



## SEMI-INTEGRATED MOTORHOMES



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## TECHNICAL SPECIFICATIONS 2023-1

VAN TI . TOURER VAN . VAN TI PLUS . LIVE TI . SKY TI . VAN WAVE . LIVE WAVE . SKY WAVE  
EN | INT



**KNAUS**  
FREIHEIT, DIE BEWEGT.



# LAYOUTS 2023

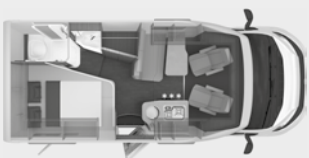
Semi-integrated

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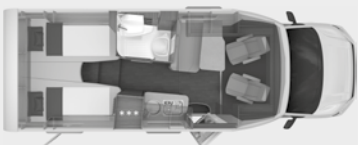
## VAN TI

The agile model  
also as special edition

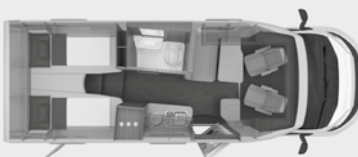
**VANSATION IIIIII**



**VAN TI 550 MF ON FIAT**



**VAN TI 640 MEG ON MAN** page 16



**VAN TI 650 MEG ON FIAT**

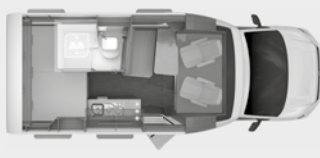
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## NEW TOURER VAN

The Cult

also as special edition

**VANSATION IIIIII**



**TOURER VAN 500 MQ**



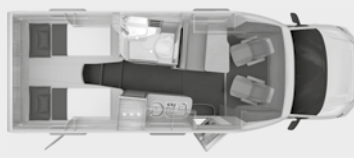
**TOURER VAN 500 LT**

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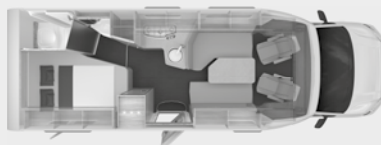
## VAN TI PLUS

The dynamic one  
also as special edition

**PLATINUM Selection**



**VAN TI PLUS 650 MEG**

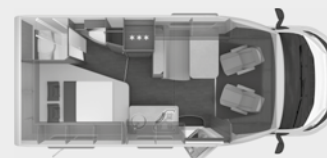


**VAN TI PLUS 700 LF**

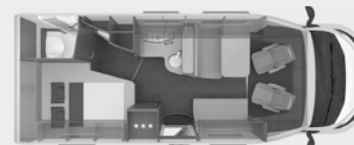
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## L!VE TI

The model that defies convention



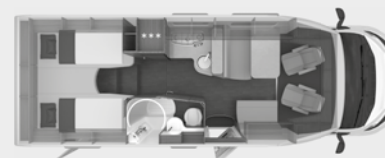
**L!VE TI 590 MF**



**L!VE TI 650 MF**



**L!VE TI 650 MEG**



**L!VE TI 700 MEG**

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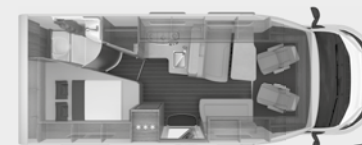
## SKY TI

The universal genius  
also as special edition

**PLATINUM Selection**



**SKY TI 650 MEG**



**SKY TI 650 MF**

Lifting bed as an option



**SKY TI 700 MEG**



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## VAN WAVE

*The all-rounder*

*also as special edition*

**VANSATION IIIIII**



**VAN WAVE 640 MEG ON MAN**

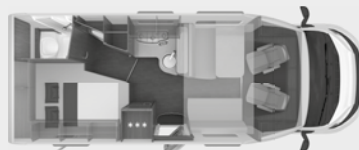
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## L!VE WAVE

*The versatile model*



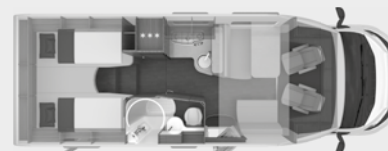
**L!VE WAVE 650 MG**



**L!VE WAVE 650 MF**



**L!VE WAVE 650 MX**



**L!VE WAVE 700 MEG**



**L!VE WAVE 700 MX**

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## SKY WAVE

*The TI with a lifting bed*

*also as anniversary edition*



**SKY WAVE 650 MF**



**SKY WAVE 650 MEG**



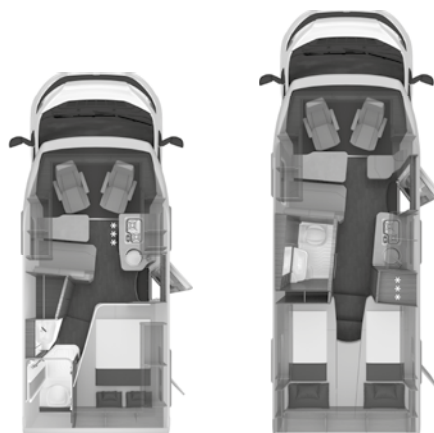
**SKY WAVE 700 MEG**

**Illustrations without engagement:** All the illustrations shown here are schematic representations without engagement. The actual vehicle and equipment features may differ from the layout examples. Certain vehicle and equipment features are not granted by the illustrations and cannot be acquired as basis/standard equipment/are not included in the Standard equipment. Therefore, please make sure to contact your dealer about the specific features and the selected equipment of your chosen vehicle before purchasing it.



# VAN TI – FIAT

## Technical specifications



Technical specifications	550 MF	650 MEG
<b>BASE VEHICLE</b>		
<b>FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox</b>	s	s
<b>BASIC EQUIPMENT</b>		
Total length (cm)	599	696
Width (outside) (cm)	220	220
Width (inside) (cm)	205	205
Height (outside) (cm)	276	276
Height (inside) (cm)	196	196
Effective vehicle mass including legally required basic equipment (kg)	2.635	2.805
Technically maximum authorised laden mass (kg)	3.500	3.500
Maximum payload (kg)	865	695
Towing load (kg)	2.000	2.000
Wheelbase (cm)	345	380
Number of persons allowed in driving operation	4	4
Beds (Note: H141)	2	3
Max. number of beds (Note: H142)	2	3
Automatic three-point belts, height-adjustable	2	2
Max. belt-secured seats	4	4

Technical specifications	550 MF	650 MEG
<b>BODY</b>		
Total number of hinged windows	3	3
Body door (width x height)	60 x 195	70 x 195
Wall thickness, roof (mm)	32	32
Wall thickness, side wall (mm)	31	31
Wall thickness, floor (mm)	40	40
<b>LIVING AREA</b>		
Three-point belts in driving direction	2	2
Bed size, front (cm)	–	195 x 115 x 41
Bed size, rear (cm)	194 x 140/105	201 x 85; 201 x 77
<b>WATER</b>		
Waste water volume in liters	95	95
Fresh water volume in liters (Note: H712B,H711)	95	95
<b>KITCHEN</b>		
Refrigerator (ltr.)	98	142
<b>ELECTRICAL SUPPLY</b>		
Living area battery	80	80
Number of 230 V socket(s)	5	5
Number of USB socket(s)	1	1

## KNAUS VAN TI FIAT – Standard equipment

Motorisation / Drive / Gearing / Load increase	
203001-99	FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox
202826	6-speed manual gearbox
Chassis / Climate Control / Multimedia	
202844	Left-hand drive
202852-01	Chassis uni paint: White
203718-01	Black radiator grille, with chrome clasp
202853	Front bumper grained, unpainted grey
152828	15" tyres
212561-01	Steel rims (Dependency: ABH14008)
200176	Air conditioning in cab, manual including pollen filter and outside temperature display
201862	Driver airbag
200501	Passenger airbag
201952-01	Driver's seat height adjustment
200975-01	Original FIAT Captainchair seats with armrests
200633	Cab seats swivelling
200567	Tempomat® - Cruise Control
202871	ESP
202872	Hill Holder (Hill Start Assist)
202873	ABS
202874	Electronic immobiliser
202876	Electromechanical power steering
203755	Trailer Stability Control System
203756	Post Collision Braking System
222881	Crosswind Assist
202890	Fuel tank 75 ltr.
202891	Car key with remote control for central locking for cab doors
202892-02	Power windows (driver's and passenger's door)
202895	Exterior mirrors manually adjustable
202901-01	Daytime running light with series headlamps
102273-01	Maximum load capacity of the rear garage: 150 kg
Doors	
102839	Body door: KNAUS KOMFORT
102840	One-key locking system

Service hatches / Garage doors	
102911	Service/storage space hatches and garage door/hatch with one-hand operation
102916-04	Service hatch for ServiceBox 70 x 40 cm, bow left
102914-14	Easy access to gas locker via the service door located in side wall, position lengthwise
102914-10	Gas locker for 2 x 11 kg gas bottles
Windows / Roof Hoods / Ventilation	
102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)
102619-01	Roof hood 40 x 40 cm with insect screen and blackout, clear (bow)
102619-02	Roof hood 40 x 40 cm with insect screen and blackout, clear (centre)
102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)
100960-04	Roof hood 28 x 28 cm with insect screen, (toilet room)
Materials / Vehicle Graphics	
102926-13	Hood over cab in LFI technology
102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier
100887	GRP roof with reduced hail sensitivity
102926-06	Smooth aluminium sheet in white
102928-05	Resistant underfloor coating
Lighting / Technology	
102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology
102933-02	Registration plate light in LED technology
102933-13	Third brake light in LED
252937	Awning light with motion sensor LED
Furniture / Surfaces	
552940-10	Furniture decor: Matara Teak
552944-03	Durable vinyl flooring, wood style
552941-16	Storage locker hatches with soft-close function
Living / Sleeping / Upholstery and Fabrics	
552960-01	Mono seating group with hanging table, incl. swivel table extension
552945-01	EvoPore HRC mattress, fixed beds only

552335-05 Upholstery selection: COOL GREY

### Kitchen / Bathroom

- 402985-05 2-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)
- 552941-17 Kitchen drawers with soft-close function
- 402417 Automatic energy selection for refrigerator (AES)
- 453502-07 High-quality fittings
- 453509-07 Folding clothes rail in the toilet room or shower

### Heating / Air conditioning / Gas Supply / Water Supply

- 302973 Gas system 30 mbar
- 302974 Gas hose version D/AT/ES/FI/BE/IT/NL/DK
- 302978 Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
- 551054 Air circulation system 12 V
- 351166 Heating TRUMA Combi 6
- 453510-01 Water supply with submerged pump
- 453510-03 Hot water supply with single-lever mixer tap
- 453510-07 Water pipes laid in insulated area

### Electronics / Multimedia / Safety

- 253523-02 Power supply / interior lighting with 230 V and 12 V, various interior sockets
- 253526-04 Networkable electrical system incl. central control panel with display for status of batteries, fresh and waste water tanks and power connection
- 253534-06 Interior lighting completely in LED technology
- 253527-02 Charger 216 VA
- 253530 Circuit breaker
- 251949-02 USB socket in the front (1 pc.)
- 252723 Charging booster for body battery
- 253517 230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
- 252729 230 V SCHUKO socket, additional 1 pc. in garage

### Miscellaneous

- 953542-01 Operating instruction (German)

### Accessories

- 953543 10-year leak-proofness guarantee

## KNAUS VAN TI FIAT – Packages

Item no.		
210010	FIAT Package – semi-integrated (TI) (12 kg)	
200488	Electrically adjustable and heated exterior mirrors	
201788	Front bumper painted in chassis colour	
201952	Passenger's seat height adjustment	
202132	16" tyres	
202478	Steering wheel with controls for radio	
	Info: Please note that if you do not order the FIAT package, the delivery time of the vehicle will be extended considerably.	

Item no.		
220001	VAN TI Package (22 kg)	
100526-15	Garage door 80 x 110 cm, left	
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/passenger's seat in KNAUS fabric stlye	
250233	Radio preparation incl. 2 loudspeakers	
352059	TRUMA CP-Plus digital heating control panel	
450740	Insulating hood waste water tank, heatable	
452718-01	"bluuwater" water filter system	
550610	Front and side window blackout	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	

Item no.		
220003	VAN TI Package – MF (16 kg)	
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/passenger's seat in KNAUS fabric stlye	
250233	Radio preparation incl. 2 loudspeakers	
352059	TRUMA CP-Plus digital heating control panel	
450740	Insulating hood waste water tank, heatable	
452718-01	"bluuwater" water filter system	
550610	Front and side window blackout	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	

Item no.		
114580	Connected-Security-Package for velocate® GPS-Tracker	
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

Item no.		
210020	Safety I Package (4 kg)	
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
221013	Arctic Package (1 kg)	
201787	"Traction Plus" traction aid, including Hill Descent Assist	
203732	230 V socket in driver's cab	
203734	Heated windscreen	
203808	All-weather tyres	

## KNAUS VAN TI FIAT – Packages

Item no.		
210030 Styling I Package		
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	

Item no.		
210006 Media Package (4 kg)		
251793	Rear view camera incl. wiring	
252143	All-in-one navigation system	
252715	Head-up display	

Item no.		
210073 TV Package Twin 27" – 60 (26 kg)		
252405	TV holder	
252479	Pre-cabling for TV in the sleeping area	
252824-01	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

Item no.		
210051 Styling Package – Black		
201815	Alloy rims for standard tyres	
202139	Headlights in black frame	
203718	Radiator grille painted black, with shiny black bar incl. chrome-plated trim elements	
203720	Spoiler lips (skid-plate) black	
203723	Full LED front lighting (low beam, high beam and indicators)	

Item no.		
225035 Energy-Basic Package		
232667	Intelligent charger with 25 A charging power	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
210018 Care-drive Package FIAT (2 kg)		
202150	Tyre pressure sensors	
202710	Safety Pack FIAT	

Item no.		
210052 Styling Package – Alu		
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	
203721	Spoiler lips aluminium look (skid-plate)	
203723	Full LED front lighting (low beam, high beam and indicators)	

Item no.		
225030 Energy Plus Package (24 kg)		
232667	Intelligent charger with 25 A charging power	
250201	Additional board battery	
251757	Battery sensor for on-board battery	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

# KNAUS VAN TI FIAT – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	550 MF	650 MEG
		<b>Motorisation / Drive / Gearing / Load increase</b>			
		<b>FIAT Ducato</b>			
		<b>3.500 kg Chassis light</b>			
203004-99		FIAT Ducato 3.500 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (132 kW / 180 HP); 6-speed manual gearbox (Dependency: ABH18951)	-	-	o
		<b>Gearing</b>			
202711		9-speed torque converter automatic transmission (Dependency: ABH14014)	18	o	o
		<b>Load Increase</b>			
201781-01		Load increase from 3.500 kg to 3.650 kg (Dependency: ABH23045)	-	o	o
		<b>Chassis / Climate Control / Multimedia</b>			
200394		Crank supports, rear	4	-	o
202766		Coil spring on rear axle (Chassis optimisation) (Dependency: ABH14000)	10	o	o
202060		2-channel air suspension (Dependency: ABH14002)	25	o	o
		<b>Paints</b>			
201786-04	210030, 210052	Chassis in paint: Lanzarote Grey	-	o	o
202139	210051	Headlights in black frame (Dependency: ABH14004)	-	o	o
201788	210010	Front bumper painted in chassis colour	1	o	o
		<b>Tyres</b>			
203808	202568, 202569, 202572, 202573, 221013	All-weather tyres	-	o	o
202200		16" full wheel covers (Dependency: ABH14010)	2	o	o
200868		Wheel covers in KNAUS design (Dependency: ABH13886)	2	o	o
201815	210030, 210051, 210052	Alloy rims for standard tyres (Dependency: ABH14014, ABH14013)	-	o	o
202568		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23047, ABH14018, ABH13892, ABH13893, Note: H150)	7	o	o
202569		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23047, ABH14018, ABH13892, ABH13893, Note: H150)	7	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	550 MF	650 MEG
202572		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23047, ABH14021, ABH13893, Note: H150, H161)	4	o	o
202573		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23047, ABH14021, ABH13893, Note: H150, H161)	4	o	o
		<b>Air Conditioning / Interior</b>			
201686		Air conditioning in cab, automatic (extra charge from difference to manual air conditioning)	-	o	o
201952	210010	Passenger's seat height adjustment	-	o	o
201519		Steering wheel and gear knob in leather	-	o	o
203730		Instrument panel in Techno design (aluminium)	-	o	o
201789	220003, 220001	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	-	o	o
202392		Seat heating for driver's and passenger's seats	1	o	o
203734	221013	Heated windscreen	1	o	o
		<b>Assistance Systems</b>			
201787	221013	"Traction Plus" traction aid, including Hill Descent Assist	-	o	o
202150	210018	Tyre pressure sensors	1	o	o
202710	210018	Safety Pack FIAT	1	o	o
203729		Electric parking brake (Dependency: ABH14000)	-9	o	o
254114		Levelling system	1	o	o
		<b>Lighting / Technology</b>			
200178-01		Fog lights with cornering lights	2	o	o
201043		Spare tyre	20	o	o
202712		Fuel tank 90 ltr.	13	o	o
203731		Keyless (Entry&Go) (Dependency: ABH13912)	1	o	o
202227		Additional car key with remote control (Dependency: ABH14174)	-	o	o
200488	210010	Electrically adjustable and heated exterior mirrors	1	o	o
203723	210051, 210052	Full LED front lighting (low beam, high beam and indicators) (Dependency: ABH14024)	-	o	o
202137	203723	LED daytime running light	-	o	o
201630		Battery disconnect switch in driver's cab	-	o	o
203732	221013	230 V socket in driver's cab	-	o	o
		<b>Multimedia / Navigation</b>			
250233	220003, 220001	Radio preparation incl. 2 loudspeakers	-	o	o



## KNAUS VAN TI FIAT – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		550 MF	650 MEG
252143	210006	All-in-one navigation system	2		o	o
203727		Inductive charging cradle	-		o	o
203725		Virtual cockpit	-		o	o
		<b>Transport Systems</b>				
102273	100237, 200188	Maximum load capacity of the rear garage: 250 kg	20		o	o
200188		Trailer hitch, rigid (Dependency: ABH14112, ABH14028, ABH14027)	26		o	o
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14176, Note: H157)	17		o	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14176, Note: H157)	18		o	o
102764		THULE garage organisation system 1 (Dependency: ABH14028)	4		–	o
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14036, ABH14027)	50		o	o
		<b>Doors</b>				
102564		Body door: KNAUS PREMIUM	2		o	o
102610		Body door: KNAUS EXKLUSIV	2		o	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-		o	o
100602	220003, 220001	Insect screen door	4		o	o
100212		Electrical entry step	7		o	o
		<b>Service hatches / Garage doors</b>				
102522-03		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14038, ABH13912)	2		o	o
		<b>Front</b>				
102915-03		KNAUS ServiceBox	-		s	–
102915-06		KNAUS ServiceBox	-		–	s
		<b>Rear</b>				
100526-16		Garage door 80 x 110 cm, right	6		–	s
100526-14		Garage door 80 x 80 cm, right	4		s	–
		<b>Windows / Roof Hoods / Ventilation</b>				
101820		Frame window SEITZ S7	-		o	o
		<b>Front</b>				
551778-01	220003, 220001	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	8		o	o
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10		o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		550 MF	650 MEG
		<b>Rear</b>				
101944		Panorama skylight 130 x 45 cm (rear) (Dependency: ABH14178)	12		–	o
101019-02		Hinged window 70 x 40 cm, (rear left)	6		–	o
		<b>Materials / Vehicle Graphics</b>				
		<b>Materials</b>				
102216		TVT body construction	-		o	o
		<b>Living / Sleeping / Upholstery and Fabrics</b>				
		<b>Living</b>				
551770		L-shaped seating group with telescopic single-column lifting table	8		o	o
552247-01		ISOFIX system (1 child seat)	5		o	o
		<b>Sleeping</b>				
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6		o	o
551796		Bed extension to a double bed	2		–	o
552198		Bed conversion of the seating group	2		–	s
551234		Bed extension in foot area, layouts with F-bed	2		o	–
552369		Fitted sheet set, precisely fitting for the mattress shape – for 2 beds (fixed beds)	1		o	o
		<b>Upholstery / Fabrics / Carpets</b>				
		<b>Upholstery Variants</b>				
552335-01		Upholstery selection: TURIN (FIAT)	-		o	o
552335-06		Upholstery selection: BLUE NIGHT	-		o	o
552188-02		Upholstery selection: ACTIVE ROYAL	-		o	o
552188-04		Upholstery selection: ACTIVE ROCK	-		o	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-		o	o
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>				
550660-06		COZY HOME Package, colour selection PEACH	3		o	o
550660-01		COZY HOME Package, colour selection EARTH	3		o	o
550660-02		COZY HOME Package, colour selection STONE	3		o	o
550660-03		COZY HOME Package, colour selection AVOCADO	3		o	o
550660-04		COZY HOME Package, colour selection AQUA	3		o	o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3		o	o
		<b>Carpets</b>				
201074		Floor mat set in driver's cab in KNAUS design	2		o	o
550235		Carpet floor in living area	6		o	o

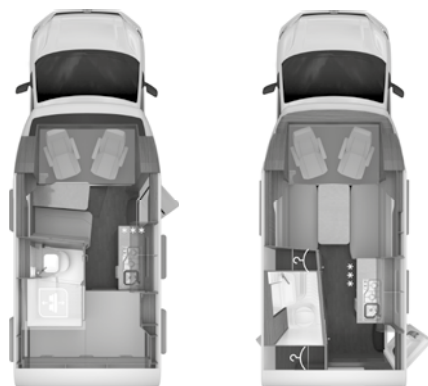
# KNAUS VAN TI FIAT – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		550 MF	650 MEG
		<b>Kitchen / Bathroom</b>				
		<b>Kitchen</b>				
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13		–	o
402991-09		Refrigerator 98 ltr.	–		s	–
402767		Refrigerator 142 ltr.	–		–	s
402995		Transparent capsule holder for coffee capsules incl. 230 V socket for storage board next to entrance door	–		–	s
		<b>Bathroom Area</b>				
453505-16		Comfort bathroom with shower and washbasin	–		–	s
453505-15		Longitudinal washroom with shower	–		s	–
453503-01		Bench toilet Thetford	–		s	–
453503-03		Cassette toilet DOMETIC swivelling	–		–	s
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>				
		<b>Gas Supply</b>				
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH13926)	–		o	o
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1		o	o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1		o	o
302499		TRUMA LevelControl (for 1 steel gas bottle) (Dependency: ABH13930)	–		o	o
551327		Smoke detector	–		o	o
302494		Gas detector	–		o	o
300518		External gas socket	1		o	o
		<b>Heating / Air conditioning</b>				
351274		Heating TRUMA Combi E	1		o	o
550825		Electric underfloor heating	8		o	o
450740	220003, 220001	Insulating hood waste water tank, heatable	2		o	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14064, ABH13935, Note: H145)	29		o	o
		<b>Water Supply</b>				
452718-01	220003, 220001	"bluuwater" water filter system	1		o	o
		<b>Electronics / Multimedia / Safety</b>				
		<b>Electronics</b>				
251949-09		USB socket in the rear (1 pc.)	–		o	o
252524		Atmospheric ambient lighting	3		o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		550 MF	650 MEG
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	–		o	o
250201	225030	Additional board battery (Dependency: ABH14066)	24		o	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23037, ABH14066)	–8		o	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23039, ABH14066)	12		o	o
253802		Solar system (100 W) (Dependency: ABH13956)	9		o	–
253782		Solar system (200 W) (Dependency: ABH13958)	17		–	o
		<b>Multimedia</b>				
252824-01	210073	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV (Dependency: ABH14074, Note: H145)	22		o	o
253568-01		27" SMART TV set with HD tuner incl. holder (Dependency: ABH14078, ABH14077)	7		o	o
252448-01		21.5" SMART TV set with HD tuner incl. holder, in sleeping area (Dependency: ABH14080, ABH14077)	6		o	o
252479	210073	Pre-cabing for TV in the sleeping area	1		o	o
252405	210073, 252448-01, 253568-01	TV holder	3		o	o
		<b>Safety</b>				
252733	210020	Alarm system "Cobra"	4		o	o
252734	210020	Gas sensor as addition to the alarm system (Dependency: ABH13974)	–		o	o
252698	114580	velocate® GPS tracker (Note: H146)	–		o	o
252815	114580	velocate® LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	–		o	o
253809	114580	velocate® sensors (gas, temperature, motion) (Dependency: ABH13978)	–		o	o
		<b>Awning / Awning Accessories</b>				
		<b>Awning THULE OMNISTOR</b>				
500892		Awning 305 x 250 cm, white	26		o	–
501333		Awning 405 x 250 cm, white	31		–	o
		<b>Miscellaneous</b>				
951036		MOT and registration document	–		o	o
		<b>Accessories</b>				
952823	220003, 220001	MediKit voucher (Note: H137)	–		o	o
953757-01	220003, 220001	silwyREADY	–		o	o

# TOURER VAN

## Technical specifications



Technical specifications	500 MQ	500 LT
<b>BASE VEHICLE</b>		
VW T6.1 2.800 kg 110kW/150PS, 6-speed manual gearbox	s	s
<b>BASIC EQUIPMENT</b>		
Total length (cm)	589	589
Width (outside) (cm)	216	216
Width (inside) (cm)	200	200
Height (outside) (cm)	280	280
Height (inside) (cm)	199	199
Effective vehicle mass including legally required basic equipment (kg)	2.660	2.660
Technically maximum authorised laden mass (kg)	2.800	2.800
Maximum payload (kg)	140	140
Wheelbase (cm)	340	340
Tyre size	235/65R16 C	235/65R16 C
Rim size	6,5J x 16	6,5J x 16
Number of persons allowed in driving operation	4	2
Beds (Note: H141)	2	2
Max. number of beds (Note: H142)	4	4
Automatic three-point belts, height-adjustable	2	2
Max. belt-secured seats	4	2

Technical specifications	500 MQ	500 LT
<b>BODY</b>		
Total number of hinged windows	3	4
Body door (width x height)	60 x 195	60 x 195
Wall thickness, roof (mm)	32	32
Wall thickness, side wall (mm)	31	31
Wall thickness, floor (mm)	40	40
<b>LIVING AREA</b>		
Three-point belts in driving direction	2	2
Bed size, rear (cm)	135 x 200	201 x 85; 201 x 77
<b>WATER</b>		
Waste water volume in liters	58	58
Fresh water volume in liters (Note: H711)	65	65
<b>KITCHEN</b>		
Refrigerator (ltr.)	90	98
<b>ELECTRICAL SUPPLY</b>		
Living area battery	80	80
Number of 230 V socket(s)	6	5
Number of USB socket(s)	3	2

Motorisation / Drive / Gearing / Load increase		Service hatches / Garage doors		Kitchen / Bathroom	
224161	VW T6.1 2.800 kg 110kW/150PS, 6-speed manual gearbox	102911	Service/storage space hatches and garage door/hatch with one-hand operation	402985-06	Cooker-sink combination incl. 2-burner cooker with electric ignition and divided glass cover (Dependency: ABH13918)
Chassis / Climate Control / Multimedia		102915-03	KNAUS ServiceBox	552941-17	Kitchen drawers with soft-close function
202844	Left-hand drive	102916-06	Service hatch for ServiceBox/Easy-Travel-Box	453502-07	High-quality fittings
202852-01	Chassis uni paint: White	102914-01	Easy access to gas locker via the service door located in side wall	453509-07	Folding clothes rail in the toilet room or shower
202853	Front bumper grained, unpainted grey	304168	Gas locker for 1 x 5 kg gas bottles	Heating / Air conditioning / Gas Supply / Water Supply	
212561	16" tyres on steel rims with wheel-centre cover, silver	Windows / Roof Hoods / Ventilation		302973	Gas system 30 mbar
202882	Cab ventilation	102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)	302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK
201862	Driver airbag	102619-01	Roof hood 40 x 40 cm with insect screen and blackout, clear (bow)	302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
200501	Passenger airbag	102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)	551054	Air circulation system 12 V
224162	Driver and passenger seat with armrests	100960-04	Roof hood 28 x 28 cm with insect screen, (toilet room)	354105	Diesel heating TRUMA Combi 4 D
224136	Lumbar support for left and right single seat in 1st row (both manually adjustable)	Materials / Vehicle Graphics		453510-01	Water supply with submerged pump
224171	Passenger's seat height adjustment	102926-13	Hood over cab in LFI technology	453510-03	Hot water supply with single-lever mixer tap
224172	Driver's seat height adjustment	102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier	453510-07	Water pipes laid in insulated area
224049	Cab seats swivelling	100887	GRP roof with reduced hail sensitivity	Electronics / Multimedia / Safety	
202887	Laminated glass windscreen with thermal insulation	102926-06	Smooth aluminium sheet in white	253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets
202871	ESP	102928-05	Resistant underfloor coating	253526-04	Networkable electrical system incl. central control panel with display for status of batteries, fresh and waste water tanks and power connection
202872	Hill Holder (Hill Start Assist)	Lighting / Technology		253534-06	Interior lighting completely in LED technology
202873	ABS	102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology	253527-02	Charger 216 VA
202874	Electronic immobiliser	102933-02	Registration plate light in LED technology	253530	Circuit breaker
202876	Electromechanical power steering	102933-13	Third brake light in LED	252723	Charging booster for body battery
232880	Multi-collision brake	252937	Awning light with motion sensor LED	253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
224163	Start-stop system with brake energy recovery	Furniture / Surfaces		252729	230 V SCHUKO socket, additional 1 pc. in garage
194000	Fuel tank 70 ltr.	552940-10	Furniture decor: Matara Teak	Miscellaneous	
202891	Car key with remote control for central locking for cab doors	552944-03	Durable vinyl flooring, wood style	953542-01	Operating instruction (German)
202892	Power windows	552941-16	Storage locker hatches with soft-close function	Accessories	
202895	Exterior mirrors manually adjustable	Living / Sleeping / Upholstery and Fabrics		953543	10-year leak-proofness guarantee
224164	Daytime running light with series headlamps	552335-05	Upholstery selection: COOL GREY	953547	First aid material, warning triangle and warning vest
224070-01	Radio "Composition Audio" with TFT display (monochrome)				
102273-01	Maximum load capacity of the rear garage: 150 kg				
Doors					
102839	Body door: KNAUS KOMFORT				
102840	One-key locking system				

## KNAUS TOURER VAN – Packages

Item no.		
<b>225035 Energy-Basic Package</b>		
232667	Intelligent charger with 25 A charging power	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
<b>225030 Energy Plus Package (24 kg)</b>		
232667	Intelligent charger with 25 A charging power	
250201	Additional board battery	
251757	Battery sensor for on-board battery	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
<b>114580 Connected-Security-Package for velocate® GPS-Tracker</b>		
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

## KNAUS TOURER VAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		500 MQ	500 LT
<b>Motorisation / Drive / Gearing / Load increase</b>						
<b>FIAT Ducato</b>						
<b>2.800 kg Chassis</b>						
224155		VW T6.1 2.800 kg 110kW/150PS, automatic gearbox	20		o	o
<b>Load Increase</b>						
224141		Load increase from 2.800 kg to 3.200 kg (Dependency: ABH29836)	56		o	o
952791		Reduction of the number of permitted seats in operation from 4 to 3 people	–		o	–
952792		Reduction of the number of permitted seats in operation from 4 to 2 people	–		o	–
<b>Chassis / Climate Control / Multimedia</b>						
200394		Crank supports, rear	4		o	o
224153	224141	Suspension and damping with increased front axle load, reinforced stabilisers and 17" steel wheels (Dependency: ABH29838)	5		o	o
<b>Paints</b>						
224151		Chassis uni paint: Ascot grey	–		o	o
224129		Front bumper painted in chassis colour	–		o	o
<b>Tyres</b>						
224131		17" alloy rims devonport (Dependency: ABH29838, ABH29841, ABH29842)	9		o	o
224132		Alloy rims for standard tyres	–		o	o
<b>Air Conditioning / Interior</b>						
224133		Air conditioning with manual control in the driver's cabin	12		o	o
224134		Premium" multifunction display with multicolour display (Dependency: ABH29844)	–		o	o
224135		Multifunction steering wheel (3 spokes)	–		o	o
201789		High-quality fitted seat covers for driver's/passenger's seat in KNAUS fabric style	–		o	o
224137		Seat heating for driver's and passenger's seats (Dependency: ABH29846)	1		o	o
224138		Front and side window blackout	2		o	o
<b>Assistance Systems</b>						
224139		Cruise control with speed limitation device	–		o	o
224140		Emergency Brake Assist (Dependency: ABH29848)	–		o	o
224142		Adaptive Cruise Control (ACC) with speed limitation device (Dependency: ABH29850)	–		o	o
224176	224134	Drowsiness Detection (Dependency: ABH29852)	–		o	o



## KNAUS TOURER VAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	500 MQ	500 LT
224143		High-beam Assist "Light Assist" (Dependency: ABH29854)	1	o	o
224058		Windscreen wipers with interval circuit and rain sensor and automatic headlight switching (Dependency: ABH29854)	-	o	o
224144		Tyre pressure monitoring device	-	o	o
254114		Levelling system	1	o	o
		<b>Lighting / Technology</b>			
224145		Fog lights incl. cornering light	1	o	o
224146		Fuel tank 80 ltr.	9	o	o
224065		Electrically adjustable and heated exterior mirrors	1	o	o
224147		LED main headlight (Dependency: ABH29858, ABH29857)	5	o	o
224152	224147	LED daytime running light (Dependency: ABH29854)	-	o	o
224150		Heated windscreen washer vents and washer water level indicator	-	o	o
		<b>Multimedia / Navigation</b>			
224148		Navigation system "Discover Media" including "Streaming & Internet" with 4 speakers (Dependency: ABH29860)	-	o	o
224167		"We Connect" and "We Connect Plus" preparation (Dependency: ABH29862)	-	o	o
251793		Rear view camera incl. wiring (Dependency: ABH29862)	1	o	o
224149		Inductive charging cradle (Dependency: ABH30023)	-	o	o
		<b>Transport Systems</b>			
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Note: H157)	17	o	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Note: H157)	18	o	o
102764		THULE garage organisation system 1	4	o	-
		<b>Doors</b>			
102564		Body door: KNAUS PREMIUM	2	o	o
102610		Body door: KNAUS EXKLUSIV	2	o	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-	o	o
100602		Insect screen door	4	o	o
100212		Electrical entry step	7	o	o
		<b>Service hatches / Garage doors</b>			
102522-03		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14038)	2	o	o
		<b>Rear</b>			
100526-33		Garage door 55 x 110 cm, left	4	o	-
100526-30		Garage door 72.5 x 110 cm, right	5	s	-
104170		Garage door 43 x 172 cm, left	6	-	s

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	500 MQ	500 LT
		<b>Windows / Roof Hoods / Ventilation</b>			
101820		Frame window SEITZ S7	-	o	o
		<b>Front</b>			
551778-01		Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	8	o	o
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10	o	o
		<b>Rear</b>			
101019-02		Hinged window 70 x 40 cm, (rear left)	6	o	-
102017		Hinged window (rear)	6	-	s
		<b>Living / Sleeping / Upholstery and Fabrics</b>			
		<b>Living</b>			
552960-01		Mono seating group with hanging table, incl. swivel table extension	-	s	-
552960-11		Face-to-Face Sitzgruppe	-	-	s
552247-01		ISOFIX system (1 child seat)	5	o	-
		<b>Sleeping</b>			
554169		EvoPore HRC mattress	-	s	-
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6	o	-
554157		Slide bed for two persons instead of storage cupboards	15	o	o
554158		Slide bed for one person instead of storage cupboards	10	o	o
552198		Bed conversion of the seating group	2	-	s
552369		Fitted sheet set, precisely fitting for the mattress shape - for 2 beds (fixed beds)	1	o	o
		<b>Upholstery / Fabrics / Carpets</b>			
		<b>Upholstery Variants</b>			
552335-01		Upholstery selection: TURIN (FIAT)	-	o	o
552335-06		Upholstery selection: BLUE NIGHT	-	o	o
552188-02		Upholstery selection: ACTIVE ROYAL	-	o	o
552188-04		Upholstery selection: ACTIVE ROCK	-	o	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-	o	o
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>			
550660-06		COZY HOME Package, colour selection PEACH	3	o	o
550660-01		COZY HOME Package, colour selection EARTH	3	o	o
550660-02		COZY HOME Package, colour selection STONE	3	o	o
550660-03		COZY HOME Package, colour selection AVOCADO	3	o	o
550660-04		COZY HOME Package, colour selection AQUA	3	o	o

## KNAUS TOURER VAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	500 MQ	500 LT
550660-05		COZY HOME Package, colour selection MAGNOLIA	3	o	o
		<b>Carpets</b>			
201074		Floor mat set in driver's cab in KNAUS design	2	o	o
550235		Carpet floor in living area	6	o	o
		<b>Kitchen / Bathroom</b>			
		<b>Kitchen</b>			
402987		Compressor refrigerator 90 ltr. (incl. 7.5 ltr. freezer compartment), with night and silent mode	-	s	–
403773-02		Refrigerator 98 ltr., compressor	-	–	s
		<b>Bathroom Area</b>			
453505-16		Comfort bathroom with shower and washbasin	-	–	s
452678-01		Exterior shower, connection in garage left (Dependency: ABH30362)	4	o	–
454165		Xpand bathroom with height-adjustable shower cabin	-	s	–
453503-03		Cassette toilet DOMETIC swivelling	-	–	s
453503-04		Cassette toilet DOMETIC swivelling	-	s	–
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>			
		<b>Gas Supply</b>			
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o
302499		TRUMA LevelControl (for 1 steel gas bottle)	-	o	o
551327		Smoke detector	-	o	o
302494		Gas detector	-	o	o
		<b>Heating / Air conditioning</b>			
354173		Diesel heating TRUMA Combi 6 D	16	o	o
352379		Heating TRUMA Combi 6 D + E	1	o	o
550825		Electric underfloor heating	8	o	–
450740		Insulating hood waste water tank, heatable	2	o	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14064, Note: H145)	29	o	o
		<b>Water Supply</b>			
452718-01		"bluuwater" water filter system	1	o	o
		<b>Electronics / Multimedia / Safety</b>			
		<b>Electronics</b>			
252654		Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	-	o	o
232667		Intelligent charger with 25 A charging power	-	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	500 MQ	500 LT
251949-02		USB socket in the front (1 pc.)	-	–	s
251949-09		USB socket in the rear (1 pc.)	-	o	–
252524		Atmospheric ambient lighting	3	o	o
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	-	o	o
250201		Additional board battery (Dependency: ABH14066)	24	o	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23037, ABH14066)	-8	o	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23039, ABH14066)	12	o	o
251757		Battery sensor for on-board battery (Dependency: ABH23842)	-	o	o
253802		Solar system (100 W) (Dependency: ABH14050)	9	o	o
		<b>Multimedia</b>			
252824-01		Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV (Dependency: ABH14074, Note: H145)	22	o	o
253568-01		27" SMART TV set with HD tuner incl. holder (Dependency: ABH14078, ABH14077)	7	o	o
252405	253568-01	TV holder	3	o	o
		<b>Safety</b>			
252698		velocate® GPS tracker (Note: H146)	-	o	o
252815		velocate® LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-	o	o
253809		velocate® sensors (gas, temperature, motion) (Dependency: ABH13978)	-	o	o
		<b>Awning / Awning Accessories</b>			
		<b>Awning THULE OMNISTOR</b>			
500892		Awning 305 x 250 cm, white	26	o	o
		<b>Miscellaneous</b>			
951036		MOT and registration document	-	o	o
		<b>Accessories</b>			
952823		MediKit voucher (Note: H137)	-	o	o
953757-01		silwyREADY	-	o	o

# VAN TI – MAN

## Technical specifications



Technical specifications	640 MEG
<b>BASE VEHICLE</b>	
<b>MAN TGE 3.500 kg; 2.0 l Euro 6d-Final; SCR; front-wheel-drive; 6-speed-manual gearbox (103 kW / 140 HP)</b>	s
<b>BASIC EQUIPMENT</b>	
Total length (cm)	689
Width (outside) (cm)	220
Width (inside) (cm)	205
Height (outside) (cm)	271
Height (inside) (cm)	196
Effective vehicle mass including legally required basic equipment (kg)	2.890
Technically maximum authorised laden mass (kg)	3.500
Maximum payload (kg)	610
Towing load (kg)	2.400
Wheelbase (cm)	364
Tyre size	235/65R16 C
Rim size	6,5Jx16
Number of persons allowed in driving operation	4
Beds (Note: H141)	2
Max. number of beds (Note: H142)	2

Technical specifications	640 MEG
Automatic three-point belts, height-adjustable	2
Max. belt-secured seats	4
<b>BODY</b>	
Total number of hinged windows	3
Body door (width x height)	60 x 195
Wall thickness, roof (mm)	32
Wall thickness, side wall (mm)	31
Wall thickness, floor (mm)	40
<b>LIVING AREA</b>	
Three-point belts in driving direction	2
Bed size, rear (cm)	201 x 85; 201 x 77
<b>WATER</b>	
Waste water volume in liters	95
Fresh water volume in liters (Note: H712B,H711)	95
<b>KITCHEN</b>	
Refrigerator (ltr.)	142
<b>ELECTRICAL SUPPLY</b>	
Living area battery	80
Number of 230 V socket(s)	5
Number of USB socket(s)	1
Number of 12 V socket(s)	1

## KNAUS VAN TI MAN – Standard equipment

Motorisation / Drive / Gearing / Load increase	
233008	MAN TGE 3.500 kg; 2.0 l Euro 6d-Final; SCR; front-wheel-drive; 6-speed-manual gearbox (103 kW / 140 HP)
Chassis / Climate Control / Multimedia	
202844	Left-hand drive
202060	2-channel air suspension
202852-01	Chassis uni paint: White
222859-01	Front bumper in grey, not painted
212561	16" tyres on steel rims with wheel-centre cover, silver
202882	Cab ventilation
222634	Multi-function display "Plus"
222883	Driver and passenger airbag with passenger airbag deactivation
201863	Height adjustment for cab seats
200975-03	Original MAN cab seats
202887	Laminated glass windscreen with thermal insulation
202888	Front side windows fitted with thermal insulation glass
552889	Textile shading for front and side windows
202871	ESP
202872	Hill Holder (Hill Start Assist)
202873	ABS
202874	Electronic immobiliser
202876	Electromechanical power steering
202879	Emergency Brake Assist
232880	Multi-collision brake
232898	Start-stop system with brake energy recovery
202890	Fuel tank 75 ltr.
202892-02	Power windows (driver's and passenger's door)
202895	Exterior mirrors manually adjustable
202901	Daytime running light with series headlamps
232903	Remote folding key (2 pc.)
232902	12 V socket in cab (in the dashboard)
222917	Radiator grille with chrome applications
250233	Radio preparation incl. 2 loudspeakers
102273	Maximum load capacity of the rear garage: 250 kg
Doors	
102839	Body door: KNAUS KOMFORT
102840	One-key locking system

Service hatches / Garage doors	
102911	Service/storage space hatches and garage door/hatch with one-hand operation
102915-06	KNAUS ServiceBox
102916-04	Service hatch for ServiceBox 70 x 40 cm, bow left
102914-14	Easy access to gas locker via the service door located in side wall, position lengthwise
102914-10	Gas locker for 2 x 11 kg gas bottles
100526-16	Garage door 80 x 110 cm, right
Windows / Roof Hoods / Ventilation	
102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)
102619-01	Roof hood 40 x 40 cm with insect screen and blackout, clear (bow)
102619-02	Roof hood 40 x 40 cm with insect screen and blackout, clear (centre)
102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)
100960-04	Roof hood 28 x 28 cm with insect screen, (toilet room)
Materials / Vehicle Graphics	
102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier
100887	GRP roof with reduced hail sensitivity
102926-06	Smooth aluminium sheet in white
102928-05	Resistant underfloor coating
Lighting / Technology	
102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology
102933-02	Registration plate light in LED technology
102933-13	Third brake light in LED
252937	Awning light with motion sensor LED
Furniture / Surfaces	
552940-10	Furniture decor: Matara Teak
552944-03	Durable vinyl flooring, wood style
552941-16	Storage locker hatches with soft-close function
Living / Sleeping / Upholstery and Fabrics	
552960-01	Mono seating group with hanging table, incl. swivel table extension
552945-01	EvoPore HRC mattress, fixed beds only
552335-05	Upholstery selection: COOL GREY

Kitchen / Bathroom	
402985-05	2-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)
552941-17	Kitchen drawers with soft-close function
402767	Refrigerator 142 ltr.
402417	Automatic energy selection for refrigerator (AES)
453502-07	High-quality fittings
453509-07	Folding clothes rail in the toilet room or shower
453505-16	Comfort bathroom with shower and washbasin
453503-01	Bench toilet Thetford
Heating / Air conditioning / Gas Supply / Water Supply	
302973	Gas system 30 mbar
302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK
302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
551054	Air circulation system 12 V
351166	Heating TRUMA Combi 6
453510-01	Water supply with submerged pump
453510-03	Hot water supply with single-lever mixer tap
453510-07	Water pipes laid in insulated area
Electronics / Multimedia / Safety	
253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets
253526-04	Networkable electrical system incl. central control panel with display for status of batteries, fresh and waste water tanks and power connection
253534-06	Interior lighting completely in LED technology
253527-02	Charger 216 VA
253530	Circuit breaker
251949-02	USB socket in the front (1 pc.)
252723	Charging booster for body battery
253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
252729	230 V SCHUKO socket, additional 1 pc. in garage
Miscellaneous	
953542-01	Operating instruction (German)
Accessories	
953543	10-year leak-proofness guarantee

## KNAUS VAN TI MAN – Packages

Item no.		
225010	MAN Package (12 kg)	
222631	Electrically adjustable and heated exterior mirrors	
222632	Cruise control with speed limitation device	
222633	Air conditioning "Climatic", manual	
232659	Drowsiness Detection	
	Info: Please note that if you do not order the MAN package, the delivery time of the vehicle will be extended by 3-6 months.	

Item no.		
225020	Light & Visibility Package (8 kg)	
222630	Fog lights incl. cornering light	
222638	LED main headlight with LED daytime running light	
222645	Windscreen wipers with interval circuit and rain sensor and automatic headlight switching	
232663	High-beam Assist "Light Assist"	

Item no.		
225030	Energy Plus Package (24 kg)	
232667	Intelligent charger with 25 A charging power	
250201	Additional board battery	
251757	Battery sensor for on-board battery	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
220050	VAN TI MAN Package (30 kg)	
100526-15	Garage door 80 x 110 cm, left	
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric stlye	
232672	Cab seats swivelling	
352059	TRUMA CP-Plus digital heating control panel	
450740	Insulating hood waste water tank, heatable	
452718-01	"bluuwater" water filter system	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
553806	Cab darkening system EXKLUSIV	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	

Item no.		
225021	Light & Visibility Package (8 kg)	
222630	Fog lights incl. cornering light	
222638	LED main headlight with LED daytime running light	
232663	High-beam Assist "Light Assist"	

Item no.		
225035	Energy-Basic Package	
232667	Intelligent charger with 25 A charging power	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
210021	Safety II Package (4 kg)	
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
225060	Winter Package (10 kg)	
202392	Seat heating for driver's and passenger's seats	
232664	Laminated glass windscreen with thermal insulation, heated	
232665	Windscreen washer nozzles heatable	
550825	Electric underfloor heating	



Item no.		
<b>225100-02</b>	<b>Media Package (7 kg)</b>	
222628	Chrome package interior	
222642	Digital radio reception (DAB+)	
222648	Multifunction steering wheel (3 spokes)	
233602	Navigation system "MAN Media VAN Business Navigation"	
252684-01	Rear view camera incl. wiring	

Item no.		
<b>114580</b>	<b>Connected-Security-Package for velocate® GPS-Tracker</b>	
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/ window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

## Notes

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Item no.		
<b>225110-02</b>	<b>Media &amp; Assistance Package (19 kg)</b>	
222628	Chrome package interior	
222642	Digital radio reception (DAB+)	
222644	Automatic Traffic Sign Recognition	
222645	Windscreen wipers with interval circuit and rain sensor and automatic headlight switching	
222648	Multifunction steering wheel (3 spokes)	
232680	Adaptive Cruise Control (ACC) with speed limitation device	
232681	Active Lane Keeping Assist	
233602	Navigation system "MAN Media VAN Business Navigation"	
252684-01	Rear view camera incl. wiring	
	Incl. emergency brake assistant for automatic transmission (for distance-controlled cruise control ACC up to 160km/h)	

Item no.		
<b>210073</b>	<b>TV Package Twin 27" – 60 (26 kg)</b>	
252405	TV holder	
252479	Pre-cabling for TV in the sleeping area	
252824-01	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

## KNAUS VAN TI MAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
		<b>Motorisation / Drive / Gearing / Load increase</b>		
		<b>FIAT Ducato</b>		
		<b>3.500 kg Chassis</b>		
233013		MAN TGE 3.500 kg; 2.0 l Euro 6d-Final; SCR; front-wheel drive; 8-speed automatic transmission (130 kW / 177 HP)	41	o
		<b>Load Increase</b>		
201781-02		Load increase from 3.500 kg to 3.850 kg	-	o
232769		Load increase from 3.500 kg to 4.000 kg	-	o
952791		Reduction of the number of permitted seats in operation from 4 to 3 people (Dependency: ABH17718)	-	o
952792		Reduction of the number of permitted seats in operation from 4 to 2 people (Dependency: ABH17718)	-	o
		<b>Chassis / Climate Control / Multimedia</b>		
200394		Crank supports, rear	4	o
232693		Front axle, reinforced (2.100 kg load capacity instead of 1.800 kg)	5	o
		<b>Paints</b>		
232660-02		Chassis in metallic paint: Indium Grey (Dependency: ABH14084)	-	o
222859	232660-02	Front bumper in grey with painted frame in chassis colour (Dependency: ABH14086)	-	o
		<b>Tyres</b>		
202568		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH19587, Note: H150)	7	o
202569		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH19587, Note: H150)	7	o
		<b>Air Conditioning / Interior</b>		
232669		Air conditioning "Climatronic", automatic (Dependency: ABH14091, ABH14092, ABH14090)	11	o
232670		Storage Package 2	5	o
222648	225100-02, 225110-02	Multifunction steering wheel (3 spokes) (Dependency: ABH14094)	-	o
232671		Multifunction leather steering wheel (3-spoke), heatable	-	o
222628	225100-02, 225110-02	Chrome package interior (Dependency: ABH14094)	-	o
201789	220050	High-quality fitted seat covers for driver's/passenger's seat in KNAUS fabric style	-	o
202392	225060	Seat heating for driver's and passenger's seats	1	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
232664	225060	Laminated glass windscreen with thermal insulation, heated (Dependency: ABH14096)	1	o
553806	220050	Cab darkening system EXKLUSIV (Dependency: ABH14098)	2	o
		<b>Assistance Systems</b>		
222632	225010	Cruise control with speed limitation device	-	o
232680	225110-02	Adaptive Cruise Control (ACC) with speed limitation device (Dependency: ABH14100, Note: H129)	-	o
232681	225110-02	Active Lane Keeping Assist	5	o
222644	225110-02	Automatic Traffic Sign Recognition (Dependency: ABH19856)	7	o
232659	225010	Drowsiness Detection	-	o
232663	225020, 225021	High-beam Assist "Light Assist" (Dependency: ABH14104)	1	o
222645	225020, 225110-02, 232669	Windscreen wipers with interval circuit and rain sensor and automatic headlight switching	-	o
254114		Levelling system	1	o
		<b>Lighting / Technology</b>		
222630	225020, 225021	Fog lights incl. cornering light	2	o
232665	225060	Windscreen washer nozzles heatable	-	o
222638	225020, 225021	LED main headlight with LED daytime running light	5	o
232668		230 V socket in driver's seat frame	1	o
232662		Battery main switch	-	o
		<b>Multimedia / Navigation</b>		
222629		Radio system "MAN Media VAN" (Dependency: ABH14107, ABH14108)	-	o
233602	225100-02, 225110-02	Navigation system "MAN Media VAN Business Navigation" (Dependency: ABH14107, ABH14110)	5	o
222642	225100-02, 225110-02	Digital radio reception (DAB+) (Dependency: ABH14094)	1	o
252684-01	225100-02, 225110-02	Rear view camera incl. wiring (Dependency: ABH14094)	1	o
		<b>Transport Systems</b>		
202332		Trailer hitch, ball bar removable (Dependency: ABH14112, ABH14027)	30	o
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	17	o

## KNAUS VAN TI MAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		640 MEG
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	18		o
101016		Bicycle in rear garage (2 bikes)	11		o
102764		THULE garage organisation system 1	4		o
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14114, ABH14027)	50		o
		<b>Doors</b>			
102564		Body door: KNAUS PREMIUM	2		o
102610		Body door: KNAUS EXKLUSIV	2		o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-		o
100602	220050	Insect screen door	4		o
100212		Electrical entry step	7		o
		<b>Service hatches / Garage doors</b>			
102522-03		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14038)	2		o
		<b>Windows / Roof Hoods / Ventilation</b>			
101820		Frame window SEITZ S7	-		o
		<b>Front</b>			
551778-01	220050	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	8		o
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10		o
		<b>Rear</b>			
101944		Panorama skylight 130 x 45 cm (rear) (Dependency: ABH14116)	12		o
101019-02		Hinged window 70 x 40 cm, (rear left)	6		o
		<b>Materials / Vehicle Graphics</b>			
		<b>Materials</b>			
102216		TVT body construction	-		o
		<b>Living / Sleeping / Upholstery and Fabrics</b>			
		<b>Living</b>			
551770		L-shaped seating group with telescopic single-column lifting table	8		o
552247-01		ISOFIX system (1 child seat)	5		o
		<b>Sleeping</b>			
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6		o
551796		Bed extension to a double bed	2		o
552369		Fitted sheet set, precisely fitting for the mattress shape - for 2 beds (fixed beds)	1		o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		640 MEG
		<b>Upholstery / Fabrics / Carpets</b>			
		<b>Upholstery Variants</b>			
552335-06		Upholstery selection: BLUE NIGHT	-		o
552188-02		Upholstery selection: ACTIVE ROYAL	-		o
552188-04		Upholstery selection: ACTIVE ROCK	-		o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-		o
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>			
550660-06		COZY HOME Package, colour selection PEACH	3		o
550660-01		COZY HOME Package, colour selection EARTH	3		o
550660-02		COZY HOME Package, colour selection STONE	3		o
550660-03		COZY HOME Package, colour selection AVOCADO	3		o
550660-04		COZY HOME Package, colour selection AQUA	3		o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3		o
		<b>Carpets</b>			
201074		Floor mat set in driver's cab in KNAUS design	2		o
550235		Carpet floor in living area	6		o
		<b>Kitchen / Bathroom</b>			
		<b>Kitchen</b>			
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13		o
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>			
		<b>Gas Supply</b>			
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH13926)	-		o
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1		o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1		o
302499		TRUMA LevelControl (for 1 steel gas bottle) (Dependency: ABH13930)	-		o
551327		Smoke detector	-		o
302494		Gas detector	-		o
300518		External gas socket	1		o
		<b>Heating / Air conditioning</b>			
351274		Heating TRUMA Combi E	1		o
550566-01		ALDE hot water heating incl. booster (Dependency: ABH14118, Note: H160)	41		o
550825	225060	Electric underfloor heating	8		o

## KNAUS VAN TI MAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
352966	550566-01	Heating control panel ALDE LCD (Dependency: ABH14040)	-	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14064, ABH13935, Note: H145)	29	o
		<b>Water Supply</b>		
452718-01	220050	"bluuwater" water filter system	1	o
		<b>Electronics / Multimedia / Safety</b>		
		<b>Electronics</b>		
251949-09		USB socket in the rear (1 pc.)	-	o
252524		Atmospheric ambient lighting	3	o
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	-	o
250201	225030	Additional board battery (Dependency: ABH14066)	24	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23037, ABH14066)	-8	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23039, ABH14066)	12	o
253782		Solar system (200 W)	17	o
		<b>Multimedia</b>		
252824-01	210073	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV (Dependency: ABH14074, Note: H145)	22	o
253568-01		27" SMART TV set with HD tuner incl. holder (Dependency: ABH14078, ABH14077)	7	o
252448-01		21.5" SMART TV set with HD tuner incl. holder, in sleeping area (Dependency: ABH14080, ABH14077)	6	o
252479	210073	Pre-cabling for TV in the sleeping area	1	o
252405	210073, 252448-01, 253568-01	TV holder	3	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
		<b>Safety</b>		
252733	210021	Alarm system "Cobra"	4	o
252734	210021	Gas sensor as addition to the alarm system (Dependency: ABH13974)	-	o
252698	114580	velocate@ GPS tracker (Note: H146)	-	o
252815	114580	velocate@ LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-	o
253809	114580	velocate@ sensors (gas, temperature, motion) (Dependency: ABH13978)	-	o
		<b>Awning / Awning Accessories</b>		
		<b>Awning THULE OMNISTOR</b>		
500893		Awning 355 x 250 cm, white	28	o
		<b>Miscellaneous</b>		
951036		MOT and registration document	-	o
		<b>Accessories</b>		
952823	220050	MediKit voucher (Note: H137)	-	o
953757-01	220050	silwyREADY	-	o

### Notes

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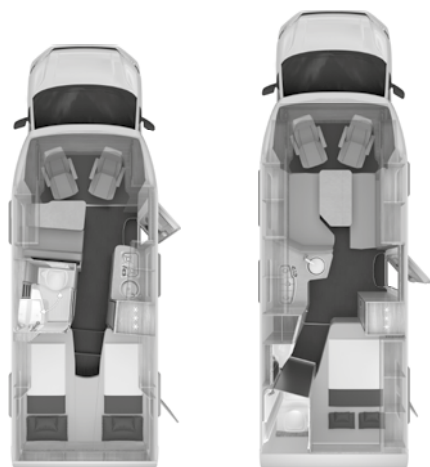
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# VAN TI PLUS

## Technical specifications



Technical specifications	650 MEG	700 LF
<b>BASE VEHICLE</b>		
VW Crafter 35 3.500 kg; 2,0 l TDI; Euro 6d-Final; SCR; 6-speed manual gearbox (103 kW / 140 HP)	s	s
<b>BASIC EQUIPMENT</b>		
Total length (cm)	699	747
Width (outside) (cm)	220	220
Width (inside) (cm)	205	205
Height (outside) (cm)	290	290
Height (inside) (cm)	196	196
Effective vehicle mass including legally required basic equipment (kg)	2.970	3.030
Technically maximum authorised laden mass (kg)	3.500	3.500
Maximum payload (kg)	530	470
Towing load (kg)	2.400	2.400
Wheelbase (cm)	364	449
Maximum speed (km/h)	120	120
Tyre size	235/65R16 C	235/65R16 C
Rim size	6,5J x 16	6,5J x 16
Number of persons allowed in driving operation	4	2
Beds (Note: H141)	2	2
Max. number of beds (Note: H142)	2	4

Technical specifications	650 MEG	700 LF
Automatic three-point belts, height-adjustable	2	2
Max. belt-secured seats	4	4
<b>BODY</b>		
Total number of hinged windows	3	4
Body door (width x height)	60 x 195	70 x 195
Wall thickness, roof (mm)	32	32
Wall thickness, side wall (mm)	31	31
Wall thickness, floor (mm)	40	40
<b>LIVING AREA</b>		
Three-point belts in driving direction	2	0
Bed size, front (cm)	–	185 x 145
Bed size, rear (cm)	201 x 80; 201 x 80	201 x 140/105
<b>WATER</b>		
Waste water volume in liters	73	73
Fresh water volume in liters (Note: H712C, H711)	100	100
<b>KITCHEN</b>		
Refrigerator (ltr.)	142	142
<b>ELECTRICAL SUPPLY</b>		
Living area battery	80	80
Number of 12 V socket(s)	1	1
Number of 230 V socket(s)	5	5
Number of USB socket(s)	1	1



Motorisation / Drive / Gearing / Load increase		Service hatches / Garage doors		Kitchen / Bathroom	
224029	VW Crafter 35 3.500 kg; 2,0 l TDI; Euro 6d-Final; SCR; 6-speed manual gearbox (103 kW / 140 HP)	102911	Service/storage space hatches and garage door/hatch with one-hand operation	402767	Refrigerator 142 ltr.
224178	Front-wheel drive	102916-01	Service hatch for ServiceBox 53 x 37.5 cm, bow left	402417	Automatic energy selection for refrigerator (AES)
Chassis / Climate Control / Multimedia		102914-01	Easy access to gas locker via the service door located in side wall	552941-17	Kitchen drawers with soft-close function
202844	Left-hand drive	102914-10	Gas locker for 2 x 11 kg gas bottles	453502-07	High-quality fittings
202060	2-channel air suspension	Windows / Roof Hoods / Ventilation		453509-07	Folding clothes rail in the toilet room or shower
202852-01	Chassis uni paint: White	102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)	453503-01	Bench toilet Thetford
222859-01	Front bumper in grey, not painted	102619-01	Roof hood 40 x 40 cm with insect screen and blackout, clear (bow)	Heating / Air conditioning / Gas Supply / Water Supply	
212561	16" tyres on steel rims with wheel-centre cover, silver	102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)	102675	Gas bottle pull-out for max. 2 x 11 kg gas bottles
202882	Cab ventilation	100960-04	Roof hood 28 x 28 cm with insect screen, (toilet room)	302973	Gas system 30 mbar
222883	Driver and passenger airbag with passenger airbag deactivation	Materials / Vehicle Graphics		302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK
224046	Height adjustment for cab seats	102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier	302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
224047	Smoker version with cigarette lighter and ashtray	100887	GRP roof with reduced hail sensitivity	551054	Air circulation system 12 V
224048	Original VW Fahrerhaussitze	102926-06	Smooth aluminium sheet in white	351166	Heating TRUMA Combi 6
202887	Laminated glass windscreen with thermal insulation	102927-06	Inner side wall in aluminium sheet with textile lining	453510-01	Water supply with submerged pump
202888	Front side windows fitted with thermal insulation glass	102928-02	Sandwich floor with GRP underfloor coating	453510-03	Hot water supply with single-lever mixer tap
552889	Textile shading for front and side windows	102928-08	Insulated garage floor with durable GRP floor coating	453510-07	Water pipes laid in insulated area
202871	ESP	103552-02	Special product graphics with brushed stainless steel structure "VAN TI PLUS"	Electronics / Multimedia / Safety	
202872	Hill Holder (Hill Start Assist)	Lighting / Technology		253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets
202873	ABS	102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology	253526-04	Networkable electrical system incl. central control panel with display for status of batteries, fresh and waste water tanks and power connection
202874	Electronic immobiliser	102933-12	Third brake light integrated at the rear	253534-06	Interior lighting completely in LED technology
202876	Electromechanical power steering	252937	Awning light with motion sensor LED	253527-02	Charger 216 VA
232880	Multi-collision brake	Furniture / Surfaces		253530	Circuit breaker
232898	Start-stop system with brake energy recovery	552940-11	Furniture decor: Egmond Elm	251949-02	USB socket in the front (1 pc.)
202890	Fuel tank 75 ltr.	552941-29	Combination of high-quality furniture construction with accent surfaces in Samoa decor	252723	Charging booster for body battery
202892-02	Power windows (driver's and passenger's door)	552944-03	Durable vinyl flooring, wood style	253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
202895	Exterior mirrors manually adjustable	Living / Sleeping / Upholstery and Fabrics		252729	230 V SCHUKO socket, additional 1 pc. in garage
202901	Daytime running light with series headlamps	552945-01	EvoPore HRC mattress, fixed beds only	Miscellaneous	
232903	Remote folding key (2 pc.)	552335-04	Upholstery selection: ENERGY	953542-01	Operating instruction (German)
232902	12 V socket in cab (in the dashboard)	Accessories		953543	10-year leak-proofness guarantee
102273	Maximum load capacity of the rear garage: 250 kg	953546	First aid material and warning triangle	953548	Tyre repair kit: 12 V compressor and tyre sealant
Doors		953549	On-board tools		
102839	Body door: KNAUS KOMFORT				
100212	Electrical entry step				
102840	One-key locking system				

## KNAUS VAN TI PLUS – Packages

Item no.		
<b>225200</b>	<b>VW package (12 kg)</b>	
224040	Air conditioning "Climatic", manual	
224052	Cruise control with speed limitation device	
224057	Drowsiness Detection	
224065	Electrically adjustable and heated exterior mirrors	
	Info: Please note that if you do not order the VW package, the delivery time of the vehicle will be extended by 3-6 months.	

Item no.		
<b>225210</b>	<b>Media-Paket VAN TI PLUS (7 kg)</b>	
222648	Multifunction steering wheel (3 spokes)	
224071	Navigation system "Discover Media" including "Streaming & Internet" with 4 speakers	
224072	Digital radio reception (DAB+)	
252684-01	Rear view camera incl. wiring	

Item no.		
<b>210021</b>	<b>Safety II Package (4 kg)</b>	
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
<b>225050</b>	<b>VANT TI PLUS Package (28 kg)</b>	
100526-15	Garage door 80 x 110 cm, left	
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric stlye	
224049	Cab seats swivelling	
352059	TRUMA CP-Plus digital heating control panel	
452718-01	"bluuwater" water filter system	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
553806	Cab darkening system EXKLUSIV	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	
	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.	

Item no.		
<b>210070</b>	<b>TV Package Twin 32" – 60 (27 kg)</b>	
252405	TV holder	
252479	Pre-cabling for TV in the sleeping area	
252581-01	Complete antenna system Oyster 60 Premium, Twin incl. 32" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

Item no.		
<b>225050-01</b>	<b>VANT TI PLUS Package (24 kg)</b>	
100526-43	Storage hatch 70 x 24 cm, left	
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric stlye	
224049	Cab seats swivelling	
352059	TRUMA CP-Plus digital heating control panel	
452718-01	"bluuwater" water filter system	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
553806	Cab darkening system EXKLUSIV	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	
	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.	

Item no.		
<b>114580</b>	<b>Connected-Security-Package for velocate® GPS-Tracker</b>	
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/ window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

## KNAUS VAN TI PLUS – Packages

Item no.		
<b>225030</b>	<b>Energy Plus Package (24 kg)</b>	
232667	Intelligent charger with 25 A charging power	
250201	Additional board battery	
251757	Battery sensor for on-board battery	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
<b>225035</b>	<b>Energy-Basic Package</b>	
232667	Intelligent charger with 25 A charging power	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

## KNAUS VAN TI PLUS – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MEG	700 LF
		<b>Motorisation / Drive / Gearing / Load increase</b>				
		<b>FIAT Ducato</b>				
		<b>3.500 kg Chassis</b>				
224030		VW Crafter 35 3.500 kg; 2,0 l TDI; Euro 6d-Final; SCR; 8-speed automatic transmission (130 kW / 177 HP)	41		o	o
		<b>Gearing</b>				
224034		Four-wheel drive (4MOTION) (Dependency: ABH22106)	128		o	o
		<b>Load Increase</b>				
201781-05		Load increase from 3.500 kg to 3.850 kg	-		o	o
232769		Load increase from 3.500 kg to 4.000 kg	-		o	o
952791		Reduction of the number of permitted seats in operation from 4 to 3 people (Dependency: ABH14134)	-		o	–
952792		Reduction of the number of permitted seats in operation from 4 to 2 people (Dependency: ABH14134)	-		o	–
552686		Folding seat (2 pcs.) secured with 3-point safety belt, seat position in driving direction	50		–	o
		<b>Chassis / Climate Control / Multimedia</b>				
200394		Crank supports, rear (Dependency: ABH14136)	4		o	o
		<b>Paints</b>				
224037		Chassis in metallic paint: Indium Grey (Dependency: ABH22108)	-		o	o
224039	224037	Front bumper in grey with painted frame in chassis colour (Dependency: ABH22110)	-		o	o
		<b>Air Conditioning / Interior</b>				
222648	225210	Multifunction steering wheel (3 spokes) (Dependency: ABH22112)	-		o	o
201789	225050, 225050-01	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	-		o	o
553806	225050, 225050-01	Cab darkening system EXKLUSIV (Dependency: ABH21911)	2		o	o
		<b>Assistance Systems</b>				
224052	225200	Cruise control with speed limitation device	-		o	o
224057	225200	Drowsiness Detection	-		o	o
254114		Levelling system	1		o	o
		<b>Multimedia / Navigation</b>				
224071	225210	Navigation system "Discover Media" including "Streaming & Internet" with 4 speakers (Dependency: ABH22117, ABH22118)	5		o	o

# KNAUS VAN TI PLUS – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	700 LF
224072	225210	Digital radio reception (DAB+) (Dependency: ABH22112)	1	o	o
252684-01	225210	Rear view camera incl. wiring (Dependency: ABH22112)	1	o	o
		<b>Transport Systems</b>			
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	17	o	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	18	o	o
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14147, ABH14148)	50	o	o
		<b>Doors</b>			
102564		Body door: KNAUS PREMIUM	2	o	o
102610		Body door: KNAUS EXKLUSIV	2	o	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-	o	o
100602	225050, 225050-01	Insect screen door	4	o	o
		<b>Service hatches / Garage doors</b>			
102522-02		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14150)	2	o	o
		<b>Front</b>			
102915-06		KNAUS ServiceBox	-	s	–
102915-03		KNAUS ServiceBox	-	–	s
		<b>Rear</b>			
100526-16		Garage door 80 x 110 cm, right	6	s	–
100526-08		Garage door 65 x 94 cm, right	4	–	s
		<b>Windows / Roof Hoods / Ventilation</b>			
101820		Frame window SEITZ S7 (Dependency: ABH14152)	-	o	o
		<b>Front</b>			
551778-01	225050, 225050-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	8	o	o
102685		Panorama skylight 130 x 45 cm (bow) (Dependency: ABH17575)	12	–	o
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10	o	o
		<b>Rear</b>			
101944		Panorama skylight 130 x 45 cm (rear) (Dependency: ABH14156)	12	o	–
101019-02		Hinged window 70 x 40 cm, (rear left)	6	o	–

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	700 LF
		<b>Materials / Vehicle Graphics</b>			
		<b>Materials</b>			
102216		TVT body construction	-	o	o
		<b>Living / Sleeping / Upholstery and Fabrics</b>			
		<b>Living</b>			
552688		Additional rear cabinets, left and right above single beds	4	o	–
552708		Extendable bench extension (approx. 10 cm extension length)	4	o	–
552960-01		Mono seating group with hanging table, incl. swivel table extension	-	s	–
552960-02		Lounge seating group	-	–	s
552247-01		ISOFIX system (1 child seat)	5	o	–
552327		Safe	6	o	o
		<b>Sleeping</b>			
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6	o	o
551796		Bed extension to a double bed	2	o	–
551234		Bed extension in foot area, layouts with F-bed	2	–	o
552687		Conversion of the seating group into a guest bed incl. lowerable single-column lifting table	2	–	o
552369		Fitted sheet set, precisely fitting for the mattress shape – for 2 beds (fixed beds)	1	o	o
		<b>Upholstery / Fabrics / Carpets</b>			
		<b>Upholstery Variants</b>			
552335-05		Upholstery selection: COOL GREY	-	o	o
552188-02		Upholstery selection: ACTIVE ROYAL	-	o	o
552188-04		Upholstery selection: ACTIVE ROCK	-	o	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-	o	o
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>			
550660-06		COZY HOME Package, colour selection PEACH	3	o	o
550660-02		COZY HOME Package, colour selection STONE	3	o	o
550660-03		COZY HOME Package, colour selection AVOCADO	3	o	o
550660-04		COZY HOME Package, colour selection AQUA	3	o	o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3	o	o
550660-01		COZY HOME Package, colour selection EARTH	3	o	o
		<b>Carpets</b>			
201074		Floor mat set in driver's cab in KNAUS design	2	o	o
550235		Carpet floor in living area	6	o	o

# KNAUS VAN TI PLUS – Features and options

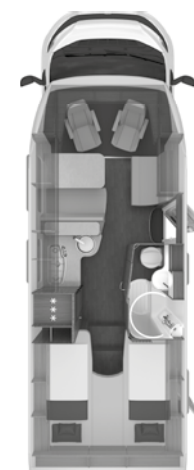
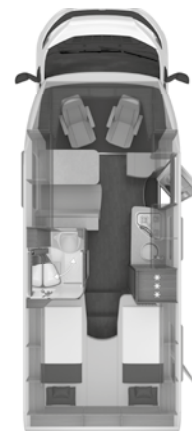
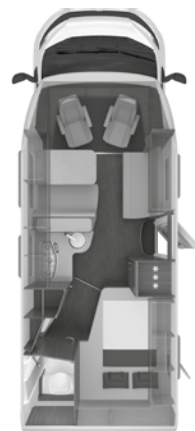
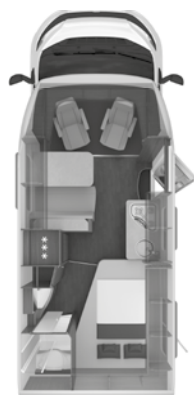
Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	700 LF
		<b>Kitchen / Bathroom</b>			
		<b>Kitchen</b>			
402985-01		3-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)	-	-	s
402985-05		2-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)	-	s	-
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13	o	o
		<b>Bathroom Area</b>			
451777		Wooden grate for shower tray	2	-	o
453505-15		Longitudinal washroom with shower	-	-	s
453505-16		Comfort bathroom with shower and washbasin	-	s	-
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>			
		<b>Gas Supply</b>			
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH13926)	-	o	o
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o
551327		Smoke detector	-	o	o
302494		Gas detector	-	o	o
300518		External gas socket	1	o	o
		<b>Heating / Air conditioning</b>			
351274		Heating TRUMA Combi E (Dependency: ABH30177)	1	o	o
354173		Diesel heating TRUMA Combi 6 D	16	o	-
550566-01		ALDE hot water heating incl. booster (Dependency: ABH14118, Note: H160)	41	o	o
352966	550566-01	Heating control panel ALDE LCD (Dependency: ABH14040)	-	o	o
550825		Electric underfloor heating	8	o	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14064, Note: H145)	29	o	o
		<b>Water Supply</b>			
452718-01	225050, 225050-01	"bluuwater" water filter system	1	o	o
		<b>Electronics / Multimedia / Safety</b>			
		<b>Electronics</b>			
251949-09		USB socket in the rear (1 pc.)	-	o	o
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	-	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	700 LF
252524		Atmospheric ambient lighting	3	o	o
250201	225030	Additional board battery (Dependency: ABH14066)	24	o	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23043, ABH14066)	-8	o	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23039, ABH14066)	12	o	o
253782		Solar system (200 W)	17	o	o
		<b>Multimedia</b>			
252581-01	210070	Complete antenna system Oyster 60 Premium, Twin incl. 32" SMART-TV (Dependency: ABH14162, Note: H145)	23	o	o
252582-01		32" SMART TV set with HD tuner incl. holder (Dependency: ABH14164, ABH14077)	8	o	o
252448-01		21.5" SMART TV set with HD tuner incl. holder, in sleeping area (Dependency: ABH14080, ABH14077)	6	o	o
252405	210070, 252448-01, 252582-01	TV holder	3	o	o
252479	210070	Pre-cabing for TV in the sleeping area	1	o	o
		<b>Safety</b>			
252733	210021	Alarm system "Cobra"	4	o	o
252734	210021	Gas sensor as addition to the alarm system (Dependency: ABH13974)	-	o	o
252698	114580	velocate® GPS tracker (Note: H146)	-	o	o
252815	114580	velocate® LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-	o	o
253809	114580	velocate® sensors (gas, temperature, motion) (Dependency: ABH13978)	-	o	o
		<b>Awning / Awning Accessories</b>			
		<b>Awning THULE OMNISTOR</b>			
500893		Awning 355 x 250 cm, white	28	o	-
501333		Awning 405 x 250 cm, white	31	-	o
501333-01		Awning 405 x 250 cm, anthracite	31	-	o
		<b>Miscellaneous</b>			
951036		MOT and registration document	-	o	o
		<b>Accessories</b>			
952823	225050, 225050-01	MediKit voucher (Note: H137)	-	o	o
953757-01	225050, 225050-01	silwyREADY	-	o	o



# L!VE TI

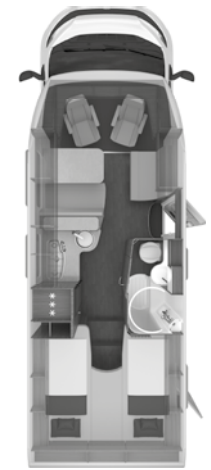
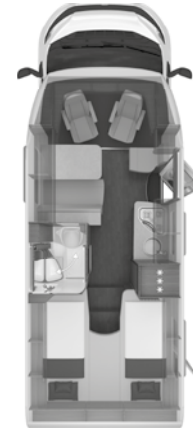
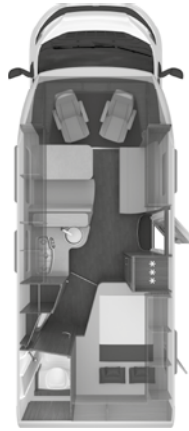
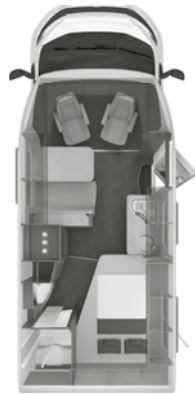
## Technical specifications



Technical specifications	590 MF	650 MF	650 MEG	700 MEG
<b>BASE VEHICLE</b>				
<b>FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox</b>	S	S	S	S
<b>BASIC EQUIPMENT</b>				
Total length (cm)	640	694	694	748
Width (outside) (cm)	232	232	232	232
Width (inside) (cm)	218	218	218	218
Height (outside) (cm)	279	279	279	279
Height (inside) (cm)	200	200	200	200
Effective vehicle mass including legally required basic equipment (kg)	2.715	2.825	2.825	2.895
Technically maximum authorised laden mass (kg)	3.500	3.500	3.500	3.500
Maximum payload (kg)	785	675	675	605
Towing load (kg)	2.000	2.000	2.000	2.000
Wheelbase (cm)	345	380	380	403
Number of persons allowed in driving operation	4	4	4	4
Beds (Note: H141)	2	2	2	2
Max. number of beds (Note: H142)	2	3	3	4
Automatic three-point belts, height-adjustable	2	2	2	2
Max. belt-secured seats	4	5	4	5

## L!VE TI

### Technical specifications



Technical specifications	590 MF	650 MF	650 MEG	700 MEG
<b>BODY</b>				
Total number of hinged windows	3	3	3	3
Body door (width x height)	60 x 195	60 x 195	60 x 195	60 x 195
Wall thickness, roof (mm)	32	32	32	32
Wall thickness, side wall (mm)	31	31	31	31
Wall thickness, floor (mm)	40	40	40	40
<b>LIVING AREA</b>				
Three-point belts in driving direction	2	2	2	2
Bed size, front (cm)	–	211 x 118	211 x 118 x 32	209 x 118/84
Bed size, rear (cm)	201 x 143	201 x 141	202 x 78; 197 x 78	199 x 78; 205 x 78
<b>WATER</b>				
Waste water volume in liters	95	95	95	95
Fresh water volume in liters (Note: H712C,H711)	100	100	100	100
<b>KITCHEN</b>				
Refrigerator (ltr.)	142	133	142	142
<b>ELECTRICAL SUPPLY</b>				
Living area battery	80	80	80	80
Number of 230 V socket(s)	5	5	5	5
Number of USB socket(s)	1	1	1	1

## KNAUS LIVE TI – Standard equipment

Motorisation / Drive / Gearing / Load increase		Service hatches / Garage doors		Kitchen / Bathroom	
203001-99	FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox	102911	Service/storage space hatches and garage door/hatch with one-hand operation	402985-01	3-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)
202826	6-speed manual gearbox	102915-03	KNAUS ServiceBox	552941-17	Kitchen drawers with soft-close function
Chassis / Climate Control / Multimedia		102916-01	Service hatch for ServiceBox 53 x 37.5 cm, bow left	402767	Refrigerator 142 ltr. (Dependent on layout)
202843	Wide-track chassis	102914-01	Easy access to gas locker via the service door located in side wall (Dependent on layout)	402417	Automatic energy selection for refrigerator (AES)
202844	Left-hand drive	102914-10	Gas locker for 2 x 11 kg gas bottles	453502-07	High-quality fittings
202852-01	Chassis uni paint: White	Windows / Roof Hoods / Ventilation		453509-07	Folding clothes rail in the toilet room or shower
203718-01	Black radiator grille, with chrome clasp	102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)	453503-01	Bench toilet Thetford (Dependent on layout)
202853	Front bumper grained, unpainted grey	102619-01	Roof hood 40 x 40 cm with insect screen and blackout, clear (bow)	Heating / Air conditioning / Gas Supply / Water Supply	
152828	15" tyres	102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)	302973	Gas system 30 mbar
212561-01	Steel rims (Dependency: ABH14008)	100960-04	Roof hood 28 x 28 cm with insect screen, (toilet room)	302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK
200176	Air conditioning in cab, manual including pollen filter and outside temperature display	Materials / Vehicle Graphics		302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
201862	Driver airbag	100887	GRP roof with reduced hail sensitivity	551054	Air circulation system 12 V
200501	Passenger airbag	102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier	351166	Heating TRUMA Combi 6 (Dependent on layout)
201952-01	Driver's seat height adjustment	102926-06	Smooth aluminium sheet in white	453510-01	Water supply with submerged pump
200975-01	Original FIAT Captainchair seats with armrests	102928-05	Resistant underfloor coating	453510-03	Hot water supply with single-lever mixer tap
200633	Cab seats swivelling	Lighting / Technology		453510-07	Water pipes laid in insulated area
200567	Tempomat ® - Cruise Control	102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology	Electronics / Multimedia / Safety	
202871	ESP	102933-12	Third brake light integrated at the rear	253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets
202872	Hill Holder (Hill Start Assist)	252937	Awning light with motion sensor LED	253526-01	Control panel with touch function
202873	ABS	Furniture / Surfaces		253527-01	Charger 190 VA
202874	Electronic immobiliser	552940-10	Furniture decor: Matara Teak	253530	Circuit breaker
202876	Electromechanical power steering	552941-29	Combination of high-quality furniture construction with accent surfaces in Samoa decor	251949-02	USB socket in the front (1 pc.)
203755	Trailer Stability Control System	552944-02	Vinyl flooring – Natural Oak	252723	Charging booster for body battery
203756	Post Collision Braking System	552941-16	Storage locker hatches with soft-close function	253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
222881	Crosswind Assist	Living / Sleeping / Upholstery and Fabrics		252729	230 V SCHUKO socket, additional 1 pc. in garage
202890	Fuel tank 75 ltr.	552960-01	Mono seating group with hanging table, incl. swivel table extension	Miscellaneous	
202891	Car key with remote control for central locking for cab doors	552945-01	EvoPore HRC mattress, fixed beds only	953542-01	Operating instruction (German)
202895	Exterior mirrors manually adjustable	552335-05	Upholstery selection: COOL GREY	Accessories	
202901-01	Daytime running light with series headlamps			953543	10-year leak-proofness guarantee
102273-01	Maximum load capacity of the rear garage: 150 kg				
Doors					
102839	Body door: KNAUS KOMFORT				
102840	One-key locking system				

## KNAUS LIVE TI – Packages

Item no.		
<b>210010</b>	<b>FIAT Package – semi-integrated (TI) (12 kg)</b>	
200488	Electrically adjustable and heated exterior mirrors	
201788	Front bumper painted in chassis colour	
201952	Passenger's seat height adjustment	
202132	16" tyres	
202478	Steering wheel with controls for radio	
	Info: Please note that if you do not order the FIAT package, the delivery time of the vehicle will be extended considerably.	

Item no.		
<b>221013</b>	<b>Arctic Package (1 kg)</b>	
201787	"Traction Plus" traction aid, including Hill Descent Assist	
203732	230 V socket in driver's cab	
203734	Heated windscreen	
203808	All-weather tyres	

Item no.		
<b>210020</b>	<b>Safety I Package (4 kg)</b>	
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
<b>230100</b>	<b>LIVE TI Package (16 kg)</b>	
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	
250233	Radio preparation incl. 2 loudspeakers	
352059	TRUMA CP-Plus digital heating control panel	
450740	Insulating hood waste water tank, heatable	
452718-01	"bluuwater" water filter system	
550610	Front and side window blackout	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	
	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.	

Item no.		
<b>114580</b>	<b>Connected-Security-Package for velocate® GPS-Tracker</b>	
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

Item no.		
<b>210030</b>	<b>Styling I Package</b>	
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	

Item no.		
<b>210051</b>	<b>Styling Package – Black</b>	
201815	Alloy rims for standard tyres	
202139	Headlights in black frame	
203718	Radiator grille painted black, with shiny black bar incl. chrome-plated trim elements	
203720	Spoiler lips (skid-plate) black	
203723	Full LED front lighting (low beam, high beam and indicators)	

Item no.		
<b>210052</b>	<b>Styling Package – Alu</b>	
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	
203721	Spoiler lips aluminium look (skid-plate)	
203723	Full LED front lighting (low beam, high beam and indicators)	

## KNAUS LIVE TI – Packages

Item no.		
210073 TV Package Twin 27" – 60 (26 kg)		
252405	TV holder	
252479	Pre-cabling for TV in the sleeping area	
252824-01	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

Notes

Item no.		
210006	Media Package (4 kg)	
251793	Rear view camera incl. wiring	
252143	All-in-one navigation system	
252715	Head-up display	

Item no.		
<b>210018</b>	<b>Care-drive Package FIAT (2 kg)</b>	
202150	Tyre pressure sensors	
202710	Safety Pack FIAT	

## KNAUS LIVE TI – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
		<b>Motorisation / Drive / Gearing / Load increase</b>					
		<b>FIAT Ducato</b>					
		<b>3.500 kg Chassis light</b>					
203004-99		FIAT Ducato 3.500 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (132 kW / 180 HP); 6-speed manual gearbox (Dependency: ABH18944, ABH18945)	-	–	o	o	o
		<b>4.000 kg Chassis</b>					
203007-99		FIAT Ducato 4.000 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (130 kW / 177 HP); 6-speed manual gearbox (Dependency: ABH18948, ABH18949)	40	–	o	o	o
		<b>Gearing</b>					
202711		9-speed torque converter automatic transmission (Dependency: ABH14014)	18	o	o	o	o
		<b>Load Increase</b>					
201781-01		Load increase from 3.500 kg to 3.650 kg (Dependency: ABH23019)	-	o	o	o	o
201869-01		Load increase from 4.000 kg to 4.250 kg (Dependency: ABH23021)	-	–	o	o	o
201869-02		Load increase from 4.000 kg to 4.400 kg (Dependency: ABH23023)	-	–	o	o	o
551773		Additional belt-secured seat, pluggable	14	–	o	–	o
		<b>Chassis / Climate Control / Multimedia</b>					
200394		Crank supports, rear	4	o	o	o	o
202766		Coil spring on rear axle (Chassis optimisation) (Dependency: ABH14000)	10	o	o	o	o
202060		2-channel air suspension (Dependency: ABH14002)	25	o	o	o	o
		<b>Paints</b>					
201786-04	210030, 210052	Chassis in paint: Lanzarote Grey	-	o	o	o	o
202139	210051	Headlights in black frame (Dependency: ABH14004)	-	o	o	o	o
201788	210010	Front bumper painted in chassis colour	1	o	o	o	o
		<b>Tyres</b>					
203808	202568, 202569, 202572, 202573, 221013	All-weather tyres	-	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
202200		16" full wheel covers (Dependency: ABH14010)	2	o	o	o	o
200868		Wheel covers in KNAUS design (Dependency: ABH13886)	2	o	o	o	o
201815	210030, 210051, 210052	Alloy rims for standard tyres (Dependency: ABH14014, ABH14013)	-	o	o	o	o
202568		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23025, ABH14018, ABH13892, ABH13893, Note: H150)	7	o	o	o	o
202569		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23025, ABH14018, ABH13892, ABH13893, Note: H150)	7	o	o	o	o
202572		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23027, ABH14021, ABH13893, Note: H150,H161)	4	o	o	o	o
202573		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23027, ABH14021, ABH13893, Note: H150,H161)	4	o	o	o	o
		<b>Air Conditioning / Interior</b>					
201686		Air conditioning in cab, automatic (extra charge from difference to manual air conditioning)	-	o	o	o	o
201952	210010	Passenger's seat height adjustment	-	o	o	o	o
201519		Steering wheel and gear knob in leather	-	o	o	o	o
203730		Instrument panel in Techno design (aluminium)	-	o	o	o	o
201789	230100	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	-	o	o	o	o
202392		Seat heating for driver's and passenger's seats	1	o	o	o	o
203734	221013	Heated windscreen	1	o	o	o	o
		<b>Assistance Systems</b>					
201787	221013	"Traction Plus" traction aid, including Hill Descent Assist	-	o	o	o	o
202150	210018	Tyre pressure sensors	1	o	o	o	o
202710	210018	Safety Pack FIAT	1	o	o	o	o
203729		Electric parking brake (Dependency: ABH14000)	-9	o	o	o	o



## KNAUS LIVE TI – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
254114		Levelling system	1	o	o	o	o
		<b>Lighting / Technology</b>					
200178-01		Fog lights with cornering lights	2	o	o	o	o
201043		Spare tyre	20	o	o	o	o
202712		Fuel tank 90 ltr.	13	o	o	o	o
203731		Keyless (Entry&Go) (Dependency: ABH13912)	1	o	o	o	o
202227		Additional car key with remote control	-	o	o	o	o
200488	210010	Electrically adjustable and heated exterior mirrors	1	o	o	o	o
203723	210051, 210052	Full LED front lighting (low beam, high beam and indicators) (Dependency: ABH14024)	-	o	o	o	o
202137	203723	LED daytime running light	-	o	o	o	o
201630		Battery disconnect switch in driver's cab	-	o	o	o	o
203732	221013	230 V socket in driver's cab	-	o	o	o	o
		<b>Multimedia / Navigation</b>					
252143	210006	All-in-one navigation system	2	o	o	o	o
203727		Inductive charging cradle	-	o	o	o	o
203725		Virtual cockpit	-	o	o	o	o
		<b>Transport Systems</b>					
102273	200188	Maximum load capacity of the rear garage: 250 kg	20	o	o	o	o
200188		Trailer hitch, rigid (Dependency: ABH14028, ABH14027)	26	o	o	o	o
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	17	o	o	o	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	18	o	o	o	o
102764		THULE garage organisation system 1	4	-	-	o	o
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14036)	50	o	o	o	o
		<b>Doors</b>					
102564		Body door: KNAUS PREMIUM	2	o	o	o	o
102610		Body door: KNAUS EXKLUSIV	2	o	o	o	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-	o	o	o	o
100602	230100	Insect screen door	4	o	o	o	o
100212		Electrical entry step	7	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
		<b>Service hatches / Garage doors</b>					
102522-03		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14038, ABH13912)	2	o	o	o	o
		<b>Front</b>					
252578	550566-01	External battery box for 2 body batteries (Dependency: ABH14040)	-	o	o	o	o
		<b>Centre</b>					
102914-14		Easy access to gas locker via the service door located in side wall, position lengthwise	-	s	-	-	-
		<b>Rear</b>					
100526-14	551711	Garage door 80 x 80 cm, right (Dependency: ABH14044, ABH14043)	4	s	s	o	o
100526-16		Garage door 80 x 110 cm, right	6	-	-	s	s
100526-13		Garage door 80 x 80 cm, left (Dependency: ABH14048, ABH14047)	4	-	-	o	o
100526-15		Garage door 80 x 110 cm, left	6	-	-	o	o
		<b>Windows / Roof Hoods / Ventilation</b>					
101820		Frame window SEITZ S7	-	o	o	o	o
		<b>Front</b>					
551778-01	230100	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	8	o	o	o	o
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10	o	o	o	o
101779		Sliding window on passenger side, height of seating group	8	-	o	-	o
		<b>Centre</b>					
102619-02		Roof hood 40 x 40 cm with insect screen and blackout, clear (centre) (Dependency: ABH14050)	3	-	-	o	o
		<b>Rear</b>					
101944		Panorama skylight 130 x 45 cm (rear)	12	-	-	o	o
101019-02		Hinged window 70 x 40 cm, (rear left)	6	-	-	o	o
		<b>Toilet Room</b>					
101666		Hinged window 52 x 50 cm with insect screen and blackout, toilet room	6	-	-	-	o

# KNAUS LIVE TI – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
		<b>Materials / Vehicle Graphics</b>					
		<b>Materials</b>					
102216		TVT body construction	-	o	o	o	o
		<b>Living / Sleeping / Upholstery and Fabrics</b>					
		<b>Living</b>					
551770		L-shaped seating group with telescopic single-column lifting table (Dependency: ABH14052)	8	o	o	o	o
552247		ISOFIX system (2 child seats)	5	o	o	o	o
		<b>Sleeping</b>					
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6	o	o	o	o
551711		Low single bed, incl. cabinet above the end of the bed (Dependency: ABH14054)	-15	–	–	o	o
551234		Bed extension in foot area, layouts with F-bed	2	o	o	–	–
551796		Bed extension to a double bed	2	–	–	o	o
552198		Bed conversion of the seating group (Dependency: ABH14056)	2	–	o	o	–
552198-02		Bed conversion of the seating group (Dependency: ABH14056)	2	–	–	–	o
552369		Fitted sheet set, precisely fitting for the mattress shape – for 2 beds (fixed beds)	1	o	o	o	o
		<b>Upholstery / Fabrics / Carpets</b>					
		<b>Upholstery Variants</b>					
552335-01		Upholstery selection: TURIN (FIAT)	-	o	o	o	o
552335-06		Upholstery selection: BLUE NIGHT	-	o	o	o	o
552188-02		Upholstery selection: ACTIVE ROYAL	-	o	o	o	o
552188-04		Upholstery selection: ACTIVE ROCK	-	o	o	o	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-	o	o	o	o
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>					
550660-06		COZY HOME Package, colour selection PEACH	3	o	o	o	o
550660-02		COZY HOME Package, colour selection STONE	3	o	o	o	o
550660-03		COZY HOME Package, colour selection AVOCADO	3	o	o	o	o
550660-04		COZY HOME Package, colour selection AQUA	3	o	o	o	o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
550660-01		COZY HOME Package, colour selection EARTH	3	o	o	o	o
		<b>Carpets</b>					
201074		Floor mat set in driver's cab in KNAUS design	2	o	o	o	o
550235		Carpet floor in living area	6	o	o	o	o
		<b>Kitchen / Bathroom</b>					
		<b>Kitchen</b>					
402806		Refrigerator 133 ltr.	-	–	s	–	–
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13	o	o	o	o
		<b>Bathroom Area</b>					
451777		Wooden grate for shower tray	2	–	–	–	o
453505-15		Longitudinal washroom with shower	-	s	s	–	–
453505-16		Comfort bathroom with shower and washbasin	-	–	–	s	–
453505-18		Fixed bathroom with fixed shower cabin and compact dimensions	-	–	–	–	s
453503-03		Cassette toilet DOMETIC swivelling	-	–	–	–	s
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>					
		<b>Gas Supply</b>					
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH13926)	-	o	o	o	o
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o	o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o	o
302499		TRUMA LevelControl (for 1 steel gas bottle) (Dependency: ABH13930)	-	o	o	o	o
551327		Smoke detector	-	o	o	o	o
302494		Gas detector	-	o	o	o	o
300518		External gas socket	1	o	o	o	o
		<b>Heating / Air conditioning</b>					
352971		Heating TRUMA Combi 4	14	s	–	–	–
351166		Heating TRUMA Combi 6 (Dependent on layout)	14	o	s	s	s
351274		Heating TRUMA Combi E (Dependency: ABH14058)	1	o	o	o	o
550566-01		ALDE hot water heating incl. booster (Dependency: ABH14060, Note: H160)	41	o	o	o	o

## KNAUS LIVE TI – Features and options

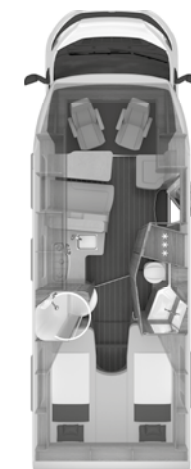
Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
550825		Electric underfloor heating	8	o	o	o	o
352966	550566-01	Heating control panel ALDE LCD (Dependency: ABH14040)	-	o	o	o	o
450740	230100	Insulating hood waste water tank, heatable	2	o	o	o	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14064, ABH13935, Note: H145)	29	o	o	o	o
		<b>Water Supply</b>					
452718-01	230100	"bluuwater" water filter system	1	o	o	o	o
		<b>Electronics / Multimedia / Safety</b>					
		<b>Electronics</b>					
251949-09		USB socket in the rear (1 pc.)	-	o	o	o	o
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	-	o	o	o	o
252524		Atmospheric ambient lighting	3	o	o	o	o
250201		Additional board battery (Dependency: ABH14066)	24	o	o	o	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23031, ABH14066)	-8	o	o	o	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23035, ABH14066)	12	o	o	o	o
		<b>Multimedia</b>					
252824-01	210073	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV (Dependency: ABH14074, Note: H145)	22	o	o	o	o
253568-01		27" SMART TV set with HD tuner incl. holder (Dependency: ABH14078, ABH14077)	7	o	o	o	o
252448-01		21.5" SMART TV set with HD tuner incl. holder, in sleeping area (Dependency: ABH14080, ABH14077)	6	o	o	o	o
252479	210073	Pre-cabling for TV in the sleeping area	1	o	o	o	o
252405	210073, 252448-01, 253568-01	TV holder	3	o	o	o	o
		<b>Safety</b>					
252733	210020	Alarm system "Cobra"	4	o	o	o	o
252734	210020	Gas sensor as addition to the alarm system (Dependency: ABH13974)	-	o	o	o	o
252698	114580	velocate® GPS tracker (Note: H146)	-	o	o	o	o
252815	114580	velocate® LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	590 MF	650 MF	650 MEG	700 MEG
253809	114580	velocate® sensors (gas, temperature, motion) (Dependency: ABH13978)	-	o	o	o	o
		<b>Awning / Awning Accessories</b>					
		<b>Awning THULE OMNISTOR</b>					
500893		Awning 355 x 250 cm, white	28	o	-	-	-
501333		Awning 405 x 250 cm, white	31	-	o	o	o
		<b>Miscellaneous</b>					
951036		MOT and registration document	-	o	o	o	o
		<b>Accessories</b>					
952823	230100	MediKit voucher (Note: H137)	-	o	o	o	o
953757-01	230100	silwyREADY	-	o	o	o	o

### Notes

# SKY TI

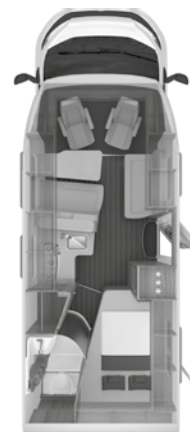
## Technical specifications



Technical specifications	650 MEG	650 MF	700 MEG
<b>BASE VEHICLE</b>			
<b>FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox</b>	S	S	S
<b>BASIC EQUIPMENT</b>			
Total length (cm)	696	696	750
Width (outside) (cm)	232	232	232
Width (inside) (cm)	218	218	218
Height (outside) (cm)	279	279	279
Height (inside) (cm)	200	200	200
Effective vehicle mass including legally required basic equipment (kg)	2.885	2.885	2.995
Technically maximum authorised laden mass (kg)	3.500	3.500	3.500
Maximum payload (kg)	615	615	505
Towing load (kg)	2.000	2.000	2.000
Wheelbase (cm)	380	380	403
Number of persons allowed in driving operation	4	4	4
Beds (Note: H141)	2	4	3
Max. number of beds (Note: H142)	2	6	3
Automatic three-point belts, height-adjustable	2	2	2
Max. belt-secured seats	4	5	5

# SKY TI

## Technical specifications



Technical specifications	650 MEG	650 MF	700 MEG
<b>BODY</b>			
Total number of hinged windows	4	3	4
Body door (width x height)	60 x 195	70 x 195	70 x 195
Wall thickness, roof (mm)	32	32	32
Wall thickness, side wall (mm)	31	31	31
Wall thickness, floor (mm)	40	40	40
<b>LIVING AREA</b>			
Three-point belts in driving direction	2	2	2
Bed size, lifting bed (cm)	–	194 x 140	–
Bed size, front (cm)	209 x 84/39	209 x 129/114	209 x 102/57
Bed size, rear (cm)	1 x 200 x 78; 1 x 188 x 78	200 x 140	200 x 78; 194 x 78
<b>WATER</b>			
Waste water volume in liters	95	95	95
Fresh water volume in liters (Note: H712C,H711)	100	100	100
<b>KITCHEN</b>			
Refrigerator (ltr.)	142	142	142
<b>ELECTRICAL SUPPLY</b>			
Living area battery	80	80	80
Number of 230 V socket(s)	5	5	5
Number of USB socket(s)	1	1	1

<b>Motorisation / Drive / Gearing / Load increase</b>			
203001-99	FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox		
202826	6-speed manual gearbox		
<b>Chassis / Climate Control / Multimedia</b>			
202843	Wide-track chassis		
202844	Left-hand drive		
202852-01	Chassis uni paint: White		
203718-01	Black radiator grille, with chrome clasp		
202853	Front bumper grained, unpainted grey		
152828	15" tyres		
212561-01	Steel rims (Dependency: ABH14008)		
200176	Air conditioning in cab, manual including pollen filter and outside temperature display		
201862	Driver airbag		
200501	Passenger airbag		
201952-01	Driver's seat height adjustment		
200975-01	Original FIAT Captainchair seats with armrests		
200633	Cab seats swivelling		
200567	Tempomat ® - Cruise Control		
202871	ESP		
202872	Hill Holder (Hill Start Assist)		
202873	ABS		
202874	Electronic immobiliser		
202876	Electromechanical power steering		
203755	Trailer Stability Control System		
203756	Post Collision Braking System		
222881	Crosswind Assist		
202890	Fuel tank 75 ltr.		
202891	Car key with remote control for central locking for cab doors		
202895	Exterior mirrors manually adjustable		
202901-01	Daytime running light with series headlamps		
250233	Radio preparation incl. 2 loudspeakers		
102273-01	Maximum load capacity of the rear garage: 150 kg		
<b>Doors</b>			
102839	Body door: KNAUS KOMFORT		
102840	One-key locking system		
<b>Service hatches / Garage doors</b>			
102911	Service/storage space hatches and garage door/hatch with one-hand operation		
102915-06	KNAUS ServiceBox (Dependent on layout)		
102916-04	Service hatch for ServiceBox 70 x 40 cm, bow left		
102914-14	Easy access to gas locker via the service door located in side wall, position lengthwise		
102914-10	Gas locker for 2 x 11 kg gas bottles		
100526-16	Garage door 80 x 110 cm, right (Dependent on layout)		
<b>Windows / Roof Hoods / Ventilation</b>			
102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)		
102619-01	Roof hood 40 x 40 cm with insect screen and blackout, clear (bow)		
102619-02	Roof hood 40 x 40 cm with insect screen and blackout, clear (centre)		
102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)		
100960-04	Roof hood 28 x 28 cm with insect screen, (toilet room) (Dependent on layout)		
<b>Materials / Vehicle Graphics</b>			
100887	GRP roof with reduced hail sensitivity		
102926-06	Smooth aluminium sheet in white		
102928-02	Sandwich floor with GRP underfloor coating		
102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier		
102926-24	Rear roof trim in LFI technology		
<b>Lighting / Technology</b>			
102933-19	KNAUS CATEYE evolution taillight with exclusive night signature and dynamic indicator lights in LED technology with darkened outer lens		
102933-20	* flush integration into the rear carrier * particularly homogeneous light pattern * luminaire length over almost the entire width of the vehicle * increased driving safety due to optimum visibility		
102933-02	Registration plate light in LED technology		
252937	Awning light with motion sensor LED		
<b>Furniture / Surfaces</b>			
552940-01	Furniture decor: Nagano Oak		
552941-08	Combination of high-quality furniture construction and pearl white surfaces with cross-grid pattern		
552944-01	Vinyl flooring in yacht design		
552941-16	Storage locker hatches with soft-close function		
552492	Metal furniture locking system		
<b>Living / Sleeping / Upholstery and Fabrics</b>			
552960-01	Mono seating group with hanging table, incl. swivel table extension		
552945-01	EvoPore HRC mattress, fixed beds only		
552198	Bed conversion of the seating group		
552335-02	Upholstery selection: INDIAN SUMMER		
<b>Kitchen / Bathroom</b>			
402985-01	3-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)		
552941-17	Kitchen drawers with soft-close function		
402767	Refrigerator 142 ltr.		
402417	Automatic energy selection for refrigerator (AES)		
453502-07	High-quality fittings		
453509-07	Folding clothes rail in the toilet room or shower		
453503-01	Bench toilet Thetford (Dependent on layout)		
<b>Heating / Air conditioning / Gas Supply / Water Supply</b>			
302973	Gas system 30 mbar		
302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK		
302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK		
551054	Air circulation system 12 V		
351166	Heating TRUMA Combi 6		
453510-01	Water supply with submerged pump		
453510-03	Hot water supply with single-lever mixer tap		
453510-07	Water pipes laid in insulated area		
<b>Electronics / Multimedia / Safety</b>			
253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets		
253526-04	Networkable electrical system incl. central control panel with display for status of batteries, fresh and waste water tanks and power connection		
253534-06	Interior lighting completely in LED technology		
253526-02	Control panel		
253527-02	Charger 216 VA		
253530	Circuit breaker		
251949-02	USB socket in the front (1 pc.)		
252723	Charging booster for body battery		
253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version		
252729	230 V SCHUKO socket, additional 1 pc. in garage		
<b>Miscellaneous</b>			
953542-01	Operating instruction (German)		
<b>Accessories</b>			
953543	10-year leak-proofness guarantee		



## KNAUS SKY TI – Packages

Item no.		
210010	FIAT Package – semi-integrated (TI) (12 kg)	
200488	Electrically adjustable and heated exterior mirrors	
201788	Front bumper painted in chassis colour	
201952	Passenger's seat height adjustment	
202132	16" tyres	
202478	Steering wheel with controls for radio	
	Info: Please note that if you do not order the FIAT package, the delivery time of the vehicle will be extended considerably.	

Item no.		
216001	SKY TI Package (21 kg)	
100526-15	Garage door 80 x 110 cm, left	
100602	Insect screen door	
102425	Position lights of the hood in LED light guide technology	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric stlye	
352059	TRUMA CP-Plus digital heating control panel	
452718-01	"bluuwater" water filter system	
550610	Front and side window blackout	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
552428	Fabric blinds with bags in the bed area	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	
	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.	

Item no.		
216003	SKY TI Package – MF (15 kg)	
100602	Insect screen door	
102425	Position lights of the hood in LED light guide technology	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric stlye	
352059	TRUMA CP-Plus digital heating control panel	
452718-01	"bluuwater" water filter system	
550610	Front and side window blackout	
551778-01	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	
552428	Fabric blinds with bags in the bed area	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	
	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.	

Item no.		
114580	Connected-Security-Package for velocate® GPS-Tracker	
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/ window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

Item no.		
210020	Safety I Package (4 kg)	
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
221013	Arctic Package (1 kg)	
201787	"Traction Plus" traction aid, including Hill Descent Assist	
203732	230 V socket in driver's cab	
203734	Heated windscreen	
203808	All-weather tyres	

## KNAUS SKY TI – Packages

Item no.		
<b>210030</b>	<b>Styling I Package</b>	
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	

Item no.		
<b>210006</b>	<b>Media Package (4 kg)</b>	
251793	Rear view camera incl. wiring	
252143	All-in-one navigation system	
252715	Head-up display	

Item no.		
<b>210073</b>	<b>TV Package Twin 27" – 60 (26 kg)</b>	
252405	TV holder	
252479	Pre-cabling for TV in the sleeping area	
252824-01	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

Item no.		
<b>210051</b>	<b>Styling Package - Black</b>	
201815	Alloy rims for standard tyres	
202139	Headlights in black frame	
203718	Radiator grille painted black, with shiny black bar incl. chrome-plated trim elements	
203720	Spoiler lips (skid-plate) black	
203723	Full LED front lighting (low beam, high beam and indicators)	

Item no.		
<b>225035</b>	<b>Energy-Basic Package</b>	
232667	Intelligent charger with 25 A charging power	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
<b>210018</b>	<b>Care-drive Package FIAT (2 kg)</b>	
202150	Tyre pressure sensors	
202710	Safety Pack FIAT	

Item no.		
<b>210052</b>	<b>Styling Package - Alu</b>	
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	
203721	Spoiler lips aluminium look (skid-plate)	
203723	Full LED front lighting (low beam, high beam and indicators)	

Item no.		
<b>225030</b>	<b>Energy Plus Package (24 kg)</b>	
232667	Intelligent charger with 25 A charging power	
250201	Additional board battery	
251757	Battery sensor for on-board battery	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

# KNAUS SKY TI – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	650 MF	700 MEG
		<b>Motorisation / Drive / Gearing / Load increase</b>				
		<b>FIAT Ducato</b>				
		<b>3.500 kg Chassis light</b>				
203004-99		FIAT Ducato 3.500 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (132 kW / 180 HP); 6-speed manual gearbox (Dependency: ABH23070, ABH23071)	-	o	o	o
		<b>4.000 kg Chassis</b>				
203007-99		FIAT Ducato 4.000 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (130 kW / 177 HP); 6-speed manual gearbox (Dependency: ABH23073, ABH13990)	40	o	o	o
		<b>Gearing</b>				
202711		9-speed torque converter automatic transmission (Dependency: ABH14014)	18	o	o	o
		<b>Load Increase</b>				
201781-01		Load increase from 3.500 kg to 3.650 kg (Dependency: ABH23075)	-	o	o	o
201869-01		Load increase from 4.000 kg to 4.250 kg (Dependency: ABH23021)	-	o	o	o
201869-02		Load increase from 4.000 kg to 4.400 kg (Dependency: ABH23023)	-	o	o	o
952791		Reduction of the number of permitted seats in operation from 4 to 3 people (Dependency: ABH23077, ABH14244)	-	–	–	o
551773		Additional belt-secured seat, pluggable	14	–	o	o
		<b>Chassis / Climate Control / Multimedia</b>				
200394		Crank supports, rear	4	o	o	o
202766		Coil spring on rear axle (Chassis optimisation) (Dependency: ABH14000)	10	o	o	o
202060		2-channel air suspension (Dependency: ABH14002)	25	o	o	o
		<b>Paints</b>				
201786-04	210030, 210052	Chassis in paint: Lanzarote Grey	-	o	o	o
202139	210051	Headlights in black frame (Dependency: ABH14004)	-	o	o	o
201788	210010	Front bumper painted in chassis colour	1	o	o	o
		<b>Tyres</b>				
203808	202568, 202569, 202572, 202573, 221013	All-weather tyres	-	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	650 MF	700 MEG
202200		16" full wheel covers (Dependency: ABH14010)	2	o	o	o
200868		Wheel covers in KNAUS design (Dependency: ABH13886)	2	o	o	o
201815	210030, 210051, 210052	Alloy rims for standard tyres (Dependency: ABH14014, ABH14013)	-	o	o	o
202568		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23025, ABH14018, ABH13892, ABH13893, Note: H150)	7	o	o	o
202569		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23025, ABH14018, ABH13892, ABH13893, Note: H150)	7	o	o	o
202572		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23027, ABH14021, ABH13893, Note: H150,H161)	4	o	o	o
202573		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23027, ABH14021, ABH13893, Note: H150,H161)	4	o	o	o
		<b>Air Conditioning / Interior</b>				
201686		Air conditioning in cab, automatic (extra charge from difference to manual air conditioning)	-	o	o	o
201952	210010	Passenger's seat height adjustment	-	o	o	o
201519		Steering wheel and gear knob in leather	-	o	o	o
203730		Instrument panel in Techno design (aluminium)	-	o	o	o
201789	216003, 216001	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	-	o	o	o
202392		Seat heating for driver's and passenger's seats	1	o	o	o
203734	221013	Heated windscreen	1	o	o	o
		<b>Assistance Systems</b>				
201787	221013	"Traction Plus" traction aid, including Hill Descent Assist	-	o	o	o
202150	210018	Tyre pressure sensors	1	o	o	o
202710	210018	Safety Pack FIAT	1	o	o	o
203729		Electric parking brake (Dependency: ABH14000)	-9	o	o	o
254114		Levelling system	1	o	o	o

## KNAUS SKY TI – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	650 MF	700 MEG
<b>Lighting / Technology</b>						
200178-01		Fog lights with cornering lights	2	o	o	o
201043		Spare tyre	20	o	o	o
202712		Fuel tank 90 ltr.	13	o	o	o
203731		Keyless (Entry&Go) (Dependency: ABH13912)	1	o	o	o
202227		Additional car key with remote control (Dependency: ABH14174)	-	o	o	o
200488	210010	Electrically adjustable and heated exterior mirrors	1	o	o	o
203723	210051, 210052	Full LED front lighting (low beam, high beam and indicators) (Dependency: ABH14024)	-	o	o	o
202137	203723	LED daytime running light	-	o	o	o
201630		Battery disconnect switch in driver's cab	-	o	o	o
203732	221013	230 V socket in driver's cab	-	o	o	o
<b>Multimedia / Navigation</b>						
252143	210006	All-in-one navigation system	2	o	o	o
203727		Inductive charging cradle	-	o	o	o
203725		Virtual cockpit	-	o	o	o
<b>Transport Systems</b>						
102273	100237, 200188	Maximum load capacity of the rear garage: 250 kg	20	o	o	o
200188		Trailer hitch, rigid (Dependency: ABH14028, ABH14027)	26	o	o	o
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	17	o	o	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	18	o	o	o
102764		THULE garage organisation system 1	4	o	-	o
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14036, ABH14027)	50	o	o	o
<b>Doors</b>						
102564-01		Body door: KNAUS PREMIUM	2	o	o	o
102610		Body door: KNAUS EXKLUSIV	2	o	o	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-	o	o	o
100602	216003, 216001	Insect screen door	4	o	o	o
100212		Electrical entry step	7	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	650 MF	700 MEG
<b>Service hatches / Garage doors</b>						
102522-03		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14038, ABH13912)	2	o	o	o
<b>Front</b>						
102915-03		KNAUS ServiceBox	-	-	s	-
<b>Rear</b>						
100526-14		Garage door 80 x 80 cm, right	4	-	s	-
100526-15	216001	Garage door 80 x 110 cm, left	6	o	-	o
<b>Windows / Roof Hoods / Ventilation</b>						
101820		Frame window SEITZ S7	-	o	o	o
<b>Front</b>						
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10	o	o	o
551778-01	216003, 216001	Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	8	o	o	o
101779		Sliding window on passenger side, height of seating group	8	-	o	-
<b>Rear</b>						
101944		Panorama skylight 130 x 45 cm (rear) (Dependency: ABH14178)	12	o	-	o
<b>Toilet Room</b>						
101848		Roof hood (lift-tilt) 40 x 40 cm with insect screen and blackout, in shower/toilet room	3	-	s	o
<b>Materials / Vehicle Graphics</b>						
<b>Materials</b>						
102216		TVT body construction	-	o	o	o
<b>Living / Sleeping / Upholstery and Fabrics</b>						
<b>Living</b>						
552428	216003, 216001	Fabric blinds with bags in the bed area	1	o	o	o
551770		L-shaped seating group with telescopic single-column lifting table	8	o	o	o
552247		ISOFIX system (2 child seats)	5	o	o	o
552327		Safe	6	o	o	o
<b>Sleeping</b>						
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6	o	o	o
551746		Lifting bed with high-quality lifting mechanism	38	-	o	-

## KNAUS SKY TI – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	650 MF	700 MEG
551234		Bed extension in foot area, layouts with F-bed	2	–	o	–
551796		Bed extension to a double bed	2	o	–	o
552369		Fitted sheet set, precisely fitting for the mattress shape - for 2 beds (fixed beds)	1	o	o	o
		<b>Upholstery / Fabrics / Carpets</b>				
		<b>Upholstery Variants</b>				
552335-03		Upholstery selection: BLUE MARINE	–	o	o	o
552335-04		Upholstery selection: ENERGY	–	o	o	o
552188-02		Upholstery selection: ACTIVE ROYAL	–	o	o	o
552188-04		Upholstery selection: ACTIVE ROCK	–	o	o	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	–	o	o	o
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>				
550660-06		COZY HOME Package, colour selection PEACH	3	o	o	o
550660-02		COZY HOME Package, colour selection STONE	3	o	o	o
550660-03		COZY HOME Package, colour selection AVOCADO	3	o	o	o
550660-04		COZY HOME Package, colour selection AQUA	3	o	o	o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3	o	o	o
550660-01		COZY HOME Package, colour selection EARTH	3	o	o	o
		<b>Carpets</b>				
201074		Floor mat set in driver's cab in KNAUS design	2	o	o	o
550235		Carpet floor in living area	6	o	o	o
		<b>Kitchen / Bathroom</b>				
		<b>Kitchen</b>				
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13	o	o	o
		<b>Bathroom Area</b>				
451777		Wooden grate for shower tray	2	–	o	o
453505-14		3D separate bathroom with separate shower	–	–	–	s
453505-15		Longitudinal washroom with shower	–	–	s	–
453505-16		Comfort bathroom with shower and washbasin	–	s	–	–
453503-03		Cassette toilet DOMETIC swivelling	–	–	–	s
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>				
		<b>Gas Supply</b>				
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH14272)	–	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MEG	650 MF	700 MEG
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o
302499		TRUMA LevelControl (for 1 steel gas bottle) (Dependency: ABH13930)	–	o	o	o
551327		Smoke detector	–	o	o	o
302494		Gas detector	–	o	o	o
300518		External gas socket	1	o	o	o
		<b>Heating / Air conditioning</b>				
351274		Heating TRUMA Combi E (Dependency: ABH14058)	1	o	o	o
550566-01		ALDE hot water heating incl. booster (Dependency: ABH14234, Note: H160)	41	o	o	o
550825		Electric underfloor heating	8	o	o	o
351880		Floor with hot water heating (Dependency: ABH14274)	10	o	o	o
352966	550566-01	Heating control panel ALDE LCD (Dependency: ABH14040)	–	o	o	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14064, ABH13935, Note: H145)	29	o	o	o
		<b>Water Supply</b>				
452718-01	216003, 216001	"bluuwater" water filter system	1	o	o	o
452678-01		Exterior shower, connection in garage left	4	o	o	o
		<b>Electronics / Multimedia / Safety</b>				
		<b>Electronics</b>				
251949-09		USB socket in the rear (1 pc.)	–	o	o	o
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	–	o	o	o
252427		Ambient lighting and kitchen back panel cladding	3	o	o	o
250201	225030	Additional board battery (Dependency: ABH14066)	24	o	o	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23043, ABH14066)	–8	o	o	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23039, ABH14066)	12	o	o	o
253782		Solar system (200 W) (Dependency: ABH13958)	17	o	o	o
		<b>Multimedia</b>				
252824-01	210073	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV (Dependency: ABH14074, Note: H145)	22	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MEG	650 MF	700 MEG
253568-01		27" SMART TV set with HD tuner incl. holder (Dependency: ABH14078, ABH14077)	7		o	o	o
252448-01		21.5" SMART TV set with HD tuner incl. holder, in sleeping area (Dependency: ABH14080, ABH14077)	6		o	o	o
252479	210073	Pre-cabling for TV in the sleeping area	1		o	o	o
252405	210073, 252448-01, 253568-01	TV holder	3		o	o	o
		<b>Safety</b>					
252733	210020	Alarm system "Cobra"	4		o	o	o
252734	210020	Gas sensor as addition to the alarm system (Dependency: ABH13974)	-		o	o	o
252698	114580	velocate® GPS tracker (Note: H146)	-		o	o	o
252815	114580	velocate® LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-		o	o	o
253809	114580	velocate® sensors (gas, temperature, motion) (Dependency: ABH13978)	-		o	o	o
		<b>Awning / Awning Accessories</b>					
		<b>Awning THULE OMNISTOR</b>					
501333		Awning 405 x 250 cm, white	31		o	o	o
		<b>Miscellaneous</b>					
951036		MOT and registration document	-		o	o	o
		<b>Accessories</b>					
952823	216003, 216001	MediKit voucher (Note: H137)	-		o	o	o
953757-01	216003, 216001	silwyREADY	-		o	o	o

## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



# VAN WAVE – MAN

## Technical specifications



Technical specifications	640 MEG
<b>BASE VEHICLE</b>	
<b>MAN TGE 3.500 kg; 2.0 l Euro 6d-Final; SCR; front-wheel-drive; 6-speed-manual gearbox (103 kW / 140 HP)</b>	s
<b>BASIC EQUIPMENT</b>	
Total length (cm)	699
Width (outside) (cm)	220
Width (inside) (cm)	205
Height (outside) (cm)	283
Height (inside) (cm)	196
Effective vehicle mass including legally required basic equipment (kg)	2.975
Technically maximum authorised laden mass (kg)	3.500
Maximum payload (kg)	525
Towing load (kg)	2.400
Wheelbase (cm)	364
Maximum speed (km/h)	130
Tyre size	235/65R16 C
Rim size	6,5J x 16
Number of persons allowed in driving operation	4
Beds (Note: H141)	4
Max. number of beds (Note: H142)	4

Technical specific:	640 MEG
Automatic three-point belts, height-adjustable	2
Max. belt-secured seats	4
<b>BODY</b>	
Total number of hinged windows	3
Body door (width x height)	60 x 195
Wall thickness, roof (mm)	32
Wall thickness, side wall (mm)	31
Wall thickness, floor (mm)	40
<b>LIVING AREA</b>	
Three-point belts in driving direction	2
Bed size, lifting bed (cm)	177 x 127
Bed size, front (cm)	195 x 115 x 41
Bed size, rear (cm)	195 x 87; 201 x 80
<b>WATER</b>	
Waste water volume in liters	95
Fresh water volume in liters (Note: H712B,H711)	95
<b>KITCHEN</b>	
Refrigerator (ltr.)	142
<b>ELECTRICAL SUPPLY</b>	
Living area battery	80
Number of 230 V socket(s)	6
Number of USB socket(s)	1
Number of 12 V socket(s)	1

Motorisation / Drive / Gearing / Load increase	
233008	MAN TGE 3.500 kg; 2.0 l Euro 6d-Final; SCR; front-wheel-drive; 6-speed-manual gearbox (103 kW / 140 HP)
Chassis / Climate Control / Multimedia	
202844	Left-hand drive
202060	2-channel air suspension
202852-01	Chassis uni paint: White
222859-01	Front bumper in grey, not painted
212561	16" tyres on steel rims with wheel-centre cover, silver
202882	Cab ventilation
222634	Multi-function display "Plus"
222883	Driver and passenger airbag with passenger airbag deactivation
201863	Height adjustment for cab seats
200975-03	Original MAN cab seats
202887	Laminated glass windscreen with thermal insulation
202888	Front side windows fitted with thermal insulation glass
552889	Textile shading for front and side windows
202871	ESP
202872	Hill Holder (Hill Start Assist)
202873	ABS
202874	Electronic immobiliser
202876	Electromechanical power steering
202879	Emergency Brake Assist
232880	Multi-collision brake
232898	Start-stop system with brake energy recovery
202890	Fuel tank 75 ltr.
202892-02	Power windows (driver's and passenger's door)
202895	Exterior mirrors manually adjustable
202901	Daytime running light with series headlamps
232903	Remote folding key (2 pc.)
232902	12 V socket in cab (in the dashboard)
222917	Radiator grille with chrome applications
250233	Radio preparation incl. 2 loudspeakers
102273	Maximum load capacity of the rear garage: 250 kg
Doors	
102839	Body door: KNAUS KOMFORT
102840	One-key locking system
Service hatches / Garage doors	
102911	Service/storage space hatches and garage door/hatch with one-hand operation
102915-06	KNAUS ServiceBox
102916-04	Service hatch for ServiceBox 70 x 40 cm, bow left
102914-14	Easy access to gas locker via the service door located in side wall, position lengthwise
102914-10	Gas locker for 2 x 11 kg gas bottles
100526-16	Garage door 80 x 110 cm, right
Windows / Roof Hoods / Ventilation	
102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)
102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)
102920-03	Mushroom fan (toilet room)
Materials / Vehicle Graphics	
102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier
100887	GRP roof with reduced hail sensitivity
102926-06	Smooth aluminium sheet in white
102928-05	Resistant underfloor coating
Lighting / Technology	
102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology
102933-02	Registration plate light in LED technology
102933-13	Third brake light in LED
252937	Awning light with motion sensor LED
Furniture / Surfaces	
552940-10	Furniture decor: Matara Teak
552944-03	Durable vinyl flooring, wood style
552941-16	Storage locker hatches with soft-close function
Living / Sleeping / Upholstery and Fabrics	
552960-01	Mono seating group with hanging table, incl. swivel table extension
552945-01	EvoPore HRC mattress, fixed beds only
551746	Lifting bed with high-quality lifting mechanism
552335-05	Upholstery selection: COOL GREY
Kitchen / Bathroom	
402985-05	2-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)
552941-17	Kitchen drawers with soft-close function
402767	Refrigerator 142 ltr.
402417	Automatic energy selection for refrigerator (AES)
453502-07	High-quality fittings
453509-07	Folding clothes rail in the toilet room or shower
453505-16	Comfort bathroom with shower and washbasin
453503-01	Bench toilet Thetford
Heating / Air conditioning / Gas Supply / Water Supply	
302973	Gas system 30 mbar
302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK
302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
551054	Air circulation system 12 V
351166	Heating TRUMA Combi 6
453510-01	Water supply with submerged pump
453510-03	Hot water supply with single-lever mixer tap
453510-07	Water pipes laid in insulated area
Electronics / Multimedia / Safety	
253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets
253526-04	Networkable electrical system incl. central control panel with display for status of batteries, fresh and waste water tanks and power connection
253534-06	Interior lighting completely in LED technology
253527-02	Charger 216 VA
253530	Circuit breaker
251949-02	USB socket in the front (1 pc.)
252723	Charging booster for body battery
253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
252729	230 V SCHUKO socket, additional 1 pc. in garage
Miscellaneous	
953542-01	Operating instruction (German)
Accessories	
953543	10-year leak-proofness guarantee

## KNAUS VAN WAVE MAN – Packages

Item no.		
225010 MAN Package (12 kg)		
222631	Electrically adjustable and heated exterior mirrors	
222632	Cruise control with speed limitation device	
222633	Air conditioning "Climatic", manual	
232659	Drowsiness Detection	
	Info: Please note that if you do not order the MAN package, the delivery time of the vehicle will be extended by 3-6 months.	

Item no.		
225020 Light & Visibility Package (8 kg)		
222630	Fog lights incl. cornering light	
222638	LED main headlight with LED daytime running light	
222645	Windscreen wipers with interval circuit and rain sensor and automatic headlight switching	
232663	High-beam Assist "Light Assist"	

Item no.		
225030 Energy Plus Package (24 kg)		
232667	Intelligent charger with 25 A charging power	
250201	Additional board battery	
251757	Battery sensor for on-board battery	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
220060 VAN WAVE - Package (25 kg)		
100526-15	Garage door 80 x 110 cm, left	
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	
232672	Cab seats swivelling	
352059	TRUMA CP-Plus digital heating control panel	
450740	Insulating hood waste water tank, heatable	
452718-01	"bluuwater" water filter system	
553806	Cab darkening system EXKLUSIV	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	

Item no.		
225021 Light & Visibility Package (8 kg)		
222630	Fog lights incl. cornering light	
222638	LED main headlight with LED daytime running light	
232663	High-beam Assist "Light Assist"	

Item no.		
225035 Energy-Basic Package		
232667	Intelligent charger with 25 A charging power	
252654	Touch-Control-Panel with intuitive operating concept of networked components, incl. indoor and outdoor temperature sensor instead of standard Control-Panel	

Item no.		
210021 Safety II Package (4 kg)		
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
225060 Winter Package (10 kg)		
202392	Seat heating for driver's and passenger's seats	
232664	Laminated glass windscreen with thermal insulation, heated	
232665	Windscreen washer nozzles heatable	
550825	Electric underfloor heating	

Item no.		
<b>225100-02</b>	<b>Media Package (7 kg)</b>	
222628	Chrome package interior	
222642	Digital radio reception (DAB+)	
222648	Multifunction steering wheel (3 spokes)	
233602	Navigation system "MAN Media VAN Business Navigation"	
252684-01	Rear view camera incl. wiring	

Item no.	Connected-Security-Package for velocate® GPS-Tracker	
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/ window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

Item no.		
<b>225110-02</b>	<b>Media &amp; Assistance Package (19 kg)</b>	
222628	Chrome package interior	
222642	Digital radio reception (DAB+)	
222644	Automatic Traffic Sign Recognition	
222645	Windscreen wipers with interval circuit and rain sensor and automatic headlight switching	
222648	Multifunction steering wheel (3 spokes)	
232680	Adaptive Cruise Control (ACC) with speed limitation device	
232681	Active Lane Keeping Assist	
233602	Navigation system "MAN Media VAN Business Navigation"	
252684-01	Rear view camera incl. wiring	
	Incl. emergency brake assistant for automatic transmission (for distance-controlled cruise control ACC up to 160km/h)	

Item no.		
<b>210073</b>	<b>TV Package Twin 27" – 60 (26 kg)</b>	
252405	TV holder	
252479	Pre-cabling for TV in the sleeping area	
252824-01	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

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## KNAUS VAN WAVE MAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
		<b>Motorisation / Drive / Gearing / Load increase</b>		
		<b>FIAT Ducato</b>		
		<b>3.500 kg Chassis</b>		
233013		MAN TGE 3.500 kg; 2.0 l Euro 6d-Final; SCR; front-wheel drive; 8-speed automatic transmission (130 kW / 177 HP)	41	o
		<b>Load Increase</b>		
201781-02		Load increase from 3.500 kg to 3.850 kg	-	o
232769		Load increase from 3.500 kg to 4.000 kg	-	o
952791		Reduction of the number of permitted seats in operation from 4 to 3 people (Dependency: ABH17718)	-	o
952792		Reduction of the number of permitted seats in operation from 4 to 2 people (Dependency: ABH17718)	-	o
		<b>Chassis / Climate Control / Multimedia</b>		
200394		Crank supports, rear	4	o
232693		Front axle, reinforced (2.100 kg load capacity instead of 1.800 kg)	5	o
		<b>Paints</b>		
232660-02		Chassis in metallic paint: Indium Grey (Dependency: ABH14084)	-	o
222859	232660-02	Front bumper in grey with painted frame in chassis colour (Dependency: ABH14086)	-	o
		<b>Tyres</b>		
202568		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Note: H150)	7	o
202569		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Note: H150)	7	o
		<b>Air Conditioning / Interior</b>		
232669		Air conditioning "Climatronic", automatic (Dependency: ABH14091, ABH14092, ABH14090)	11	o
232670		Storage Package 2	5	o
222648	225100-02, 225110-02	Multifunction steering wheel (3 spokes) (Dependency: ABH14094)	-	o
232671		Multifunction leather steering wheel (3-spoke), heatable	-	o
222628	225100-02, 225110-02	Chrome package interior (Dependency: ABH14094)	-	o
201789	220060	High-quality fitted seat covers for driver's/passenger's seat in KNAUS fabric stlye	-	o
202392	225060	Seat heating for driver's and passenger's seats	1	o
232664	225060	Laminated glass windscreen with thermal insulation, heated (Dependency: ABH14096)	1	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
553806	220060	Cab darkening system EXKLUSIV (Dependency: ABH14098)	2	o
		<b>Assistance Systems</b>		
222632	225010	Cruise control with speed limitation device	-	o
232680	225110-02	Adaptive Cruise Control (ACC) with speed limitation device (Dependency: ABH14100, Note: H129)	-	o
232681	225110-02	Active Lane Keeping Assist	5	o
222644	225110-02	Automatic Traffic Sign Recognition (Dependency: ABH19856)	7	o
232659	225010	Drowsiness Detection	-	o
232663	225020, 225021	High-beam Assist "Light Assist" (Dependency: ABH14104)	1	o
222645	225020, 225110-02, 232669	Windscreen wipers with interval circuit and rain sensor and automatic headlight switching	-	o
254114		Levelling system	1	o
		<b>Lighting / Technology</b>		
222630	225020, 225021	Fog lights incl. cornering light	2	o
232665	225060	Windscreen washer nozzles heatable	-	o
222638	225020, 225021	LED main headlight with LED daytime running light	5	o
232668		230 V socket in driver's seat frame	1	o
232662		Battery main switch	-	o
		<b>Multimedia / Navigation</b>		
222629		Radio system "MAN Media VAN" (Dependency: ABH14107, ABH14108)	-	o
233602	225100-02, 225110-02	Navigation system "MAN Media VAN Business Navigation" (Dependency: ABH14107, ABH14110)	5	o
222642	225100-02, 225110-02	Digital radio reception (DAB+) (Dependency: ABH14094)	1	o
252684-01	225100-02, 225110-02	Rear view camera incl. wiring (Dependency: ABH14094)	1	o
		<b>Transport Systems</b>		
202332		Trailer hitch, ball bar removable (Dependency: ABH14112, ABH14027)	30	o
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	17	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	18	o

## KNAUS VAN WAVE MAN – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
102764		THULE garage organisation system 1	4	o
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14114, ABH14027)	50	o
		<b>Doors</b>		
102564		Body door: KNAUS PREMIUM	2	o
102610		Body door: KNAUS EXKLUSIV	2	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-	o
100602	220060	Insect screen door	4	o
100212		Electrical entry step	7	o
		<b>Service hatches / Garage doors</b>		
102522-03		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14038)	2	o
		<b>Windows / Roof Hoods / Ventilation</b>		
101820		Frame window SEITZ S7	-	o
		<b>Front</b>		
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10	o
		<b>Rear</b>		
101019-02		Hinged window 70 x 40 cm, (rear left)	6	o
		<b>Materials / Vehicle Graphics</b>		
		<b>Materials</b>		
102216		TVT body construction	-	o
		<b>Living / Sleeping / Upholstery and Fabrics</b>		
		<b>Living</b>		
551770		L-shaped seating group with telescopic single-column lifting table	8	o
552247-01		ISOFIX system (1 child seat)	5	o
		<b>Sleeping</b>		
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6	o
551796		Bed extension to a double bed	2	o
552369		Fitted sheet set, precisely fitting for the mattress shape – for 2 beds (fixed beds)	1	o
		<b>Upholstery / Fabrics / Carpets</b>		
		<b>Upholstery Variants</b>		
552335-06		Upholstery selection: BLUE NIGHT	-	o
552188-02		Upholstery selection: ACTIVE ROYAL	-	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
552188-04		Upholstery selection: ACTIVE ROCK	-	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-	o
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>		
550660-06		COZY HOME Package, colour selection PEACH	3	o
550660-01		COZY HOME Package, colour selection EARTH	3	o
550660-02		COZY HOME Package, colour selection STONE	3	o
550660-03		COZY HOME Package, colour selection AVOCADO	3	o
550660-04		COZY HOME Package, colour selection AQUA	3	o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3	o
		<b>Carpets</b>		
201074		Floor mat set in driver's cab in KNAUS design	2	o
550235		Carpet floor in living area	6	o
		<b>Kitchen / Bathroom</b>		
		<b>Kitchen</b>		
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13	o
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>		
		<b>Gas Supply</b>		
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH13926)	-	o
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o
302499		TRUMA LevelControl (for 1 steel gas bottle) (Dependency: ABH13930)	-	o
551327		Smoke detector	-	o
302494		Gas detector	-	o
300518		External gas socket	1	o
		<b>Heating / Air conditioning</b>		
351274		Heating TRUMA Combi E	1	o
550566-01		ALDE hot water heating incl. booster (Dependency: ABH14118, Note: H160)	41	o
550825	225060	Electric underfloor heating	8	o
352966	550566-01	Heating control panel ALDE LCD (Dependency: ABH14040)	-	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14064, ABH13935)	29	o



## KNAUS VAN WAVE MAN – Features and options

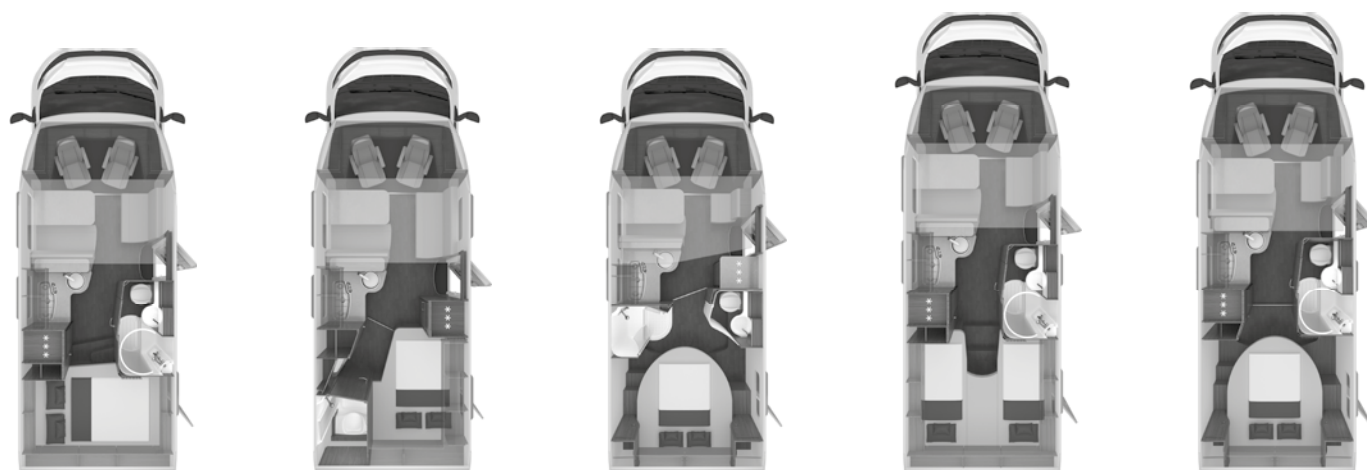
Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
		<b>Water Supply</b>		
452718-01	220060	"bluuwater" water filter system	1	o
		<b>Electronics / Multimedia / Safety</b>		
		<b>Electronics</b>		
251949-09		USB socket in the rear (1 pc.)	-	o
252524		Atmospheric ambient lighting	3	o
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	-	o
250201	225030	Additional board battery (Dependency: ABH14066)	24	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23037, ABH14066)	-8	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23039, ABH14066)	12	o
253802		Solar system (100 W)	9	o
		<b>Multimedia</b>		
252824-01	210073	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV (Dependency: ABH14074)	22	o
253568-01		27" SMART TV set with HD tuner incl. holder (Dependency: ABH14078, ABH14077)	7	o
252448-01		21.5" SMART TV set with HD tuner incl. holder, in sleeping area (Dependency: ABH14080, ABH14077)	6	o
252479	210073	Pre-cabling for TV in the sleeping area	1	o
252405	210073, 252448-01, 253568-01	TV holder	3	o
		<b>Safety</b>		
252733	210021	Alarm system "Cobra"	4	o
252734	210021	Gas sensor as addition to the alarm system (Dependency: ABH13974)	-	o
252698	114580	velocate@ GPS tracker (Note: H146)	-	o
252815	114580	velocate@ LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-	o
253809	114580	velocate@ sensors (gas, temperature, motion) (Dependency: ABH13978)	-	o
		<b>Awning / Awning Accessories</b>		
		<b>Awning THULE OMNISTOR</b>		
501333		Awning 405 x 250 cm, white	31	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	640 MEG
		<b>Miscellaneous</b>		
951036		MOT and registration document	-	o
		<b>Accessories</b>		
952823	220060	MediKit voucher (Note: H137)	-	o
953757-01	220060	silwyREADY	-	o

### Notes

# L!VE WAVE

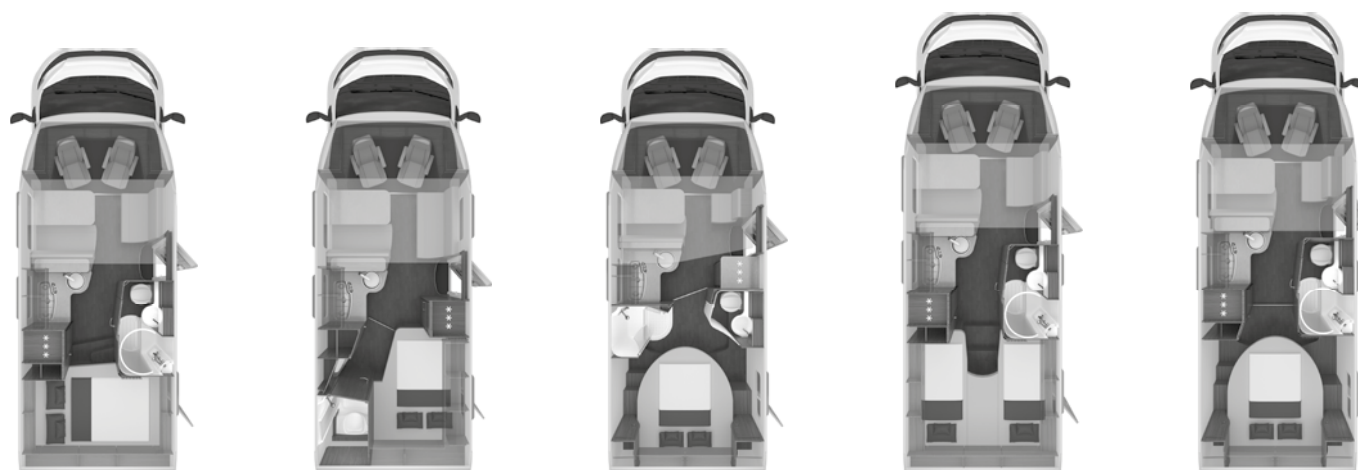
## Technical specifications



Technical specifications	650 MG	650 MF	650 MX	700 MEG	700 MX
<b>BASE VEHICLE</b>					
<b>FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox</b>	S	S	S	S	S
<b>BASIC EQUIPMENT</b>					
Total length (cm)	694	694	694	748	730
Width (outside) (cm)	232	232	232	232	232
Width (inside) (cm)	218	218	218	218	218
Height (outside) (cm)	294	294	294	294	294
Height (inside) (cm)	215	215	215	215	215
Effective vehicle mass including legally required basic equipment (kg)	2.885	2.885	2.885	2.995	2.945
Technically maximum authorised laden mass (kg)	3.500	3.500	3.500	3.500	3.500
Maximum payload (kg)	615	615	615	505	555
Towing load (kg)	2.000	2.000	2.000	2.000	2.000
Wheelbase (cm)	380	380	380	403	403
Number of persons allowed in driving operation	4	4	4	4	4
Beds (Note: H141)	4	4	4	4	4
Max. number of beds (Note: H142)	6	6	5	6	5
Automatic three-point belts, height-adjustable	2	2	2	2	2
Max. belt-secured seats	5	5	5	5	5

# L!VE WAVE

## Technical specifications



Technical specifications	650 MG	650 MF	650 MX	700 MEG	700 MX
<b>BODY</b>					
Total number of hinged windows	4	3	4	4	4
Body door (width x height)	60 x 195	60 x 195	60 x 195	60 x 195	60 x 195
Wall thickness, roof (mm)	32	32	32	32	32
Wall thickness, side wall (mm)	31	31	31	31	31
Wall thickness, floor (mm)	40	40	40	40	40
<b>LIVING AREA</b>					
Three-point belts in driving direction	2	2	2	2	2
Bed size, lifting bed (cm)	196 x 142	196 x 142	196 x 142	196 x 142	196 x 142
Bed size, front (cm)	209 x 118/84	211 x 118	209 x 118/48	209 x 118/84	209 x 118/66
Bed size, rear (cm)	212 x 147/135	201 x 141	192 x 162	199 x 78; 205 x 78	192 x 162
<b>WATER</b>					
Waste water volume in liters	95	95	95	95	95
Fresh water volume in liters (Note: H712C,H711)	100	100	100	100	100
<b>KITCHEN</b>					
Refrigerator (ltr.)	142	133	142	142	142
<b>ELECTRICAL SUPPLY</b>					
Living area battery	80	80	80	80	80
Number of 230 V socket(s)	5	5	5	5	5
Number of USB socket(s)	2	2	2	2	2

<b>Motorisation / Drive / Gearing / Load increase</b>		<b>Service hatches / Garage doors</b>		551746	Lifting bed with high-quality lifting mechanism (Note: H147)
203001-99	FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox	102911	Service/storage space hatches and garage door/hatch with one-hand operation	552335-05	Upholstery selection: COOL GREY
202826	6-speed manual gearbox	102915-03	KNAUS ServiceBox	<b>Kitchen / Bathroom</b>	
<b>Chassis / Climate Control / Multimedia</b>		102916-01	Service hatch for ServiceBox 53 x 37.5 cm, bow left	402985-01	3-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)
202843	Wide-track chassis	102914-14	Easy access to gas locker via the service door located in side wall, position lengthwise (Dependent on layout)	552941-17	Kitchen drawers with soft-close function
202844	Left-hand drive	102914-10	Gas locker for 2 x 11 kg gas bottles	402767	Refrigerator 142 ltr. (Dependent on layout)
202852-01	Chassis uni paint: White	<b>Windows / Roof Hoods / Ventilation</b>		402417	Automatic energy selection for refrigerator (AES)
203718-01	Black radiator grille, with chrome clasp	102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)	453502-07	High-quality fittings
202853	Front bumper grained, unpainted grey	102619-01	Roof hood 40 x 40 cm with insect screen and blackout, clear (bow)	453509-07	Folding clothes rail in the toilet room or shower
152828	15" tyres	102619-02	Roof hood 40 x 40 cm with insect screen and blackout, clear (centre) (Dependent on layout)	453505-15	Longitudinal washroom with shower (Dependent on layout)
212561-01	Steel rims (Dependency: ABH14008)	102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)	453503-03	Cassette toilet DOMETIC swivelling (Dependent on layout)
200176	Air conditioning in cab, manual including pollen filter and outside temperature display	100960-04	Roof hood 28 x 28 cm with insect screen, (toilet room)	<b>Heating / Air conditioning / Gas Supply / Water Supply</b>	
201862	Driver airbag	<b>Materials / Vehicle Graphics</b>		302973	Gas system 30 mbar
200501	Passenger airbag	100887	GRP roof with reduced hail sensitivity	302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK
201952-01	Driver's seat height adjustment	102926-18	FoldXpand rear concept: full-plastic rear wall with flush integrated taillight carrier	302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
200975-01	Original FIAT Captainchair seats with armrests	102926-06	Smooth aluminium sheet in white	551054	Air circulation system 12 V
200633	Cab seats swivelling	102928-05	Resistant underfloor coating	351166	Heating TRUMA Combi 6
200567	Tempomat ® - Cruise Control	<b>Lighting / Technology</b>		453510-01	Water supply with submerged pump
202871	ESP	102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology	453510-03	Hot water supply with single-lever mixer tap
202872	Hill Holder (Hill Start Assist)	102933-12	Third brake light integrated at the rear	453510-07	Water pipes laid in insulated area
202873	ABS	252937	Awning light with motion sensor LED	<b>Electronics / Multimedia / Safety</b>	
202874	Electronic immobiliser	<b>Furniture / Surfaces</b>		253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets
202876	Electromechanical power steering	552940-10	Furniture decor: Matara Teak	253526-01	Control panel with touch function
203755	Trailer Stability Control System	552941-29	Combination of high-quality furniture construction with accent surfaces in Samoa decor	253530	Circuit breaker
203756	Post Collision Braking System	552944-02	Vinyl flooring - Natural Oak	253527-01	Charger 190 VA
222881	Crosswind Assist	552941-16	Storage locker hatches with soft-close function	251949-02	USB socket in the front (1 pc.)
202890	Fuel tank 75 ltr.	<b>Living / Sleeping / Upholstery and Fabrics</b>		252723	Charging booster for body battery
202891	Car key with remote control for central locking for cab doors	552960-01	Mono seating group with hanging table, incl. swivel table extension	253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
202895	Exterior mirrors manually adjustable	552945-01	EvoPore HRC mattress, fixed beds only	252729	230 V SCHUKO socket, additional 1 pc. in garage
202901-01	Daytime running light with series headlamps	<b>Miscellaneous</b>		<b>Accessories</b>	
102273-01	Maximum load capacity of the rear garage: 150 kg	<b>Accessories</b>		953542-01	Operating instruction (German)
<b>Doors</b>		<b>Accessories</b>		953543	10-year leak-proofness guarantee
102839	Body door: KNAUS KOMFORT				
102840	One-key locking system				

## KNAUS LIVE WAVE – Packages

Item no.		
210010 FIAT Package – semi-integrated (TI) (12 kg)		
200488	Electrically adjustable and heated exterior mirrors	
201788	Front bumper painted in chassis colour	
201952	Passenger's seat height adjustment	
202132	16" tyres	
202478	Steering wheel with controls for radio	
	Info: Please note that if you do not order the FIAT package, the delivery time of the vehicle will be extended considerably.	

Item no.		
221013 Arctic Package (1 kg)		
201787	"Traction Plus" traction aid, including Hill Descent Assist	
203732	230 V socket in driver's cab	
203734	Heated windscreen	
203808	All-weather tyres	

Item no.		
210020 Safety I Package (4 kg)		
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
230200 LIVE WAVE Package (11 kg)		
100602	Insect screen door	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	
250233	Radio preparation incl. 2 loudspeakers	
352059	TRUMA CP-Plus digital heating control panel	
450740	Insulating hood waste water tank, heatable	
452718-01	"bluuwater" water filter system	
550610	Front and side window blackout	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	
	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.	

Item no.		
114580 Connected-Security-Package for velocate® GPS-Tracker		
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/ window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

Item no.		
210030 Styling I Package		
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	

Item no.		
210051 Styling Package - Black		
201815	Alloy rims for standard tyres	
202139	Headlights in black frame	
203718	Radiator grille painted black, with shiny black bar incl. chrome-plated trim elements	
203720	Spoiler lips (skid-plate) black	
203723	Full LED front lighting (low beam, high beam and indicators)	

Item no.		
210052 Styling Package - Alu		
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	
203721	Spoiler lips aluminium look (skid-plate)	
203723	Full LED front lighting (low beam, high beam and indicators)	

## KNAUS LIVE WAVE – Packages

Item no.		
<b>210073</b>	<b>TV Package Twin 27" – 60 (26 kg)</b>	
252405	TV holder	
252479	Pre-cabling for TV in the sleeping area	
252824-01	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

Item no.		
210006	Media Package (4 kg)	
251793	Rear view camera incl. wiring	
252143	All-in-one navigation system	
252715	Head-up display	

Item no.		
<b>210018</b>	<b>Care-drive Package FIAT (2 kg)</b>	
202150	Tyre pressure sensors	
202710	Safety Pack FIAT	

Notes

## KNAUS LIVE WAVE – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MG	650 MF	650 MX	700 MEG	700 MX
		<b>Motorisation / Drive / Gearing / Load increase</b>							
		<b>FIAT Ducato</b>							
		<b>3.500 kg Chassis light</b>							
203004-99		FIAT Ducato 3.500 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (132 kW / 180 HP); 6-speed manual gearbox (Dependency: ABH18966, ABH18967)	-		o	o	o	o	o
		<b>4.000 kg Chassis</b>							
203007-99		FIAT Ducato 4.000 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (130 kW / 177 HP); 6-speed manual gearbox (Dependency: ABH18969, ABH18949)	40		o	o	o	o	o
		<b>Gearing</b>							
202711		9-speed torque converter automatic transmission (Dependency: ABH14014)	18		o	o	o	o	o
		<b>Load Increase</b>							
201781-01		Load increase from 3.500 kg to 3.650 kg (Dependency: ABH23019)	-		o	o	o	o	o
201869-01		Load increase from 4.000 kg to 4.250 kg (Dependency: ABH23021)	-		o	o	o	o	o
201869-02		Load increase from 4.000 kg to 4.400 kg (Dependency: ABH23023)	-		o	o	o	o	o
952791		Reduction of the number of permitted seats in operation from 4 to 3 people (Dependency: ABH23065, ABH14244)	-		–	–	o	o	o
551773		Additional belt-secured seat, pluggable	14		o	o	o	o	o
		<b>Chassis / Climate Control / Multimedia</b>							
200394		Crank supports, rear	4		o	o	o	o	o
202766		Coil spring on rear axle (Chassis optimisation) (Dependency: ABH14000)	10		o	o	o	o	o
202060		2-channel air suspension (Dependency: ABH14002)	25		o	o	o	o	o
		<b>Paints</b>							
201786-04	210030, 210052	Chassis in paint: Lanzarote Grey	-		o	o	o	o	o
202139	210051	Headlights in black frame (Dependency: ABH14004)	-		o	o	o	o	o
201788	210010	Front bumper painted in chassis colour	1		o	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MG	650 MF	650 MX	700 MEG	700 MX
		<b>Tyres</b>							
203808	202568, 202569, 202572, 202573, 221013	All-weather tyres	-		o	o	o	o	o
202200		16" full wheel covers (Dependency: ABH14010)	2		o	o	o	o	o
200868		Wheel covers in KNAUS design (Dependency: ABH13886)	2		o	o	o	o	o
201815	210030, 210051, 210052	Alloy rims for standard tyres (Dependency: ABH14014, ABH14013)	-		o	o	o	o	o
202568		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23025, ABH14018, ABH13892, ABH13893, Note: H150)	7		o	o	o	o	o
202569		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23025, ABH14018, ABH13892, ABH13893, Note: H150)	7		o	o	o	o	o
202572		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23067, ABH14021, ABH13893, Note: H150, H161)	4		o	o	o	o	o
202573		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23067, ABH14021, ABH13893, Note: H150, H161)	4		o	o	o	o	o
		<b>Air Conditioning / Interior</b>							
201686		Air conditioning in cab, automatic (extra charge from difference to manual air conditioning)	-		o	o	o	o	o
201952	210010	Passenger's seat height adjustment	-		o	o	o	o	o
201519		Steering wheel and gear knob in leather	-		o	o	o	o	o
203730		Instrument panel in Techno design (aluminium)	-		o	o	o	o	o
201789	230200	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric stlye	-		o	o	o	o	o
202392		Seat heating for driver's and passenger's seats	1		o	o	o	o	o
203734	221013	Heated windscreen	1		o	o	o	o	o
		<b>Assistance Systems</b>							
201787	221013	"Traction Plus" traction aid, including Hill Descent Assist	-		o	o	o	o	o



## KNAUS LIVE WAVE – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MG	650 MF	650 MX	700 MEG	700 MX
202150	210018	Tyre pressure sensors	1		o	o	o	o	o
202710	210018	Safety Pack FIAT	1		o	o	o	o	o
203729		Electric parking brake (Dependency: ABH14000)	-9		o	o	o	o	o
254114		Levelling system	1		o	o	o	o	o
		<b>Lighting / Technology</b>							
200178-01		Fog lights with cornering lights	2		o	o	o	o	o
201043		Spare tyre	20		o	o	o	o	o
202712		Fuel tank 90 ltr.	13		o	o	o	o	o
203731		Keyless (Entry&Go) (Dependency: ABH13912)	1		o	o	o	o	o
202227		Additional car key with remote control	-		o	o	o	o	o
200488	210010	Electrically adjustable and heated exterior mirrors	1		o	o	o	o	o
203723	210051, 210052	Full LED front lighting (low beam, high beam and indicators) (Dependency: ABH14024)	-		o	o	o	o	o
202137	203723	LED daytime running light	-		o	o	o	o	o
201630		Battery disconnect switch in driver's cab	-		o	o	o	o	o
203732	221013	230 V socket in driver's cab	-		o	o	o	o	o
		<b>Multimedia / Navigation</b>							
252143	210006	All-in-one navigation system	2		o	o	o	o	o
203727		Inductive charging cradle	-		o	o	o	o	o
203725		Virtual cockpit	-		o	o	o	o	o
		<b>Transport Systems</b>							
102273	100237, 200188	Maximum load capacity of the rear garage: 250 kg	20		o	o	o	o	o
200188		Trailer hitch, rigid (Dependency: ABH14028, ABH14027)	26		o	o	o	o	o
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	17		o	o	o	o	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	18		o	o	o	o	o
102764		THULE garage organisation system 1	4		-	o	-	o	-
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14036, ABH14027)	50		o	o	o	o	o
		<b>Doors</b>							
102564		Body door: KNAUS PREMIUM	2		o	o	o	o	o
102610		Body door: KNAUS EXklusiv	2		o	o	o	o	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-		o	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MG	650 MF	650 MX	700 MEG	700 MX
100602	230200	Insect screen door	4		o	o	o	o	o
100212		Electrical entry step	7		o	o	o	o	o
		<b>Service hatches / Garage doors</b>							
102522-03		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14038, ABH13912)	2		o	o	o	o	o
		<b>Front</b>							
252578	550566-01	External battery box for 2 body batteries (Dependency: ABH14040)	-		o	o	o	o	o
		<b>Centre</b>							
102914-01		Easy access to gas locker via the service door located in side wall	-		-	s	-	s	-
		<b>Rear</b>							
100526-15		Garage door 80 x 110 cm, left (Dependency: ABH14220)	6		o	-	-	o	-
100526-13		Garage door 80 x 80 cm, left (Dependency: ABH14048, ABH14047)	4		-	-	-	o	-
100526-35		Garage door 55 x 80 cm, left (Dependency: ABH14252, ABH14251)	4		-	-	o	-	o
100526-33		Garage door 55 x 110 cm, left (Dependency: ABH14254)	4		-	-	o	-	o
100526-16		Garage door 80 x 110 cm, right (Dependency: ABH14220)	6		s	-	-	s	-
100526-14	551711	Garage door 80 x 80 cm, right (Dependency: ABH14258, ABH14257)	4		-	s	-	o	-
100526-30		Garage door 72.5 x 110 cm, right (Dependency: ABH14254)	5		-	-	s	-	s
100526-36		Garage door 72.5 x 80 cm, right (Dependency: ABH14260)	5		-	-	s	-	s
		<b>Windows / Roof Hoods / Ventilation</b>							
101820		Frame window SEITZ S7	-		o	o	o	o	o
		<b>Front</b>							
551778-01		Roof hood (lift-tilt) 70 x 50 cm with insect screen and blackout, clear with lighting (bow)	8		o	o	-	-	-
101779		Sliding window on passenger side, height of seating group	8		o	o	-	o	-
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10		o	o	o	o	o

## KNAUS LIVE WAVE – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MG	650 MF	650 MX	700 MEG	700 MX
		<b>Rear</b>						
101944		Panorama skylight 130 x 45 cm (rear) (Dependency: ABH14262)	12	–	–	o	o	o
101019-02		Hinged window 70 x 40 cm, (rear left)	6	o	–	o	o	o
		<b>Toilet Room</b>						
101666		Hinged window 52 x 50 cm with insect screen and blackout, toilet room	6	o	–	o	o	o
		<b>Materials / Vehicle Graphics</b>						
		<b>Materials</b>						
102216		TVT body construction	-	o	o	o	o	o
		<b>Living / Sleeping / Upholstery and Fabrics</b>						
		<b>Living</b>						
551770		L-shaped seating group with telescopic single- column lifting table (Dependency: ABH14052)	8	o	o	o	o	o
552247		ISOFIX system (2 child seats)	5	o	o	o	o	o
		<b>Sleeping</b>						
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6	o	o	o	o	o
551711		Low single bed, incl. cabinet above the end of the bed (Dependency: ABH14054)	-15	–	–	–	o	–
552473		Queen-sized bed electrically height-adjustable	30	–	–	o	–	o
551234		Bed extension in foot area, layouts with F-bed	2	–	o	–	–	–
551796		Bed extension to a double bed	2	–	–	–	o	–
552198		Bed conversion of the seating group (Dependency: ABH14056)	2	–	–	o	–	o
552198-02		Bed conversion of the seating group (Dependency: ABH14056)	2	o	o	–	o	–
552369		Fitted sheet set, precisely fitting for the mattress shape - for 2 beds (fixed beds)	1	o	o	o	o	o
		<b>Upholstery / Fabrics / Carpets</b>						
		<b>Upholstery Variants</b>						
552335-01		Upholstery selection: TURIN (FIAT)	-	o	o	o	o	o
552335-06		Upholstery selection: BLUE NIGHT	-	o	o	o	o	o
552188-02		Upholstery selection: ACTIVE ROYAL	-	o	o	o	o	o
552188-04		Upholstery selection: ACTIVE ROCK	-	o	o	o	o	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-	o	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MG	650 MF	650 MX	700 MEG	700 MX
		<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>						
550660-06		COZY HOME Package, colour selection PEACH	3	o	o	o	o	o
550660-02		COZY HOME Package, colour selection STONE	3	o	o	o	o	o
550660-03		COZY HOME Package, colour selection AVOCADO	3	o	o	o	o	o
550660-04		COZY HOME Package, colour selection AQUA	3	o	o	o	o	o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3	o	o	o	o	o
550660-01		COZY HOME Package, colour selection EARTH	3	o	o	o	o	o
		<b>Carpets</b>						
201074		Floor mat set in driver's cab in KNAUS design	2	o	o	o	o	o
550235		Carpet floor in living area	6	o	o	o	o	o
		<b>Kitchen / Bathroom</b>						
		<b>Kitchen</b>						
402806		Refrigerator 133 ltr.	-	–	s	–	–	–
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13	o	o	o	o	o
		<b>Bathroom Area</b>						
451777		Wooden grate for shower tray	2	o	–	–	o	o
453505-21		LIVE bathroom with separate shower	-	–	–	s	–	–
453503-01		Bench toilet Thetford	-	–	s	–	–	–
		<b>Heating / Air conditioning / Gas Supply / Water Supply</b>						
		<b>Gas Supply</b>						
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH13926)	-	o	o	o	o	o
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o	o	o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o	o	o
302499		TRUMA LevelControl (for 1 steel gas bottle) (Dependency: ABH13930)	-	o	o	o	o	o
551327		Smoke detector	-	o	o	o	o	o
302494		Gas detector	-	o	o	o	o	o
300518		External gas socket	1	o	o	o	o	o
		<b>Heating / Air conditioning</b>						
351274		Heating TRUMA Combi E (Dependency: ABH14158)	1	o	o	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MG	650 MF	650 MX	700 MEG	700 MX
550566-01		ALDE hot water heating incl. booster (Dependency: ABH14060, Note: H160)	41		o	o	o	o	o
550825		Electric underfloor heating	8		o	o	o	o	o
352966	550566-01	Heating control panel ALDE LCD (Dependency: ABH14040)	-		o	o	o	o	o
450740	230200	Insulating hood waste water tank, heatable	2		o	o	o	o	o
552052		Air conditioning DOMETIC Freshjet 2200 (OEM) (Dependency: ABH14264, ABH13935, Note: H145)	29		o	o	o	o	o
		<b>Water Supply</b>							
452718-01	230200	"bluuwater" water filter system	1		o	o	o	o	o
		<b>Electronics / Multimedia / Safety</b>							
		<b>Electronics</b>							
251949-09		USB socket in the rear (1 pc.)	-		o	o	o	o	o
250072-06		230 V SCHUKO socket, additional 1 pc. in kitchen	-		o	o	o	o	o
252524		Atmospheric ambient lighting	3		o	o	o	o	o
250201		Additional board battery (Dependency: ABH14066)	24		o	o	o	o	o
253747-01		Lithium-ion on-board batterie (instead of standard battery) (Dependency: ABH23031, ABH14066)	-8		o	o	o	o	o
253748-01		Additional Lithium-ion board battery (Dependency: ABH23034, ABH23061, ABH14066)	12		o	o	o	o	o
		<b>Multimedia</b>							
252824-01	210073	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV (Dependency: ABH14074, Note: H145)	22		o	o	o	o	o
253568-01		27" SMART TV set with HD tuner incl. holder (Dependency: ABH14078, ABH14077)	7		o	o	o	o	o
252448-01		21.5" SMART TV set with HD tuner incl. holder, in sleeping area (Dependency: ABH14080, ABH14077)	6		o	o	o	o	o
252479	210073	Pre-cabing for TV in the sleeping area	1		o	o	o	o	o
252405	210073, 252448-01, 253568-01	TV holder	3		o	o	o	o	o
		<b>Safety</b>							
252733	210020	Alarm system "Cobra"	4		o	o	o	o	o
252734	210020	Gas sensor as addition to the alarm system (Dependency: ABH13974)	-		o	o	o	o	o
252698	114580	velocate® GPS tracker (Note: H146)	-		o	o	o	o	o

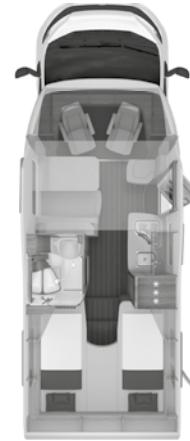
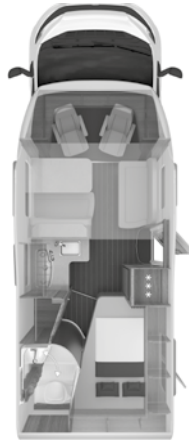
Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG		650 MG	650 MF	650 MX	700 MEG	700 MX
252815	114580	velocate® LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-		o	o	o	o	o
253809	114580	velocate® sensors (gas, temperature, motion) (Dependency: ABH13978)	-		o	o	o	o	o
		<b>Awning / Awning Accessories</b>							
		<b>Awning THULE OMNISTOR</b>							
500893		Awning 355 x 250 cm, white	28		o	o	o	–	–
501333		Awning 405 x 250 cm, white	31		–	–	–	o	o
		<b>Miscellaneous</b>							
951036		MOT and registration document	-		o	o	o	o	o
		<b>Accessories</b>							
952823	230200	MediKit voucher (Note: H137)	-		o	o	o	o	o
953757-01	230200	silwyREADY	-		o	o	o	o	o

## Notes

[illegible]

# SKY WAVE

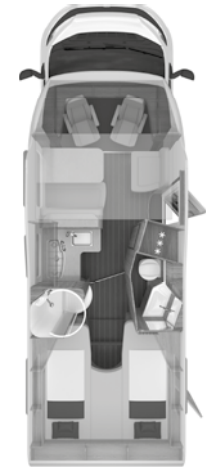
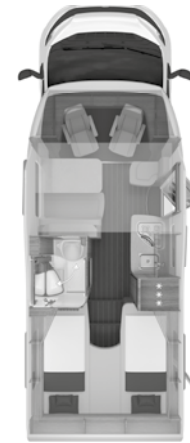
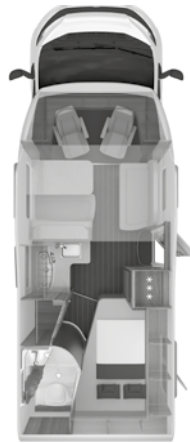
## Technical specifications



Technical specifications	650 MF	650 MEG	700 MEG
<b>BASE VEHICLE</b>			
<b>FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox</b>	S	S	S
<b>BASIC EQUIPMENT</b>			
Total length (cm)	698	698	752
Width (outside) (cm)	232	232	232
Width (inside) (cm)	218	218	218
Height (outside) (cm)	284	284	284
Height (inside) (cm)	200	200	200
Effective vehicle mass including legally required basic equipment (kg)	2.993	2.993	3.093
Technically maximum authorised laden mass (kg)	3.500	3.500	3.500
Maximum payload (kg)	507	507	407
Towing load (kg)	2.000	2.000	2.000
Wheelbase (cm)	380	380	403
Number of persons allowed in driving operation	4	4	4
Beds (Note: H141)	6	5	5
Max. number of beds (Note: H142)	6	5	5
Automatic three-point belts, height-adjustable	2	2	2
Max. belt-secured seats	5	4	5

# SKY WAVE

## Technical specifications



Technical specifications	650 MF	650 MEG	700 MEG
<b>BODY</b>			
Total number of hinged windows	5	5	5
Body door (width x height)	60 x 195	60 x 195	60 x 195
Wall thickness, roof (mm)	32	32	32
Wall thickness, side wall (mm)	31	31	31
Wall thickness, floor (mm)	40	40	40
<b>LIVING AREA</b>			
Three-point belts in driving direction	2	2	2
Bed size, lifting bed (cm)	194 x 140	191 x 127	194 x 123
Bed size, middle (cm)	210 x 118/114	210 x 118/32	210 x 118/66
Bed size, rear (cm)	201 x 143	198 x 81; 193 x 81	199 x 78; 205 x 78
<b>WATER</b>			
Waste water volume in liters	95	95	95
Fresh water volume in liters (Note: H712C,H711)	100	100	100
<b>KITCHEN</b>			
Refrigerator (ltr.)	133	142	142
<b>ELECTRICAL SUPPLY</b>			
Living area battery	80	80	80
Number of 230 V socket(s)	5	5	5
Number of USB socket(s)	1	1	1

## KNAUS SKY WAVE – Standard equipment

Motorisation / Drive / Gearing / Load increase	
203001-99	FIAT Ducato 3.500 kg; 2.2 l 140 Multijet; front-wheel drive; Euro 6d-Final (103 kW / 140 HP); 6-speed manual gearbox
202826	6-speed manual gearbox
Chassis / Climate Control / Multimedia	
202843	Wide-track chassis
202844	Left-hand drive
202852-01	Chassis uni paint: White
203718-01	Black radiator grille, with chrome clasp
202853	Front bumper grained, unpainted grey
152828	15" tyres
212561-01	Steel rims (Dependency: ABH14008)
200176	Air conditioning in cab, manual including pollen filter and outside temperature display
201862	Driver airbag
200501	Passenger airbag
201952-01	Driver's seat height adjustment
200975-01	Original FIAT Captainchair seats with armrests
200633	Cab seats swivelling
200567	Tempomat ® - Cruise Control
202871	ESP
202872	Hill Holder (Hill Start Assist)
202873	ABS
202874	Electronic immobiliser
202876	Electromechanical power steering
203755	Trailer Stability Control System
203756	Post Collision Braking System
222881	Crosswind Assist
202890	Fuel tank 75 ltr.
202891	Car key with remote control for central locking for cab doors
202895	Exterior mirrors manually adjustable
202901-01	Daytime running light with series headlamps
250233	Radio preparation incl. 2 loudspeakers
102273-01	Maximum load capacity of the rear garage: 150 kg
Doors	
102839	Body door: KNAUS KOMFORT
102840	One-key locking system

Service hatches / Garage doors	
102911	Service/storage space hatches and garage door/hatch with one-hand operation
252578	External battery box for 2 body batteries
102915-03	KNAUS ServiceBox
102916-01	Service hatch for ServiceBox 53 x 37.5 cm, bow left
102914-01	Easy access to gas locker via the service door located in side wall
102914-10	Gas locker for 2 x 11 kg gas bottles
100526-16	Garage door 80 x 110 cm, right (Dependent on layout)
Windows / Roof Hoods / Ventilation	
102923-04	Windows with double glazing tinted, curtained and hinged (with insect screen and blackout)
101779	Sliding window on passenger side, height of seating group
102619-03	Roof hood 40 x 40 cm with insect screen and blackout, clear (rear)
101019-01	Hinged window 90 x 52 cm (rear left) (Dependent on layout)
101848	Roof hood (lift-tilt) 40 x 40 cm with insect screen and blackout, in shower/toilet room (Dependent on layout)
Materials / Vehicle Graphics	
100887	GRP roof with reduced hail sensitivity
102926-06	Smooth aluminium sheet in white
102928-02	Sandwich floor with GRP underfloor coating
Lighting / Technology	
102933-01	KNAUS CATEYE evolution – taillight with exclusive night signature and dynamic indicator in LED technology
102933-12	Third brake light integrated at the rear
252937	Awning light with motion sensor LED
Furniture / Surfaces	
552940-01	Furniture decor: Nagano Oak
552941-08	Combination of high-quality furniture construction and pearl white surfaces with cross-grid pattern
552944-01	Vinyl flooring in yacht design
552941-16	Storage locker hatches with soft-close function
Living / Sleeping / Upholstery and Fabrics	
552960-01	Mono seating group with hanging table, incl. swivel table extension
552945-01	EvoPore HRC mattress, fixed beds only
551746	Lifting bed with high-quality lifting mechanism (Note: H147)

552198	Bed conversion of the seating group
552335-04	Upholstery selection: ENERGY
Kitchen / Bathroom	
402985-01	3-burner cooker with glass cover, stainless steel sink, recessed (Dependency: ABH13918)
552941-17	Kitchen drawers with soft-close function
402767	Refrigerator 142 ltr. (Dependent on layout)
402417	Automatic energy selection for refrigerator (AES)
453502-07	High-quality fittings
453509-07	Folding clothes rail in the toilet room or shower
453505-15	Longitudinal washroom with shower (Dependent on layout)
453503-01	Bench toilet Thetford (Dependent on layout)
Heating / Air conditioning / Gas Supply / Water Supply	
302973	Gas system 30 mbar
302974	Gas hose version D/AT/ES/FI/BE/IT/NL/DK
302978	Gas regulator version D/AT/ES/FI/BE/IT/NL/DK
551054	Air circulation system 12 V
351166	Heating TRUMA Combi 6
453510-01	Water supply with submerged pump
453510-03	Hot water supply with single-lever mixer tap
453510-07	Water pipes laid in insulated area
Electronics / Multimedia / Safety	
253523-02	Power supply / interior lighting with 230 V and 12 V, various interior sockets
253526-01	Control panel with touch function
253530	Circuit breaker
253527-02	Charger 216 VA
251949-02	USB socket in the front (1 pc.)
252723	Charging booster for body battery
253517	230 V SCHUKO sockets "D/AT/ES/FI/BE/IT/NL/DK/SE" version
252729	230 V SCHUKO socket, additional 1 pc. in garage
Miscellaneous	
953542-01	Operating instruction (German)
Accessories	
953543	10-year leak-proofness guarantee

## KNAUS SKY WAVE – Packages

Item no.		
<b>210010</b>	<b>FIAT Package – semi-integrated (TI) (12 kg)</b>	
200488	Electrically adjustable and heated exterior mirrors	
201788	Front bumper painted in chassis colour	
201952	Passenger's seat height adjustment	
202132	16" tyres	
202478	Steering wheel with controls for radio	
	Info: Please note that if you do not order the FIAT package, the delivery time of the vehicle will be extended considerably.	

Item no.		
<b>221013</b>	<b>Arctic Package (1 kg)</b>	
201787	"Traction Plus" traction aid, including Hill Descent Assist	
203732	230 V socket in driver's cab	
203734	Heated windscreen	
203808	All-weather tyres	

Item no.		
<b>210020</b>	<b>Safety I Package (4 kg)</b>	
252733	Alarm system "Cobra"	
252734	Gas sensor as addition to the alarm system	

Item no.		
<b>217001</b>	<b>SKY WAVE Package (10 kg)</b>	
100602	Insect screen door	
102425	Position lights of the hood in LED light guide technology	
201789	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	
352059	TRUMA CP-Plus digital heating control panel	
452718-01	"bluuwater" water filter system	
550610	Front and side window blackout	
552428	Fabric blinds with bags in the bed area	
952823	MediKit voucher (Note: H137)	
953757-01	silwyREADY	
	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.	

Item no.		
<b>114580</b>	<b>Connected-Security-Package for velocate® GPS-Tracker</b>	
252698	velocate® GPS tracker	
252815	velocate® LIFETIME license with unlimited, personal, EU-wide tracking	
253809	velocate® sensors (gas, temperature, motion)	
	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>	

Item no.		
<b>210030</b>	<b>Styling I Package</b>	
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	

Item no.		
<b>210051</b>	<b>Styling Package – Black</b>	
201815	Alloy rims for standard tyres	
202139	Headlights in black frame	
203718	Radiator grille painted black, with shiny black bar incl. chrome-plated trim elements	
203720	Spoiler lips (skid-plate) black	
203723	Full LED front lighting (low beam, high beam and indicators)	

Item no.		
<b>210052</b>	<b>Styling Package – Alu</b>	
201786-04	Chassis in paint: Lanzarote Grey	
201815	Alloy rims for standard tyres	
203721	Spoiler lips aluminium look (skid-plate)	
203723	Full LED front lighting (low beam, high beam and indicators)	



## KNAUS SKY WAVE – Packages

Item no.		
<b>210073 TV Package Twin 27" – 60 (26 kg)</b>		
252405	TV holder	
252479	Pre-cabing for TV in the sleeping area	
252824-01	Complete antenna system Oyster 60 Premium, Twin incl. 27" SMART-TV	
	If this option is selected, the vehicle height increases by approx. 11 cm	

Item no.		
<b>210006 Media Package (4 kg)</b>		
251793	Rear view camera incl. wiring	
252143	All-in-one navigation system	
252715	Head-up display	

Item no.		
<b>210018 Care-drive Package FIAT (2 kg)</b>		
202150	Tyre pressure sensors	
202710	Safety Pack FIAT	

## KNAUS SKY WAVE – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MF	650 MEG	700 MEG
<b>Motorisation / Drive / Gearing / Load increase</b>						
<b>FIAT Ducato</b>						
<b>3.500 kg Chassis light</b>						
203004-99		FIAT Ducato 3.500 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (132 kW / 180 HP); 6-speed manual gearbox (Dependency: ABH18980, ABH18981)	-	o	o	o
<b>4.000 kg Chassis</b>						
203007-99		FIAT Ducato 4.000 kg; 2.2 l 180 Multijet; front-wheel drive; Euro 6d-Final (130 kW / 177 HP); 6-speed manual gearbox (Dependency: ABH18983, ABH18949)	40	o	o	o
<b>Gearing</b>						
202711		9-speed torque converter automatic transmission (Dependency: ABH14014)	18	o	o	o
<b>Load Increase</b>						
201781-01		Load increase from 3.500 kg to 3.650 kg (Dependency: ABH23075)	-	o	o	o
201869-01		Load increase from 4.000 kg to 4.250 kg (Dependency: ABH23083)	-	o	o	o
201869-02		Load increase from 4.000 kg to 4.400 kg (Dependency: ABH23085)	-	o	o	o
952791		Reduction of the number of permitted seats in operation from 4 to 3 people (Dependency: ABH23087, ABH14244)	-	o	o	o
551773		Additional belt-secured seat, pluggable (Dependency: ABH23089)	14	o	–	o
<b>Chassis / Climate Control / Multimedia</b>						
200394		Crank supports, rear	4	o	o	o
202766		Coil spring on rear axle (Chassis optimisation) (Dependency: ABH14000)	10	o	o	o
202060		2-channel air suspension (Dependency: ABH14002)	25	o	o	o
<b>Paints</b>						
201786-04	210030, 210052	Chassis in paint: Lanzarote Grey	-	o	o	o
202139	210051	Headlights in black frame (Dependency: ABH14004)	-	o	o	o
201788	210010	Front bumper painted in chassis colour	1	o	o	o
<b>Tyres</b>						
203808	202569, 202572, 202573, 221013	All-weather tyres	-	o	o	o

## KNAUS SKY WAVE – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MF	650 MEG	700 MEG
202200		16" full wheel covers (Dependency: ABH14010)	2	o	o	o
200868		Wheel covers in KNAUS design (Dependency: ABH13886)	2	o	o	o
201815	210030, 210051, 210052	Alloy rims for standard tyres (Dependency: ABH14014, ABH14013)	-	o	o	o
202569		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH30113, ABH14018, ABH13892, ABH14297, Note: H150)	7	o	o	o
202572		17" alloy rims with branded all-season tyres (235/60R17), black gloss front-polished in exclusive KNAUS design (Dependency: ABH23093, ABH14021, ABH14297, Note: H150,H161)	4	o	o	o
202573		17" alloy rims with branded all-season tyres (235/60R17), titanium metallic painted in exclusive KNAUS design (Dependency: ABH23093, ABH14021, ABH14297, Note: H150,H161)	4	o	o	o
		<b>Air Conditioning / Interior</b>				
201686		Air conditioning in cab, automatic (extra charge from difference to manual air conditioning)	-	o	o	o
201952	210010	Passenger's seat height adjustment	-	o	o	o
201519		Steering wheel and gear knob in leather	-	o	o	o
203730		Instrument panel in Techno design (aluminium)	-	o	o	o
201789	217001	High-quality fitted seat covers for driver's/ passenger's seat in KNAUS fabric style	-	o	o	o
202392		Seat heating for driver's and passenger's seats	1	o	o	o
203734	221013	Heated windscreen	1	o	o	o
		<b>Assistance Systems</b>				
201787	221013	"Traction Plus" traction aid, including Hill Descent Assist	-	o	o	o
202150	210018	Tyre pressure sensors	1	o	o	o
202710	210018	Safety Pack FIAT	1	o	o	o
203729		Electric parking brake (Dependency: ABH14000)	-9	o	o	o
254114		Levelling system (Dependency: ABH14002)	1	o	o	o
		<b>Lighting / Technology</b>				
200178-01		Fog lights with cornering lights	2	o	o	o
201043		Spare tyre	20	o	o	o
202712		Fuel tank 90 ltr.	13	o	o	o
203731		Keyless (Entry&Go) (Dependency: ABH13912)	1	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MF	650 MEG	700 MEG
202227		Additional car key with remote control (Dependency: ABH14302)	-	o	o	o
200488	210010	Electrically adjustable and heated exterior mirrors	1	o	o	o
203723	210051, 210052	Full LED front lighting (low beam, high beam and indicators) (Dependency: ABH14024)	-	o	o	o
202137	203723	LED daytime running light	-	o	o	o
201630		Battery disconnect switch in driver's cab	-	o	o	o
203732	221013	230 V socket in driver's cab	-	o	o	o
		<b>Multimedia / Navigation</b>				
252143	210006	All-in-one navigation system	2	o	o	o
203727		Inductive charging cradle	-	o	o	o
203725		Virtual cockpit	-	o	o	o
		<b>Transport Systems</b>				
102273	100237, 200188	Maximum load capacity of the rear garage: 250 kg	20	o	o	o
200188		Trailer hitch, rigid (Dependency: ABH14028, ABH14027)	26	o	o	o
102514		Bicycle carrier for 2 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	17	o	o	o
102515		Bicycle carrier for 3 bikes, rear: THULE LIFT V16 (Dependency: ABH14030, Note: H157)	18	o	o	o
102764		THULE garage organisation system 1	4	-	o	o
100237		Motorcycle holder, load capacity 120 kg (Dependency: ABH14036, ABH14027)	50	o	o	o
		<b>Doors</b>				
102564		Body door: KNAUS PREMIUM	2	o	o	o
102610		Body door: KNAUS EXKLUSIV	2	o	o	o
102577		Multifunctional bag in KNAUS design (Dependency: ABH17716)	-	o	o	o
100602	217001	Insect screen door	4	o	o	o
100212		Electrical entry step	7	o	o	o
		<b>Service hatches / Garage doors</b>				
102522-02		Service/storage space hatches and garage door/hatch with central locking (Dependency: ABH14150, ABH13912)	2	o	o	o
		<b>Rear</b>				
100526-14		Garage door 80 x 80 cm, right	4	s	-	-
100526-15		Garage door 80 x 110 cm, left	6	-	o	o

## KNAUS SKY WAVE – Features and options

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MF	650 MEG	700 MEG
<b>Windows / Roof Hoods / Ventilation</b>						
101820		Frame window SEITZ S7 (Dependency: ABH14152)	-	o	o	o
<b>Front</b>						
101721		Hinged window in roof hood, with insect screen and blackout (bow)	10	o	o	o
<b>Toilet Room</b>						
102920-03		Mushroom fan (toilet room)	-	-	s	-
100960-04		Roof hood 28 x 28 cm with insect screen, (toilet room)	2	-	-	s
<b>Materials / Vehicle Graphics</b>						
<b>Materials</b>						
102216		TVT body construction	-	o	o	o
<b>Living / Sleeping / Upholstery and Fabrics</b>						
<b>Living</b>						
551770		L-shaped seating group with telescopic single-column lifting table (Dependency: ABH14304)	8	o	o	o
552247		ISOFIX system (2 child seats)	5	o	o	o
552327		Safe	6	o	o	-
<b>Sleeping</b>						
552574		EvoPore HRC mattress incl. WaterGEL topper, fixed beds only	6	o	o	o
551234		Bed extension in foot area, layouts with F-bed	2	o	-	-
551796		Bed extension to a double bed	2	-	o	o
552428	217001	Fabric blinds with bags in the bed area	1	o	o	o
552369		Fitted sheet set, precisely fitting for the mattress shape - for 2 beds (fixed beds)	1	o	o	o
<b>Upholstery / Fabrics / Carpets</b>						
<b>Upholstery Variants</b>						
552335-02		Upholstery selection: INDIAN SUMMER	-	o	o	o
552335-03		Upholstery selection: BLUE MARINE	-	o	o	o
552188-02		Upholstery selection: ACTIVE ROYAL	-	o	o	o
552188-04		Upholstery selection: ACTIVE ROCK	-	o	o	o
550783-01		Upholstery selection: CREAM NATURE (genuine leather)	-	o	o	o
<b>COZY HOME Package consisting of: 2 decorative pillows, 2 sleeping pillows, 2 blankets, table runner</b>						
550660-06		COZY HOME Package, colour selection PEACH	3	o	o	o
550660-02		COZY HOME Package, colour selection STONE	3	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MF	650 MEG	700 MEG
550660-03		COZY HOME Package, colour selection AVOCADO	3	o	o	o
550660-04		COZY HOME Package, colour selection AQUA	3	o	o	o
550660-05		COZY HOME Package, colour selection MAGNOLIA	3	o	o	o
550660-01		COZY HOME Package, colour selection EARTH	3	o	o	o
<b>Carpets</b>						
201074		Floor mat set in driver's cab in KNAUS design	2	o	o	o
550235		Carpet floor in living area	6	o	o	o
<b>Kitchen / Bathroom</b>						
<b>Kitchen</b>						
402806		Refrigerator 133 ltr.	-	s	-	-
400369-01		Gas oven incl. grill function (installation location in the kitchen block)	13	o	o	o
<b>Bathroom Area</b>						
451777		Wooden grate for shower tray	2	o	-	o
453505-14		3D separate bathroom with separate shower	-	-	-	s
453503-03		Cassette toilet DOMETIC swivelling	-	-	-	s
<b>Heating / Air conditioning / Gas Supply / Water Supply</b>						
<b>Gas Supply</b>						
102675		Gas bottle pull-out for max. 2 x 11 kg gas bottles	13	-	o	o
301057		Remote display DuoC (Ice Ex integrated) (Dependency: ABH14272)	-	o	o	o
301956		TRUMA MonoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o
301957		TRUMA DuoControl CS (incl. gas filter) (Dependency: ABH13928)	1	o	o	o
302499		TRUMA LevelControl (for 1 steel gas bottle) (Dependency: ABH13930)	-	o	o	o
551327		Smoke detector	-	o	o	o
302494		Gas detector	-	o	o	o
300518		External gas socket	1	o	o	o
<b>Heating / Air conditioning</b>						
351274		Heating TRUMA Combi E (Dependency: ABH14158)	1	o	o	o
550566-01		ALDE hot water heating incl. booster (Dependency: ABH14234, Note: H160)	41	o	o	o
550825		Electric underfloor heating	8	o	o	o
352966	550566-01	Heating control panel ALDE LCD (Dependency: ABH14040)	-	o	o	o

Item no.	in package/ option	Description: o = option   – = not available   s = standard equipment	KG	650 MF	650 MEG	700 MEG
252815	114580	velocate® LIFETIME license with unlimited, personal, EU-wide tracking (Dependency: ABH13976)	-	o	o	o
253809	114580	velocate® sensors (gas, temperature, motion) (Dependency: ABH13978)	-	o	o	o
		<b>Awning / Awning Accessories</b>				
		<b>Awning THULE OMNISTOR</b>				
501333		Awning 405 x 250 cm, white	31	o	o	o
		<b>Miscellaneous</b>				
951036		MOT and registration document	-	o	o	o
		<b>Accessories</b>				
952823	217001	MediKit voucher (Note: H137)	-	o	o	o
953757-01	217001	silwyREADY	-	o	o	o

[illegible]

## General notes

H722	Max. 6.000 kg total traction weight
H141	Please note that the number of beds indicated may include beds for both adults and children. The beds do not have the same dimensions. We therefore recommend that you consult your KNAUS dealer about the dimensions of the beds provided in the vehicle so that you can decide whether they are suitable for the occupancy (adults/children) you intend to have.
H142	For some models, additional equipment must be selected in order to achieve the maximum possible beds. Your KNAUS dealer will be happy to advise you.
H711B	The fresh water tank capacity referred to schedule V, part A, no. 2.6. footnote (h) VO (EU) 1230/2012 is limited by a overflow valve to 40 ltr. (suggested filling for running order)
H712G	The fresh water tank capacity is 180 ltr. with the overflow valve closed.
H150	This option must be filled in once in the vehicle documents when the vehicle is first registered. The certificate required for the registration is supplied with the vehicle documents. Please contact your KNAUS dealer for more information before ordering.
H147	Maximum loadability 250 kg
H160	Depending on the layout, one or more boosters are included to increase the heat output
H145	If this option is selected, the vehicle height increases by approx. 11 cm
H146	In addition, the hardware is prepared to be expanded via optional sensors (e.g. door/window contact). For more information, please visit <a href="http://www.velocate.com">www.velocate.com</a>
H137	A voucher to redeem the medicine set is enclosed with the vehicle. The medicine set contains medicines that must be purchased from a pharmacy. The voucher can therefore only be redeemed at the responsible MediKit mail-order pharmacy at <a href="http://www.medikit.shop">www.medikit.shop</a> . You can also obtain further information about your MediKit at <a href="http://www.medikit.shop">www.medikit.shop</a> .
H02	Info: Please note that if you do not order the FIAT package, the delivery time of the vehicle will be extended considerably.
H712C	The fresh water tank capacity is 100 ltr. with the overflow valve closed.
H711	The fresh water tank capacity referred to schedule V, part A, no. 2.6. footnote (h) VO (EU) 1230/2012 is limited by a overflow valve to 10 ltr. (suggested filling for running order)
H161	Available only with Styling Package
H157	Please note that mounting the bicycle carrier on the rear wall limits the field of view of the reversing camera.
H149	If ALDE hot water heating is selected, panel is replaced by ALDE LCD control panel.
H05	Info: Please note that if you do not order the MAN package, the delivery time of the vehicle will be extended by 3-6 months.
H712B	The fresh water tank capacity is 95 ltr. with the overflow valve closed.
H129	Incl. emergency brake assistant for automatic transmission (for distance-controlled cruise control ACC up to 160km/h)

## General dependencies

ABH13876	Not possible in combination with 252442-01
ABH13878	Not possible in combination with 200393 and 202330
ABH13880	Not possible in combination with 202330
ABH13882	Not possible in combination with 200393
ABH13884	Only in combination with 202132
ABH13886	Only in combination with 212561-01
ABH13888	Replaces 200868
ABH13892	Includes 203808
ABH13893	Replaces 201815 and 212561-01 and 200868
ABH13896	Replaces 201026 and 212561-01
ABH13898	Not possible in combination with 102522-01
ABH13900	Only in combination with 203726 and 201686
ABH13904	Only in combination with 203728 or 252143
ABH13906	Only in combination with 252143
ABH13908	Not possible in combination with 452356
ABH13912	Not possible in combination with 202227
ABH13914	Not possible in combination with 552540-01 or 552964-24
ABH13916	Not possible in combination with 352287
ABH13918	Includes 953554 and 953555
ABH13921	Replaces 453503-01 or 453503-03
ABH13922	Not possible in combination with 102331
ABH13924	Only in combination with 100526-21
ABH13926	Only in combination with 301957
ABH13928	Replaces 302978 and 302979 and 302980 and 302981
ABH13930	Only in combination with 352380
ABH13932	Includes 351945
ABH13935	Replaces 102619-02
ABH13936	Not possible in combination with 913917
ABH13939	Replaces 102619-03
ABH13940	Not possible in combination with 101944
ABH13942	Only in combination with 250201-01 and 250201-02
ABH13945	Replaces 253749-01 and 251757
ABH13946	Not possible in combination with 253748-04 and 253748-03 and 250201-01 and 253748-02 and 253748-03 and 913921 and 250201-02 and 913929
ABH13949	Replaces 251757 and 253749-01 and 252434
ABH13950	Not possible in combination with 252434 and 913915 and 253748-04 and 253748-03 and 250201-01 and 250201-02 and 253748-02 and 253748-03 and 913930
ABH13953	Only in combination with FR0363332*, FR0363339*, 253761 or 252434
ABH13954	Not possible in combination with 253749-01
ABH13956	Not possible in combination with 253782

## General dependencies

ABH13958	Not possible in combination with 253802	ABH14074	Only in combination with 252405	ABH14212	Not possible in combination with 221008
ABH13960	Only in combination with 253569	ABH14077	Includes 252405	ABH14216	Replaces 201789
ABH13963	Only in combination with 252283	ABH14078	Not possible in combination with 252824-01 or 252825-01	ABH14218	Not possible in combination with 102514 or 102515 or 102735-01
ABH13964	Not possible in combination with 252284	ABH14080	Only in combination with 252479	ABH14220	Not possible in combination with 551711
ABH13966	Only in combination with 252284 or 252581-01 or 252627-01	ABH14082	Only in combination with 225110-02	ABH14222	Replaces 100526-16
ABH13968	Only in combination with 252480	ABH14084	Includes 222859	ABH14226	Includes 402417
ABH13971	Only in combination with 210089	ABH14086	Only in combination with 232660-02	ABH14229	Only in combination with 402732
ABH13972	Not possible in combination with 552362	ABH14090	Includes 222645	ABH14230	Not possible in combination with 400369-01
ABH13974	Only in combination with 252733	ABH14091	Only in combination with 225010	ABH14232	Not possible in combination with 400369
ABH13976	Only in combination with 252698	ABH14092	Not possible in combination with 232845	ABH14234	Includes 352966 and 351945
ABH13978	Only in combination with 252698 and 252815	ABH14094	Only in combination with 222629 or 233602	ABH14236	Not possible in combination with 102619-02 and 913916
ABH13980	Only in combination with 501272	ABH14096	Replaces 202887	ABH14244	Not possible in combination with 201781-01 or 201781-02 or 201869-01 or 201869-02
ABH13982	Not possible in combination with 253568-01	ABH14098	Not possible in combination with 552768-01	ABH14251	Replaces 100526-33
ABH13984	Not possible in combination with 230020	ABH14100	Only in combination with 222648 or 233602	ABH14252	Only in combination with 552473
ABH13990	Not possible in combination with 201781-01 or 201781-02	ABH14104	Only in combination with 222645	ABH14254	Not possible in combination with 552473
ABH14000	Not possible in combination with 202060	ABH14107	Only in combination with 222642	ABH14257	Replaces FR1549377*:100526-16
ABH14002	Not possible in combination with 202766	ABH14108	Not possible in combination with 233602	ABH14258	Only in combination with FR1549377*:551711
ABH14004	Only in combination with 203718	ABH14110	Not possible in combination with 222629	ABH14260	Replaces 100526-30
ABH14006	Only in combination with 202139	ABH14112	Only in combination with 102273	ABH14262	Not possible in combination with FR1544399*:252825-01
ABH14008	Only in combination with 152828 or 202132	ABH14114	Not possible in combination with 102514 or 102515	ABH14264	Not possible in combination with FR1544345* and FR1544399* and FR1549377* and FR1548399*:252825-01 and 913916
ABH14010	Only in combination with 212561-01 and 202132	ABH14116	Replaces 252825-01	ABH14266	Not possible in combination with 230023 or 230025-01
ABH14013	Replaces 202200 or 200868	ABH14118	Includes 352966 and 351945-01	ABH14270	Includes 251925
ABH14014	Only in combination with 210010	ABH14128	Not possible in combination with 252582-01	ABH14272	Only in combination with 301957 or 302465
ABH14018	Not possible in combination with 210051 or 210052 or 210030	ABH14130	Not possible in combination with 225110	ABH14274	Only in combination with 550566-01
ABH14021	Includes 203808	ABH14134	Not possible in combination with 201781-05 or 232769	ABH14276	Replaces 253526-02
ABH14024	Includes 202137	ABH14136	Not possible in combination with FR0946236*:100237	ABH14278	Not possible in combination with 230008
ABH14027	Includes 102273	ABH14147	Only in combination with 201781-05 or 232769	ABH14284	Not possible in combination with 222005
ABH14028	Not possible in combination with 102735-01	ABH14148	Not possible in combination with FR0946236*:200394 and 102514 or 102515	ABH14288	Not possible in combination with 230020 or 230025-02
ABH14030	Not possible in combination with 100237	ABH14150	Only in combination with 102610 or 102576	ABH14297	Replaces 201815 and 212561-01 and 202200 and 200868
ABH14036	Not possible in combination with 102514 or 102515 or 102735-01	ABH14152	Replaces 102923-04	ABH14302	Not possible in combination with 102522-02
ABH14038	Only in combination with 102610	ABH14156	Not possible in combination with FR0942277*:252627-01	ABH14304	Replaces 552198
ABH14040	Only in combination with 550566-01 or 352533-01	ABH14158	Only in combination with 351166	ABH17575	Only in combination with 225050-01 or 225053-01
ABH14043	Replaces FR0544377*, FR0549377*:100526-16	ABH14162	Only in combination with 252405 or 252283	ABH17716	Only in combination with 102839
ABH14044	Only in combination with FR0544377*, FR0549377*:551711	ABH14164	Not possible in combination with 252581-01 or 252627-01	ABH17718	Not possible in combination with 201781-02 or 232769
ABH14047	Replaces 100526-15	ABH14166	Not possible in combination with 230025 or 230023	ABH18941	Only in combination with 200318:202711
ABH14048	Only in combination with 551711	ABH14174	Not possible in combination with 102522-03	ABH18944	Only in combination with FR0544345*, FR0544377*:202711 and FR0549377*:200318:202711
ABH14050	Not possible in combination with 552052 or 913916	ABH14176	Not possible in combination with 100237 or 102735-01	ABH18945	Not possible in combination with FR0549377*:200318:202826
ABH14052	Includes 552198 or 552198-02	ABH14178	Not possible in combination with 252825-01	ABH18948	Only in combination with FR0549377*:203587 and 200318:202711
ABH14054	Includes 100526-14	ABH14184	Not possible in combination with 230006 or 230009	ABH18949	Not possible in combination with 201781-01 or 201781-02 and 200318:202826
ABH14056	Only in combination with 551770	ABH14196	Not possible in combination with 201781-01 or 201781-02 or 201869-01 or 201869-02 or 202320		
ABH14058	Only in combination with 352971 or 351166	ABH14198	Only in combination with 210011		
ABH14060	Includes 352966 and 351945 and 252578	ABH14202	Not possible in combination with 221006		
ABH14064	Not possible in combination with 913916	ABH14210	Replaces 201026 and 212561-01 and 200868		
ABH14066	Replaces 253749				



## General dependencies

ABH18951	Only in combination with 202711
ABH18954	Only in combination with FR1244377*:202711 and FR1249377*:200318:202711
ABH18955	Not possible in combination with FR1249377*:200318:202826
ABH18958	Only in combination with FR1249377*:203587 and FR1244377*:202711 and FR1249377*:200318:202711
ABH18959	Not possible in combination with 201781-01 or 201781-02 and FR1249377*:200318:202826
ABH18962	Only in combination with FR1260377*:200318:202711
ABH18963	Not possible in combination with FR1260377*:200318:202826
ABH18966	Only in combination with FR1544387*, FR1544345*, FR1544399*:202711 and FR1549377*, FR1548399*:200318:202711
ABH18967	Not possible in combination with FR1549377*, FR1548399*:200318:202826
ABH18969	Only in combination with FR1549377*, FR1548399*:203587 and 200318:202711
ABH18977	Not possible in combination with FR1834245*:200318
ABH18980	Only in combination with FR2144345*, FR2144377*:202711 and FR2149377*:200318:202711
ABH18981	Not possible in combination with FR2149377*:200318:202826
ABH18983	Only in combination with 200318:202711 and FR2149377*:203587
ABH19587	Includes NEUBEREIFUNGMAN1
ABH19854	Only in combination with 223001
ABH19856	Only in combination with 233602 and 222645
ABH20383	Includes 552198
ABH21911	Not possible in combination with 552768-02
ABH22106	Only in combination with 224030
ABH22108	Includes 224039
ABH22110	Only in combination with 224037
ABH22112	Only in combination with 224070 or 224071
ABH22114	Not possible in combination with 224035
ABH22117	Only in combination with 224072
ABH22118	Not possible in combination with 224070
ABH23015	Only in combination with 203130
ABH23017	Only in combination with 203130-01
ABH23019	Only in combination with 203001-99 or 203004-99 or 203004
ABH23021	Only in combination with 203084-99
ABH23023	Only in combination with 203007-99 or 203104-99 or 203129
ABH23025	Only in combination with 203082-99 or 203084-99 or 203128 or 203129
ABH23027	Only in combination with 210051 or 210052 or 210030 and 203082-99 or 203084-99 or 203128 or 203129
ABH23029	Only in combination with 203728 or 252143 or 253758

ABH23031	Not possible in combination with 250201 and 913913-01 and 250201-01 and 253748-05
ABH23034	Only in combination with 253747-01 or 913913-01 or 253748-05 or 913914-03
ABH23035	Not possible in combination with 250201 and 253747-01 and 250201-01
ABH23037	Not possible in combination with 250201 and 251757 and 913913-01 and 250201-01 and 253748-05
ABH23039	Not possible in combination with 250201 and 251757 and 913914-01 and 250201-01
ABH23041	Not possible in combination with 253747-01 or 253748-01 or 253749 or 913913-01 or 913914-01 or 253748-05 or 913914-03
ABH23043	Not possible in combination with 250201 and 251757 and 913913-01 and 253748-05 and 250201-01
ABH23045	Not possible in combination with 203082-99 or 203115-99 or 203128 or 203136
ABH23047	Only in combination with 203082-99 or 203115-99 or 203128 or 203136
ABH23053	Only in combination with 203001-99 or 203004-99 or 203082-99 or 203128
ABH23055	Only in combination with 203082-99 or 203128 or 203129
ABH23057	Only in combination with 221006 and 203082-99 or 203128 or 203129
ABH23059	Only in combination with 203128
ABH23061	Not possible in combination with 250201 and 913914-01 and 250201-01
ABH23063	Not possible in combination with 253748-01 or 253747-01 or 250201 or 913913-01 or 913914-01
ABH23065	Only in combination with 203001-99 or 203004-99 or 203004 or 203082-99
ABH23067	Only in combination with 210051 or 210052 and 203082-99 or 203084-99 or 203128 or 203129
ABH23070	Only in combination with FR1644377*, FR1644345*:202711 and FR1649377*:200318:202711
ABH23071	Not possible in combination with FR1649377*:200318:202826
ABH23073	Only in combination with FR1649377*:203587 and 200318:202711
ABH23075	Only in combination with 203001-99 or 203004-99 or 203101-99
ABH23077	Only in combination with 203001-99 or 203004-99 or 203101-99 or 203082-99
ABH23079	Only in combination with 222005
ABH23081	Includes 352966
ABH23083	Only in combination with 203084-99 or 203115-98
ABH23085	Only in combination with 203007-99 or 203104-99 or 203129 or 203137

ABH23087	Only in combination with 203001-99 or 203004-99 or 203101-99 or 203082-99 or 203128
ABH23089	Only in combination with FR2149377*:201781-01 or 201781-02 or 201869-01 or 203007-99 or 203082-99 or 203084-99 or 203115-98 or 203128 or 203137 or 203129
ABH23093	Only in combination with 210051 or 210052 or 210030 and 203082-99 or 203084-99 or 203128 or 203129 or 203137
ABH23842	Not possible in combination with 253747-01 or 253748-01 or 253749 or 913913-01 or 253748-05 or 913914-01 or 913914-03
ABH29834	Only in combination with 203007-99 or 203104-99 or 203102-99 or 203129 or 203007
ABH29836	Includes 224153
ABH29838	Only in combination with 224141 or NEUT61VW5
ABH29841	Includes 224154
ABH29842	Replaces 212561
ABH29844	Includes 224176
ABH29846	Only in combination with 224133
ABH29848	Only in combination with 224142
ABH29850	Only in combination with 224140
ABH29852	Only in combination with 224134
ABH29854	Only in combination with 224147
ABH29857	Includes 224152
ABH29858	Only in combination with 224058
ABH29860	Replaces 224070-01
ABH29862	Only in combination with 224148
ABH30023	Only in combination with 224148 and 224167 and 224134
ABH30111	Only in combination with 203004 or 203004-99 or 203001-99
ABH30113	Only in combination with 203082-99 or 203084-99 or 203128 or 203129 or 203137 or 203004-99 or 203101-99
ABH30177	Only in combination with 351166 or 354173
ABH30362	Only in combination with 100526-33



**FOR LEISURE VEHICLES MADE BY KNAUS, AS PART OF THE GUARANTEE CONDITIONS WHICH APPLY UPON HANDOVER OF THE VEHICLE AND IN ADDITION TO YOUR STATUTORY WARRANTY, WE PROVIDE A 10-YEAR NO-LEAK GUARANTEE ON THE VEHICLE BODY MANUFACTURED BY US.**

**PLEASE NOTE THE FOLLOWING IMPORTANT INFORMATION FOR ALL KNAUS LEISURE VEHICLES:**

**ABOUT THIS PRICE LIST:**

The contents correspond to the status of printing in 07/2022.

The price list is valid as from 08/2022 for the 2023 model year. Previous price lists, brochure information and technical data are no longer valid in regards to the vehicles offered. Errors and misprints excepted.

**ABOUT TECHNICAL SPECIFICATIONS AND ILLUSTRATIONS:**

All measurements and weights are subject to change within possible tolerances of  $\pm 5\%$  due to the use of natural raw materials.

We advise you to have any additions, alterations or installations carried out exclusively by authorised KNAUS dealers and to insist on original KNAUS parts in order to ensure your safety and to ensure that the type approval of your vehicle is not put in jeopardy. Any retrofitting of alterations or installations, in so far as they are technically feasible, shall incur a cost. Certain combinations of custom requests may be impossible in certain cases. We reserve the right to make changes to construction, colour and fittings in so far as these provide a technical advance, are reasonable and/or serve the purpose of safety. Information on the product delivered, dimensions, mass and appearance, correspond to our understanding at the time of printing (07/2022). We reserve the right to make changes to fittings, technical data, series equipment and prices. Please make every effort to be fully informed about these matters by your authorised KNAUS dealer before making your purchase.

After a contract has been concluded, we reserve the right to make technical changes within the framework of the construction insofar as they serve technical progress and are acceptable for the customer. Minor colour and texture deviations are also reserved – even after conclusion of the contract – insofar as these cannot be avoided due to the material structure (e.g. colour deviations of up to approx. 2.0 dE between paint on sheet metal and paint on GRP/plastic) and are reasonable for the customer. Some of the illustrations show equipment features that are not included in the standard equipment and that can be ordered for an additional charge (optional equipment) as well as some equipment features of

prototypes/studies that do not correspond to the standard equipment and therefore cannot be ordered as optional equipment. Slight colour deviations of the illustrations in the brochure from the actual vehicle cannot be completely excluded for printing reasons. Therefore, before purchasing a vehicle, please seek comprehensive advice on the current status of the series from an authorised KNAUS dealer. The decoration shown in the catalogue is not part of the equipment supplied.

**ABOUT WEIGHTS, CALCULATION EXAMPLES AND NORMS**

The water supply system corresponds at least to the state of the art 03/2009 (regulation 2002/72/EC). The fresh water tank capacity referred to attachment V, part A, no. 2.6. Fn. VO (EU) 1230/2012 depending on vehicle type is limited by a circulation valve to 10, 20 or 40 ltr. (suggested filling for running order). KNAUS leisure vehicles are characterised by their technical progress. With the help of innovative solutions such as the use of high-strength steels for the chassis or intelligent honeycomb technology in furniture construction, low tare weights of KNAUS leisure vehicles are achieved. The mass of the empty vehicle within the meaning of this price list is the mass of the vehicle with standard equipment and without basic equipment, i.e. without the mass of the driver and without „liquids“, as well as without additional equipment within the meaning of Art. 2, no. 3 VO (EU) 1230/2012. The mass in running order as referred to in Art. 2, no. 4 a) VO (EU) 1230/2012 is, unless otherwise regulated, defined as:  
Mass of the vehicle with standard equipment as specified by the manufacturer (incl. bord tools)  
+ Fuel tank 90% filled  
+ 75 kg (weight of the driver)  
+ Alu liquid gas bottle (5kg/11 kg) 100% filled (18/23 kg total mass)  
+ Fresh water tank (100% filled) (filling capacity depending on vehicle model limited to 10 ltr.\*\*/20 ltr.\*\*/ 40 ltr.\*\* fresh water in running order, if technically intended)  
+ Toilet flush tank (100 % filled)  
+ Fresh water heater (100% filled)  
= Mass in running order  
The technically permissible total mass according

to Art. 2, no. 7 VO (EU) 1230/2012 is defined as:

The maximum mass of the vehicle as stated by the manufacturer when loaded, i.e. the maximum permissible mass of the vehicle in running order with optional equipment and load (passengers, luggage, etc.).

The maximum load capacity as referred to in the KNAUS catalogue is defined as:  
Technically permissible maximum mass  
– mass in running order  
= maximum load capacity

**Example:**

(Technically permissible maximum mass) 3.500 kg  
– (mass in running order) 2.850 kg  
= (Maximum load capacity) 650 kg  
The information provided for a vehicle under the heading „Technical Data / Equipment Details“ initially refers to the basic type of model approved under the EC type-approval procedure. Within the scope of country variants and special models, these values may differ if necessary. Please inform yourself about such deviations personally at your KNAUS specialist dealer. Please note that the maximum load capacity as specified in the catalogue is reduced, for example, by the mass of the passengers and also by the mass of any additional equipment ordered. When selecting additional equipment, you are responsible for ensuring that, after deducting the mass of the passengers (estimated at 75 kg per passenger) and the mass of the additional equipment from the maximum loading option, your KNAUS motorhome/CUV still has a minimum loading option (= minimum payload) which must not be undercut under any circumstances (see Annex I, Part A, no. 2.6.4.1.2 of VO (EU) 1230/2012):  
Example calculation of the minimum payload:  
(Maximum number of authorised passengers plus driver  
+ Total length of the vehicle in m)  
 $\times 10$   
= Minimum load capacity in kg  
[(Maximum number of authorised passengers plus driver) 4  
+ (Total length of the vehicle in m) 6]  
 $\times 10$   
= 100 kg  
As a customer of KNAUS leisure vehicles, you are required to ensure that the leisure vehicle configured by you still complies with the minimum pay-mass once your selected additional options have been taken

into account. If this should not be the case because of additional options requested by you, then you have two options to choose from when placing your order:

- increase the pay-mass of the vehicle
- deselect additional options

For certain motorhome / CUV models by KNAUS, you have the option of reducing the number of permitted seats in running order when ordering the vehicle (depending on the model and only on demand). Reducing the number of permitted seats in running order by one seat increases the load capacity or the possibility of ordering additional equipment for your leisure vehicle by a maximum of 85 kg. Your KNAUS dealer will inform you at any time about the remaining minimum payload of your vehicle. The mass of the vehicle with standard equipment as specified by the manufacturer is determined by weighing a vehicle with standard equipment. As a user of a motorhome/CUV, you are obliged not to exceed the „technically permissible maximum mass“ when driving and to ensure compliance with the permissible axle loads by distributing the load evenly in the vehicle. You are also obliged to comply with all other regulations necessary for the safe operation of your vehicle.

**SPECIFICATIONS AND INFORMATION ABOUT PRICES**

If you order options that replace components from the packages, these package components are not additionally supplied. The prices indicated are recommended retail prices of the manufacturer. The prices indicated include the statutory value added tax (and, if applicable, other legally prescribed calculation factors or taxes, which may also be shown separately). The prices are (depending on the country) exclusive of the costs for registration documents, delivery and transport, unless expressly stated otherwise. Please consult your KNAUS dealer for further details. The suggested retail prices for the optional extras apply exclusively to options built into new vehicles in the production run at the factory. Also bear in mind that retrofitting is not possible for all optional extras offered. The suggested retail prices given for individual equipment packages are not affected by the selection or deselection of additional options.

## This image shows a full page of blank, lined paper. It features approximately 20 horizontal blue or grey lines spaced evenly apart, typical of notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings on the page.



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