

Camper®

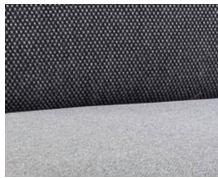
The family caravan

With its extensive standard equipment, abundant storage space and a wide range of bunk bed layouts and compact designs, the Camper® is the ideal caravan for all those of you who love adventure.

Upholstery

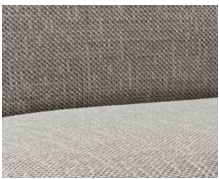


+ Upholstery Cloud



+ Upholstery Galaxy

○



+ Upholstery Mount

○

Wood décor



+ Wood décor Rosario Cherry

○ optionally available

Technical info

| | |
|----------------------------------|--------------|
| Overall length, approx. | 691 - 942 cm |
| Overall width, approx. | 230 - 250 cm |
| Overall height, approx. | 265 cm |
| Headroom in living area, approx. | 198 cm |

Maximum values partly not possible for all models or only in connection with certain options.

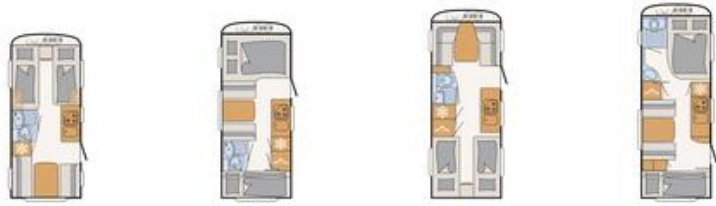
Plus factors

- + Enough space for every child: a selection of family layouts with bunk beds
- + Better safe than sorry: exemplary Dethleffs safety equipment
- + Good as standard: ready to go thanks to comprehensive specifications
- + Modern interior: three classic upholstery options
- + Kitted out for all needs: our portfolio even features short caravans less than 7 m in length



Camper®

Technical info



| Camper® | | 460 EL | 500 QSK | 510 LE | 530 FSK |
|--|----|---|--|---|--|
| Standard chassis | | Lightweight chassis, 1500 kg | Lightweight chassis, 1500 kg | Lightweight chassis, 1600 kg | Lightweight chassis, 1600 kg |
| Overall length, approx. | cm | 691 | 729 | 762 | 788 |
| Body length approx. | cm | 550 | 590 | 630 | 650 |
| Overall width, approx. | cm | 230 | 230 | 230 | 230 |
| Overall height, approx. | cm | 265 | 265 | 265 | 265 |
| Circumferential dimension awning approx. | cm | 948 | 988 | 1028 | 1048 |
| Headroom in living area, approx. | cm | 198 | 198 | 198 | 198 |
| Thickness floor / side walls / roof | mm | 42 / 34 / 34 | 42 / 34 / 34 | 42 / 34 / 34 | 42 / 34 / 34 |
| Tire size | | 185 R14C 8PR | 185 R14C 8PR | 185 R14C 8PR | 185 R14C 8PR |
| Bed dimension: Front bed, L x W, approx. | cm | 200 x 85 / 190 x 85 / 190 x 210 ○ | 210 x 135 | 210 x 135 | 200 x 135 |
| Bed dimension: Central / middle bed, L X W, approx. | cm | | 190 x 100 | | 190 x 100 |
| Bed dimension: Rear bed, L x W, approx. | cm | 210 x 115 | 210 x 70 / 195 x 75 / 210 x 75 ○ / 210 x 80 ○ / 210 x 70 ○ | 2x 200 x 85 / 195 x 210 ○ | 210 x 70 / 195 x 75 / 210 x 75 ○ / 210 x 80 ○ / 210 x 70 ○ |
| Sleeping berths standard / max. | | 3 | 5 / 6 ○ | 4 | 5 / 6 ○ |
| Mass in running order (+/-5%)* | kg | 1235 (1173 to 1297)* | 1295 (1230 to 1360)* | 1315 (1249 to 1381)* | 1385 (1316 to 1454)* |
| Manufacturer-specified mass for optional equipment* | kg | 180 | 96 | 182 | 100 |
| Technically permissible maximum laden mass* | kg | 1500 | 1500 | 1600 | 1600 |
| Heating | | S 3004, 3.5 kW Gas / Combi 4 G/E, 4 kW Gas-Electric ○ | S 3004, 3.5 kW Gas / Combi 4 G/E, 4 kW Gas-Electric ○ | S 3004, 3.5 kW Gas / Combi 4 G/E, 4 kW Gas-Electric ○ | S 5004, 6 kW Gas / Hot water heating, 6.4 kW Gas-Electric ○ / Combi 6 G/E, 6 kW Gas-Electric ○ |
| Refrigerator volume (thereof freezer), approx. | l | 137 (15) | 137 (15) | 137 (15) | 137 (15) |
| Waste water tank, approx. | l | 22 | 22 | 22 | 22 |
| Fresh water tank capacity, total/ Fresh water tank capacity at driving filling | l | 43 / 15 | 43 / 15 | 43 / 15 | 43 / 15 |
| Sockets: 12 V / 230 V / USB | | 0 / 7 / 1 | 0 / 8 / 3 | 0 / 7 / 1 | 0 / 7 / 3 |

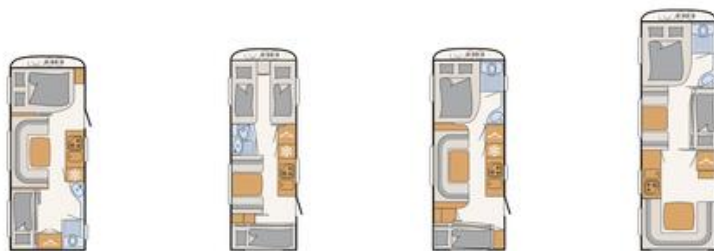


The specified mass in running order is a standard value defined in the type approval procedure. Due to manufacturing tolerances, the actual weighed mass in running order may deviate from the value stated above. Deviations of up to ± 5% of the mass in running order are legally permissible and possible. The permissible range in kilograms is stated in parentheses after the mass in running order. The mass for optional equipment specified by the manufacturer is an imputed value determined for each type and layout by which Dethleffs specifies the maximum weight available for factory-fitted optional equipment. The purpose of limiting optional equipment is to ensure that the minimum payload, i.e. the legally required free mass for baggage and retrofitted accessories, is actually available for the load capacity of vehicles delivered by

Dethleffs. The actual weight of your vehicle after leaving the factory 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 short of the minimum payload due to a permissible weight deviation, despite the limitation of the optional equipment, we will check together with your trading partner and you before delivery of the vehicle whether we should, for example, increase the load capacity of the vehicle or remove optional equipment. The technically permissible maximum laden mass of the vehicle must not be exceeded. For detailed information and explanations on the topic of weight and the configuration of the vehicle, please refer to the "Legal notes" section.

Camper®

Technical info



| Camper® | | 540 QMK | 550 ESK | 560 FMK | 730 FKR |
|--|----|--|--|--|--|
| Standard chassis | | Lightweight chassis, 1700 kg | Lightweight chassis, 1600 kg | Lightweight chassis, 1700 kg | Lightweight chassis, 2000 kg |
| Overall length, approx. | cm | 768 | 806 | 818 | 942 |
| Body length approx. | cm | 650 | 675 | 675 | 805 |
| Overall width, approx. | cm | 250 | 230 | 250 | 250 |
| Overall height, approx. | cm | 265 | 265 | 265 | 265 |
| Circumferential dimension awning approx. | cm | 1048 | 1078 | 1078 | 1208 |
| Headroom in living area, approx. | cm | 198 | 198 | 198 | 198 |
| Thickness floor / side walls / roof | mm | 42 / 34 / 34 | 42 / 34 / 34 | 42 / 34 / 34 | 42 / 34 / 34 |
| Tire size | | 195 R14C LI106 | 185 R14C 8PR | 195 R14C LI106 | 185/70 R14 LI88 |
| Bed dimension: Front bed, L x W, approx. | cm | 200 x 140 | 2x 200 x 85 / 200 x 210 ○ | 200 x 155 | 200 x 155 |
| Bed dimension: Central / middle bed, L x W, approx. | cm | 230 x 115 | 190 x 100 | 230 x 115 | 200 x 75 / 2x 195 x 75 ○ |
| Bed dimension: Rear bed, L x W, approx. | cm | 190 x 75 / 190 x 70 / 2x 190 x 75 ○ / 170 x 75 ○ | 210 x 70 / 200 x 75 / 210 x 75 ○ / 210 x 80 ○ / 210 x 70 ○ | 195 x 70 / 190 x 75 / 195 x 75 ○ / 195 x 80 ○ / 195 x 70 ○ | 230 x 155 |
| Sleeping berths standard / max. | | 5 / 6 ○ | 5 / 6 ○ | 5 / 6 ○ | 7 / 8 ○ |
| Mass in running order (+/-5%)* | kg | 1475 (1401 to 1549)* | 1435 (1363 to 1507)* | 1525 (1449 to 1601)* | 1815 (1724 to 1906)* |
| Manufacturer-specified mass for optional equipment* | kg | 110 | 48 | 58 | 35 |
| Technically permissible maximum laden mass* | kg | 1700 | 1600 | 1700 | 2000 |
| Heating | | S 5004, 6 kW Gas / Hot water heating, 6.4 kW Gas-Electric ○ / Combi 6 G/E, 6 kW Gas-Electric ○ | S 5004, 6 kW Gas / Hot water heating, 6.4 kW Gas-Electric ○ / Combi 6 G/E, 6 kW Gas-Electric ○ | S 5004, 6 kW Gas / Hot water heating, 6.4 kW Gas-Electric ○ / Combi 6 G/E, 6 kW Gas-Electric ○ | S 5004, 6 kW Gas / Hot water heating, 6.4 kW Gas-Electric ○ / Combi 6 G/E, 6 kW Gas-Electric ○ |
| Refrigerator volume (thereof freezer), approx. | l | 137 (15) | 137 (15) | 137 (15) | 86 (11) / 156 (29) ○ |
| Waste water tank, approx. | l | 22 | 22 | 22 | 22 |
| Fresh water tank capacity, total/ Fresh water tank capacity at driving filling | l | 43 / 15 | 43 / 15 | 43 / 15 | 43 / 15 |
| Sockets: 12 V / 230 V / USB | | 0 / 8 / 3 | 0 / 8 / 3 | 0 / 9 / 3 | 0 / 10 / 3 |

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



The specified mass in running order is a standard 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 stated in parentheses after the mass in running order. The mass for optional equipment specified by the manufacturer is an imputed value determined for each type and layout by which Dethleffs specifies the maximum weight available for factory-fitted optional equipment. The purpose of limiting optional equipment is to ensure that the minimum payload, i.e. the legally required free mass for baggage and retrofitted accessories, is actually available for the load capacity of vehicles delivered by

Dethleffs. The actual weight of your vehicle after leaving the factory 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 short of the minimum payload due to a permissible weight deviation, despite the limitation of the optional equipment, we will check together with your trading partner and you before delivery of the vehicle whether we should, for example, increase the load capacity of the vehicle or remove optional equipment. The technically permissible maximum laden mass of the vehicle must not be exceeded. For detailed information and explanations on the topic of weight and the configuration of the vehicle, please refer to the "Legal notes" section.

Standard equipment

| | 460 EL | 500 QSK | 510 LE | 530 FSK | 540 QMK | 550 ESK | 560 FMK | 730 FKR |
|--|--------|---------|--------|---------|---------|---------|---------|---------|
| Chassis | | | | | | | | |
| Single axle premium wheel 195 R14 C LI106 (with steel wheel 1.700 kg and 1.800 kg) | — | — | — | — | ● | — | ● | — |
| Tyres on steel wheels 185 R14 C 8 PR, up to and including 1.600 kg | ● | ● | ● | ● | — | ● | — | — |
| Tyres on steel wheels 185/70 R14 LI88 up to and including 2.000 kg | — | — | — | — | — | — | — | ● |
| Zinc-plated chassis with inertia braking system with reversing automatic | ● | ● | ● | ● | ● | ● | ● | ● |
| Chassis features | | | | | | | | |
| AAA self-adjusting brake | ● | ● | ● | ● | ● | ● | ● | ● |
| ACS stabiliser | ● | ● | ● | ● | ● | ● | ● | ● |
| High-quality brand-name tyres, designed for a speed of 100 km/h | ● | ● | ● | ● | ● | ● | ● | ● |
| Lightweight corner steadies | ● | ● | ● | ● | ● | ● | ● | ● |
| Octagon shock absorber | ● | ● | ● | ● | ● | ● | ● | ● |
| Exterior features | | | | | | | | |
| Floor of the gas bottle locker made of rot-resistant and robust corrugated aluminium | ● | ● | ● | ● | ● | ● | ● | ● |
| Flyscreen door | ● | ● | ● | ● | ● | ● | ● | ● |
| Front parts in gas locker area made of LFI (long fiber injection) technology, shock resistant, robust and repair-friendly | ● | ● | ● | ● | ● | ● | ● | ● |
| Fully-insulated wheel houses | ● | ● | ● | ● | ● | ● | ● | ● |
| Midi Heki lift-and-tilt skylight incl. illuminated roof lining | ● | ● | ● | ● | ● | ● | ● | ● |
| One-piece habitation door | ● | ● | ● | ● | ● | ● | ● | ● |
| Opening window in bathroom | — | — | — | ● | ● | — | ● | ● |
| Opening windows, trapezoid, insulated and double-glazed (graphite grey) with blackout and mosquito blinds | ● | ● | ● | ● | ● | ● | ● | ● |
| Robust GRP roof | ● | ● | ● | ● | ● | ● | ● | ● |
| Sidewall skirts with integrated side-marker lamps | ● | ● | ● | ● | ● | ● | ● | ● |
| Skylight Mini Heki | ● | ● | ● | ● | ● | ● | ● | ● |
| Space-saving gas locker door which opens upwards | ● | ● | ● | ● | ● | ● | ● | ● |
| Spare wheel carrier in gas locker | ● | ● | ● | ● | ● | ● | ● | ● |
| Storage space for 2 gas bottles with 11 kg filling weight each | ● | ● | ● | ● | ● | ● | ● | ● |
| Exterior design | | | | | | | | |
| Front and rear in smooth sides white | ● | ● | ● | ● | ● | ● | ● | ● |
| Sides in hammer finish, white | ● | ● | ● | ● | ● | ● | ● | ● |
| Access locker doors | | | | | | | | |
| Access locker door front right side 997x419 mm | ● | ● | — | ● | — | ● | — | — |
| Access locker door rear right side 997x419 mm | — | — | ● | — | — | — | — | — |
| Interior design | | | | | | | | |
| Upholstery Cloud | ● | ● | ● | ● | ● | ● | ● | ● |
| Wood décor Rosario Cherry | ● | ● | ● | ● | ● | ● | ● | ● |
| Textile equipment | | | | | | | | |
| 7-zones double bed mattress, made of heat-regulating material | — | ● | — | ● | ● | — | ● | ● |
| 7-zones mattress left side, made of heat-regulating material | ● | — | ● | — | — | ● | — | — |
| 7-zones mattress right side, made of heat-regulating material | ● | — | ● | — | — | ● | — | — |
| Furniture layouts | | | | | | | | |
| AirPlus - perfect air circulation in the interior and rear ventilation of the overhead lockers and sideboards | ● | ● | ● | ● | ● | ● | ● | ● |
| Bunk bed with 2 sleeping berths, foldable | — | ● | — | ● | ● | ● | ● | — |
| Bunk bed with 2 sleeping berths, not foldable | — | — | — | — | — | — | — | ● |
| Bunk beds with safety net and ladder | — | ● | — | ● | ● | ● | ● | ● |
| One-legged telescopic table, height adjustable | — | — | — | — | ● | — | ● | ● |
| Seating lounge converts to bed | ● | ● | ● | ● | ● | ● | ● | ● |
| Special slatted frame with flexible natural rubber holders, opening for optimal use of storage compartments under the beds | ● | ● | ● | ● | ● | ● | ● | ● |
| Kitchen | | | | | | | | |
| Generous drawers with soft closing for absolutely silent closing | ● | ● | ● | ● | ● | ● | ● | ● |
| Large fridge with 137 liters capacity and 15 liters freezer compartment | ● | ● | ● | ● | ● | ● | ● | — |

Standard equipment

| | 460 EL | 500 QSK | 510 LE | 530 FSK | 540 QMK | 550 ESK | 560 FMK | 730 FKR |
|--|--------|---------|--------|---------|---------|---------|---------|---------|
| Practical 3-flames cooker with electric ignition | ● | ● | ● | ● | ● | ● | ● | ● |
| Practical apothecary drawers (depending on layout) | ● | ● | ● | ● | ● | ● | ● | ● |
| Spacious fridge with 86-litre volume and 11 litre freezer | — | — | — | — | — | — | — | ● |
| Bathroom | | | | | | | | |
| Integrated design washbasin made of solid surface material | ● | ● | ● | ● | ● | ● | ● | ● |
| Shower tray | ● | ● | ● | ● | ● | ● | ● | ● |
| Skylight with mosquito net | ● | ● | ● | ● | ● | ● | ● | ● |
| Heating | | | | | | | | |
| Gas heating S 3004 with automatic ignition | ● | ● | ● | — | — | — | — | — |
| Gas heating S 5004 with automatic ignition | — | — | — | ● | ● | ● | ● | ● |
| Hot air system | ● | ● | ● | ● | ● | ● | ● | ● |
| Electrical installation | | | | | | | | |
| Awning light 12V | ● | ● | ● | ● | ● | ● | ● | ● |
| CEE external output socket for 230V on-board electrics | ● | ● | ● | ● | ● | ● | ● | ● |
| LED light bar system 12V (on head-side of bed and in seating lounge) | ● | ● | ● | ● | ● | ● | ● | ● |
| USB port for spotlight bar | ● | ● | ● | ● | ● | ● | ● | ● |
| Water supply | | | | | | | | |
| Electric water supply | ● | ● | ● | ● | ● | ● | ● | ● |
| Fresh water tank 38 l | ● | ● | ● | ● | ● | ● | ● | ● |
| Hot water supply | ● | ● | ● | ● | ● | ● | ● | ● |
| Mobile 22 l waste water tank | ● | ● | ● | ● | ● | ● | ● | ● |

Packages Camper®

| Package | Styling Package white (single axle) (13254) | Styling Package white (single axle) (13254) | Styling Package white (single axle) (13254) |
|--|---|---|---|
| Smooth sides white | x | | |
| 17" alloy wheels in Dethleffs design (single axle) | x | x | x |
| Draw bar cover | x | x | x |
| Large support feet, 4 pc. | x | x | x |
| Solid rubber support wheel with support load indicator | x | x | x |
| Manoeuvring handles in chrome design | x | x | x |
| Rear light carrier with high attachment and roof rails | x | x | x |
| Front moulding with high attachment and roof rails | x | x | x |
| Smooth sides white | | x | |
| Smooth sides white | | | x |
| Additional weight (kg)* | 45.7 | 48.3 | 51.1 |

| Package | Styling Package white (tandem axle) (13256) | Styling Package white (tandem axle 2.8 t) (13258) |
|--|---|---|
| 17" alloy wheels in Dethleffs design (tandem axle) | x | |
| Draw bar cover | x | x |
| Large support feet, 4 pc. | x | x |
| Solid rubber support wheel with support load indicator | x | x |
| Manoeuvring handles in chrome design | x | x |
| Rear light carrier with high attachment and roof rails | x | x |
| Front moulding with high attachment and roof rails | x | x |
| Smooth sides white | x | x |
| Tyres on alloy wheels 195/70 R14 C LI104, 2200 kg to 2800 kg | | x |
| Additional weight (kg)* | 43.4 | 47.4 |



The factory installation of optional equipment increases the actual mass of the vehicle and reduces the payload. The specified additional weight for packages and optional equipment shows the additional weight compared with the standard equipment of the respective model or layout. The total weight of the selected optional equipment must not exceed the mass for optional equipment specified by the manufacturer in the model overviews. This is an imputed

value determined for each model and layout that Dethleffs uses to determine the maximum weight available for factory-installed optional equipment. In the event of an increase of load capacity, the mass for optional equipment specified by the manufacturer is increased. For detailed information and explanations on the topic of weight, please refer to the "Legal notes" section.

| Package | Styling Package silver (single axle) (13255) | Styling Package silver (single axle) (13255) | Styling Package silver (single axle) (13255) |
|--|--|--|--|
| Smooth sides titanium silver metallic | x | | |
| 17" alloy wheels in Dethleffs design (single axle) | x | x | x |
| Draw bar cover | x | x | x |
| Large support feet, 4 pc. | x | x | x |
| Solid rubber support wheel with support load indicator | x | x | x |
| Manoeuvring handles in chrome design | x | x | x |
| Rear light carrier with high attachment and roof rails | x | x | x |
| Front moulding with high attachment and roof rails | x | x | x |
| Smooth sides titanium silver metallic | | x | |
| Smooth sides titanium silver metallic | | | x |
| Additional weight (kg)* | 45.7 | 48.3 | 51.1 |

| Package | Styling Package silver (tandem axle) (13257) | Styling Package silver (tandem axle) 2.8 t (13259) |
|--|--|--|
| 17" alloy wheels in Dethleffs design (tandem axle) | x | |
| Draw bar cover | x | x |
| Large support feet, 4 pc. | x | x |
| Solid rubber support wheel with support load indicator | x | x |
| Manoeuvring handles in chrome design | x | x |
| Rear light carrier with high attachment and roof rails | x | x |
| Front moulding with high attachment and roof rails | x | x |
| Smooth sides titanium silver metallic | x | x |
| Tyres on alloy wheels 195/70 R14 C LI104, 2200 kg to 2800 kg | | x |
| Additional weight (kg)* | 43.4 | 47.4 |

| Package | Winter Comfort Package Combi 4 (10479) | Winter Comfort Package Combi 4 (10479) |
|--|--|--|
| Digital control panel for Combi heating (G/E only) | x | x |
| Electric floor heating | x | x |
| Waste water pipes insulated and heated | x | x |
| Insulated threader hose | x | x |
| XPS insulation for front, rear and sides (depending on vehicle size) | x | |
| Hot air heating Combi 4 G/E incl. digital control unit | x | x |
| XPS insulation for front, rear and sides (depending on vehicle size) | | x |
| Additional weight (kg)* | 47.6 | 50.1 |



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value determined for each model and layout that Dethleffs uses to determine the maximum weight available for factory-installed optional equipment. In the event of an increase of load capacity, the mass for optional equipment specified by the manufacturer is increased. For detailed information and explanations on the topic of weight, please refer to the "Legal notes" section.

| Package | Winter Comfort Package Combi 6 (9536) | Winter Comfort Package Combi 6 (9536) | Winter Comfort Package Combi 6 (9536) |
|--|---------------------------------------|---------------------------------------|---------------------------------------|
| Digital control panel for Combi heating (G/E only) | x | x | x |
| Electric floor heating | x | x | x |
| Waste water pipes insulated and heated | x | x | x |
| Insulated threader hose | x | x | x |
| XPS insulation for front, rear and sides (depending on vehicle size) | x | | |
| Hot air heating Combi 6 G/E incl. digital control unit | x | x | x |
| XPS insulation for front, rear and sides (depending on vehicle size) | | x | |
| XPS insulation for front, rear and sides (depending on vehicle size) | | | x |
| Additional weight (kg)* | 50.1 | 52.8 | 55 |

| Package | Winter Comfort Package SNOW (5459) | Winter Comfort Package SNOW (5459) | Winter Comfort Package SNOW (5459) |
|--|------------------------------------|------------------------------------|------------------------------------|
| Hot water heating | x | x | x |
| Electric floor heating | x | x | x |
| Waste water pipes insulated and heated | x | x | x |
| XPS insulation for front, rear and sides (depending on vehicle size) | x | | |
| XPS insulation for front, rear and sides (depending on vehicle size) | | x | |
| XPS insulation for front, rear and sides (depending on vehicle size) | | | x |
| Additional weight (kg)* | 74.1 | 76.8 | 79 |

| Package | Winter Comfort Package SNOW PLUS (5551) | Winter Comfort Package SNOW PLUS (5551) | Winter Comfort Package SNOW PLUS (5551) |
|--|---|---|---|
| Hot water heating | x | x | x |
| Hot water floor heating (only in comb. with option 205) | x | x | x |
| Waste water pipes insulated and heated | x | x | x |
| XPS insulation for front, rear and sides (depending on vehicle size) | x | | |
| XPS insulation for front, rear and sides (depending on vehicle size) | | x | |
| XPS insulation for front, rear and sides (depending on vehicle size) | | | x |
| Additional weight (kg)* | 75.1 | 77.8 | 80 |

| Package | Mover Autonomy Package (single axle) (5560) | Mover Autonomy Package (tandem axle) (5561) |
|---|---|---|
| Mover manoeuvring support for single-axle | x | |
| Electric Autonomy equipment | x | x |
| Mover manoeuvring support for tandem-axle | | x |
| Additional weight (kg)* | 70 | 98 |



The factory installation of optional equipment increases the actual mass of the vehicle and reduces the payload. The specified additional weight for packages and optional equipment shows the additional weight compared with the standard equipment of the respective model or layout. The total weight of the selected optional equipment must not exceed the mass for optional equipment specified by the manufacturer in the model overviews. This is an imputed

value determined for each model and layout that Dethleffs uses to determine the maximum weight available for factory-installed optional equipment. In the event of an increase of load capacity, the mass for optional equipment specified by the manufacturer is increased. For detailed information and explanations on the topic of weight, please refer to the "Legal notes" section.

| Package | Water and Electric Autonomy Package Combi 4 (11031) | Water and Electric Autonomy Package Combi 6 (11032) | Water & Electric Autonomy Package with Combi or hot water heating system (9943) |
|--|---|---|--|
| Hot air heating Combi 4 G/E incl. digital control unit | x | | |
| Digital control panel for Combi heating (G/E only) | x | x | |
| Electric Autonomy equipment | x | x | x |
| Fresh water tank 70 l | x | x | x |
| Hot air heating Combi 6 G/E incl. digital control unit | | x | |
| Additional weight (kg)* | 55.5 | 55.5 | 40.5 |

Safety Package (8950)

ATC Trailer Control
DuoControl safety gas pressure regulator with crash sensor and EisEx gas regulator heater
Smoke detector

Additional weight (kg)* 7

Shower Package (6105)

Shower equipment with shower fittings and curtain
City water connection

Additional weight (kg)* 7

△ Not known at the time of publication



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Optional equipment**

| | Included in package | Additional weight (kg)* | Code | 460 EL | 500 QSK | 510 LE | 530 FSK | 540 QMK | 550 ESK | 560 FMK | 730 FKR |
|--|---------------------|-------------------------|-------|--------|---------|--------|---------|---------|---------|---------|---------|
| | | | | | | | | | | | |
| Chassis | | | | | | | | | | | |
| 17" alloy wheels in Dethleffs design (single axle) | — | 10 | 11608 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | — |
| 17" alloy wheels in Dethleffs design (tandem axle) | — | 0 | 11609 | — | — | — | — | — | — | — | ○ |
| Tyres on alloy wheels 185 R14 C LI102, up to and including 1600 kg | — | 0 | 836 | ○ | ○ | ○ | ○ | — | ○ | — | — |
| Tyres on alloy wheels 185/70 R14 LI88, up to and including 2000 kg | — | 0 | 840 | — | — | — | — | — | — | — | ○ |
| Tyres on alloy wheels 195 R14 C LI106, 1700 kg and 1800 kg | — | 2 | 838 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | — |
| Tyres on alloy wheels 195/70 R14 C LI104, 2200 kg to 2800 kg | — | 4 | 859 | — | — | — | — | — | — | — | ○ |
| Weight upgrade | | | | | | | | | | | |
| Weight upgrade 1.700 kg (incl. steel wheel 195 R14 C LI106) | — | 24.3 | 278 | — | — | ○ | — | — | — | — | — |
| Weight upgrade 1.700 kg (incl. steel wheel 195 R14 C LI106) | — | 23.9 | 278 | — | ○ | — | — | — | — | — | — |
| Weight upgrade 1.700 kg (incl. steel wheel 195 R14 C LI106) | — | 23.1 | 278 | ○ | — | — | — | — | — | — | — |
| Weight upgrade 1.700 kg (incl. steel wheel 195 R14 C LI106) | — | 0.3 | 278 | — | — | — | ○ | — | ○ | — | — |
| Weight upgrade 1.800 kg (incl. steel wheel 195 R14 C LI106) | — | 6.6 | 279 | — | — | — | — | — | — | ○ | — |
| Weight upgrade 1.800 kg (incl. steel wheel 195 R14 C LI106) | — | 6.8 | 279 | — | — | — | ○ | — | ○ | — | — |
| Weight upgrade 1.800 kg (incl. steel wheel 195 R14 C LI106) | — | 32 | 279 | — | — | ○ | — | — | — | — | — |
| Weight upgrade 1.800 kg (incl. steel wheel 195 R14 C LI106) | — | 5.9 | 279 | — | — | — | — | ○ | — | — | — |
| Weight upgrade 1.800 kg (incl. steel wheel 195 R14 C LI106) | — | 31.6 | 279 | — | ○ | — | — | — | — | — | — |
| Weight upgrade 1.900 kg (incl. alloy wheel 225/70 R15 C LI112) | — | 23.8 | 394 | — | — | — | — | ○ | — | — | — |
| Weight upgrade 1.900 kg (incl. alloy wheel 225/70 R15 C LI112) | — | 19.2 | 394 | — | — | — | ○ | — | ○ | — | — |
| Weight upgrade 1.900 kg (incl. alloy wheel 225/70 R15 C LI112) | — | 18.7 | 394 | — | — | — | — | — | — | ○ | — |
| Weight upgrade 2.000 kg (incl. alloy wheel 225/70 R15 C LI112) | — | 18.7 | 138 | — | — | — | — | — | — | ○ | — |
| Weight upgrade 2.000 kg (incl. alloy wheel 225/70 R15 C LI112) | — | 19.2 | 138 | — | — | — | ○ | — | ○ | — | — |
| Weight upgrade 2.000 kg (incl. alloy wheel 225/70 R15 C LI112) | — | 23.8 | 138 | — | — | — | — | ○ | — | — | — |
| Weight upgrade 2.200 kg (incl. steel wheel 195/70 R14 C LI104) | — | 2.6 | 6351 | — | — | — | — | — | — | — | ○ |
| Weight upgrade 2.500 kg (incl. steel wheel 195/70 R14 C LI104) | — | 2.6 | 496 | — | — | — | — | — | — | — | ○ |
| Weight upgrade to 1.600 kg | — | 22.8 | 322 | ○ | — | — | — | — | — | — | — |
| Weight upgrade to 1.600 kg | — | 23.6 | 322 | — | ○ | — | — | — | — | — | — |
| Weight upgrade 2.800 kg (incl. steel wheel 195/70 R14 C LI104) | — | 27.4 | 7713 | — | — | — | — | — | — | — | ○ |
| Chassis features | | | | | | | | | | | |
| ATC Trailer Control | — | 4 | 748 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Breakdown kit | — | 1 | 620 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Draw bar cover | — | 2 | 434 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Large support feet, 4 pc. | — | 1 | 6348 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Mover manoeuvring support for single-axle ³⁾ | — | 32 | 946 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | — |
| Mover manoeuvring support for tandem-axle ³⁾ | — | 60 | 984 | — | — | — | — | — | — | — | ○ |
| Solid rubber support wheel with support load indicator | — | 2 | 10063 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Spare tyre with alloy wheel 185 R14 C LI 102, up to and including 1.600 kg | — | 17 | 837 | ○ | ○ | ○ | — | — | — | — | — |
| Spare tyre with alloy wheel 185/70 R14 LI 88, up to and including 2.000 kg | — | 18 | 841 | — | — | — | — | — | — | — | ○ |
| Spare tyre with alloy wheel 195 R14 C 8PR-LI 106, 1.700 kg and 1.800 kg | — | 19 | 839 | ○ | ○ | ○ | — | — | — | ○ | — |
| Spare tyre with alloy wheel 195/70 R14 C-LI 102, 2.200 kg to 2.800 kg | — | 19 | 861 | — | — | — | — | — | — | — | ○ |
| Spare tyre with alloy wheel 225/70 R15 C LI 112 , 1.900 kg and 2.000 kg | — | 23.5 | 1092 | — | — | — | — | — | — | ○ | — |
| Spare tyre with steel wheel 185 R14 C 8 PR, up to and including 1.600 kg | — | 18 | 831 | ○ | ○ | ○ | — | — | — | — | — |
| Spare tyre with steel wheel 185/70 R14 LI 88, up to and including 2.000 kg | — | 18 | 835 | — | — | — | — | — | — | — | ○ |
| Spare tyre with steel wheel 195 R14 C LI 106, 1.700 kg and 1.800 kg | — | 19.5 | 833 | ○ | ○ | ○ | — | — | — | ○ | — |



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Optional equipment**

| | Included in package | Additional weight (kg)* | Code | 460 EL | 500 QSK | 510 LE | 530 FSK | 540 QMK | 550 ESK | 560 FMK | 730 FKR |
|---|---------------------|-------------------------|-------|--------|---------|--------|---------|---------|---------|---------|---------|
| Spare tyre with steel wheel 195/70 R14 C-LI 104, 2.200 kg to 2.800 kg | — | 20 | 860 | — | — | — | — | — | — | — | ○ |
| Wheel trims for 14" tyres | — | 2 | 276 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Exterior features | | | | | | | | | | | |
| Cassette awning 3750x2500 mm, manual | — | 25.5 | 6928 | ○ | — | — | — | — | — | — | — |
| Cassette awning 4000x2500 mm, manual | — | 27.5 | 6928 | — | ○ | ○ | — | — | — | — | — |
| Cassette awning 4500x2500 mm, manual | — | 30 | 6928 | — | — | — | ○ | ○ | ○ | ○ | — |
| Cassette awning 6000x3000 mm, manual | — | 54.6 | 6928 | — | — | — | — | — | — | — | ○ |
| Flush-fitting windows (not possible for front and rear windows) ⁹⁾ | — | 3 | 7561 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Front window | — | 4 | 982 | ○ | ○ | ● | — | ○ | ○ | — | — |
| Front window (bed area), if washroom in front | — | 5 | 855 | — | — | — | ○ | — | — | ○ | ○ |
| One-piece habitation door with window | — | 3 | 862 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Rear window | — | 4 | 1108 | ● | — | ○ | — | — | — | — | ● |
| XPS insulation for front, rear and sides (depending on vehicle size) | — | 17.6 | 179 | ○ | — | — | — | — | — | — | — |
| XPS insulation for front, rear and sides (depending on vehicle size) | — | 20.1 | 179 | — | ○ | ○ | ○ | ○ | — | — | — |
| XPS insulation for front, rear and sides (depending on vehicle size) | — | 22.8 | 179 | — | — | — | — | — | ○ | ○ | — |
| XPS insulation for front, rear and sides (depending on vehicle size) | — | 25 | 179 | — | — | — | — | — | — | — | ○ |
| Exterior design | | | | | | | | | | | |
| Front moulding with high attachment and roof rails | — | 1 | 627 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Manoeuvring handles in chrome design | — | 0 | 754 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Rear light carrier with high attachment and roof rails | — | 11 | 624 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Smooth sides titanium silver metallic | — | 18.7 | 659 | ○ | — | — | — | — | — | — | — |
| Smooth sides titanium silver metallic | — | 21.3 | 659 | — | ○ | ○ | ○ | ○ | — | — | — |
| Smooth sides titanium silver metallic | — | 24.1 | 659 | — | — | — | — | — | ○ | ○ | — |
| Smooth sides titanium silver metallic | — | 26.4 | 659 | — | — | — | — | — | — | — | ○ |
| Smooth sides white | — | 18.7 | 443 | ○ | — | — | — | — | — | — | — |
| Smooth sides white | — | 21.3 | 443 | — | ○ | ○ | ○ | ○ | — | — | — |
| Smooth sides white | — | 24.1 | 443 | — | — | — | — | — | ○ | ○ | — |
| Smooth sides white | — | 26.4 | 443 | — | — | — | — | — | — | — | ○ |
| Access locker doors | | | | | | | | | | | |
| Access locker door 1550x1050 mm with window | — | 8 | 9486 | — | — | — | — | ○ | — | — | — |
| Access locker door front left 997x419 mm | — | 2.2 | 1079 | — | — | — | — | — | ○ | ● | ● |
| Access locker door front left side 1069x299 mm | — | 2 | 1083 | — | — | ○ | — | — | — | — | — |
| Access locker door front left side 648x348 mm | — | 2 | 1071 | — | — | — | — | ● | ○ | — | — |
| Access locker door front right side 1069x299 mm | — | 2 | 1084 | — | — | ○ | — | — | — | — | — |
| Access locker door rear left side 1069x299 mm | — | 2 | 1085 | — | — | — | — | — | — | — | ○ |
| Access locker door rear left side 749x297 mm | — | 2 | 1077 | ○ | — | — | — | — | — | — | — |
| Access locker door rear right side 1069x299 mm | — | 2 | 1086 | — | — | — | — | — | — | — | ○ |
| Access locker door rear right side 749x297 mm | — | 2 | 1078 | ○ | — | — | — | — | — | — | — |
| Interior design | | | | | | | | | | | |
| Upholstery Galaxy | — | 0 | 11269 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Upholstery Mount | — | 0 | 11270 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Textile equipment | | | | | | | | | | | |
| 7-zones double bed mattress, made of heat-regulating material with watergel cover | — | 4 | 8214 | — | ○ | — | ○ | ○ | — | ○ | ○ |



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Optional equipment**

| | Included in package | Additional weight (kg)* | Code | 460 EL | 500 QSK | 510 LE | 530 FSK | 540 QMK | 550 ESK | 560 FMK | 730 FKR |
|---|---------------------|-------------------------|-------|--------|---------|--------|---------|---------|---------|---------|---------|
| 7-zones mattress left side, made of heat-regulating material with watergel cover | — | 2 | 8215 | ○ | — | ○ | — | — | ○ | — | — |
| 7-zones mattress right side, made of heat-regulating material with watergel cover | — | 5 | 8216 | ○ | — | ○ | — | — | ○ | — | — |
| Corner head rests for U-shaped seating lounge | — | 2 | 9236 | — | — | — | — | ○ | — | ○ | ○ |
| Loose carpet | — | 8.5 | 513 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Furniture layouts | | | | | | | | | | | |
| Bunk bed with 2 sleeping berths, not foldable, instead of seating lounge | — | 0 | 9775 | — | — | — | — | — | — | — | ○ |
| Bunk bed with 3 sleeping berths, not foldable | — | 20 | 200 | — | ○ | — | ○ | ○ | ○ | ○ | — |
| Single beds convert to double bed | — | 5 | 685 | ○ | — | ○ | — | — | ○ | — | — |
| Slatted bed frame with adjustable head section | — | 1 | 871 | ○ | — | ○ | — | — | ○ | — | — |
| Interior features | | | | | | | | | | | |
| 2 kg fire extinguisher | — | 3.5 | 843 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Smoke detector | — | 0.5 | 8949 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Kitchen | | | | | | | | | | | |
| Extractor fan | — | 3 | 785 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Kitchen unit with large fridge (175 l), separate freezer and electric ignition | — | 18 | 429 | — | — | — | — | — | — | — | ○ |
| Kitchen worktop extension, foldable | — | 1 | 1107 | — | — | — | — | — | — | — | ○ |
| Oven | — | 17 | 572 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Bathroom | | | | | | | | | | | |
| Bathroom in alternative design | — | 4 | 604 | — | — | — | ○ | — | — | ○ | ○ |
| Multimedia | | | | | | | | | | | |
| FS-SAT system Voyager 65 Digimatic | — | 10 | 1049 | — | ○ | ○ | ○ | — | ○ | — | ○ |
| Flat screen TV 22" incl. DVD player and receiver | — | 3.5 | 1103 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Multifunctional external connection, 12 V, 220 V, TV and SAT | — | 1 | 611 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Preparation for flat screen TV (antenna cable and TV bracket) | — | 2 | 678 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| SAT parabol antenna flat 65 Easy 65 Twin | — | 14 | 879 | — | ○ | ○ | ○ | — | ○ | ○ | ○ |
| Heating | | | | | | | | | | | |
| Electric floor heating | — | 9 | 387 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Fan 12 V with automatic speed control for S 5004 | — | 2 | 178 | — | — | — | ○ | ○ | ○ | ○ | ○ |
| Fan 12V for S 3004 | — | 2 | 177 | ○ | ○ | ○ | — | — | — | — | — |
| Hot air heating Combi 4 G/E incl. digital control unit | — | 15 | 10480 | ○ | ○ | ○ | — | — | — | — | — |
| Hot air heating Combi 6 G/E incl. digital control unit | — | 15 | 9427 | — | — | — | ○ | ○ | ○ | ○ | ○ |
| Hot water floor heating (only in comb. with option 205) ¹⁰⁾ | — | 10 | 674 | — | — | — | ○ | ○ | ○ | ○ | ○ |
| Hot water heating | — | 40 | 205 | — | — | — | ○ | ○ | ○ | ○ | ○ |
| Insulated threader hose ¹¹⁾ | — | 1 | 9535 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Ultraheat additional heating for S 3004, electric 220 V | — | 2 | 364 | ○ | ○ | ○ | — | — | — | — | — |
| Ultraheat additional heating for S 5004, electric 220 V | — | 2 | 422 | — | — | — | ○ | ○ | ○ | ○ | ○ |
| Air Conditioning | | | | | | | | | | | |
| Pre-wiring for A/C | — | 0 | 172 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Roof A/C | — | 35 | 8145 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Electrical installation | | | | | | | | | | | |
| Electric Autonomy equipment | — | 38 | 492 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |



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Optional equipment**

| | Included in package | Additional weight (kg)* | Code | 460 EL | 500 QSK | 510 LE | 530 FSK | 540 QMK | 550 ESK | 560 FMK | 730 FKR |
|---|---------------------|-------------------------|-------|--------|---------|--------|---------|---------|---------|---------|---------|
| Indirect lighting | — | 2 | 633 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Water supply | | | | | | | | | | | |
| City water connection | — | 2 | 414 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Exterior shower | — | 2 | 396 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Fresh water tank 70 l | — | 2.5 | 592 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Shower equipment with shower fittings and curtain | — | 5 | 1097 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Waste water pipes insulated and heated | — | 5 | 520 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Gas supply | | | | | | | | | | | |
| DuoControl safety gas pressure regulator with crash sensor and EisEx gas regulator heater | — | 2.5 | 784 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Gas socket (exterior) | — | 1 | 187 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Packages | | | | | | | | | | | |
| Mover Autonomy Package (single axle) | — | 70 | 5560 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | — |
| Mover Autonomy Package (tandem axle) | — | 98 | 5561 | — | — | — | — | — | — | — | ○ |
| Safety Package | — | 7 | 8950 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Shower Package | — | 7 | 6105 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Styling Package silver (single axle) | — | 51.1 | 13255 | — | — | — | — | — | ○ | ○ | — |
| Styling Package silver (single axle) | — | 48.3 | 13255 | — | ○ | ○ | ○ | ○ | — | — | — |
| Styling Package silver (single axle) | — | 45.7 | 13255 | ○ | — | — | — | — | — | — | — |
| Styling Package silver (tandem axle 2.8 t) | — | 47.4 | 13259 | — | — | — | — | — | — | — | ○ |
| Styling Package silver (tandem axle) | — | 43.4 | 13257 | — | — | — | — | — | — | — | ○ |
| Styling Package white (single axle) | — | 51.1 | 13254 | — | — | — | — | — | ○ | ○ | — |
| Styling Package white (single axle) | — | 48.3 | 13254 | — | ○ | ○ | ○ | ○ | — | — | — |
| Styling Package white (single axle) | — | 45.7 | 13254 | ○ | — | — | — | — | — | — | — |
| Styling Package white (tandem axle 2.8 t) | — | 47.4 | 13258 | — | — | — | — | — | — | — | ○ |
| Styling Package white (tandem axle) | — | 43.4 | 13256 | — | — | — | — | — | — | — | ○ |
| Water & Electric Autonomy Package with Combi or hot water heating system | — | 40.5 | 9943 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Water and Electric Autonomy Package Combi 4 | — | 55.5 | 11031 | ○ | ○ | ○ | — | — | — | — | — |
| Water and Electric Autonomy Package Combi 6 | — | 55.5 | 11032 | — | — | — | ○ | ○ | ○ | ○ | ○ |
| Winter Comfort Package Combi 4 | — | 50.1 | 10479 | — | ○ | ○ | — | — | — | — | — |
| Winter Comfort Package Combi 4 | — | 47.6 | 10479 | ○ | — | — | — | — | — | — | — |
| Winter Comfort Package Combi 6 | — | 52.8 | 9536 | — | — | — | — | — | ○ | ○ | — |
| Winter Comfort Package Combi 6 | — | 55 | 9536 | — | — | — | — | — | — | — | ○ |
| Winter Comfort Package Combi 6 | — | 50.1 | 9536 | — | — | — | ○ | ○ | — | — | — |
| Winter Comfort Package SNOW | — | 79 | 5459 | — | — | — | — | — | — | — | ○ |
| Winter Comfort Package SNOW | — | 76.8 | 5459 | — | — | — | — | — | ○ | ○ | — |
| Winter Comfort Package SNOW | — | 74.1 | 5459 | — | — | — | ○ | ○ | — | — | — |
| Winter Comfort Package SNOW PLUS | — | 77.8 | 5551 | — | — | — | — | — | ○ | ○ | — |
| Winter Comfort Package SNOW PLUS | — | 80 | 5551 | — | — | — | — | — | — | — | ○ |
| Winter Comfort Package SNOW PLUS | — | 75.1 | 5551 | — | — | — | ○ | ○ | — | — | — |
| Miscellaneous | | | | | | | | | | | |
| Registration documents (CoC papers) | — | 0 | 15151 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

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



The factory installation of optional equipment increases the actual mass of the vehicle and reduces the payload. The specified additional weight for packages and optional equipment shows the additional weight compared with the standard equipment of the respective model or layout. The total weight of the selected optional equipment must not exceed the mass for optional equipment specified by the manufacturer in the model overviews. This is an imputed

value determined for each model and layout that Dethleffs uses to determine the maximum weight available for factory-installed optional equipment. In the event of an increase of load capacity, the mass for optional equipment specified by the manufacturer is increased. For detailed information and explanations on the topic of weight, please refer to the "Legal notes" section.

LEGAL NOTES ON WEIGHT-RELATED INFORMATION

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

1. Technically permissible maximum laden mass

The **technically permissible maximum laden mass** of the vehicle (e.g. 2,000 kg) is a mass specification defined by the manufacturer that the vehicle must not exceed. You can find information on the technically permissible maximum laden mass of the model you have selected in the technical data. Driving the vehicle even if it exceeds the technically permissible maximum laden mass constitutes an administrative offense that 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. This essentially includes the following items:

- the unladen weight of the vehicle together with the bodywork, including operating fluids;
- the standard equipment, i.e. all equipment and standard fittings included when the vehicle leaves the factory;
- the 100% filled water tank or driving tank according to the manufacturer's specifications and a 100% filled aluminum gas cylinder.

You can find information on the mass in running order for each model in our sales documents. It is **important to note** that the value specified in the sales documents for the mass in running order is a **standard value** determined in the type approval process 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 specified in the sales documents. The **legally permissible tolerance** is $\pm 5\%$. This allows EU legislation to account for the occurrence of certain fluctuations in the mass in running order due to weight fluctuations in components supplied by third-party suppliers as well as process and weather-related factors.

These weight deviations can be illustrated using the following example calculation:

- Mass in running order according to sales documents: 1,600 kg
- Legally permissible tolerance of $\pm 5\%$: 80 kg
- Legally permissible range of mass in running order: 1,520 kg to 1,680 kg

The specific range of permissible weight deviations can be found in the technical data for each model.

Dethleffs makes great efforts to reduce weight variations to the minimum level that is unavoidable for production reasons. Deviations at the upper and lower ends of the range are therefore very rare; however, they cannot be completely ruled out technically, even after carrying out all possible optimization measures. For this reason, Dethleffs checks the actual weight of the vehicle and compliance with the permissible tolerance by weighing each vehicle at the end of the line.

3. Optional equipment and actual mass

According to the legal definition, optional equipment (also including special or additional equipment) includes all optional equipment parts not included with the standard equipment that are fitted to the vehicle under the responsibility of the manufacturer – i.e. at the factory – and can be ordered by the customer (e.g. awning, smooth panel, Alde heating system, oven, etc.). For information on the individual or package weights of the optional equipment that can be ordered, please refer to our sales documents. In this meaning, optional equipment does not include other accessories that are retrofitted by you or your dealer personally after the vehicle has been delivered from the factory.

The mass of the vehicle in running order (see no. 2 above) and the mass of the optional equipment installed on 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 information also represents a standardized value. Since the mass in running order – as an element of the actual mass – is subject to a legally permissible tolerance of $\pm 5\%$ (see no. 2), the actual mass may also deviate accordingly from the specified nominal value.

4. Payload and minimum payload

The installation of **optional equipment** is also subject to technical and legal limits: It is only permissible to order an amount of optional equipment for installation at the factory that will leave sufficient free weight for baggage and other accessories (i.e. "payload") without exceeding the technically permissible maximum laden mass.

The payload is obtained by deducting the mass in running order (nominal value according to sales documents; see no. 2 above) and the mass of the optional equipment from the technically permissible maximum laden mass (see no. 1 above). The EU regulations stipulate a fixed minimum payload for caravans that must remain as a minimum for baggage or other accessories not installed at the factory. This minimum payload is calculated as follows:

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

where "n" = maximum number of sleeping berths and

"L" = total length of the vehicle body (without drawbar).

The maximum number of sleeping berths corresponds to the actual configured sleeping berths of the individual vehicle. For a caravan with 6 designated sleeping berths and a total length of the vehicle body of 7 m, the minimum payload is calculated as follows: $10 \text{ kg} \cdot (6 + 7) = 130 \text{ kg}$.

To ensure that the minimum payload 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 payload of 130 kg, the total mass of the optional equipment for a vehicle with 6 designated sleeping berths and a mass in running order of 1,750 kg should not exceed 120 kg:

- 2,000 kg technically permissible maximum laden mass**
- 1,750 kg mass in running order
- 130 kg minimum payload
- = **120 kg maximum permissible mass for optional equipment**

It is important to note that this calculation is based on the standard value for the mass in running order specified in the type approval procedure and does not account for permissible weight deviations for the mass in running order (see no. 2 above). If the maximum permissible value of 120 kg for the optional equipment is nearly or fully exhausted in this example and the standard value of the mass in running order is applied, it is possible for the minimum payload of 130 kg to be complied with mathematically in the event of an upward weight deviation even if the vehicle has no load capacity.

Here is another example calculation for a vehicle with 6 sleeping berths whose actual weighed mass in running order is 2% above the nominal value:

- 2,000 kg technically permissible maximum laden mass**
- 1,785 kg actual weighed mass in running order
(in the example: 2% higher than the specified value of 1,750 kg)
- 120 kg optional equipment (maximum permissible value)
- = **95 kg actual load capacity**
(< minimum pay-mass of 130 kg)

To avoid such a situation, Dethleffs further reduces the maximum permissible weight of the total optional equipment that can be ordered depending on the specific model. The limitation of optional equipment is intended to ensure that the minimum payload, i.e. the legally prescribed free mass for baggage and retrofitted accessories, is actually available for the load capacity of the vehicles delivered by Dethleffs.

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 payload is not guaranteed at the end of the line despite this limitation of optional equipment. In order to guarantee the minimum payload even in these cases, Dethleffs will check together with your trading partner and you before delivery of the vehicle whether, for example, the load capacity of your vehicle is to be increased or optional equipment removed.

5. Effects of tolerances of the mass in running order on the remaining load capacity

Irrespective of the minimum payload, you should bear in mind that unavoidable production-related fluctuations in the mass in running order – both upwards and downwards – have a corresponding effect on the remaining load capacity: If, for example, you order our example vehicle with optional equipment with a total weight of 90 kg, the calculated payload based on the standard value for the mass in running order is 160 kg.

The load capacity actually available may deviate upwards or downwards from this value due to tolerances. If the mass of your vehicle in running order is approximately 2% higher than specified in the sales documents, the load capacity is reduced from 160 kg to 125 kg:

- 2,000 kg technically permissible maximum laden mass**
- 1,785 kg actual weighed mass in running order
(in the example: 2% higher than the specified value of 1,750 kg)
- 90 kg ordered optional equipment of the specific vehicle
- = **125 kg actual load capacity**

In order to ensure that the calculated payload is actually adhered to, you should therefore take the possible and permissible tolerances for the mass in running order into account as a precaution when configuring your vehicle.

We also recommend weighing the loaded caravan on a scale before each journey to check whether the technically permissible total weight is adhered to. In addition, we recommend checking the actual drawbar load of the loaded vehicle. This must not be higher than the max. drawbar load of the towing vehicle. Furthermore, the technically permissible maximum laden mass of the vehicle combination must be observed when loaded, i.e. the maximum mass of the combination of your motor vehicle and your caravan.