TECHNICAL INFORMATION
CROSSCAMP CAMPER VANS

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IMPORTANT INFORMATION FOR THE SELECTION OF YOUR MOTORHOMES

When buying a motorhome, camper van or urban vehicle (hereafter: motorhome), it is particularly important to choose the right layout and an appealing design. In addition, weight also plays an essential role. Family, friends, optional equipment, accessories and baggage – space must be available for all of these. At the same time, there are legal and technical limits to the configuration and load. Every motorhome is designed for a certain weight, which may not be exceeded during driving. For motorhome buyers, this raises the question: How should I configure my vehicle to accommodate passengers, baggage and accessories according to my needs without the vehicle exceeding this maximum weight? In order to make this decision easier for you, we provide you below with a few tips that are particularly important when selecting your vehicle from our portfolio:

1. The technically permissible maximum laden mass…

… is a value set by the manufacturer which the vehicle may not exceed. CROSSCAMP specifies a layout-related upper limit for the vehicle, which can vary from layout to layout (e.g. 3,500 kg, 4,400 kg). You can find the corresponding specification for each layout in the technical data.

		MODEL 1	MODEL 2
Standard chassis		Opel Zafira Life	Opel Zafira Life
kW (bhp)		88 (120)	88 (120)
Overall length, approx.	cm	495	495
Overall width, approx.	cm	192	192
Overall height, approx.	cm	199	199
❶ Technically permissible maximum laden mass*	kg	3100	3100
❷ Mass in running order (+/-5%)*	kg	2269 (2156 to 2382)*	2334 (2217 to 2451)*
Permitted number of seats (including driver)*		4	4
Manufacturer-specified mass for optional equipment*	kg	506	441

2. The mass in running order…

… consists – to put it simply – of the basic vehicle with standard equipment plus a standard weight of **75 kg for the driver.** It is legally permissible and possible for the mass in running order of your vehicle to deviate from the nominal value stated in the sales documents. The **permissible tolerance is ±5 %**. The **permissible range** in kilograms is given in **brackets** after the mass in running order. In order to provide you with full transparency regarding possible weight deviations, CROSSCAMP weighs each vehicle at the end of the line and informs your trade partner of your vehicle's weighing result for forwarding to you.

Detailed explanations on the subject of mass in running order can be found in the "Legal Information" section.

3. The permitted number of seats (including driver)…

… is determined by the manufacturer in what is referred to as the type-approval procedure. This results in what is referred to as the mass of the passengers. For this, a standard weight of 75 kg per passenger (without driver) is calculated.

Detailed explanations on the subject of mass of the passengers can be found in the "Legal Information" section.

		MODEL 1	MODEL 2
Standard chassis		Opel Zafira Life	Opel Zafira Life
kW (bhp)		88 (120)	88 (120)
Overall length, approx.	cm	495	495
Overall width, approx.	cm	192	192
Overall height, approx.	cm	199	199
Technically permissible maximum laden mass*	kg	3100	3100
Mass in running order (+/-5%)*	kg	2269 (2156 to 2382)*	2334 (2217 to 2451)*
❸ Permitted number of seats (including driver)*		4	4
❹ Manufacturer-specified mass for optional equipment*	kg	506	441

4. The manufacturer-specified mass for optional equipment…

… is a value set by CROSSCAMP per layout for the maximum mass of optional equipment that can be ordered. This limit is intended to ensure that the **minimum pay-mass,** i.e. the legally prescribed free mass for baggage and retrofitted accessories, is actually available for the vehicle load capacity of the vehicles delivered by CROSSCAMP. If, **in exceptional cases,** the weighing at the end of the line **nevertheless** shows that the actual load capacity falls short of the minimum pay-mass due to a permissible weight deviation, we will check together with your trade partner and you whether we should, for example, increase the load capacity of the vehicle, reduce the number of seats or remove optional equipment before delivering the vehicle.

Detailed explanations on the subject of the effects of the tolerances on the minimum pay-mass and the payload can be found in the "Legal Information" section.

OPTIONAL EQUIPMENT

	Price	Additional weight (kg)*	MODEL 1	MODEL 2
Chassis features				
Head-Up Display	479,-	1.5	○	○
230V socket in the second row of seats	99,-	3	○	○
Interior design				
Auxiliary heating with wall control panel	2.199,-	9	–	○
Gooseneck lights with USB connection	159,-	0	○	○

❺

5. The additional weight of optional equipment and packages…

… increases the actual mass of the vehicle (= mass in running order plus selected optional equipment) and reduces the pay-mass. The specified value shows the additional weight compared to the standard equipment of the respective layout. The total weight of the selected packages and optional equipment must not exceed the manufacturer-specified mass for optional equipment.

PEUGEOT ELMNT 5.41
Technical info

PEUGEOT ELMNT 5.41		5.41
Standard chassis		Peugeot Boxer
Standard engine		2.2 BlueHDi
kW (bhp)		103 (140)
Emission standards		Euro 6e-bis
Overall length, approx.	cm	541
Overall width, approx.	cm	205
Overall width with mirrors, approx.	cm	265
Overall height, approx.	cm	265 / 282 O
Overall height (open pop-top roof)	cm	358
Headroom in living area, approx.	cm	189
Towable load braked/unbraked	kg	2500 [1)] / 750
Wheelbase, approx.	mm	3450
Bed dimension: Central / middle bed, L x W, approx.	cm	188 x 133
Bed dimension: pop-up roof, L x W, approx.	cm	209 x 143 O
Sleeping berths standard / max.		2 / 4 O
Mass in running order (+/-5%)*	kg	2610 (2480 - 2741)*
Manufacturer-specified mass for optional equipment*	kg	738
Technically permissible maximum laden mass*	kg	3499
Permitted number of seats (including driver)*		2 [2)]
Waste water tank, approx.	l	10
Fresh water tank capacity, total/ Fresh water tank capacity at driving filling	l	10

O Optional equipment — Not possible ● Standard equipment ◆ Mandatory △ Not known at the time of publication

* INFO

The specified mass in running order is a default value defined in the type-approval procedure. Due to manufacturing tolerances, the actual weighed mass in running order may deviate from the value stated above. Deviations of up to ± 5 % of the mass in running order are legally permissible and possible. The permissible range in kilograms is given in brackets after the mass in running order. The manufacturer-specified mass for optional equipment is a calculated value for each type and layout that CROSSCAMP uses to determine the maximum weight available for factory-fitted optional equipment. The limitation of optional equipment is intended to ensure that the minimum pay-mass, i.e. the legally prescribed free mass for baggage and retrofitted accessories, is actually available for the vehicle load capacity of the vehicles delivered by CROSSCAMP. The real weight of your vehicle ex works can only be determined when it is weighed at the end of the line. If, in exceptional cases, the weighing shows that the actual load capacity falls below the minimum pay-mass despite limiting the optional equipment due to a permissible weight deviation, we will check together with your trade partner and you whether we should, for example, increase the load capacity of the vehicle, reduce the number of seats or remove optional equipment before delivering the vehicle. The technically permissible maximum laden mass of the vehicle and the technically permissible maximum mass on the axle must not be exceeded. Detailed information & explanations on the subject of weight and the configuration of the vehicle can be found in the section Legal information. For a more detailed description of all mandatory technical dependencies, please refer to the explanations on the footnotes.

Standard equipment

5.41

Base vehicle engine Peugeot	
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight	●
Base vehicle equipment Peugeot	
16" alloy wheels in black (light) [3)]	●
90 litre diesel tank	●
All-weather tyres M+S* Camping Snowflake	●
Cab air conditioning	●
Captain's Chair, including 2 armrests	●
Cruise control	●
Cup Holder	●
DAB antenna in mirror, speakers, steering wheel radio control	●
Driver/passenger seat in living area fabric	●
Electric parking brake	●
Electrical preparation for trailer coupling	●
Electrically adjustable and heated exterior mirrors	●
Fix & Go puncture repair kit: tyre inflation kit and towing eye	●
Headlight frame black	●
Leather-trimmed steering wheel and gear knob	●
Maxi/automatic chassis: 16" bicolour alloy wheels	●
New Safety Package I - New Pack Safety (emergency brake assistant with pedestrian detection, lane keeping assistant, traffic sign recognition, fatigue detection, intelligent speed assistant)	●
Parking sensors rear	●
Parking sensors rear	●
Passenger airbag	●
Preparation for diesel heating	●
Techno Trim	●
Traction + inkl. Hochlast ESP	●
USB socket (B+C)	●
Exterior colours Peugeot	
Expedition Grey	●
Exterior structure	
Electric entry step	●
Flyscreen door	●
Framed windows	●
Midi-Heki 70 x 50 cm above the seating group with flyscreen and blackout blinds	●
Mini-Heki 40 x 40 cm above the rear area with flyscreen and blackout blinds	●
Windows with fly screen and blackout blind in rear doors	●
Windows with fly screens and blackout blinds in the kitchen and at the seating area	●
Interior construction / living space	
2-burner gas cooker with electric ignition	●
Clothes rail in rear	●
Comfortable removable sofa with integrated bed function	●
Comfortable seating group with high-quality side wall panelling	●
Compressor refrigerator 70l with double stop	●
Ergonomically arranged kitchen with generous work surface	●
Flexi-table, also usable outdoors	●
Folding privacy screen in driver's cab: side windows	●
Folding privacy screen in driver's cab: windscreen	●

Front with spacious storage above the driver's cab	●
Generous storage space and storage options	●
Kitchen base cabinet with compartments	●
Rear storage space with 4 integrated lashing eyes	●
Removable kitchen module with modular tanks	●
Separate sink with designer tap	●
Upholstery Canaima	●
Wood décor: Makalu Pearl Grey	●
Heating	
Board control panel with indication of all fill levels and battery capacities	●
Standard control panel for CP Classic heater, analogue	●
Underfloor diesel heater 2kW warm air	●
Water supply	
Water canister 10l, waste water canister 10l	●
Gas	
Storage compartment for gas bottles with 2.8 kg filling weight	●
Electrical installation	
2x 230V sockets, 2x double USB sockets	●
CEE exterior socket for 230 V with circuit breaker	●
Cable preparation for navigation/reversing camera	●
Dimmable ceiling and wall lighting	●
Electric charger for habitation and vehicle battery 12 V / 18 A (trickle charge)	●
Light switches optimally distributed in the vehicle, including directly at the entrance	●
Powerful, maintenance-free battery AGM (95 Ah)	●
Safety	
6-year leakage guarantee	●

Packages PEUGEOT ELMNT 5.41

Package	Chassis Package (16118)	Chassis Package ACC (16119)
Blind Spot Monitor, power-adjustable side mirrors	x	x
Full LED headlights	x	x
Bumpers in body colour, skid plate in black, fog lights	x	
Bumpers in body colour, skid plate in black, fog lights		x
Adaptive Cruise Control (ACC) - Adaptive Cruise Control (ACC) > 30 km/h, fog lights		x
Additional weight (kg)*	△	△

Package	Electric Package (541) (15511)
Awning light	x
Indirect lighting, dimmable	x
LED profile light in kitchen (overhead cabinet)	x
Pre-wiring solar system	x
Additional weight (kg)*	4.9

△ Not known at the time of publication

* INFO

The factory installation of optional equipment increases the actual mass of the vehicle and reduces the pay-mass. The additional weight indicated for packages and optional equipment shows the additional weight compared to the standard equipment of the respective model or layout. The total weight of the selected optional equipment must not exceed the manufacturer-specified mass for optional equipment shown in the model overviews. This is a calculated value for each type and layout that CROSSCAMP uses to determine the maximum weight available for factory-fitted optional equipment. Detailed information and explanations on the subject of weight can be found in the Legal information section.

Optional equipment*

	Additional weight (kg)*	Code	5.41
Base vehicle engine Peugeot			
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15880	○
Peugeot Boxer BlueHDi 180 (2.2 l / 180 hp / 132 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15881	○
Exterior structure			
Awning	32.4	1646	○
Pop-up roof black, opens completely at the front incl. electric closing assistant, fly screen, gooseneck light and USB socket, with high-quality mattress	145.5	10306	○
Interior construction / living space			
Modular wardrobe and flexible toilet box (removable box toilet incl. textile room divider)	27	15191	○
Electrical installation			
150 Ah lithium-ion battery, 1 unit (replaces the standard 95 Ah AGM habitation battery)	-6	15757	○
150 Ah lithium-ion battery, 2 units (replaces the standard 95 Ah AGM habitation battery)	10	15758	○
Packages			
Chassis Package	△	16118	○
Chassis Package ACC	△	16119	○
Electric Package (541)	4.9	15511	○
Miscellaneous			
Registration documents (CoC papers)	0	15152	◆

○ Optional equipment — Not possible ● Standard equipment ◆ Mandatory △ Not known at the time of publication

* INFO

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PEUGEOT ELMNT 5.4 | 6.0 | 6.4
Technical info

PEUGEOT ELMNT 5.4 | 6.0 | 6.4		5.4 DS	6.0 DS	6.4 ES
Standard chassis		Peugeot Boxer	Peugeot Boxer	Peugeot Boxer
Standard engine		2.2 BlueHDi	2.2 BlueHDi	2.2 BlueHDi
kW (bhp)		103 (140)	103 (140)	103 (140)
Emission standards		Euro 6e-bis	Euro 6e-bis	Euro 6e-bis
Overall length, approx.	cm	541	599	636
Overall width, approx.	cm	205	205	205
Overall width with mirrors, approx.	cm	265	265	265
Overall height, approx.	cm	258 [4] / 278 ○	258 [4] / 278 ○	258 [4] / 278 ○
Overall height (open pop-top roof)	cm	358	358	358
Headroom in living area, approx.	cm	189	189	189
Towable load braked/unbraked	kg	2500 [1] / 750	2500 [1] / 750	2500 [1] / 750
Wheelbase, approx.	mm	3450	4040	4040
Bed dimension: Central / middle bed, L x W, approx.	cm	185 x 87 - 63 ○	185 x 105 - 88 ○	185 x 105 - 88 ○
Bed dimension: Rear bed, L x W, approx.	cm	195 x 133 - 130	197 x 157 - 150	192 - 184 x 195
Bed dimension: pop-up roof, L x W, approx.	cm	209 x 143 ○	209 x 143 ○	209 x 143 ○
Sleeping berths standard / max.		2 / 5 ○	2 / 5 ○	2 / 5 ○
Mass in running order (+/-5%)*	kg	2651 (2518 - 2784)*	2751 (2613 - 2889)*	2836 (2694 - 2978)*
Manufacturer-specified mass for optional equipment*	kg	504	402	310
Technically permissible maximum laden mass*	kg	3500	3500	3500
Permitted number of seats (including driver)*		4	4	4
Waste water tank, approx.	l	90	90	90

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PEUGEOT ELMNT 5.4 | 6.0 | 6.4
Technical info

PEUGEOT ELMNT 5.4 | 6.0 | 6.4	5.4 DS	6.0 DS	6.4 ES
Fresh water tank capacity, total/ Fresh water tank capacity at driving filling l	100 / 20	100 / 20	100 / 20

○ Optional equipment — Not possible ● Standard equipment ◆ Mandatory △ Not known at the time of publication

* INFO

The specified mass in running order is a default value defined in the type-approval procedure. Due to manufacturing tolerances, the actual weighed mass in running order may deviate from the value stated above. Deviations of up to ± 5 % of the mass in running order are legally permissible and possible. The permissible range in kilograms is given in brackets after the mass in running order. The manufacturer-specified mass for optional equipment is a calculated value for each type and layout that CROSSCAMP uses to determine the maximum weight available for factory-fitted optional equipment. The limitation of optional equipment is intended to ensure that the minimum pay-mass, i.e. the legally prescribed free mass for baggage and retrofitted accessories, is actually available for the vehicle load capacity of the vehicles delivered by CROSSCAMP. The real weight of your vehicle ex works can only be determined when it is weighed at the end of the line. If, in exceptional cases, the weighing shows that the actual load capacity falls below the minimum pay-mass despite limiting the optional equipment due to a permissible weight deviation, we will check together with your trade partner and you whether we should, for example, increase the load capacity of the vehicle, reduce the number of seats or remove optional equipment before delivering the vehicle. The technically permissible maximum laden mass of the vehicle and the technically permissible maximum mass on the axle must not be exceeded. Detailed information & explanations on the subject of weight and the configuration of the vehicle can be found in the section Legal information. For a more detailed description of all mandatory technical dependencies, please refer to the explanations on the footnotes.

Standard equipment

	5.4 DS	6.0 DS	6.4 ES
Base vehicle engine Peugeot			
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight	●	—	—
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight	—	●	—
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight	—	—	●
Base vehicle equipment Peugeot			
90 litre diesel tank	●	●	●
All-weather tyres M+S* Camping Snowflake	●	●	●
Cab air conditioning	●	●	●
Captain's Chair, including 2 armrests	●	●	●
Cruise control	●	●	●
Cup Holder	●	●	●
DAB antenna in mirror, speakers, steering wheel radio control	●	●	●
Driver/passenger seat in living area fabric	●	●	●
Electrically adjustable and heated exterior mirrors	●	●	●
Fix & Go puncture repair kit: tyre inflation kit and towing eye	●	●	●
Headlight frame black	●	●	●
New Safety Package I - New Pack Safety (emergency brake assistant with pedestrian detection, lane keeping assistant, traffic sign recognition, fatigue detection, intelligent speed assistant)	●	●	●
Parking sensors rear	●	●	●
Parking sensors rear	●	●	●
Passenger airbag	●	●	●
Traction + inkl. Hochlast ESP	●	—	—
Tyres: 15-inch steel rims (light) 16-inch steel rims (maxi/automatic)	●	●	●
USB socket (B+C)	●	●	●
Exterior colours Peugeot			
Expedition Grey	●	●	●
Exterior structure			
Exterior decals ELMNT	●	●	●
Flyscreen door	●	●	●
Mini-Heki 40 x 40 cm above the rear area with flyscreen and blackout blinds	●	●	●
Opening window	●	●	●
Skylight in the bathroom with integrated fly screen	●	●	●
Windows with fly screen and blackout blind in rear doors	●	●	●
Windows with fly screens and blackout blinds in the kitchen and at the seating area	●	●	●
Interior construction / living space			
2-burner stove and sink combination with electric ignition	●	●	●
CROSSCAMP coat hooks	●	●	●
Compressor refrigerator 84 l incl. freezer compartment 6.1 l	●	●	●
Design cladding of side wall seating and kitchen	●	●	●
Ergonomically arranged kitchen with generous work surface	●	●	●
Ergonomically shaped pads for more sitting comfort	●	●	●
Generous storage space and storage options	●	●	●
High-quality mattresses for increased sleeping comfort	●	●	●
Multifunctional rail on the kitchen back panel (for matching accessories)	●	●	●
Partition wall incl. steps to enter the rear double bed	●	●	●
Platform of the seating group with integrated storage compartment	●	●	●
Rear bed with partial slatted frame	●	●	●
Rear storage space with 4 integrated lashing eyes	●	●	●

	5.4 DS	6.0 DS	6.4 ES
Spacious kitchen base cabinet with servo-soft drawer	●	●	●
Storage area behind cooker	—	●	●
Storage compartments in rear and sliding doors	●	●	●
Swing bathroom with roller door, swing wall, and cassette toilet	●	●	●
Upholstery Caroni	●	●	●
Wood décor: Makalu Pearl Grey / Cozy White / Trace Darkgrey	●	●	●
Heating			
Board control panel with indication of all fill levels and battery capacities	●	●	●
Hot air heating 4 kW with hot water boiler	●	●	●
Water supply			
Water tank 100l, waste water tank 90l	●	●	●
Gas			
Gas shut-off valves easily accessible and centrally located	●	●	●
Storage compartment for two gas bottles, each with 11 kg filling weight	●	●	●
Electrical installation			
CEE exterior socket for 230 V with circuit breaker	●	●	●
Electric charger for habitation and vehicle battery 12 V / 18 A (trickle charge)	●	●	●
Individually adjustable LED reading spots	●	●	●
LED profile light in kitchen (overhead cabinet)	●	●	●
Podium of seating group with indirect lighting and automatic door opening	●	●	●
Powerful, maintenance-free battery AGM (95 Ah)	●	●	●
Rear storage compartment lighting	●	●	●
Sockets: 1x 12V, 3x 230V, 1x double USB	●	●	●
Safety			
6-year leakage guarantee	●	●	●
Isofix	●	●	●

Packages PEUGEOT ELMNT 5.4 | 6.0 | 6.4

Package	Alu Kit (for manual transmission) (15493)	Alu Kit (for automatic transmission) (15494)
16" alloy wheels in black (light)	x	
Leather-trimmed steering wheel and gear knob	x	x
Techno Trim	x	x
Maxi/automatic chassis: 16" bicolour alloy wheels		x
Additional weight (kg)*	5.6	-9.4

Style Kit (14577)	
Bumpers in body color	
Skid plate black	
Fog light	
Additional weight (kg)*	2

Base Kit (15544)	
Folding privacy screen in driver's cab: windscreen	
Folding privacy screen in driver's cab: side windows	
Midi-Heki 70 x 50 cm above the seating group with flyscreen and blackout blinds	
Framed windows in living area (tilting windows in rear doors)	
Window in the bathroom	
Electric entry step	
Wooden grate in the shower	
Clothes rail in the bathroom	
Swivelling plate table extension	
Additional weight (kg)*	26.9

Volt Kit (15228)	
Pre-wiring solar system	
TV preparation 12V	
USB socket in light rail	
Pre-wiring for rear view camera	
Additional weight (kg)*	3.8

△ Not known at the time of publication

* INFO

The factory installation of optional equipment increases the actual mass of the vehicle and reduces the pay-mass. The additional weight indicated for packages and optional equipment shows the additional weight compared to the standard equipment of the respective model or layout. The total weight of the selected optional equipment must not exceed the manufacturer-specified mass for optional equipment shown in the model overviews. This is a calculated value for each type and layout that CROSSCAMP uses to determine the maximum weight available for factory-fitted optional equipment. Detailed information and explanations on the subject of weight can be found in the Legal information section.

Optional equipment*

	Additional weight (kg)*	Code	5.4 DS	6.0 DS	6.4 ES
Base vehicle engine Peugeot					
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15880	O	–	–
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15883	–	O	–
Peugeot Boxer BlueHDi 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15886	–	–	O
Peugeot Boxer BlueHDi 180 (2.2 l / 180 hp / 132 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15881	O	–	–
Peugeot Boxer BlueHDi 180 (2.2 l / 180 hp / 132 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15884	–	O	–
Peugeot Boxer BlueHDi 180 (2.2 l / 180 hp / 132 kW) - 3,499 kg gross vehicle weight - automatic transmission	60	15887	–	–	O
Exterior structure					
Awning (5.4) [6)]	29	355	O	–	–
Awning (6.0 DF) [6)]	32.2	6549	–	O	–
Awning (6.4 EF) [6)]	33.7	859	–	–	O
Front with panorama window	10.5	6432	O	O	O
Pop-up roof black, opens completely at the front incl. electric closing assistant, fly screen, gooseneck light and USB socket, with high-quality mattress [5)]	160	10306	O	O	O
Window with fly screen and blackout blind in rear left	5.6	354	O	O	O
Interior construction / living space					
Guest bed across the living area	13.9	1944	–	O	O
Guest bed across the living area	10.4	1944	O	–	–
Upholstery Canaima	2.2	11765	O	O	O
Multimedia					
Flat-screen TV bracket	2.6	8464	O	O	O
Heating					
Gas-electric heating Combi 6E including digital control panel	1	995+330	O	O	O
Water supply					
Waste water tank insulated and heated	11.5	9846	O	O	O
Gas					
Automatic gas cylinder switchover incl. crash sensor and EisEx	1.9	1577	O	O	O

* INFO

The factory installation of optional equipment increases the actual mass of the vehicle and reduces the pay-mass. The additional weight indicated for packages and optional equipment shows the additional weight compared to the standard equipment of the respective model or layout. The total weight of the selected optional equipment must not exceed the manufacturer-specified mass for optional equipment shown in the model overviews. This is a calculated value for each type and layout that CROSSCAMP uses to determine the maximum weight available for factory-fitted optional equipment. Detailed information and explanations on the subject of weight can be found in the Legal information section. An increase of load capacity increases the manufacturer-specified mass for optional equipment. The increase results from the higher pay-mass due to the alternative chassis. The increased tare weight of the alternative chassis and, in particular, the weight for any mandatory heavier engine variants (e.g. 180 hp) must be deducted from this. For a more detailed description of all mandatory technical dependencies, please refer to the explanations on the footnotes.

	Additional weight (kg)*	Code	5.4 DS	6.0 DS	6.4 ES
Electrical installation					
Second habitation battery AGM (95 Ah)	27	830	○	○	○
Packages					
Alu Kit (for automatic transmission)	-9.4	15494	○	○	○
Alu Kit (for manual transmission)	5.6	15493	○	○	○
Base Kit [7)]	26.9	15544	○	○	○
Style Kit	2	14577	○	○	○
Volt Kit	3.8	15228	○	○	○
Miscellaneous					
Registration documents (CoC papers)	0	15152	◆	◆	◆

○ Optional equipment — Not possible ● Standard equipment ◆ Mandatory △ Not known at the time of publication

* INFO

The factory installation of optional equipment increases the actual mass of the vehicle and reduces the pay-mass. The additional weight indicated for packages and optional equipment shows the additional weight compared to the standard equipment of the respective model or layout. The total weight of the selected optional equipment must not exceed the manufacturer-specified mass for optional equipment shown in the model overviews. This is a calculated value for each type and layout that CROSSCAMP uses to determine the maximum weight available for factory-fitted optional equipment. Detailed information and explanations on the subject of weight can be found in the Legal information section. An increase of load capacity increases the manufacturer-specified mass for optional equipment. The increase results from the higher pay-mass due to the alternative chassis. The increased tare weight of the alternative chassis and, in particular, the weight for any mandatory heavier engine variants (e.g. 180 hp) must be deducted from this. For a more detailed description of all mandatory technical dependencies, please refer to the explanations on the footnotes.

TECHNICAL INFORMATION / FOOTNOTES

If you order your vehicle with additional equipment, you should check whether it makes sense or is necessary to increase the vehicle's weight! The optional equipment partially replaces the standard equipment.

FOOTNOTES

1) When selecting a Maxi chassis, the towing capacity changes to 3,000 kg.
2) Additional seats (up to 2) available via Custom Parts. The vehicle is already approved for 4 seats.
3) When selecting a Maxi chassis or automatic transmission, the matt black rims are replaced by two-tone rims.
4) When selecting 16" tires, the overall height changes to 265 cm.
5) In conjunction with the pop-up roof 10306, the Heki in the rear area is omitted.
6) In combination with the pop-up roof 10306, the additional weight of the awning with adapter increases by approx. 4 kg (5.4/6.0) or 6 kg (6.4).
7) In conjunction with the pop-up roof, the base kit 15545 is selected. Midi Heki is then installed in the pop-up roof, not directly above the seating area.

LEGAL NOTES ON WEIGHT-RELATED INFORMATION

The weight specifications and tests for motorhomes are uniformly regulated throughout the EU in EU Implementing Regulation No. 2021/535 (until June 2022: EU Implementing Regulation No. 1230/2012). We have summarised and explained the key terms and legal requirements from this regulation for you below. Our dealers and the Dethleffs configurator on our website offer you additional assistance in configuring your vehicle.

1. Technically permissible maximum laden mass

The **technically permissible maximum laden mass** of the vehicle (e.g. 3,500 kg) is a mass specification set by the manufacturer which the vehicle must not exceed. Information on the technically permissible maximum laden mass of the model you have chosen can be found in the technical data. If the vehicle exceeds the technically permissible maximum laden mass in everyday driving, this constitutes an administrative offence which may result in a fine.

2. Mass in running order

In simple terms, the **mass in running order** is the basic vehicle with standard equipment plus a legally fixed standard weight of 75 kg for the driver. This essentially includes the following items:

- the unladen weight of the vehicle together with the bodywork, including operating fluids such as greases, oils and coolants;
- the standard equipment, i.e. all equipment items that are included as standard in the factory-fitted scope of delivery;
- the fresh water tank filled to 100 % in driving mode (driving fill according to manufacturer's specifications;) and an aluminium gas cylinder filled to 100 %;
- the fuel tank, which is 90 % full, including fuel;
- the driver, whose weight – regardless of the actual weight – is generally specified as 75 kg in accordance with EU law.

Information on the mass in running order can be found for each model in our sales documents. It is **important to note** that the value for mass in running order given in the sales documents is a default value determined in **the type-approval procedure** and verified by the authorities. It is legally permissible and possible for the mass in running order of the vehicle delivered to you to deviate from the nominal value stated in the sales documents. The **legally permissible tolerance is ±5 %.** In this way, the EU legislator accounts for the fact that certain fluctuations in the mass in running order occur due to variations in the weight of supplied parts as well as due to processes and weather conditions.
These weight deviations can be illustrated by means of an example calculation:

- Mass in running order acc. to sales documents: 2.850 kg
- Legally permissible tolerance of ±5 %: 142,50 kg
- Legally permissible range of mass in running order: 2.707,50 kg to 2.992,50 kg

The specific range of permissible weight deviations can be found for each model in the technical data. Dethleffs makes great efforts to reduce weight variations to the minimum that is unavoidable for production reasons. Deviations at the upper and lower end of the range are therefore very rare; however, they cannot be completely ruled out technically, even with all optimisations. The real weight of the vehicle and compliance with the permissible tolerance is therefore checked by Dethleffs by weighing each vehicle at the end of the line.

3. Mass of the passengers

The **mass of the passengers** is set a standard value of 75 kg for each seat provided by the manufacturer, regardless of the actual weight of the passengers. The mass of the driver is already included in the mass in running order (see no. 2 above) and is therefore not included again. In the case of a motorhome with four permitted seats, the mass of the passengers is therefore 3 x 75 kg = 225 kg.

4. Optional equipment and actual mass of the vehicle

Optional equipment (also: additional equipment) includes, according to the legal definition, **all optional equipment parts** not included in the standard equipment **which are fitted to the vehicle under the responsibility of the manufacturer** – i.e. ex works – and can be ordered by the customer (e.g. awning, bicycle or motorbike carrier, satellite system, solar system, oven, etc.). Information on the individual or package weights of the optional equipment that can be ordered can be found in our sales documents. Optional equipment in this sense does not include other accessories that are retrofitted by the dealer or you personally after the vehicle has been delivered ex works.
The mass of the vehicle in running order (see no. 2 above) and the mass of the optional equipment fitted to a specific vehicle at the factory are together referred to as the actual mass. You will find the corresponding information for your vehicle after handover under item 13.2 of the Certificate of Conformity (CoC). Please note that this specification also represents a standardised value. Since the mass in running order – as an element of the actual mass – is subject to a legally permissible tolerance of ± 5 % (see no. 2), the actual mass may also deviate accordingly from the stated nominal value

5. Pay-mass and minimum pay-mass

The installation of optional equipment is also subject to technical and legal limits: Only so much **optional equipment** can be ordered and fitted at the factory that sufficient free weight remains for baggage and other accessories ("**pay-mass**") without exceeding the technically permissible maximum laden mass. The pay-mass is calculated by subtracting the mass in running order (nominal value according to sales documents, see no. 2 above), mass of the optional equipment and the mass of the passengers (see no. 3 above) from the technically permissible maximum laden mass (see no. 1 above). The EU regulations stipulate a fixed **minimum pay-mass** for motorhomes, which must remain as a minimum for baggage or other non-factory-fitted accessories. This minimum pay-mass is calculated as follows:

Minimum pay-mass in kg ≥ 10 x (n + L)
Where:
"n" is the maximum number of passengers plus the driver and "L" is the overall length of the vehicle in metres.

For a motorhome with a length of 6 m and 4 approved seats, the minimum pay-mass is therefore e.g. 10 kg x (4 + 6) = 100 kg.
To ensure that the minimum pay-mass is maintained, there is a maximum combination of optional equipment that can be ordered for each vehicle model. In the above example with a minimum pay-mass of 100 kg, the total mass of optional equipment for a vehicle with four permitted seats and a mass in running order of 2,850 kg should not exceed 325 kg:

3.500 kg technically permissible maximum laden mass
– 2.850 kg mass in running order
– 3 x 75 kg mass of the passengers
– 100 kg minimum pay-mass
= 325 kg maximum permissible mass of optional equipment

It is important to note that this calculation is based on the default value for mass in running order as defined in the type-approval procedure, without taking into account the permissible weight deviations for mass in running order (see no. 2 above). If the maximum permissible value for the optional equipment of (in the example) 325 kg is almost or completely exhausted, an upward weight deviation can therefore result in the minimum pay-mass of 100 kg being met mathematically using the default value for the mass in running order, although in fact there is no corresponding load capacity. Here, too, an example calculation for a vehicle with four seats, whose real weighed mass in running order is 2 % above the nominal value:

3.500 kg technically permissible maximum laden mass
– 2.907 kg real weighed mass in running order (+2 % compared to the stated value of 2,850 kg)
– 3 x 75 kg mass of the passengers
– 325 kg optional equipment (maximum permissible value)
= 43 kg actual load capacity (< minimum pay-mass of 100 kg)

In order to avoid such a situation, CROSSCAMP further reduces the maximum permissible weight of the total optional equipment that can be ordered on a model-specific basis. The limitation of optional equipment is intended to ensure that the minimum pay-mass, i.e. the legally prescribed free mass for baggage and retrofitted accessories, is actually available for the vehicle load capacity of the vehicles delivered by CROSSCAMP.
Since the weight of a specific vehicle can only be determined when it is weighed at the end of the line, in very rare cases a situation may arise in which the minimum pay-mass at the end of the line is not guaranteed, despite this limitation of optional equipment. In order to guarantee the minimum pay-mass even in these cases, CROSSCAMP will check together with your trade partner and you before delivery of the vehicle whether, for example, the vehicle is loaded up, seats are reduced or optional equipment is removed.

6. Effects of tolerances of the mass in running order on the pay-mass

Regardless of the minimum pay-mass, you should note that unavoidable production-related fluctuations in the mass in running order – both upwards and downwards – have a mirror-image effect on the remaining load capacity: If you order our example vehicle (see no. 3. above), for example, with optional equipment with a total weight of 150 kg, the calculated pay-mass based on the default value for the mass in running order is 275 kg. The load capacity actually available may deviate from this value due to tolerances and may be higher or lower. If the mass in running order of your vehicle is, for example, permissibly 2 % higher than stated in the sales documents, the load capacity is reduced from 275 kg to 218 kg:

3.500 kg technically permissible maximum laden mass
– 2.907 kg real weighed mass in running order (+2 % compared to the stated value of 2,850 kg)
– 3 x 75 kg mass of the passengers
– 150 kg optional equipment ordered for the specific vehicle
= 218 kg actual load capacity

As a precaution to ensure that the calculated pay-mass is actually given, you should therefore take the possible and permissible tolerances for the mass in running order into account when configuring your vehicle.
We also recommend that you weigh the laden motorhome on a non-automatic scale before each journey and, taking the individual weight of the passengers into account, determine whether the technically permissible maximum laden mass and the technically permissible maximum mass on the axle are observed.

GENERAL INFORMATION

The information on the scope of delivery, appearance, performance, dimensions and weights of the vehicles corresponds to the knowledge available at the time of going to press and to the European homologation regulations.

Technical changes in design and equipment as well as errors excepted. These Technical Information is valid from 1 August 2026. Vehicle illustrations in this document may contain optional equipment subject to an extra charge. We expressly reserve the right to make changes. With the publication of this Technical Information, all previous technical documents lose their validity.

Different Euro prices may apply throughout Europe. This is due to different country-specific standard equipment and different VAT and luxury tax rates.

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