

# The unique Carthago lightweight construction technology

Down with the weight, up with the comfort and quality – also in the 3.5 t weight class!



c-compactline Super-Lightweight  
c-tourer Lightweight

**carthago**<sup>®</sup>  
Das Reisemobil.



# Everyone is talking about reducing weight. We combine lightweight construction with Premium quality.

Lightweight construction is not necessarily lightweight, since anyone can take things away. Intelligent lightweight construction without having to forego comfort and quality is the only true standard – the Carthago standard.

Innovative thinking, an eye for detail, extraordinary solutions and the processing thereof for a high degree of practical benefit: the perfect combination of high-tech lightweight construction materials, intelligent processing and pioneering spirit. These are the ingredients for our unique overall vehicle concept. They are deeply rooted in our Carthago Premium DNA, which is our value promise to you, and is the epitome of that which turns every single Carthago motorhome into something special.

Discover the pioneering spirit that is behind the unique and unmistakable Carthago lightweight construction technology. Gramme for gramme, kilo for kilo. Discover for yourself that premium quality doesn't necessarily mean additional weight. It's worth it – we promise!

**Karl-Heinz Schuler**

Founder, owner and foundation chairman of the Karl-Heinz Schuler family foundation

# c-compactline Super-Lightweight



The lightest motorhome in the A class 3.5 t Premium class, suitable for remote areas thanks to the 15 cm narrower exterior width and compact vehicle lengths



Model: c-compactline I 138 DB

## Reference weight calculation:

<b>Weight in driveable condition</b> incl. driver	<b>2,825 kg</b>
Basic-Plus package** With e.g. automatic air conditioning and Midi-Heki skylight	+ 54 kg
Media package** additional satellite system and 4 m awning	+ 81 kg
<b>Total weight ready to go</b>	<b>2,960 kg</b>
<b>Possible driven payload</b>	<b>540 kg</b>
<b>1 passenger incl. luggage</b> (75 kg + 10 kg + 70 kg = 155 kg)	<b>155 kg</b>
<b>Possible additional payload</b> with 2 passengers	<b>385 kg</b>

<b>Example packing list</b> with 1 driver + 1 passenger	
1 x table + 4 camping chairs	25 kg
1 x barbecue	5 kg
2 x E-bikes	40 kg
1 x toolbox	10 kg
1 x spare gas bottle	15 kg
<b>Total</b>	<b>95 kg</b>
<b>Remaining additional payload</b> (= 385 kg payload – 95 kg packing list)	<b>290 kg</b>

**For you and your passengers, that means a remaining payload of 290 kg for your individual luggage!**

\* Also available as heavy variant with permissible gross vehicle weight of up to 4.25 t by request.

\*\* For detailed information, see the 2022 A-Class price list

Weight information is approximate. Weight deviations of up to 5% are possible and permitted.

# Practical equipment.

## A matter of course as far as we are concerned.

Also in our lightweight models! Make comparisons and experience which vehicle provides which payload reserves with practical equipment. Because standard equipment and trip-related additional equipment must be taken into consideration in order to carry out an exact weight calculation. There are no surprises with Carthago, since comprehensive standard equipment is a matter of course as far as we are concerned!



Premium main body construction with aluminium support struts bonded over the entire surface and roof rounding



High-stability ceiling/wall structure thanks to aluminium/aluminium sandwich and RTM hard foam insulation



Double floor, fully heated, with underfloor heating effect



Double floor with huge, heated storage compartment, scooter garage with interior height of up to 1.20 m, loadable up to 350 kg



Continuous single-level living area floor, large L-shaped lounge seating area for up to 5 persons



133 l Slimtower refrigerator or 153 l refrigerator at hand height with door that opens at both sides



Vario, combined or luxury washroom with separate round shower and changing room



Biggest sleeping dimensions in its class: Fixed beds with quality 7-zone cold foam mattress and sprung slatted frame



# Real Liner in the 3.5 t weight class.

## Thanks to Carthago lightweight construction technology.

Carthago provides you with several weight references for every motorhome:

- 1. Weight in driveable condition** in accordance with the DIN EN 1646-2 standard (including standard equipment)
- 2. Reference weight:** Motorhome in factory condition with recommended, practical additional equipment

### Calculation in accordance with the DIN EN 1646-2 standard for weight in driveable condition



Vehicle weight with standard equipment



+ 75 kg for driver



+ 10 kg for personal luggage



+ 90 % full diesel tank



+ 20 l filled fresh water tank\*



+ 1 x 11 kg aluminium gas bottle



+ Cable reel/connecting cable for power



+ 10 kg additional equipment per meter length of the motorhome

### Calculation for passengers



75 kg weight per person



+ 10 kg for personal luggage

### Example calculation

**7 m long motorhome plus 1 passenger**

75 kg + 10 kg + 70 kg = 155 kg

**7 m long motorhome plus 3 passengers**

3 x 75 kg + 3 x 10 kg + 70 kg = 325 kg

# c-tourer Lightweight



The sophisticated all-rounder  
– Lightweight models,  
practical for requirements  
in the 3.5 t weight class!



Model: c-tourer I 141 LE\*

## Reference weight calculation:

<b>Weight in driveable condition</b> incl. driver	<b>2,955 kg</b>
Basic-Plus package** With e.g. automatic air conditioning and Midi-Heki skylight	+ 56 kg
Media package** additional satellite system and 4 m awning	+ 85 kg
<b>Total weight ready to go</b>	<b>3,096 kg</b>
<b>Possible driven payload</b>	<b>404 kg</b>
<b>1 passenger incl. luggage</b> (75 kg + 10 kg + 70 kg = 155 kg)	<b>155 kg</b>
<b>Possible additional payload</b> incl. driver + 1 passenger	<b>249 kg</b>

\* Also available as heavy variant with permissible gross vehicle weight of up to 4.25 t by request.

\*\* For detailed information, see the 2022 A-Class price list

## Example packing list

with 1 driver + 1 passenger

1 x table + 4 camping chairs	25 kg
1 x barbecue	5 kg
2 x E-bikes	40 kg
1 x toolbox	10 kg
1 x spare gas bottle	15 kg
<b>Total</b>	<b>95 kg</b>
<b>Remaining additional payload</b> (= 249 kg payload – 95 kg packing list)	<b>154 kg</b>

**For you and your passengers, that means a remaining payload of 154 kg for your individual luggage!**

Weight information is approximate. Weight deviations of up to 5% are possible and permitted.

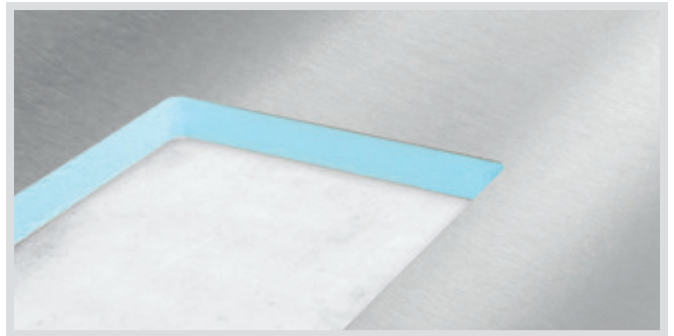
# Carthago lightweight construction technology.

Down with the weight, up with the comfort and quality.

Extremely stable and super light: the Carthago c-compactline Super-Lightweight and c-tourer Lightweight vehicles are the lightest models in their class. The consistent lightweight construction technology has many advantages, which you will benefit from during every holiday trip. By the way: For the first time, Carthago has succeeded in developing a premium motorhome in the 3.5 t weight class in a practicable way, and it has been the benchmark in the premium class ever since. Since then, we have refined our lightweight construction technology year after year, be it new materials or innovative design solutions - we are always on the lookout for ways of reducing the weight but maintaining consistently high quality.

## Your added value

- + **Class B driver's license sufficient**
- + **Additional payload** also in the 3.5 t weight class
- + **Lower fuel consumption**
- + **Fewer restrictions** because of road traffic regulations
- + **Fewer toll charges**
- + **Outstanding manoeuvrability**  
thanks to short vehicle lengths



The Carthago main body construction technology is extremely stable and lightweight. The combination of aluminium on the outside and the inside and the RTM hard foam insulating core which are typical of the brand allows Carthago to dispense with weight-intensive wall reinforcements.



Carthago weight-optimised furniture construction: the convex and rounded furniture mouldings have high stability and less weight at the same time thanks to piping technology.



In conjunction with the self-supporting main body and the AL-KO low frame, the Carthago double floor makes a particular contribution to providing maximum stability and torsional rigidity.

# Press opinions

## **c-compactline** Super-Lightweight

“These A-Class vehicles are just 2.12 metres wide and make a downright dainty impression in comparison to the competition, particularly when viewed from the rear. In spite of this, they have all of the features of a typical Carthago: heated double floor, wood-free main cabin, high-quality furniture construction and the characteristic rounding [...] Particularly in the version without the drop-down bed, the Carthago provides spaciousness and living comfort that is more reminiscent of a holiday home than a motorhome.”

**Reisemobil International 01/2021, test drive of c-compactline Super-Lightweight I 141 LE**

## **c-tourer** Lightweight

“At a mere 3.5 tonnes, the c-tourer weighs the same as a compact motorhome, but the German specialist also provides premium quality. [...] The c-tourer is the top model with regard to comfort: double floor for perfect insulation, skylight which brightens up the passenger area after a long day of sightseeing, and a state of the art washroom with the promise of relaxation and recovery.”

**Autonews Loisurs online 03/2020, c-tourer I introduction**