

Globetrail (Fiat)



Dethleffs' many years of experience in the construction of leisure vehicles is reflected in the Globetrail on Fiat Ducato: quality, ambience and many well thought-out solutions make it stand out from the crowd of camper vans. The attractive price/performance ratio and a large selection of different vehicle concepts from compact to spacious round off the range and make the Globetrail the perfect match for camper van enthusiasts and newcomers.

Technical info

Overall length, approx.	541 - 636 cm
Overall width, approx.	205 cm
Overall width with mirrors, approx.	265 cm
Overall height, approx.	265 / 278 cm
Headroom in living area, approx.	189 cm

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

Upholstery



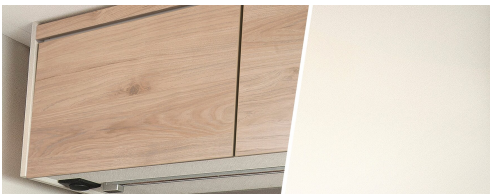
+ Upholstery Camino



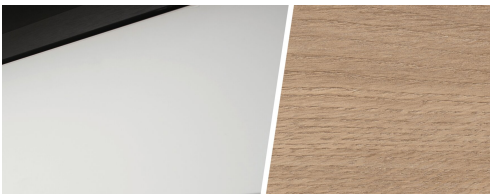
+ Upholstery Scandi

○

Wood décor



+ Wood décor Noce Nagano, additional decor Web pebble grey

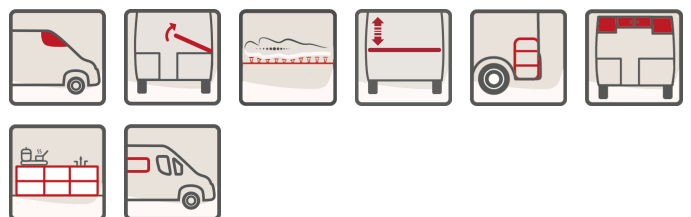


+ Wood décor Amberes Oak, skirting board finish Trace Dark Grey ○

○ optionally available

Plus factors

- + Excellent chassis equipment: 16-inch aluminium wheels, leather steering wheel, air conditioning, cruise control, electric parking brake, captain's chairs, blackout blinds and much more.
- + Disc spring sleep system with full-length disc springs for high comfort, fold-up step for accessing the bed and optional stair access. Single beds can be extended to form a family bed.
- + Modern, ergonomic interior design with handleless, optional backlit overhead locker doors and an inviting, illuminated shelf at the entrance.
- + Easy loading of the rear garage thanks to fold-up beds
- + Large, spacious drawers with soft-close in the kitchen
- + Extensive standard equipment including fly screen door, window in the bathroom, rear shelf, all-round overhead lockers in the bedroom and much more.
- + 10-year tightness guarantee!



Globetrail (Fiat)

Technical info



Globetrail (Fiat)		540 DR	600 DK	600 DS	600 DR	600 ER
Standard chassis		—	Fiat Ducato	Fiat Ducato	Fiat Ducato	Fiat Ducato
Standard engine		—	Multijet 3	Multijet 3	Multijet 3	Multijet 3
kw (bhp)		—	103 (140)	103 (140)	103 (140)	103 (140)
Emission standards		—	Euro 6e-bis	Euro 6e-bis	Euro 6e-bis	Euro 6e-bis
Overall length, approx.	cm	541	599	599	599	599
Overall width, approx.	cm	205	205	205	205	205
Overall width with mirrors, approx.	cm	265	265	265	265	265
Overall height, approx.	cm	265 / 278 ○	265 / 278 ○	265 / 278 ○	265 / 278 ○	265 / 278 ○
Overall height (open pop-top roof)	cm	358	358	358	358	358
Headroom in living area, approx.	cm	189	189	189	189	189
Towable load braked/unbraked	kg	2500 / 750	2500 / 750	2500 / 750	2500 / 750	2500 / 750
Wheelbase, approx.	cm	345	404	404	404	404
Bed dimension: Central / middle bed, L X W, approx.	cm	180 x 91 ○	180 x 88 ○	180 x 88 ○	180 x 88 ○	180 x 88 ○
Bed dimension: Rear bed, L x W, approx.	cm	197 x 132 - 118	197 x 157 - 140	197 x 157 - 140	197 x 157	191 - 176 x 197
Bed dimension: pop-up roof, L X W, approx.	cm	209 x 143 ○	209 x 143 ○	209 x 143 ○	209 x 143 ○	209 x 143 ○
Sleeping berths standard / max.		2 / 5 ○	2 / 5 ○	2 / 5 ○	2 / 5 ○	2 / 5 ○
Mass in running order (+/-5%)*	kg	2800 (2660 to 2940)*	2880 (2736 to 3024)*	2880 (2736 to 3024)*	2880 (2736 to 3024)*	2880 (2736 to 3024)*
Manufacturer-specified mass for optional equipment*	kg	378	292	292	292	292
Technically permissible maximum laden mass*	kg	3499	3499	3499	3499	3499
Permitted number of seats (including driver)*		4	4	4	4	4
Waste water tank, approx.	l	90	90	90	90	90
Fresh water tank capacity, total/ Fresh water tank capacity at driving filling	l	100 / 20	100 / 20	100 / 20	100 / 20	100 / 20



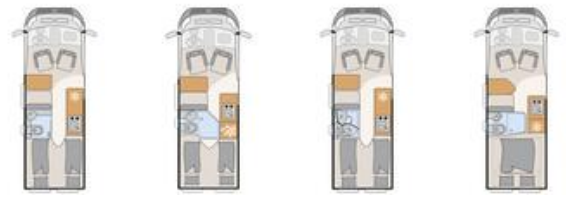
* INFO

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 $\pm 5\%$ 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 Dethleffs 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 Dethleffs. 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.

Globetrail (Fiat)

Technical info



Globetrail (Fiat)		640 EK	640 ER	640 ES	640 HR
Standard chassis		Fiat Ducato	Fiat Ducato	Fiat Ducato	Fiat Ducato
Standard engine		Multijet 3	Multijet 3	Multijet 3	Multijet 3
kw (bhp)		103 (140)	103 (140)	103 (140)	103 (140)
Emission standards		Euro 6e-bis	Euro 6e-bis	Euro 6e-bis	Euro 6e-bis
Overall length, approx.	cm	636	636	636	636
Overall width, approx.	cm	205	205	205	205
Overall width with mirrors, approx.	cm	265	265	265	265
Overall height, approx.	cm	265 / 278 ○	265 / 278 ○	265 / 278 ○	265 / 278 ○
Overall height (open pop-top roof)	cm	358	358	358	358
Headroom in living area, approx.	cm	189	189	189	189
Towable load braked/unbraked	kg	2500 / 750	2500 / 750	2500 / 750	2500 / 750
Wheelbase, approx.	cm	404	404	404	404
Bed dimension: Central / middle bed, L X W, approx.	cm	180 x 88 ○	180 x 88 ○	180 x 88 ○	180 x 88 ○
Bed dimension: Rear bed, L x W, approx.	cm	195 - 179 x 197	194 - 190 x 197	195 - 179 x 197	200 - 186 x 156 / 204 - 190 x 155 ○
Bed dimension: pop-up roof, L X W, approx.	cm	209 x 143 ○	209 x 143 ○	209 x 143 ○	209 x 143 ○
Sleeping berths standard / max.		2 / 5 ○	2 / 5 ○	2 / 5 ○	2 / 7 ○
Mass in running order (+/-5%)*	kg	2980 (2831 to 3129)*	2980 (2831 to 3129)*	2980 (2831 to 3129)*	2980 (2831 to 3129)*
Manufacturer-specified mass for optional equipment*	kg	189	189	189	189
Technically permissible maximum laden mass*	kg	3499	3499	3499	3499
Permitted number of seats (including driver)*		4	4	4	4
Waste water tank, approx.	l	90	90	90	90
Fresh water tank capacity, total/ Fresh water tank capacity at driving filling	l	100 / 20	100 / 20	100 / 20	100 / 20

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



* INFO

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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

	540 DR	600 DK	600 DS	600 DR	600 ER	640 EK	640 ER	640 ES	640 HR
Base vehicle Fiat									
Fiat Ducato Multijet 140 (2.2 l / 140 HP / 103 kW) - 3,499 kg permissible total weight - automatic transmission (RHD)	●	—	—	—	—	—	—	—	—
Fiat Ducato Multijet 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg permissible total weight	—	●	●	●	●	—	—	—	—
Fiat Ducato Multijet 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg permissible total weight	—	—	—	—	—	●	●	●	●
Right-hand drive chassis	●	●	●	●	●	●	●	●	●
Base vehicle equipment Fiat									
16" alloy wheels in black (light) ¹⁾	●	●	●	●	●	●	●	●	●
90 litre diesel tank	●	●	●	●	●	●	●	●	●
All-weather tyres M+S* Camping Snowflake	●	●	●	●	●	●	●	●	●
Cab air conditioning	●	●	●	●	●	●	●	●	●
Captain Chair and Traction+ (Traction+ not for 540 lengths)	●	●	●	●	●	●	●	●	●
Cruise control	●	●	●	●	●	●	●	●	●
Cup Holder	●	●	●	●	●	●	●	●	●
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	●	●	●	●	●	●	●	●	●
High-load ESP (for models with 540 length)	●	—	—	—	—	—	—	—	—
Leather-trimmed steering wheel and gear knob	●	●	●	●	●	●	●	●	●
Maxi/automatic chassis: 16" bicolour alloy wheels ²⁾	●	●	●	●	●	●	●	●	●
Passenger airbag	●	●	●	●	●	●	●	●	●
Right-hand drive with sliding door on the right-hand side	●	●	●	●	●	●	●	●	●
Tablet holder, DAB aerial in the mirror, loudspeakers, steering wheel radio controls	●	●	●	●	●	●	●	●	●
Techno Trim	●	●	●	●	●	●	●	●	●
USB socket (B+C)	●	●	●	●	●	●	●	●	●
Exterior colours Fiat									
White	●	●	●	●	●	●	●	●	●
Exterior equipment									
Electric entry step	●	●	●	●	●	●	●	●	●
Exterior stickers Classic	●	●	●	●	●	●	●	●	●
Flush fitting windows	●	●	●	●	●	●	●	●	●
Flyscreen door	●	●	●	●	●	●	●	●	●
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	—	●	●	●	●	●	●	●	●
Skylight in the bathroom with integrated fly screen	—	●	●	—	—	●	—	●	—
Window in the bathroom	●	●	●	●	●	●	●	●	●
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 design / living area									
2-burner stove and sink combination with electric ignition	●	●	●	●	●	●	●	●	●
Access ladder for pull-down bed	—	—	—	—	—	—	—	—	●
Centre bathroom with fixed sink, big mirror and cassette toilet	—	—	—	●	—	—	●	—	●
Centre bathroom with swivel washbasin, black designer fittings and cassette toilet	●	—	—	—	●	—	—	—	—
Circumferential overhead lockers in the rear	●	●	●	●	●	●	●	●	—
Comfortable seating group with high-quality side wall panelling	●	●	●	●	●	●	●	●	●
Compact bathroom (tambour door) with fixed sink and cassette toilet	—	●	—	—	—	●	—	—	—
Compressor refrigerator 84 l incl. freezer compartment 6.1 l	●	●	●	●	●	●	●	●	●
Ergonomically arranged kitchen with generous work surface	●	●	●	●	●	●	●	●	●
Ergonomically shaped pads for more sitting comfort	●	●	●	●	●	●	●	●	●
Folding privacy screen in driver's cab: side windows	●	●	●	●	●	●	●	●	●
Folding privacy screen in driver's cab: windscreen	●	●	●	●	●	●	●	●	●

Standard equipment

	540 DR	600 DK	600 DS	600 DR	600 ER	640 EK	640 ER	640 ES	640 HR
Front with spacious storage above the driver's cab	●	●	●	●	●	●	●	●	●
Generous storage space and storage options	●	●	●	●	●	●	●	●	●
Generous storage space in the bathroom	●	●	●	●	●	●	●	●	●
Multifunctional rail on the kitchen back panel (for matching accessories)	●	●	●	●	●	●	●	●	●
Open storage space under the roof cabinets, left side of the bed	●	●	●	●	●	●	●	●	—
Partition wall with fold-down comfort step for rear bed (with lengthways beds, incl. variable bed extension)	●	●	●	●	●	●	●	●	—
Platform of the seating group with integrated storage compartment	●	●	●	●	●	●	●	●	●
Pull-down bed with an enormous amount of storage space in the rear	—	—	—	—	—	—	—	—	●
Rear bed with folding disc spring frame	●	●	●	●	●	●	●	●	●
Rear storage space with 4 integrated lashing eyes	●	●	●	●	●	●	●	●	●
Storage shelf under the rear bed	●	●	●	●	●	●	●	●	—
Storage space under the seating area	●	—	—	—	●	—	—	—	—
Swivel bath with roller shutter door, swivelling wall in frosted glass look and cassette toilet	—	—	●	—	—	—	—	●	—
Three roomy drawers with Servosoft pull-out	●	●	●	●	●	●	●	●	●
Upholstery Camino	●	●	●	●	●	●	●	●	●
Variably extendable work surface	—	—	—	●	—	—	●	—	●
Wardrobe in bed base on the left	—	●	●	●	—	●	●	●	—
Wood décor Noce Nagano, additional decor Web pebble grey	●	●	●	●	●	●	●	●	●
Heating									
Board control panel with indication of all fill levels and battery capacities	●	●	●	●	●	●	●	●	●
Hot air heating 4 kW with hot water boiler	●	●	●	●	●	●	●	●	—
Standard control panel for CP Classic heater, analogue	●	●	●	●	●	●	●	●	●
Water supply									
Water tank 100l, waste water tank 90l	●	●	●	●	●	●	●	●	●
Gas supply									
Gas shut-off valves easily accessible and centrally located	●	●	●	●	●	●	●	●	●
Storage space for gas cylinders with 11 kg filling weight each: 2 pcs.	●	●	●	●	●	●	●	●	—
Storage space in the kitchen for a gas cylinder with a filling weight of 2.8 kg	—	—	—	—	—	—	—	—	●
Electrical installation									
1x 230 V socket in the kitchen, 1x double USB socket in the rear right-hand side	●	●	●	●	●	●	●	●	●
CEE exterior socket for 230 V with circuit breaker	●	●	●	●	●	●	●	●	●
Electric charger for body and vehicle battery 12 V / 18 A (trickle charge)	●	●	●	●	●	●	●	●	●
Flexible light strip, surface mounted spot freely positionable	●	●	●	●	●	●	●	●	●
Light switch optimally placed in the vehicle, e.g. directly at the entrance	●	●	●	●	●	●	●	●	●
Platform of the seating group with indirect lighting with automatic door opening system	●	●	●	●	●	●	●	●	●
Powerful, maintenance-free battery (95 Ah)	●	●	●	●	●	●	●	●	●
Pre-wiring for rear view camera	●	●	●	●	●	●	●	●	●
Rear storage compartment lighting	●	●	●	●	●	●	●	●	●
TV preparation 12V and TV socket, SAT connection	●	●	●	●	●	●	●	●	●
Safety									
10-year leakage guarantee	●	●	●	●	●	●	●	●	●
Isofix for one seat	—	●	●	●	—	●	●	●	●

PACKAGES GLOBETRAIL (FIAT)

Package	95 years package (540 DR) (15543)	95 years package (600 ER) (15542)	95 years package (600 DK / DS / DR) (15542)	95 years package (640 EK / ES / ER / HR) (15542)
Pack Easy Driving Plus (New Pack Safety, bumpers in body colour, black skid plate, front fog lights, ACC adaptive cruise control)	x	x	x	x
Pack Vision Level 2 (folding side mirrors, parking sensors rear, blind spot assistant)	x	x	x	x
Automatic air conditioning	x	x	x	x
Digital rear view camera	x	x	x	x
Digital cockpit	x	x	x	x
Radio navigation with 10" display	x	x	x	x
Wireless Phone Charger	x	x	x	x
Exterior stickers Full	x	x	x	x
Awning light	x	x	x	x
Indirect lighting	x	x	x	x
LED light tube in the kitchen	x	x	x	x
Pre-wiring solar system	x	x	x	x
Truma CP Plus control panel	x	x	x	x
230V socket in wall unit, front left (seating group)	x	x	x	x
12V socket in the rear area, bottom left	x	x	x	x
Additional double USB socket in the front left	x	x	x	x
Swivelling plate table extension	x	x		
Sliding window with fly screen and blackout blind at the rear left	x			
Awning 3,25 m (540)	x			
Window with fly screen and blackout blind in rear left		x	x	x
Awning 3,75 m (600)		x	x	
Swivelling plate table extension			x	x
Awning 4,00 m (640)				x
Additional weight (kg)*	△	△	△	△



* 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 Dethleffs 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.

Package	Chassis Package (14420)	Chassis Package ACC (15532)
New Pack Safety (emergency brake assistant with pedestrian detection, rain and light sensors, lane departure warning, traffic sign recognition, drowsiness detection, intelligent speed assistant)	x	
Pack Vision Level 2 (folding side mirrors, parking sensors rear, blind spot assistant)	x	x
Full LED headlights	x	x
Bumpers in body colour, skid plate in black, fog lights	x	
Pack Easy Driving Plus (New Pack Safety, bumpers in body colour, black skid plate, front fog lights, ACC adaptive cruise control)		x
Additional weight (kg)*	△	△

Package	Comfort Package (540 DR) (15195)	Comfort Package (600 ER) (15194)	Comfort Package (600 DK / DS / DR) (15194)	Comfort Package (640 EK / ES / ER) (15194)	Comfort Package (640 HR) (15196)
Sliding window with fly screen and blackout blind at the rear left	x				
Innovative pull-out under the rear bed	x	x	x	x	
Swivelling plate table extension	x	x			
Window with fly screen and blackout blind in rear left		x	x	x	x
Swivelling plate table extension			x	x	x
Additional weight (kg)*	31.1	32	31.3	31.3	8.3

Electric Package (15510)	
Awning light	
Additional double USB socket in the front left	
12V socket in the rear area, bottom left	
230V socket in wall unit, front left (seating group)	
Indirect lighting	
LED light tube in the kitchen	
Pre-wiring solar system	
Additional weight (kg)*	6.42

Digital Package (14379+14380)	
Digital rear view camera	
Automatic air conditioning	
Wireless Phone Charger	
Radio navigation with 10" display	
Digital cockpit	
Additional weight (kg)*	22.6

△ Not known at the time of publication



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optional equipment shown in the model overviews. This is a calculated value for each type and layout that Dethleffs 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	540 DR	600 DK	600 DS	600 DR	600 ER	640 EK	640 ER	640 ES	640 HR
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Base vehicle Fiat										
Fiat Ducato Multijet 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg permissible total weight - automatic transmission	60	15361	—	○	○	○	○	—	—	—
Fiat Ducato Multijet 140 (2.2 l / 140 hp / 103 kW) - 3,499 kg permissible total weight - automatic transmission	60	15367	—	—	—	—	—	○	○	○
Fiat Ducato Multijet 140 Maxi (2.2 l / 140 hp / 103 kW) Heavy Duty - 4,250 kg permissible total weight - automatic transmission	60	15548	—	○	○	○	○	—	—	—
Fiat Ducato Multijet 180 (2.2 l / 180 hp / 132 kW) - 3,499 kg gross vehicle weight - automatic transmission	0	15359	○	—	—	—	—	—	—	—
Fiat Ducato Multijet 180 (2.2 l / 180 hp / 132 kW) - 3,499 kg permissible total weight - automatic transmission	60	15362	—	○	○	○	○	—	—	—
Fiat Ducato Multijet 180 (2.2 l / 180 hp / 132 kW) - 3,499 kg permissible total weight - automatic transmission	60	15368	—	—	—	—	—	○	○	○
Fiat Ducato Multijet 180 Maxi (2.2 l / 180 HP / 132 kW) - 4,250 kg permissible total weight - automatic transmission (RHD)	60	15372	—	—	—	—	—	○	○	○
Fiat Ducato Multijet 180 Maxi (2.2 l / 180 hp / 132 kW) - 3,500 kg permissible total weight - automatic transmission	60	15371	—	—	—	—	—	○	○	○
Base vehicle equipment Fiat										
Full LED headlights ³⁾	△	12089	○	○	○	○	○	○	○	○
Exterior colours Fiat										
Black Metallic	2.5	1333	○	○	○	○	○	○	○	○
Expedition Grey	0	9741	○	○	○	○	○	○	○	○
Grigio Ferro Metallic	2.5	046	○	○	○	○	○	○	○	○
Lanzarote Grey	0	12084	○	○	○	○	○	○	○	○
Exterior equipment										
Awning 3,25 m (540)	32.4	1646	○	—	—	—	—	—	—	—
Awning 3,75 m (600)	38.3	1646	—	○	○	○	○	—	—	—
Awning 4,00 m (640)	41.5	1646	—	—	—	—	—	○	○	○
Exterior stickers Full	△	530	○	○	○	○	○	○	○	○
Front with panorama window ⁴⁾	3.35	6432	○	○	○	○	○	○	○	○
Pop-up roof black, opens completely at the front incl. electric closing assistant, fly screen, gooseneck light and USB socket, with high-quality mattress ⁴⁾	145.5	10306	○	○	○	○	○	○	○	○
Window with flyscreen and blackout blind in the rear right-hand side	5.9	1909	—	—	—	—	○	○	○	○
Interior design / living area										
Access steps for rear longitudinal bed incl. storage compartments	△	14475	—	—	—	—	○	○	○	—
Additional bed in the rear (204/190 cm x 155 cm)	25.1	7109	—	—	—	—	—	—	—	○
Guest bed across the living area	12.6	1944	—	—	—	—	—	—	—	○
Guest bed across the living area	12.6	1944	—	○	—	—	—	—	—	—
Guest bed across the living area	12.6	1944	—	—	—	—	—	○	—	—
Guest bed across the living area	12.8	1944	○	—	—	—	—	—	—	—
Guest bed across the living area	12.6	1944	—	—	○	—	—	—	—	—
Guest bed across the living area	11.2	1944	—	—	—	○	—	—	—	—
Guest bed across the living area	12.8	1944	—	—	—	—	○	—	—	—
Guest bed across the living area	12.6	1944	—	—	—	—	—	—	○	—
Guest bed across the living area	11.2	1944	—	—	—	—	—	—	○	—
Lashing rails in the rear floor	5	1618	○	○	○	○	○	○	○	○



* 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 Dethleffs 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.

Optional equipment**

	Additional weight (kg)*	Code	540 DR	600 DK	600 DS	600 DR	600 ER	640 EK	640 ER	640 ES	640 HR
Swivelling plate table extension	3.1	1900	○	—	—	—	○	—	—	—	—
Swivelling plate table extension	2.4	1900	—	○	○	○	—	○	○	○	○
Upholstery Scandi ⁵⁾	0	13167	○	○	○	○	○	○	○	○	○
Wood décor Amberes Oak, skirting board finish Trace Dark Grey ⁵⁾	0	11827	○	○	○	○	○	○	○	○	○
Heating											
Combi 6DE diesel electric heater incl. Truma CP Plus control panel	5	330+1617	○	○	○	○	○	○	○	○	—
Combi 6E gas-electric heater incl. Truma CP Plus control panel	3	995+330	○	○	○	○	○	○	○	○	—
Diesel heater Combi 6D	4	1617	○	○	○	○	○	○	○	○	●
Electric heating 230V incl. Truma CP Plus control panel	1	330	—	—	—	—	—	—	—	—	○
Truma CP Plus control panel ⁶⁾	0	6622	○	○	○	○	○	○	○	○	○
Water supply											
Waste water tank insulated and heated	14.4	665+642	○	○	○	○	○	○	○	○	○
Gas supply											
Automatic gas cylinder switchover incl. crash sensor and EisEx	2.5	1577	○	○	○	○	○	○	○	○	—
Electrical installation											
Second habitation battery 140 Ah (lithium-ion 5 cells)	△	13968	○	○	○	○	○	○	○	○	○
Second habitation battery 95 Ah	27	830	○	○	○	○	○	○	○	○	○
Wi-Fi router incl. roof antenna ⁷⁾	△	14899	○	○	○	○	○	○	○	○	○
Packages											
95 years package (540 DR) ⁸⁾	△	15543	○	—	—	—	—	—	—	—	—
95 years package (600 DK / DS / DR) ⁸⁾	△	15542	—	○	○	○	—	—	—	—	—
95 years package (600 ER) ⁸⁾	△	15542	—	—	—	—	○	—	—	—	—
95 years package (640 EK / ES / ER / HR) ⁸⁾	△	15542	—	—	—	—	—	○	○	○	○
Chassis Package	△	14420	○	○	○	○	○	○	○	○	○
Chassis Package ACC	△	15532	○	○	○	○	○	○	○	○	○
Comfort Package (540 DR)	31.1	15195	○	—	—	—	—	—	—	—	—
Comfort Package (600 DK / DS / DR)	31.3	15194	—	○	○	○	—	—	—	—	—
Comfort Package (600 ER)	32	15194	—	—	—	—	○	—	—	—	—
Comfort Package (640 EK / ES / ER)	31.3	15194	—	—	—	—	—	○	○	○	—
Comfort Package (640 HR)	8.3	15196	—	—	—	—	—	—	—	—	○
Digital Package	22.6	14379+14380	○	○	○	○	○	○	○	○	○
Electric Package	6.42	15510	○	○	○	○	○	○	○	○	○
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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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.

IMPORTANT INFORMATION REGARDING THE SELECTION OF YOUR MOTORHOME

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 $\pm 5\%$. 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 $\pm 5\%$: 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 $3 \times 75 \text{ kg} = 225 \text{ kg}$.

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 $\pm 5\%$ (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 $\geq 10 \times (n + L)$

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. $10 \text{ kg} \times (4 + 6) = 100 \text{ kg}$.

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*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*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, Dethleffs 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 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 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, Dethleffs 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 or-**

der 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*75 kg	mass of the passengers
150 kg	optional equipment ordered for the specific vehicle
= 218 kg	sactual 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.