the beaten track. The extremely powerful 2.0 l TDI BiTurbo engine has an output of 120 kW¹⁾ and delivers maximum torque of 400 Nm. Combined with a 6-speed manual gearbox and an additional gear reduction ratio of 1 : 2.5, this results in optimal thrust, which means that the new Crafter 4MOTION with a spacious, flexible interior, various wheelbases and a gross vehicle weight of either 3.5 t or 5.0 t can transport lots of employees, material and heavy machinery safely and comfortably – whilst fulfilling the stringent emission standard EEV (Enhanced Environmentally Friendly Vehicle).



1) Please refer to page 6 for information on fuel consumption, CO₂ emissions and efficiency categories. 2) The angles and slope values may vary depending on the equipment line, special body, wheelbase and loading condition. Please note that these are statically calculated figures. Crafter 4MOTION with four-wheel drive by Achleitner (Kombi, Delivery Van, Dropside Van) 2.0 l TDI BiTurbo engine with 120 kW, fuel consumption (l/100 km): urban 10.2/extra-urban 7.8/combined 8.7. Combined CO₂ emissions (g/km): combined 229; efficiency category C. Some of the extras on the vehicle illustrated are options at extra charge. Please contact your local Volkswagen dealer for details of the standard equipment and optional extras applicable in your country.

Equipment.

No matter which Crafter model – Delivery Van, Dropside Truck, Kombi or Chassis – you select as the basis vehicle for the conversion by Achleitner, the Crafter 4MOTION offers the ideal preparation for professional special bodies and conversions. The basis vehicle is ideal for driving in difficult terrain thanks to the running gear raised by approx. 100 mm* as standard, standard differential locks in the transfer case and for the rear axle as well as an optional differential lock for the front axle. This allows businesses in sectors such as the construction industry, forestry, energy providers or rescue services to align the vehicle with their own specific requirements. However, an Electronic Stabilisation Programme is not available due to the design of the vehicle. The Crafter 4MOTION with four-wheel drive by Achleitner as well as further examples of professional special bodies and conversions for Volkswagen Commercial Vehicles can be found at www.umbauportal.de, which offers a comprehensive overview of various transport solutions and special body manufacturers who work closely with Volkswagen Commercial Vehicles.



Front axle. The front axle can also be equipped with a 100% differential lock upon demand. To ensure optimal brake force distribution, it has an additional hydraulic dual-circuit brake with vacuum booster.



Front axle suspension. In contrast to the Crafter standard model with leaf springs, the Crafter 4MOTION has independent suspension with coil springs. These are compression springs with integrated shock absorbers and an enhanced stabiliser.



Operating controls for the differential locks and the control lamps. The operating controls are integrated in the instrument panel on the left-hand side directly next to the steering column. This allows you to switch the gear reduction as well as the respective differential locks on and off easily and comfortably when needed. ABS is automatically deactivated when the rear axle differential lock is activated and switches itself on again once the differential lock is switched off. A control lamp in the instrument cluster lights up when gear reduction is selected.



Transfer case. A separate 3-speed transfer case has been implemented for the permanent four-wheel drive in addition to the 6-speed manual gearbox. This transfer case distributes the engine power 50 : 50 between the front and rear axle. The integrated gear reduction level of 1 : 2.5 as well as the 100% differential lock can be actuated electrically from the cab when needed. The transfer case is mounted behind the front axle.



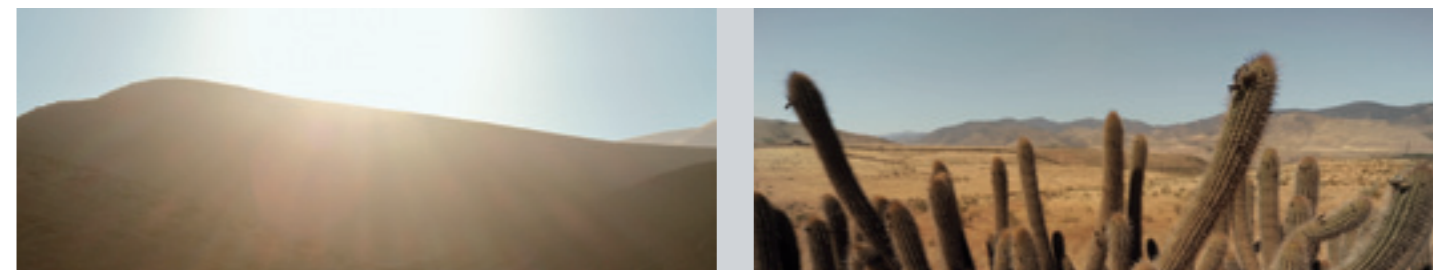
Rear axle. The rigid rear axle has reinforced parabolic leaf springs. It has also been equipped with a differential housing, axle parts with ABS sensors and a new stabiliser for extreme off-road use. With the help of the integrated differential lock (100%), differences in wheel rotations due to road surfaces with varying traction can be avoided. This ensures excellent power transfer. The differential lock can be activated when the vehicle is stationary and when driving at a speed of up to approx. 10 km/h.

*Please bear in mind that, as a result, the entrance and the optional tow bar are also 100 mm higher. Crafter 4MOTION with four-wheel drive by Achleitner (Kombi, Delivery Van, Dropside Van) 2.0 TDI BiTurbo engine with 120 kW, fuel consumption (l/100 km): urban 10.2/extra-urban 7.8/combined 8.7. Combined CO₂ emissions (g/km): combined 229; efficiency category C. Please refer to page 6 for information on fuel consumption, CO₂ emissions and efficiency categories. For further information on the model versions, wheelbases and equipment options for the Crafter please refer to the vehicle brochure and the price list. Your Volkswagen Commercial Vehicles dealer will be pleased to advise you. Please contact your local Volkswagen dealer for details of the standard equipment and optional extras applicable in your country.

Fuel consumption, CO₂ emissions and efficiency categories.

Diesel engine with the EEV¹⁾ emission standard (more stringent than EURO V)	Fuel tank capacity approx. 75 l	2.0 l BiTDI (120 kW/400 Nm)
Final drive ratio for Crafter 35 4MOTION with Achleitner four-wheel drive		4.111:1
Crafter 35 Delivery Van²⁾		
Fuel consumption, l/100 km³⁾	with manual gearbox:	6-speed
	urban	10.2
	extra-urban	7.8
	combined	8.7
Combined CO₂ emissions, g/km³⁾	with manual gearbox:	229
Crafter 35 Kombi		
Fuel consumption, l/100 km³⁾	with manual gearbox:	6-speed
	urban	10.2
	extra-urban	7.8
	combined	8.7
Combined CO₂ emissions, g/km³⁾	with manual gearbox:	229
Efficiency category³⁾ for normal roof, short wheelbase/ medium wheelbase/-	with manual gearbox:	C/C/-
Efficiency category³⁾ for high roof, -/medium wheelbase/ long wheelbase	with manual gearbox:	-/C/C
Crafter 35 Dropside Van²⁾		
Fuel consumption, l/100 km³⁾	with manual gearbox:	6-speed
	urban	10.2
	extra-urban	7.8
	combined	8.7
Combined CO₂ emissions, g/km³⁾	with manual gearbox:	229

1) "Enhanced Environmentally Friendly Vehicle", the recorded measurements fall below the limits of the Euro V emission standard. 2) Figures for Crafter 50 are not yet available. 3) The fuel consumption and emission values have been established in accordance with the measuring method stipulated (ECE-R 101). These figures do not refer to a particular vehicle and do not constitute part of the offer but are purely for comparison purposes between the various types of vehicle. In addition to the fuel efficiency of a vehicle, driving behaviour as well as other non-technical factors play a role in determining a vehicle's fuel consumption and CO₂ emissions. CO₂ is the main greenhouse gas responsible for global warming. **Note in accordance with the currently valid version of directive 1999/94/EC:** A guide on fuel consumption, CO₂ emissions and power consumption which contains data for all new passenger car models is available free of charge at every point of sale in the European Union and, for prospective buyers in Germany, at DAT Deutsche Automobil Treuhand GmbH, Hellmuth-Hirth-Straße 1, 73760 Ostfildern. Energy efficiency categories evaluate vehicles based on CO₂ emissions while taking the unladen weight of the vehicle into consideration. Vehicles that comply with the average are classified as D. Vehicles that are above the current average are classified as A+, A, B or C. Vehicles that are below average are characterised as E, F or G.



The new Crafter 4MOTION with four-wheel drive by Achleitner: escort vehicle for the toughest rally in the world.

There is no race that is more arduous, none that is more demanding for man and machine: the Dakar Rally is a true legend. And in January 2012, it will become the perfect framework for the first grand appearance of the Crafter 4MOTION with four-wheel drive by Achleitner.

Volkswagen already dominated the famous contest on the race course in 2011 – celebrating a triple victory in the automobile rankings of 2009, 2010 and 2011 with the Race Touareg – as well as away from the action. The Amarok served as the official support vehicle for the Dakar Rally in all its stages, safely bringing the race management as well as the service teams to the finish line. As of January 2012, the Crafter 4MOTION will also offer its active support. Thanks to the permanent heavy duty four-wheel drive system by Achleitner, the Crafter 4MOTION can effortlessly cope with the almost 9,000 kilometre journey across Argentina, Chile and Peru with over 4,500 metre high passes, scorching hot temperatures and passages through muddy water.

For you, this has resulted in perfect technology – even under the most extreme conditions. Which means that you can trust in the "Tested by Dakar" seal of approval day after day.



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