

Motorhomes and campervans • Model year 2026

Technical data and standard equipment



AhornCamp

Standard equipment

Semi-Integrated / Alcove

CHASSIS

- Renault Master, 130 hp, 350 Nm, turbo diesel, 2.0 L dCi common rail, 6-speed manual transmission
 - Eco mode with start-stop
 - 16-inch steel rims
 - Driver and passenger airbags
 - Electric windows, electrically adjustable and heated side mirrors
 - Central locking for driver's cab
 - On-board computer und eCall emergency button
 - Height-adjustable seat belts for driver and front passenger
 - Remote control key for locking and unlocking, dipped headlights and cockpit lightning
 - Hight- and depth-adjustable multifunction steering wheel
 - Swivel cab seats with 2 height-adjustable armrests per seat (depending on model)
 - Blackout curtain in the cab
 - Radio roof antenna for improved reception and DAB
-

BODYWORK & EXTERIOR

- EPS thermal insulation
 - GRP-roof, outer skin and underbody
 - Gas compartment for 2x11 kg propane gas bottles
 - Garage illuminated, heated and lockable
 - 6 adjustable lashing eyes including 2 rails for securing the load in the garage*
 - XL body door (60 cm) with low entry and window (cannot be opened)
 - Sawiko frame extension
 - LED rear lights including 3rd brake light
 - Aerodynamic rood scoop and ABS connection between living area and driver's cab
 - External power connection and water filler neck
-

LIVING AREA

- "Moon" fabric design in light grey or "Dune" imitation leather in beige (optional)
- LED ambient lightning concept
- Window curtains in living area design
- Window trim frames in living room design in kitchen and dinette
- Mirror in living area (depending on model)
- Adjustable table top in dinette
- Expandable dinette seating with T-piece incl. seat cushion (depending on model, L-shaped dinette)
- Entry aid / handrail in the entrance area
- Dinette cushions removable (with zip)

- Removable headrests
 - Dometic frame windows with Remis blackout blinds and fly screens
 - Roof window with blackout blind and mosquito net
 - Slatted frames for beds, including fall protection / net
 - Comfortable ergonomic mattresses from Cowan, breathable with stretch cover, machine washable
 - Extendable clothes rail in wardrobe under single bed (depending on model)
-

KITCHEN

- 2 to 3-burner hob from CAN with Piezo ignition
 - Thetford absorption automatic refrigerator
 - Soft-close kitchen drawers with cutlery tray
 - Soft-close hinges on wall cabinets with push lock
 - Cooker and sink cover for extended work surface
-

BAD

- Thetford toilet with removable cassette
 - Roof hatch for ventilation
 - Shower, mirror, washbasin and cupboards
-

HEATING & WATER SUPPLY

- Truma Combi C4 gas with air vents in the living area, driver's cab, garage and bathroom
 - Truma CP+ digital heating control panel with timer
 - Internal fresh water tank with electric submersible pump
 - Drain pipes with siphon and waste water tank with external vent to prevent odours
-

TECHNOLOGY

- Control panel from CBE
- Adjustable reading lights with USB sockets
- Automatic battery charger 22 A
- FI (main fuse box) easily accessible
- Easy accessible gas shut-off valves

Standard equipment

Campervans

CHASSIS

- Renault Master, 130 hp, 350 Nm, turbo diesel, 2.0L dCi common rail, 6-speed manual transmission
 - Eco mode with start & stop
 - 16-inch steel rims
 - Driver and front passenger airbags
 - Electric windows, electrically adjustable and heated side mirrors
 - Central locking for cab, side and rear doors
 - On-board computer and eCall emergency button
 - Height-adjustable seat belts for driver and front passenger
 - Remote control key for locking and unlocking, dipped headlights and cockpit lightning
 - Height- and depth-adjustable multifunction steering wheel
 - Swivel cab seats with 2 height-adjustable armrests per seat (depending on model)
 - Blackout curtain in the cab
 - Radio roof antenna for improved reception and DAB
-

BODYWORK & EXTERIOR

- PE thermal insulation
 - Gas compartment for 2x11 kg propane gas bottles
 - Aerodynamic body design: approx. 20 % lower drag coefficient compared to predecessor
 - External power connection and water filler neck
-

LIVING AREA

- LED ambient lightning concept
- Designer panels in the sleeping and living areas
- Removable table with swivelling extension
- Removable headrests
- Dometic frame windows with Remis blackout blinds and fly screens
- Roof window with blackout blind and mosquito net
- Windows in rear doors including blackout blinds
- Stable slatted frames for the beds
- Comfortable ergonomic mattresses from Cowan, breathable with stretch cover, machine washable
- Foldable rear beds for easy loading of bulky luggage
- Removable load protection flap

KITCHEN

- 2-burner hob from CAN with piezo ignition
 - Dometic compressor refrigerator with freezer compartment, can be opened from both sides
 - Soft-close kitchen drawers with cutlery tray
 - Soft-close hinges on wall cabinets with push lock
 - Stove + sink cover for extended work surface
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BATHROOM

- Thetford toilet with removable cassette
 - Roof hatch and side window in the bathroom
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HEATING & WATER SUPPLY

- Truma Combi C4 gas with air vents in the living area, bathroom and storage compartments
 - Truma CP+ digital heating control panel with timer
 - Fresh water tank inside, easily accessible with electric submersible pump
 - Drain pipes with siphon and waste water tank with external vent to prevent odours
-

TECHNOLOGY

- Control panel from CBE
- Adjustable reading lights with USB sockets
- 22 A battery charger
- FI (main fuse box) easily accessible
- Easily accessible gas shut-off valves

Model overview Semi-Integrated



Base vehicle	T 590	T 640	T 680	T 690	TE 740	TQ 740
Chassis	Renault Master	Renault Master	Renault Master	Renault Master	Renault Master	Renault Master
Engine displacement [cc]	1,997	1,997	1,997	1,997	1,997	1,997
Base engine power [kW (hp)]	96 (130) (S) 125 (170) (O)	96 (130) (S) 125 (170) (O)	96 (130) (S) 125 (170) (O)	96 (130) (S) 125 (170) (O)	96 (130) (S) 125 (170) (O)	96 (130) (S) 125 (170) (O)
Wheelbase [mm]	3,585	4,213	4,213	4,213	4,213	4,213
Diesel tank	80 l	80 l	80 l	80 l	80 l	80 l
AdBlue tank	20 l	20 l	20 l	20 l	20 l	20 l
Dimensions & weights						
Seats (approved according to homologation)	up to 4 (S)	up to 4 (S)	up to 4 (S)	up to 4 (S) + 1 (O)	up to 4 (S)	up to 4 (S)
Total external length [cm]	599	649	699	699	748	748
Total width external / internal [cm]	232 / 218	232 / 218	232 / 218	232 / 218	232 / 218	232 / 218
Total height external / internal [cm]	285 / 210	285 / 210	285 / 210	285 / 210	285 / 210	285 / 210
Maximum total weight [kg]	3500 (S) - 4000 (O)	3500 (S) - 4000 (O)	3500 (S) - 4000 (O)	3500 (S) - 4000 (O)	3500 (S) - 4000 (O)	3500 (S) - 4000 (O)
Weight in running order [kg] *	2802 (2942 - 2662)	2930 (3077 - 2784)	3001 (3152 - 2850)	2917 (3063 - 2771)	3015 (3174 - 2865)	2995 (3145 - 2845)
Manufacturer-specified dimensions for special equipment [kg]	328	210	134	218	115	135
Towing capacity [kg] braked / unbraked	2,000 / 750	2,000 / 750	2,000 / 750	2,000 / 750	2,000 / 750	2,000 / 750
Body door width [cm]	60	60	60	60	60	60
Garage dimensions (W x H x L) [cm]	△	218×120×46	218×120×76	218×120×94	218×120×112	218×120×120
Garage door right / left (L x W) [cm]	- / 65×65	31×61 / 50×145	59×105 / 50×145	59×105 / 59×80	95×110 / 75×80	95×110 / 75×80
Thickness (floor / walls / roof) [mm]	42 / 34 / 34	42 / 34 / 34	42 / 34 / 34	42 / 34 / 34	42 / 34 / 34	42 / 34 / 34
Beds						
Berths	2 (S) + 1 (O)	2 (S) + 1 (O)	2 (S) + 1 (O)	2 (S) + 2 (O)	2 (S) + 3 (O)	2 (S) + 3 (O)
Rear single beds (L x W) [cm]	-	-	-	R: 199×80 L: 207×80	R: 201×77 L: 207×77	-
Rear double bed (L x W) [cm]	194×134	-	-	-	-	198×148
Elec. fold-down bed above dinette (L x W) [cm]	200×100 (O)	200×140 (S)	200×150 (S)	200×100 (O)	200×140 (O)	200×140 (O)
Dinette bed [cm]	-	195×80 (O)	195×80 (O)	200×80 (O)	195×80 (O)	195×80 (O)
Tanks & Equipment						
Fresh water tank capacity	90 + 20 l	90 + 20 l	90 + 20 l	90 + 20 l	90 + 20 l	90 + 20 l
Capacity of waste water tank	80 l	80 l	80 l	80 l	80 l	80 l
Absorption refrigerator	89 l Thetford	136 l Thetford	136 l Thetford	89 l Thetford	136 l Thetford	136 l Thetford
Cooker	2-burner w/ Piezo CAN	2-burner w/ Piezo CAN	2-burner w/ Piezo CAN	2-burner w/ Piezo CAN	2-burner w/ Piezo CAN	2-burner w/ Piezo CAN
Heating	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4 kW
Toilet	Thetford C223 18 l	Thetford C223 18 l	Thetford C223 18 l	Thetford C223 18 l	Thetford C223 18 l	Thetford C223 18 l
Control system	CBE (S) / Revotion (O)	CBE (S) / Revotion (O)	CBE (S) / Revotion (O)	CBE (S) / Revotion (O)	CBE (S) / Revotion (O)	CBE (S) / Revotion (O)
Other Data						
Roof hatch bathroom [cm]	28×28	40×40	40×40	28×28	28×28	28×28
Sockets 12 V - 230 V	1 - 2+2 (O)	1 - 2+2 (O)	1 - 2+2 (O)	1 - 3+2 (O)	1 - 3+2 (O)	1 - 3+2 (O)
Sockets USB-A + USB-C combo	2	2	2	3	4	4
Isofix child seat mount	2 (O)	1 (O)	1 (O)	2 (O)	1 (O)	1 (O)
Insulation material	EPS	EPS	EPS	EPS	EPS	EPS
Insulation thickness (floor-side walls-roof) [mm]	34 - 30 - 30	34 - 30 - 30	34 - 30 - 30	34 - 30 - 30	34 - 30 - 30	34 - 30 - 30
Battery configuration	AGM 95 Ah (P)	AGM 95 Ah (P)	AGM 95 Ah (P)	AGM 95 Ah (P)	AGM 95 Ah (P)	AGM 95 Ah (P)
Charger	22 A	22 A	22 A	22 A	22 A	22 A



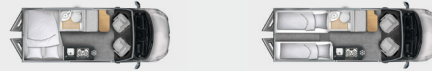
Model overview Alcove



Base vehicle	A 595	A 690	A 720
Chassis	Renault Master	Renault Master	Renault Master
Engine displacement [cc]	1,997	1,997	1,997
Base engine power [kW (hp)]	96 (130) (S) 125 (170) (O)	96 (130) (S) 125 (170) (O)	96 (130) (S) 125 (170) (O)
Wheelbase [mm]	3,585	4,213	4,213
Diesel tank	80 l	80 l	80 l
AdBlue tank	20 l	20 l	20 l
Dimensions & weights			
Seats (approved according to homologation)	up to 4 (S)	up to 4 (S) + 1 (O)	up to 4 (S) + 2 (O)
Overall external length [cm]	599	699	720
Total width external / internal [cm]	232 / 218	232 / 218	232 / 218
Total height external / internal [cm]	314 / 210	314 / 210	314 / 210
Maximum total weight [kg]	3500 (S) - 4000 (O)	3500 (S) - 4000 (O)	3500 (S) - 4000 (O)
Weight in running order [kg] *	2841 (2983 - 2699)	2981 (3130 - 2832)	3035 (3187 - 2883)
Manufacturer-specified dimensions for special equipment [kg]	274	154	98
Towing capacity [kg] braked / unbraked	2,000 / 750	2,000 / 750	2,000 / 750
Body door width [cm]	60	60	60
Garage dimensions (W x H x L) [cm]	△	218×120×94	218×125×145
Garage door right / left (L x H) [cm]	△	59×105 / 59×80	70×110 / 75×80
Thickness (floor / walls / roof) [mm]	42 / 34 / 34	42 / 34 / 34	42 / 34 / 34
Beds			
Berths	4 (S) + 1 (O)	4 (S) + 1 (O)	4 (S) + 2 (O)
Rear single beds (L x W) [cm]	-	R: 199×80 L: 207×80	-
Rear double bed (L x W) [cm]	210×130	-	210×140
Alcove bed (L x W) [cm]	211×147	211×147	211×147
Dinette bed [cm]	-	200×80 (O)	170×100 (O)
Tanks & Equipment			
Fresh water tank capacity	90 + 20 l	90 + 20 l	90 + 20 l
Waste water tank capacity	80 l	80 l	80 l
Absorption refrigerator	89 l Thetford	89 l Thetford	136 l Thetford
Cooker	2-burner w/ Piezo CAN	2-burner w/ Piezo CAN	2-burner w/ Piezo CAN
Heating	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4 kW
Toilet	Thetford C223 18 l	Thetford C223 18 l	Thetford C223 18 l
Control system	CBE (S) / Revotion (O)	CBE (S) / Revotion (O)	CBE (S) / Revotion (O)
Other data			
Roof hatch bathroom [cm]	28×28	28×28	28×28
Sockets 12 V - 230 V	1 - 2+2 (O)	1 - 2+2 (O)	1 - 2+2 (O)
Sockets USB-A + USB-C combo	2	3	3
Isofix child seat mount	2 (O)	2 (O)	2 (O)
Insulation material	EPS	EPS	EPS
Insulation thickness (floor-side walls-roof) [mm]	34 - 30 - 30	34 - 30 - 30	34 - 30 - 30
Battery	AGM 95 Ah (P)	AGM 95 Ah (P)	AGM 95 Ah (P)
Charger	22 A	22 A	22 A



Model overview Campervans



Base vehicle	CV 560	CV 630
Chassis	Renault Master	Renault Master
Engine displacement [cc]	1,997	1,997
Base engine [kW (hp)]	96 (130) (S) 110 (150) (O)	96 (130) (S) 110 (150) (O)
Wheelbase [mm]	3,583	4,213
Diesel tank	80 l	80 l
AdBlue tank	20 l	20 l
Dimensions & weights		
Seats (approved according to homologation)	up to 4 (S)	up to 4 (S)
Overall external length [cm]	568	631
Total external width [cm]	208	208
Total height external / internal [cm]	260 / 187	260 / 187
Maximum total weight [kg]	3500 - 4000 (O)	3500 - 4000 (O)
Weight in running order [kg] *	2766 (2904-2628)	2920 (3066 - 2774)
Manufacturer-specified dimensions for special equipment [kg]	382	221
Towing capacity [kg] braked / unbraked	2,000 / 750	2,000 / 750
Garage under the beds (W x H x L) [cm]	135×83×61	183×73×60
Beds		
Berths	2 (S) + 1 (O)	2 (S) + 1 (O)
Rear single beds (L x W) [cm]	-	R: 198×74, L: 185×74
Rear double bed (L x W) [cm]	190×134	-
Dinette bed (L x W)	167×80 (O)	167×80 (O)
Tanks & Equipment		
Fresh water tank capacity	80 + 20 l	80 + 20 l
Waste water tank capacity	80 l	80 l
Compressor refrigerator	70 l Dometic	70 l Dometic
Cooker	2-burner with Piezo CAN	2-burner with Piezo CAN
Heating	Truma Combi 4 Gas, 4 kW	Truma Combi 4 Gas, 4kW
Toilet	Thetford 18 l	Thetford 18 l
Control system	Revotion	Revotion
Other data		
Roof hatch nathroom (L x W) [cm]	28×28	28×28
Window left dinette / bathroom / rear (L x W) [mm]	560×465 / 280×380 / -	560×465 / 280×380 / 750×465
Window right door / rear (L x W) [mm]	750×465 / -	750×465 / 280×380
Sockets 12 V - 230 V	1 - 2+2 (O)	1 - 2+2 (O)
Sockets USB-A + USB-C combo	3	3
Isofix child seat mount	2 (O)	2 (O)
Insulation material	PE	PE
Insulation thickness (floor - roof) [mm]	22(12) - 21(16)	22(12) - 21(16)
Insulation thickness (floor-side walls-roof) [mm]	np - 20 - 10	np - 20 - 10
Leisure battery	AGM 95 Ah (P)	AGM 95 Ah (P)
Charger	22 A	22 A
Outdoor shower	(O)	(O)

* The weight in running order specified in the technical data is a calculated value from the type approval procedure and is subject to legally permissible tolerances of up to +/- 5%. These tolerances can have a direct impact on the weight of your motorhome, the remaining payload (or load capacity) and thus also on the remaining weight for special equipment and accessories. To ensure that the minimum payload is actually maintained, the legally permissible tolerances for the weight in running order must be taken into account as a precaution when selecting and configuring your motorhome. The technical data and features of the vehicles shown are for reference only. The manufacturer and dealer are therefore not responsible for any changes that may be made during the season for any reason. Sample images are shown, which may differ from the actual design.

Technical information

Mandatory technical dependencies

1. An optional fifth seat must be taken into account as a regular seat when calculating the minimum payload and the weight of passengers. In order to obtain the fifth seat, it must be ensured that the minimum payload is still maintained and that all other legal weight values are complied with. Please contact one of our sales advisors for further information.
2. With the installation of the fold-down bed above the seating area, the 70×50 cm roof hatch is replaced with a 40×40 cm roof hatch.
3. Smart TV does not include a smartphone or SIM card.

Technical notes

(A) The height of the vehicle changes when accessories such as a satellite system, solar system, etc. are installed on the roof.

(B) Before driving, ensure that the fresh water tank does not contain more than 20 litres.

The technical data specified in these brochures corresponds to the weight and dimensions, as well as the equipment and design, according to the state of knowledge and production at the time of printing (August 2025). Ahorn Camp reserves the right to make changes or improvements to the product at any time, while maintaining the characteristics of the product. Please contact an Ahorn Camp sales consultant to find out about any changes in the standard equipment compared to this publication. Due to different material compositions, there may be changes in the colour tone of the individual components.

Any subsequent work carried out on the vehicle that affects its mass values is the responsibility of the vehicle owner. Please note that subsequent modifications to the vehicle, such as roof structures, will affect the vehicle height and axle loads. The dimensions specified are standard values for type-approved vehicles. Due to manufacturing tolerances, actual dimensions may differ from the values specified. A weight deviation of up to $\pm 5\%$ is reasonable, legally permissible and possible. The installation of optional equipment may result in changes to the mass values depending on the model version or layout.

Other comments

Ahorn Camp Ltd. reserves the right to change the technical specifications of the body and chassis, the characteristics of the interior fittings and the list of accessories at any time without prior notice. We reserve the right to replace or change the brands and models of the components listed in the catalogue with equivalent or higher-quality products without prior notice.

Despite careful checks, this price list may contain text or photos of prototypes that had not yet been finalised at the time of printing (August 2025). Changes may affect the design, materials, equipment, technical data and standard equipment. Furthermore, images taken of other models may be used.

Some of the photographs presented in the catalogue contain vehicles and details and/or equipment that are not part of the standard equipment. The photos may be supplemented with interior accessories, e.g. plates, glasses, etc., which are not included in the equipment of the vehicles.

The price list reflects the equipment and characteristics valid at the time of printing. Your Ahorn Camp authorised dealer will inform you of any changes. All optional extras are subject to a surcharge. Prices for options and accessories can be found in the respective price lists. Any special and/or specific uses requested by the customer must be communicated to an Ahorn Camp dealer before the purchase contract is concluded.

Price notes

All prices are ex works and are recommended retail prices. The information on prices, equipment, options and technical data is based on the knowledge available at the time of printing. Prices include the currently applicable statutory value added tax of 19% and are subject to adjustment in the event of changes in tax rates. Errors, misprints and changes are reserved.

Legal and technical information on vehicle weights and weight-related data

Since every motorhome is only approved for a specific total weight in road traffic, the legal and technical requirements for vehicle weights play a special role in the selection and configuration of the right motorhome. It is important that the permissible total weight is not exceeded under any circumstances while driving, as otherwise you may face a fine.

The legal requirements for motorhome vehicle weights are contained in Commission Implementing Regulation (EU) 2021/535 of 31 March 2021 (until 06/2022: Commission Regulation (EU) No 1230/2012 of 12 December 2012). These must be taken into account when selecting and configuring your motorhome. Below you will find some explanations and further information on the subject of 'vehicle weights and weight-related information'. Our sales staff will also be happy to assist you in selecting and configuring your motorhome.

1. The permissible total weight

The permissible total weight (or technically permissible total mass) of the vehicle is the weight entered in the registration certificate under point F.1., which is the maximum weight your motorhome may weigh when loaded and in operation (e.g. 3,500 kg). If the permissible total weight is exceeded while driving, fines may be imposed in many European countries, including Germany.

As the driver, you are responsible for ensuring that the technically permissible total weight is not exceeded. You should therefore weigh your motorhome before each journey and check that the permissible total weight is not exceeded. The permissible total weight for each layout can be found in the technical data.

2. Weight in running order

The weight in running order (or mass in running order) refers to the weight of the vehicle including:

- the unladen weight of the vehicle including the bodywork and filled operating fluids such as lubricants, oils and coolants;
- the standard equipment, i.e. all equipment items that are included as stan-

dard in the factory-installed scope of delivery; the standard equipment of the vehicle according to the manufacturer's specifications;

- the fresh water tank filled to 100% capacity during operation (filled according to the manufacturer's specifications; 20 litres) and a 100% filled aluminium gas cylinder weighing 16 kg,
- the mass of the body, cab, trailer coupling and tyre repair kit as well as the tools,
- the fuel tank filled to 90% capacity, including fuel,
- the weight of the driver, which is calculated at a flat rate of 75 kg.

The kerb weight is therefore the factory standard configuration of your motorhome plus the legally stipulated weight for the driver of 75 kg. This is entered by the manufacturer in section 13.1 of the EC Certificate of Conformity (CoC). Information on the kerb weight can also be found in the technical data for each floor plan.

Please note: The kerb weight values specified in the CoC and in the technical data are calculated values from the type approval procedure and are subject to legally permissible tolerances of up to +/- 5%. These tolerances can have a direct impact on the weight of your motorhome, the remaining payload (or load capacity) and thus also on the remaining weight for special equipment and accessories.

Example:

Weight in running order according to technical data: 2,802 kg
Legally permissible tolerance of ±5%: 140.1 kg
Legally permissible range of weight in running order: 2,661.9 to 2,942.1 kg
The legally permissible range of weight in running order can also be found in the technical data for each floor plan.

3. The number of approved seats and the weight of passengers and co-drivers

The number of approved seats is determined by the manufacturer during the type approval process. This determines the weight of passengers and co-drivers. This is calculated as a flat rate of 75 kg for each approved seat, minus the

weight of the driver, whose weight has already been taken into account in the kerb weight (see above), regardless of the actual weight of the passengers and co-drivers. For a motorhome with four approved seats, the weight of passengers and co-drivers is therefore 225 kg (3 × 75 kg).

The number of approved seats specified in the technical data refers to the respective floor plan in series production condition without special equipment and accessories. This is the maximum possible number of people that may be transported in the vehicle. However, the number of approved seats depends on the individual vehicle weight and axle loads and may be reduced by the installation of special equipment and accessories. Depending on the floor plan, the specified number of seats can only be achieved by increasing the permissible total weight and/or removing special equipment and accessories.

4. The actual weight

The actual weight (or actual mass) of the motorhome is the weight in running order plus the weight of any special equipment (or additional equipment) already fitted at the factory. The actual weight is entered by the manufacturer in section 13.2 of the EC Certificate of Conformity (CoC).

Please note: The values for the actual weight specified in the CoC and in the technical data are also calculated values from the type approval procedure. Since the weight in running order as part of the actual weight is subject to legally permissible tolerances of up to +/- 5%, deviations also affect the actual weight.

5. Special equipment and accessories

Special equipment and accessories refer to all equipment items that are not part of the standard factory configuration of your motorhome and can therefore only be ordered as options (at an additional cost). Information on special equipment and accessories can be found in our sales documents.

Please note: The installation of special equipment and/or accessories always results in a reduction in the remaining

payload (or: load capacity).

6. Payload and minimum payload

The payload of a motorhome is calculated by subtracting the weight in running order, the weight of passengers and the weight of the configured special equipment and accessories from the total weight.

It is a legal requirement that a motorhome must have a certain payload for luggage and other items, which must not be exceeded when configuring the motorhome. This minimum payload is calculated as follows:

Minimum payload in kg $\geq 10 \times (n + L)$

Where: 'n' = maximum number of passengers plus the driver and 'L' = total length of the vehicle in metres.

Example:

For a motorhome with a length of six metres and four approved seats (including the driver), the minimum payload is $10 \text{ kg} \times (4 + 6) = 100 \text{ kg}$.

Please note: Compliance with the minimum payload must be strictly observed when configuring the motorhome and must not be exceeded. The legally permissible tolerances of up to +/- 5% must also be taken into account, as these can lead to a reduction in the actual payload. To ensure compliance with the legally prescribed minimum payload, we have limited the weight available for optional equipment and accessories.

If the actual weight of the vehicle increases as a result of the configuration of optional equipment and accessories to such an extent that there is no longer sufficient free weight for the permitted passengers and the minimum payload, you have the option, depending on the layout, of choosing a vehicle upgrade, reducing the number of permitted seats and/or or deselect optional equipment or accessories in order to continue with the configuration.

However, even aside from the legal requirements for minimum payload, you should take into account when configuring your motorhome that legally permissible tolerances in the weight in running order affect the remaining payload.

If you order the motorhome from the previous example with special equipment and accessories weighing a total of 200 kg, the weight specified in the technical data for the vehicle in running order results in a remaining

payload (or useful load) of 273 kg:

3,500 kg technically permissible total mass
– 2,802 kg weight in running order
– 3 × 75 kg weight of passengers and co-drivers
– 200 kg configured special equipment and accessories
= 273 kg remaining payload

However, the actual payload (or useful load) may be higher or lower due to legally permissible tolerances. If the actual weight in running order deviates, for example, by +3% from the weight specified in the technical data, the remaining payload is reduced from 207 kg to 149,6 kg.

Example:

3,500 kg technically permissible total mass
– 2,886.1 kg actual weight of the vehicle in running order (+3% compared to the weight in running order of 2,802 kg specified in the technical data)
– 3 × 75 kg mass of passengers and co-drivers
– 200 kg of additional equipment ordered for the specifically configured vehicle
= 188.9 kg remaining payload
(Note: The remaining payload must always be greater than the minimum payload)

To ensure that the permissible total weight is not exceeded when driving and that the axle loads are complied with, we therefore recommend that you weigh your motorhome before each journey. As the driver, you are responsible for complying with the technically permissible total weight.

Our sales staff will also be happy to answer any questions you may have on the subject of 'vehicle weights and weight-related information'.

