

Caravan technology





Cara-Move II – fully automatic caravan shunting system

- Automatic engagement drive
- Move the caravan effortlessly up to 2250 kg
- Lightweight due to plastic cover
- Easy and stress-free maneuvering with the Smart Handset
- Suitable for single and double axle caravans with two axles 4 motors are required for all-wheel drive (2x 920209)

With the automatic maneuvering system you move your caravan effortlessly up to 2250 kg. Smart remote control allows easy and stress-free maneuvering. Suitable for single and double axle caravans.

Smart Handset & Control System

Simple and intuitive operation. Precise maneuvering due to the unique roller-ball design. Variable speed control and 360 ° fluid movement, So you really effortlessly control your caravan.

Speed: 12 cm/sec, Operating voltage: 12 V DC Weight (2 motors): 23 kg,

Combined weight (incl. installation kit etc.): ca. 34 kg

Max. Climbing capacity by total weight: 15% - 2500 kg, 20% - 2250 kg, 25% - 2000 kg.

Scope of delivery: 2 motors, mounting bracket, remote control, battery disconnect switch (100 A), rocker arm, mounting hardware, operating instructions

920209

1750,-



Cara-Move – powerful, semi-automatic shunting system

- Sturdy aluminum drive rollers
- Soft start precision control
- Compact, stable, reliable
- Suitable for single and double-axle caravans with two axles, 4 motors are required for all-wheel drive (2x 920208)
- Convenient control with remote control

The manual caravan maneuvering aid moves single and double axles up to a maximum total weight of 2250 kg. The rollers are swiveled on and off manually. Current consumption on level ground: ca. 25 A. Max. Current consumption (1100 kg caravan single-axle, slope 25%): 80 A, Weight: 35 kg

Max. Climbing capacity according to total weight:

15% - 2500 kg, 20% - 2250 kg, 25% - 2000 kg.

Scope of delivery: 2 motors, mounting bracket, remote control, battery disconnect switch (100 A), rocker arm, mounting hardware, operating instructions

920208

1150,-



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reddot winner 2021



Fully automatic shunting system easydriver infinity 2.5 & 3.5

- Faster, stronger and smarter
- With 30% more efficient gearbox
- Optimally sealed and protected from water
- Easy assembly in the shortest time
- With app controller also controllable via smartphone (Apple iOS or Android)
- Soft start and soft stop for smooth starting and stopping
- Best traction for safety on slopes, wet grass, mud and rough terrain
- Electric swiveling on and off (automatic)

The most powerful and lightest shunting drive developed by Reich to date is equipped with a 30% more efficient transmission and an optimized motor. The entire technology is also optimally sealed and thus protected from water. The Tyrefree concept and the largest swivel path to date allow free positioning of the roller on the tire. This ensures even easier assembly in the shortest possible time. Thanks to a clever interface to the easydriver app, the caravan reaches its destination at the touch of a button.

For single axle:

infinity 2.5

Dead weight. ca. 29 kg, climbing capacity 15% at 2500 kg, 33% at 1200 kg.

Current consumption in the plane ca. 18A

912200 2499,-

For double axles (four-wheel drive):

infinity 3.5

Dead weight. ca. 58 kg, gradeability 12% at 3500 kg, 27% at 1800 kg. Current consumption in the plane ca. 30A

912201 4599,-

easydriver App Controller for myCaravaning

- For the app control of the easydriver shunting drives, an additional app controller is required (standard for infinity)
- Multiple vehicle profiles selectable, whether caravan or motorhome
- Connection to the electronic stabilization system (ETS Plus) against rolling motion
- Software update necessary for easydriver shunting models until 2015

Whether it's checking tire pressure, difficult maneuvers, or the direction of the sun - all of this now works very simply with a swipe of the finger on the smartphone. All important steering and control functions and many other features of our vehicle and weather world within easy reach in your pocket.

easydriver App Controller

92056

128,95



Download installation and operating instructions: Scan QR code or online at: www.reich-easydriver.com/produkte/rangierhilfen/zubehoer/app-control

easydriver flashlight hazard warning lights - The caravan warning lights for safe maneuvering in the dark

- Safer maneuvering due to good visibility in the dark
- Switch on hazard warning lights and outline lighting either individually or in combination
- Power supply via existing lighting system or an external energy source (shunting aid battery)
- Easy to retrofit
- Can also be used for shunting drives with safety socket

92010

207,50



Scope of delivery: easydriver flashlight electronics box with 2 switches, wiring harness, 13-pin socket, mounting material, operating instructions

easydriver tire pressure sensors

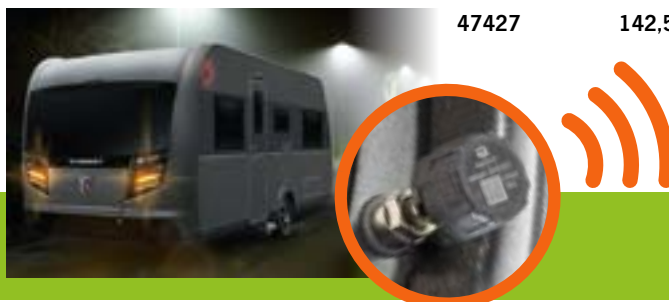
safetyre for app use -

Tire pressure monitoring for all caravans, motorhomes and trailers

- Simply place the sensors on the valve instead of the normal caps
- Package content 2 sensors (if required, 2 or 3 sets can be used simultaneously)
- Weight ca. 9.5 g per sensor
- Operating temperatures -20 °C to 85 °C
- Anti-theft device through lock nut
- Display via the free easydriver app
- Operating voltage 3 V
- Replaceable battery (battery CR 1632)
- max. tire pressure 6.3 bar
- Bluetooth 2.4 GHz

47427

142,50



easydriver
MADE BY REICH · MADE IN GERMANY

Semi-automatic shunting system easydriver basic 1.6

- Powerful drive and smallest turning circles
- Unique swing-on mechanism for best power transmission
- One radio remote control for all functions
- Best traction for safety on slopes, wet grass, mud and rough terrain
- Soft start and soft stop for smooth starting and stopping
- Can also be controlled via smartphone with easydriver App Controller (92056)

Easy maneuvering, even when things get tight. The patented technology makes it unique and so powerful. To swivel on and off, simply apply hand crank or cordless screwdriver on one side. Technical data: Single side operation manual.

Scope of delivery: Easy Basic shunting system compl. with attachments + remote control

For single axle:

basic 1.6 Dead weight. ca. 32 kg. Climbing capacity 15% at 1600 kg, 25% at 1200 kg.
Current consumption in the plane ca. 20A **912019 1199,-**


Semi-automatic maneuvering system – easydriver active 2.0, 2.5 & 2.8

- Powerful drive and smallest turning circles
- Unique swing-on mechanism for best power transmission
- One radio remote control for all functions
- Best traction for safety on slopes, wet grass, mud and rough terrain
- Soft start and soft stop for smooth starting and stopping
- Can also be controlled via smartphone with easydriver App Controller (92056)

Easy maneuvering, even when things get tight. The patented technology makes it unique and so powerful. To swivel on and off, simply apply hand crank or cordless screwdriver on one side. Technical data: Single side operation manual. Scope of delivery: Easy Active maneuvering system compl. with attachments + remote control.

For single axle:

active 2.0 Dead weight ca. 33 kg. Climbing capacity 15% at 2000 kg, 28% at 1200 kg.
Current consumption in the plane ca. 20 A **912229 1399,-**

active 2.3 Own weight ca. 35 kg. Climbing capacity 15% at 2300 kg, 30% at 1200 kg.
Current consumption in the plane ca. 25 A **912226 1699,-**

For tandem axles:

active 2.8 Own weight ca. 66 kg. Gradeability 12% at 2800 kg, 28% at 1800 kg.
Current consumption in the plane ca. 35 A **912227 2699,-**


Fully automatic shunting system easydriver pro 2.0 & 2.8

- Can also be controlled via smartphone with easydriver App Controller (92056)

The patented fully automatic technology and optimal and safe power transmission ensures effortless maneuvering of caravans and trailers. Large swivel travel and innovative roller surface for safe maneuvering. The unique swing-on mechanism with high-performance plain bearings allows easy coupling with minimal loss of ground clearance. Technical data: One side operation automatic. Scope of delivery: Easy Pro shunting system compl. with attachments + remote control

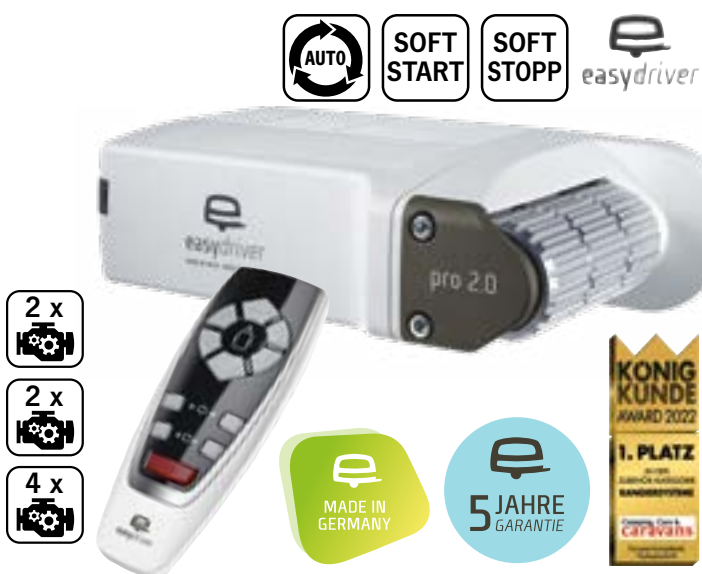
For single axle:

pro 2.0 Own weight ca. 30 kg. Climbing capacity 15% at 2000 kg, 28% at 1200 kg.
Current consumption in the plane ca. 20 A **912236 1799,-**

pro 2.0 (integrated version)
for Hobby/BPW chassis **912237 1799,-**

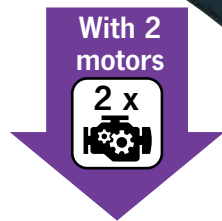
For tandem axles:

per 2.8 Own weight ca. 64 kg. Gradeability 12% at 2800 kg, 28% at 1800 kg.
Current consumption in the plane ca. 35 A **912233 3499,-**


External switch easydriver 1.8/2.0/2.3

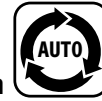
Retrofit kit on/off switch. Replaces the classic battery disconnect switch of easydriver basic, active and pro. 12 Volt

92011
99,95



Single-axle	Attachment below	Cultivation top
Installation in direction of travel	In front and behind the axis	In front and behind the axis
Weight	ca. 42 kg	ca. 32 kg
Height chassis	125 – 184 mm	> 184 mm
Maximum ground clearance	No, the cross strut adds ca. 5 cm.	Yes, with M embossing.
Max. permissible total weight	2.25 t single axle	2.25 t single axle
Max. Climbing capacity for total weight:	2.00 t: 14% 1.80 t: 16% 1.20 t: 28%	2.00 t: 15% 1.80 t: 17% 1.20 t: 28%
Quantity motors	2	2
Soft start/stop	Yes	Yes
Item no.	920933	920929
Price	3430,--	3075,--

Fully automatic – AL-KO AMS Mammut The powerful shunting system for quick assembly

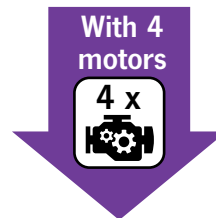


- One-hand operation via joystick
- Stepless steering and speed control
- Up to 28% gradeability
- Creates obstacles up to 4 cm high
- No TÜV registration necessary, ABE available
- Current consumption at maximum gradient: 120 A,
- Level terrain: 30 A Quiescent current maximum 5 mA
- 5 years warranty according to AL-KO warranty conditions
- Weight already from 32 kg (without battery)
- Quick mounting on new AL-KO frames (holes available)
- Soft start and soft stop
- Enabling the overrun device on the radio handheld transmitter
- The drive wheels are set electrically
- Immediate stop on the slope as soon as the joystick is released
- Rotate on the spot up to 360
- LED display in the radio handheld transmitter
- Manual emergency slewing possible
- Splash and salt water protection for motor and electronics (IP 65)
- Robust drive rollers that are gentle on tires
- CAN bus capable
- Diagnostic capability at the diagnostic interface in the vehicle

Millimeter-precise parking with the AL-KO MAMMUT maneuvering system, even over hill and dale or on steep slopes. Easy to operate with one hand and without assistance.



AL-KO chassis with the "M" embossing on the longitudinal frame (EA from MY 2010 /TA from MY. 2015) have mounting holes for the MAMMUT system as standard.




Tandem	For "standard chassis"			For "special chassis"	
Installation in direction of travel	In front and behind the axis	In front and behind the axis	In front and behind the axis	In front and behind the axis	In front and behind the axis
Weight	ca. 74 kg	ca. 67 kg	ca. 77 kg	ca. 84 kg	ca. 84 kg
Height chassis	> 184 mm	> 184 mm	125 – 184 mm	> 184 mm	125 – 184 mm
Maximum ground clearance	M chassis without step in front of the axle: In front of the axle (top mounting) and behind the axle (bottom mounting)	M chassis without step in front of the axle: In front of the axle (top mounting) and behind the axle (bottom mounting)	M chassis without step in front of the axle: In front of the axle (top mounting) and behind the axle (bottom mounting)	Other chassis or limited installation space (e.g. step in front of axle) Front and rear bottom mounting	Other chassis or limited installation space (e.g. step in front of axle) Front and rear bottom mounting
Max. permissible total weight	3.00 t tandem axle	3.00 t tandem axle	3.00 t tandem axle	3.00 t tandem axle	3.00 t tandem axle
Max. Climbing capacity for total weight	3.00 t: 15%	3.00 t: 15%	3.00 t: 15%	3.00 t: 15%	3.00 t: 15%
Quantity motors	4	4	4	4	4
Soft start/stop	Yes	Yes	Yes	Yes	Yes
Item no.	920927	920934	920935	920936	920928
Price	6013,--	5870,--	6013,--	6150,--	6156,--

Semi-automatic –

AL-KO RANGER maneuvering aid

- Quality and design at a reasonable price
- The Ranger masters obstacles up to two centimeters high and that with a maximum gradeability of 18
- AL-KO quality and design
- Optimum ground clearance
- Remote control with lanyard
- Fits almost any caravan up to 1.8 t
- Soft start and soft stop for precise and shock-free maneuvers
- Perfect and tested AL-KO chassis connection
- Protected mechanics
- LED indication on the control box and remote control in case of overload and malfunctions
- Five-year warranty according to AL-KO warranty conditions

The new maneuvering system from AL-KO for caravans up to 1.8 t steers and maneuvers your caravan exactly where you want it. Even in the tightest of spaces and on steep terrain. Accurate to the millimeter and completely without effort thanks to foolproof remote control. Even turning the caravan 360° around its own axis is possible

Single-axle	920939	1506,-	2 x 
Tandem	920940	3013,-	4 x 



from **1506,-**

Technical data	
Operating voltage:	12 Volt DC
Ø Current consumption:	20 amp
Maximum current consumption:	100 ampere
Transmit frequency remote control:	888 MHz
Speed:	ca. 9 cm per second
Weight (2 motors set):	ca. 37 kg (without battery)
Maximum total weight single-axle (2 motors):	1800 kg (1500 kg with 18% increase)
Maximum total weight tandem axle (2 motors):	1800 kg (1500 kg with 18% increase)
Max. Total weight tandem axle (4 motors):	2500 kg (1800 kg with 18% increase)
Minimum width (caravan):	1800 mm
Maxiamal width (caravan):	2500 mm
Maximum tire width:	205 mm
Power source (battery):	LiFe04: 12 V, 20 Ah Lead: 12 V, 70 Ah (min.)



IDEAL COMBINATION

(see also caravan supports)

UP4 electric support system

- Ideal combination with the AL-KO RANGER
- One remote control for both devices
- Caravan supports simply extend and adjust at the touch of a button
- Equipped with thebigfoot™ as standard

466971

1598,-

Remote control can also be used for shunting system





Mover smart M



Mover smart A



Truma Mover smart M and A

- **Universal:** fit all common frames
- **Controlled:** Start up gently, stop precisely
- **Intuitive:** maneuvering is child's play with the handy remote control
- **Powerful:** masters gradients of 13 percent

Mover smart M and A The Truma Mover smart is the new entry-level model among the maneuvering aids. It convinces with its price/performance ratio - with proven Truma quality. The movers are available in the Mover smart M and Mover smart A versions. M for manual (semi-automatic), A for automatic. While the Mover smart M can be raised and lowered by hand using a lever, the Mover smart A can be raised and lowered at the touch of a button.

Capacity: Smart A 0 to 2000 kg. Current consumption in the plane ca. 35 A, Smart M: up to 1800 kg. Current consumption in the plane ca. 28 A

Simple assembly, easy operation

The proven mounting system guarantees quick installation of the movers. It is included in the scope of delivery and allows the Mover to be mounted on all common standard L- and U-profile frames.

Mover smart M	92018	1449,-
Mover smart A	92017	1969,-



Semi-automatic - The Truma Mover SX
Always on the safe side with Truma

- **Proven quality** "Made in Germany"
- **Fast and uncomplicated service**
- **Pioneer of caravanning digitization**
- **5-year parts warranty** (air conditioning systems + movers)

Maneuvering single-axle caravans steplessly The Mover SX safely and reliably moves single-axle caravans with a total weight of up to 2,000 kilograms. Thanks to the stepless control, you maneuver your caravan jerk-free, smoothly and precisely. They also turn the caravan effortlessly around its own axis (360 °).

Advantages for your customers

Precise: Stepless steering and acceleration, precise maneuvering and coupling

Convenient: Intuitive remote control with rotary knob and slider control

Powerful: Maneuver effortlessly and safely, even on inclines of up to 13 percent

Simple: Manual swiveling on and off by lever movement from one side - without cranking at all

92020	1849,-
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Truma Mover XT / XT2 / XT4

Extremely superior: With the Mover XT, caravans can be maneuvered confidently, safely and precisely – even around corners and curves. Even in narrow

Parking spaces in the tightest of spaces is effortless. The powerful motors master gradients of up to 13 percent, depending on the model.

- **Lightweight:** Up to 20 kg weight savings.
- **Precise:** 100% straight running as if on rails.
- **Exactly:** coupling to the towing vehicle with millimeter precision. Parking in the tightest of spaces.
- **Powerful:** Stepless acceleration thanks to Truma Dynamic Move Technology.

SOFT
START

SOFT
STOPP



Truma Mover XT



Maneuvers single-axle caravans with a permissible total weight of 2300 kg reliably over 13% slopes.

At an unbeatable 28 kg, the lightest marshalling system of its kind. **92870** **2779,-**

Truma Mover XT2



Moves double-axle caravans up to 2400 kg confidently over 10% slopes.

At an unbeatable 28 kg, the lightest marshalling system of its kind. **92872** **2949,-**

Truma Mover XT4



For double-axle caravans up to 3100 kg, 4-motor up to 10% slopes.

At an unbeatable 60 kg, the lightest marshalling system of its kind. **92873** **4799,-**

Its four powerful motors move your premium caravan smoothly and safely around every corner, simply and conveniently by remote control.



Experience the Truma Mover XT in action. Simply by QR code or online at www.truma.com/de/de/produkte/truma-caravan-mover/xt-mover



Save up
to 20 kg
system weight!

Mover PowerSet light for XT (92870) and XT 2 (92872)

Consisting of: Optima® YT S 2.7 (38Ah)
Charger BC 10 (10 A), circuit breaker
Easyclick® terminal clamps, second charging cable for flexible charging, temperature sensor
Weight 11.6 kg (battery)
Mover® XT / XT 2: 28 kg
System weight 39.6 kg

92892 **475,-**

Mover PowerSet for Mover XT 4 (92873) and SR

Consisting of: Optima® YT S4.2 (55Ah)
Charger BC 10 (10A), circuit breaker
Easyclick® terminal clamps, second charging cable for flexible charging, temperature sensor
Weight 19.5 kg (battery)
Mover® XT 4: 60 kg
System weight 79.5 kg

92890 **629,-**

Mover PowerSet plus for more self-sufficiency

Consisting of: Optima® YT S 5.5 (75Ah)
Charger BC 10 (10 A), circuit breaker
Easyclick® terminal clamps, second charging cable for flexible charging, temperature sensor
Weight 26.5 kg (battery)

92891 **719,-**

GO2



GO2, the compact maneuvering aid - attach - swivel - start

- Smooth starting, precise maneuvering and accurate stopping
- Control with ergonomic and intuitive remote control
- Uncomplicated assembly with proven quick fastening system
- A lightweight at 33 kg

Move your caravan effortlessly to the desired location: The GO2 maneuvering aid enables exact maneuvering and precise coupling. GO2 you can easily swing on and off from one side. Thanks to the sophisticated mechanics, this is possible without much effort.

The remote control is ergonomic and can be operated intuitively.

Installation:

With the fastening set included in the scope of delivery, the GO2 maneuvering aid is mounted on all common frames with L- or U-profile.

Further accessories are not required in most cases. Extensive mounting accessories are available for all other chassis (e.g. for AL-KO, BPW, Knott and Eriba Touring chassis).

Maximum gradeability:	13% for a caravan weighing 1800 kg
Power supply:	12 V
Maximum current consumption:	100 A
Average power consumption: (on level ground with a permissible total weight of 1800 kg)	ca. 28 A
Weight:	33 kg
Maximum speed:	9 m/min
920728	1329,--

Mounting accessor

Flat frame set

For Mover XT, XT2, XT4, SX, smart.

To Compensates for a frame height below 80 mm (Mover XT, XT 2, XT 4) or 110 mm (Mover SX, smart). Incl. Mounting plates (each 240 mm high), bolts and nuts*

92093

145,--

Flat frame set short (not shown)

For Mover XT, XT2, XT4, SX, smart. To compensate for a frame height below 80 mm (Mover XT, XT 2, XT 4) or 110 mm (Mover SX, smart). Incl. Mounting plates (170 mm high each), bolts and nuts*

920982

142,--

Adapter set AL-KO Vario III/AV For Mover XT, SX, smart For frame reinforcement absolutely necessary for caravans with frame thicknesses smaller than 2.8 mm!

92098

109,95

Adapter set M

For Mover XT, SX, smart.
For leveling frame edges.

For AL-KOFrame with axle displacement up to 1800 kg permissible total weight.

920981

99,95

Adapter set M short

For Mover XT, SX, smart.

For AL-KO frames (up to 1800 kg permissible total weight) with axle displacement pushed together to minimum length, to compensate for frame edges. Incl. Nuts and bolts.

920984

105,95

Adapter set M

For Mover XT, SX, smart.

For levelling frame edges for AL-KO with continuous frame and 1900-2000 kg permissible total weight.

920983

105,95

Adapter kit Eriba Touring

For Mover XT, SX, smart.

For mounting on a chassis with rectangular profile / installation kit to complement the rectangular profile.

920931

219,--

Adapter kit Eriba Touring Troll

For Mover XT, SX, smart.

For mounting behind the axle. Installation kit to complement the rectangular profile.

920932

269,--

Spacer set 30 mm*

For Mover XT, XT2, XT4, SX, smart.

To compensate for the height of 30 mm.

Frame height from < 140 mm to 110 mm and below the entry step (Mover XT, XT2, XT4) Frame height from < 170 mm to 140 mm and below the entry step

(Mover SX, smart)

920941

114,--

Spacer set 60 mm*

For Mover XT, XT2, XT4, SX, smart.

To compensate for the height of 60 mm.

Frame height from < 140 mm to 110 mm and below the entry level (Mover XT, XT2, XT4). Frame height from < 170 mm to 140 mm and below the entry step (Mover SX, smart).

920942

114,--

Do not drill or weld on the vehicle frame.

*Spacer sets for mounting system from year of manufacture 05/2012.

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- Automatic engagement drive
- Move the caravan effortlessly up to 2250 kg
- Lightweight due to plastic cover
- Easy and stress-free maneuvering with the Smart Handset
- Suitable for single and double axle caravans with two axles 4 motors are required for all-wheel drive (2x 920209)

With the automatic maneuvering system you move your caravan effortlessly up to 2250 kg. Smart remote control allows easy and stress-free maneuvering. Suitable for single and double axle caravans.

Smart Handset & Control System

Simple and intuitive operation. Precise maneuvering due to the unique roller-ball design. Variable speed control and 360 ° fluid movement, So you really effortlessly control your caravan.

Speed: 12 cm/sec, Operating voltage: 12 V DC Weight (2 motors): 23 kg, Combined weight (incl. installation kit etc.): ca. 34 kg

Max. Climbing capacity according to total weight:

15% - 2500 kg

20% - 2250 kg

25% - 2000 kg

Scope of delivery: 2 motors, mounting bracket, remote control, battery disconnect switch (100 A), rocker arm, mounting hardware, operating instructions

920209

1750,-



Carbest Energy Systems
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Cara-Move - powerful, semi-automatic shunting system

- Sturdy aluminum drive rollers
- Soft start precision control
- Compact, stable, reliable
- Suitable for single and double-axle caravans with two axles, 4 motors are required for all-wheel drive (2x 920208)
- Convenient control with remote control

The manual caravan maneuvering aid moves single and double axles up to a maximum total weight of 2250 kg. The rollers are swiveled on and off manually. Current consumption on level ground: ca. 25 A. Max. Current consumption (1100 kg caravan single-axle, slope 25%): 80 A, Weight: 35 kg

Max. Climbing capacity according to total weight:

15% - 2500 kg

20% - 2250 kg

25% - 2000 kg

Scope of delivery: 2 motors, mounting bracket, remote control, battery disconnect switch (100 A), rocker arm, mounting hardware, operating instructions

920208

1150,-



1150,-

Carbest Energy Systems
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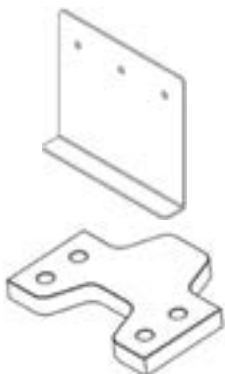


Optional fitting adapters

Low profile housing adapter plates

If your chassis frame height is less than 140 mm, these plates must be installed to lower the assembly to the correct height of 185 mm.

Pair E6205 36,-



16 mm spacers

Use spacers to lower the maneuvering aid assembly if your chassis has a frame height between 140 and 185 mm.

Pair E6204 34,-

Narrow gauge chassis adapter

These plates must be used if you have an AL-KO Vario III/AV chassis that has a frame thickness of less than 2.8 mm.

Pair E6206 36,-



Set of 8 screws M 10 x 100

Set of 8 extended clamping bolts for use with 16 mm spacers (E6204).

E6207 12,95



In some countries, the installation must be checked by a professional technician to comply with local regulations.



Maneuvering in all directions,
as well as 360° turns



-
-
-

Enduro maneuvering aid EM203

Maneuvering aid for single-axle caravans and trailers up to 1800 kg gross vehicle weight. The drive rollers are moved up and down manually with the hand crank. The sturdy chain transmission, in conjunction with the non-slip drive rollers, ensures reliable power transmission to the wheels.



-
-
-
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Enduro maneuvering aid EM303A +

Maneuvering aids for caravans and trailers with up to 2000 kg gross vehicle weight. With electric drive, fully automatic approach and retraction of the drive rollers. The sturdy gear transmission, in conjunction with the non-slip aluminum rollers, ensures reliable power transmission to the wheels. The soft start and soft stop technology allows you to control your caravan or trailer precisely and almost jerk-free.

Single-axle	EM203		EM303A +	
Permissible total weight	just	18% slope	just	18% slope
• Single-axle	1800 kg	1450 kg	1800 kg	1500 kg
• Two axle 2 motors	–	–	1800 kg	1500 kg
• Two axle 4 motors	–	–	2500 kg	1800 kg
Weight (without battery)	ca. 37 kg		ca. 34 kg	
Coupling drive rollers	manual		electric	
Average/max. current consumption	20 A/100 A		20 A/100 A	
Speed	ca. 10 cm/sec.		ca. 9 cm/sec.	
Item no.	920881		920885	
Price	1029,--		1599,--	

CARBEST
 INNOVATIONS FOR MOBILE LIFE

Li100BT & Li100BT-H lithium battery with Bluetooth technology

- Battery status can be called up at any time via app
- Free smartphone app to keep charge status and battery capacity always under control
- Series connection possible: up to 4 batteries
- Parallel connection possible: up to 2 batteries
- Battery protection through integrated battery management
- 5 to 10 times longer life, 3 to 10 times faster charging
- Li100BT-H lithium battery (874131) with integrated heating function:
The fully automatic heating function kicks in as soon as the ambient temperature drops below 0°C. The battery is then heated in a targeted manner, thus avoiding performance losses.

Type	Volt (V)	Ah	Length x width x height	Pole	Weight	Art.No.	Price
Li100BT	12	100	330 x 170 x 195 mm	M8	12 kg	81413	949,-
Li100BT-H	12	100	330 x 170 x 195 mm	M8	12 kg	814131	999,-



The Li100BT-H has an integrated fully automatic heating function. It selectively heats the battery from a temperature of $\leq 0^{\circ}\text{C}$ to avoid charging problems.

CARBEST
 INNOVATIONS FOR MOBILE LIFE

LiFePO4 batteries with 60 or 100 Ah capacity

- Reliable and powerful battery technology, for tough continuous use!
- Battery protection through integrated battery management
- Up to 90% current drain (short term)
- 3 times less weight - thus more payload possible
- 5 to 10 times longer service life (ca. 2000 to 5000 cycles)
- 3 to 10 times faster charging

The low weight, compact dimensions, higher current capacity and long service life, combined with a particularly low self-discharge, make these LiFePO4 batteries ideal for use in motor homes, caravans and all other recreational and expedition vehicles. Installation is possible horizontally, e.g. on VW T5/T6 and Ducato.

The LiFePO4 100 BT is additionally equipped with Bluetooth and can be controlled via an app.

Type	Volt (V)	Ah	Length x width x height	Weight	Pole	Item no.	Price
60	12	60	195 x 165 x 180 mm	ca. 7.2 kg	M8	81208	449,-
100	12	100	305 x 170 x 210 mm	ca. 13 kg	M8	81209	849,-
100 BT	12	100	305 x 170 x 210 mm	ca. 13,5 kg	M8	81410	899,-


CARBEST
 INNOVATIONS FOR MOBILE LIFE

Included in delivery:

Battery pole adapter set

For conversion from M6 or M8 female pole threads to a standard SAE conical pole (+/-). Scope of delivery: Set of terminals (+/- pole) including screws.



Deep-Cycle AGM Batteries

- Installation in the living space possible according to EC regulations
- Absolutely maintenance-free and environmentally friendly
- Installation independent of position
- High cycle stability, also ideal for solar systems
- Low self discharge
- Shipping possible, as no dangerous goods
- incl. battery pole adapter set

A more detailed description of these batteries can be found on page 967

Type	Volt (V)	Dimensions LxWxH	Pole	Weight	Item no.	Price
NEW: ① 60	12	258x167x213 mm	M6	23,5 kg	850534	245,-
② 80	12	350x167x179 mm °	M6	22,5 kg	850529	219,-
NEW: ③ 90	12	306x168x216 mm	M6	29 kg	850535	295,-

° plus height of battery terminals

ENERGY SYSTEMS FOR SHUNTING AIDS AND CHARGERS

REICH
THE QUALITY EXPERIENCE



① Energy package M

For all shunting drives/easydriver, consisting of REICH AGM CPC 50-12 12 V/50 Ah. Dimensions: W 195 mm, H 170 mm, D 165 mm
Weight ca. 15.6 kg

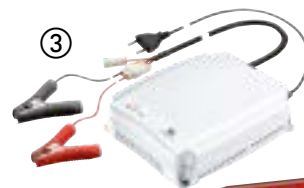
Charger c-Go 10 A (M) 81904 461,90



② Energy package L

For all shunting drives/easydriver, consisting of REICH AGM CPC 75-12 12 V/75Ah, dimensions: W 260 mm, H 200 mm, D 170 mm
Weight ca. 25.9 kg

Charger c-Go 10 A (L) 81905 594,-



sorgenfrei
durch europaweites
Servicenet

③ c-Go charger and power supply

- Fanless, TÜV, GS mark
- Fully automatic for AGM and GEL batteries - can also be used without battery for power supply.

Charging according to IUoU characteristic (max. charging current 10 A, max. charging voltage 14.4 V and 14.7 V, max. 14.8 V adjustable). Low weight ca. 1.3 kg. Dimensions: L 210x W 175 x H 60 mm

Charger c-Go 10 A 81902 161,-
Charger c-Go 20 A 81903 185,-



REICH
THE QUALITY EXPERIENCE

MPP - Mobility Power Pack

- Replaces battery and charger
- With state-of-the-art lithium-ion technology (LiFePO₄)
- Sustainable and reliable

Ca. 2,000 charging cycles. Significantly longer service life than conventional lead batteries. Combination of power supply (8.8 Ah) + charging electronics. 12 V nominal (14.4 max.), continuous load: 80 A. Integrated safety functions. Charging via mains cable, alternator, solar panel or fuel cell. Dimensions: L 192 x W 181 x H 109 mm. Weight: ca. 2 kg.

E3890 575,-



REICH
THE QUALITY EXPERIENCE

70,50

Charger 4 A with regeneration

- Gentle charging during vacation
- Compact design
- Easy clamping

Charging current adjustable 0.8 A or 4 A. For wet, gel & AGM batteries up to 120 Ah. Allows 100% charge of the battery. Can remain permanently connected to the battery. Revives even deeply discharged batteries.

81900 70,50

CARBEST
INNOVATIONS FOR MOBILE LIFE



Professional chargers with 10A or 20A

3-step charging, battery type selectable, suitable for gel, AGM, lead acid & lithium batteries. Input voltage: 180-240 V AC, Output voltage: Max. 14.6 V DC. Incl. Connection cable and battery terminals.

Charger 10 A, weight ca. 1.4 kg, dimensions: 130 x 150 x 50 mm
80280 89,90

Charger 20 A, Weight ca. 2.0 kg, dimensions: 160 x 150 x 70 mm
80281 129,90

CARBEST
INNOVATIONS FOR MOBILE LIFE



Intelligent battery charger

- LCD display
- Diagnostic and resuscitation function
- For all 6/12V batteries (AGM, Gel, Wet)
- Microprocessor, 5-stage charging program
- Controlled trickle charge
- Ideal for winter break

Microprocessor controlled Carbest charger with 4.0 amp charging power.

Technical data: Protection class IP65, battery capacity max. 120 Ah. Input voltage 220-240 V AC/ 50 Hz, max. 70 W. Output voltage max. 14.7 V DC/4.0 A. Dimensions: L 18 x W 8 x H 5 cm. Weight 0,5 kg.

819010 35,95

CARBEST
 INNOVATIONS FOR MOBILE LIFE

Battery box EnergyStation

Turns a standard battery into a multifunctional power station

- Digital voltmeter for battery monitoring
- 2x USB (2,4A), 2x 12V socket
- 2x 50 A high current battery connector
- For batteries up to size LxWxH 320x180x220 mm

① The EnergyStation is made of robust plastic and offers a wide range of connection options. Integrated in the cover are: External terminals (+/-), 1x USB double socket (2x 2.4A), 2x 12V sockets, 1x battery voltmeter, 2x high current battery connectors for connecting solar panels and other accessories. Fuses are pre-installed. Scope of delivery incl. tensioning strap to fix the lid and tensioning strap eyelets.

813740

79,90

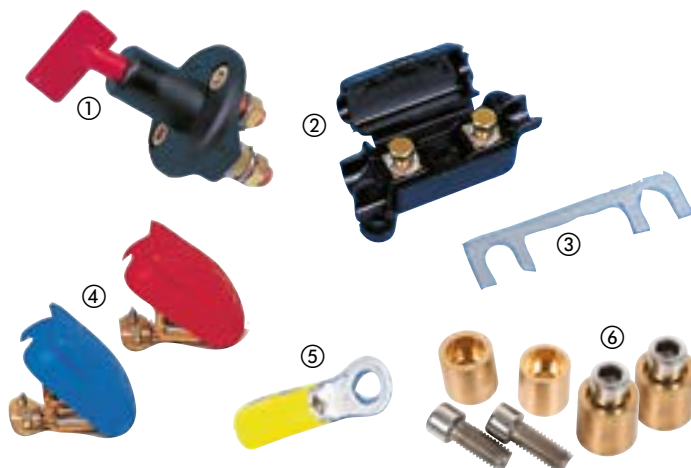
Included
Lashing strap

For batteries
up to size LxWxH
320x180x220 mm



Installation accessories for shunting systems

- | | | |
|---|--------|-------|
| ① Battery disconnect switch With removable key, for disconnecting two batteries, as a main switch and vehicle fuse | 81220 | 9,95 |
| ② Pre-fuse holder
Connected directly behind the battery | 81027L | 6,80 |
| ③ Backup fuse 1 pc, 30 A | 81136L | 0,95 |
| ④ Battery quick clamps Tool-free connection and disconnection,
Loadable up to 125 A | 81310 | 14,95 |
| ⑤ Crimp connector with ring eyelet 4-6 mm | 81038L | 1,10 |
| ⑥ Battery pole adapter set For converting batteries with M6 or M8 internal pole thread to a standard SAE conical pole. 2 pcs. | | |
| M6 thread | 812761 | 4,50 |
| M8 thread | 812762 | 4,50 |



Winterhoff safety coupling WS 3000

- Now with coupling display
- More accurate wear indication of the friction linings
- Reinforced handle
- Optimized fit of the Maxi-Soft buffer
- Unrestricted ball neck clearance due to slim design
- Approved for 100 km/h acc. ISO 11555-1
- Front bumper

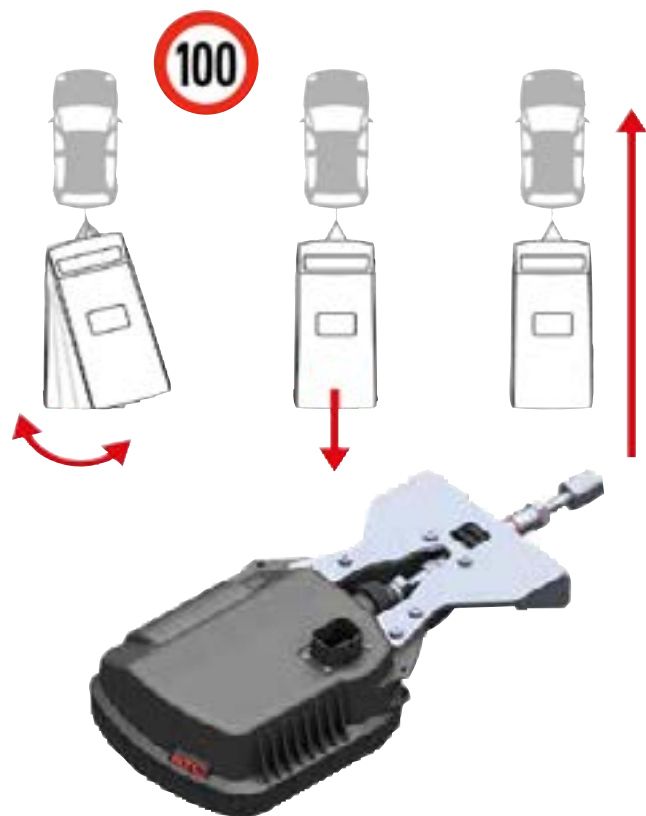
WS 3000 Single lever system for coupling and stabilizing. Excellent angular maneuverability during maneuvering. Extremely large friction linings, thus long service life. Large spring elements for constant pressure. Wear indicator easily readable from above. Up to 3,000 kg total trailer weight, draw-bar load 150 kg. Own weight 5.8 kg. Retrofittable for all trailers, screw connection cross or parallel, Ø 35/50 mm.

91355

519,--



WINTERHOFF
 QUALITY TRAILER SYSTEMS



Anti-skid systems ATC for caravan and trailer

- Keeps the trailer on track
- Improved early detection of the risk of slipping
- Even faster brake access
- Innovative anti-spin system
- Optimized weight and design
- Horizontal installation provides more ground clearance
- Easy installation: retrofit in ca. 2-4 hrs (according to manufacturer)
- With ABE - no entry in the vehicle documents necessary
- Maintenance free system
- Already integrated in the 2LINK system (ATC signal on smartphone)

The driving behavior of the trailer is permanently controlled by the ATC. Sensors detect dangerous lateral movements even before a stabilization program for trailers present in the car can register the swaying movement. The trailer is braked gently immediately - without any influence from the driver. The ATC is connected to the distributor box of the trailer. Operation is indicated by a light emitting diode in the area of the overrun device.

Chassis single axle	Total weight min. - max.	Tare weight min	Item no.	Price
	750 - 1300 kg	500 kg	927000	1138,50
	1301 - 1500 kg	1000 kg	927001	1138,50
	1501 - 1800 kg	1100 kg	927002	1138,50
	1801 - 2000 kg	1300 kg	927264	1138,50

Chassis tandem	Total weight min. - max.	Empty weight min	Item no.	Price
	1300 - 1600 kg	1000 kg	927003	1138,50
	1601 - 2000 kg	1200 kg	927004	1138,50
	2001 - 2500 kg	1600 kg	927005	1138,50

Anti-theft protection for the Winterhoff WS 3000 safety coupling



Robstop WS 3000
Ø 15 mm
Version for Germany
91356 126,-



Approval for NL and GB

Robstop WS 3000 Plus
Reinforced, hardened version with special locking cylinder Ø 19 mm, with TNO approval for NL, Sold Secure Gold for GB.
91358 222,90



Safety Ball

Additional protection against unauthorized coupling in conjunction with anti-theft device, also suitable for other ball couplings.

913585 12,50



Replacement clip lining until BJ. 07/2002
913561 60,95



Replacement clip lining from BJ. 08/2002
from 31-51 mm Ø.
set of 2 913583 62,50



Conversion package RB 2051



Premium brake and conversion package RB 2051

- Greater driving safety thanks to up to 5 m shorter braking distance
- Smooth braking without jerky acceleration
- Lower maintenance costs due to extended service intervals and elimination of the first workshop interval after 1,000 km
- Lower maintenance costs due to elimination of initial inspection after 500 km
- No new TÜV demonstration necessary after installation

Premium brake

An automatic adjustment function supports the wheel brake. When reversing, the readjustment is automatically deactivated.

Conversion package RB 2051

Suitable for most caravans with AL-KO axles in the weight range up to 1,500 kg, single axle or up to 2,800 kg, tandem axle.

920937 340,-



AKS - 3004 anti-rolling coupling up to 3000 kg

- | | | |
|--|---------------|---------------|
| ① AKS - 3004 anti-rolling coupling
up to 3000 kg. Support load up to 150 kg. | 913582 | 462,95 |
| ② Drawbar protection cover for AKS
protects your clutch against wind & weather | 927180 | 29,90 |
| ③ Brake pads AKS 2004 front + rear, 1 pair | 913587 | 29,90 |
| ④ Brake pads AKS 3004 front + rear, 1 pair | 913588 | 38,95 |
| ⑤ Brake pads AKS 2000, 2004, 3004
lateral, 1 pair | 913589 | 58,60 |

Reliable theft and hitching protection for your caravan drawbar.

Scope of delivery: cylinder lock, 2 keys and anti-drilling protection. Can be used with closed AKS 3004 while driving.

- ⑥ **Safety Compact silver for AKS 2004, 3004** A trailer lock from the "Safety Compact" class secures the trailer from quick access by unauthorized persons when stationary and in motion. The easy-to-use plug-in lock with cylinder is integrated into the standard openings of the AL-KO couplings. The cylinder lock remains in the handle and thus prevents unauthorized persons from coupling or uncoupling. Plug in, lock, enjoy security!
- High quality sheet steel housing **91369** **108,--**
- ⑦ **Safety Premium black and Safety Plus red for AKS 2004, 3004**
High-strength steel, additional reinforcements and locks with anti-drilling protection form a very effective protection for the trailer in the "Safety Plus" and "Premium" models. All trailer locks in these protection classes have a sheet steel housing.

- | | | |
|--|---------------|---------------|
| Safety Premium, Certified UK, Sold Secure | 927524 | 222,-- |
| Safety Premium, Certified NL, Sold Secure | 927522 | 256,-- |
| Safety Plus with additional drilling protection | 913692 | 225,-- |

AL-KO Triple Pack - Triple security at an attractive price

- ⑧ **AKS 3004 Slinger coupling in set with ⑥ Safety Compact**
Anti-theft device for AKS 3004 and ⑧ **Safety Ball**
- 92721** **519,--**



Technical data

Article no	Type perm. Ges. Weight.	Drilling	Connection A Ø mm	Length B mm	C mm	D mm	Weight
913582	AKS 3004 up to 3000 kg Support load 150 kg	horizontal* cross**	35+50 45+50	50+54 40	11 18	168	4,2 kg

* for AL-KO overrun devices; ** for other overrun devices

Wear indicator for front and rear friction linings and Clutch wear

Locking fixtures for AL-KO Safety

Safety display

4 Friction pads

Integrated Soft dock



AL-KO safety coupling AKS 3504 for heavy loads

- For trailers up to 3.5 t total weight
- One-hand operation
- The stabilizing effect can be cancelled in shunting mode
- Dampens pitching and rolling movements
- Tie rod diameter Ø 60 mm
- Optimal damping due to the use of 4 friction linings
- Approval for 100 km/h acc. ISO 11555-1

Technical data:

Permissible total weight: 3500 kg, drawbar load: 350 kg
Minimum mass: 200 kg, own weight: 4.9 kg,

913584 935,-

AL-KO safety coupling AKS 3504 with lock cylinder

As described above, incl. locking cylinder for more security

913580 935,-

Technical data

Article no	Type perm. Ges.Weight.	Drilling	Connection A Ø mm	Length B mm	C mm	D mm	Weight
913580	AKS 3504 with closing cyl. up to 3500 kg	horizontal*	60	54	14	168	6,22 kg

* for AL-KO overrun devices

Safety coupling AK 161 and AK 270

- Retrofittable for caravans and trailers with AL-KO chassis or suitable connection
- With safety indicator
- With wear indicator of the coupling ball of the towing vehicle or the trailer
- Flat handle for easy opening of the tailgate

① AL-KO safety coupling AK 161 Ø 35 round

	913776	101,50
Ø 50 round	913775	83,90
Ø 35/50 round with screw and lock	913777	184,-

② AL-KO safety coupling AK 270

	913772	96,70
Ø 50 round with screws	913773	137,90
Ø 50 round with screws and lock	913774	189,90

③ Safety anti-theft device for AK 161 / 270

Netherlands SCM certified	927526	344,-
UK Sold Secure certified	927527	344,-
Sweden SBSC certified	927528	397,-
Rest EU no certification	927529	213,-

Scope of delivery anti-theft device: 1x Safety powder-coated, 1x Safety Ball red, 2x plastic inserts black, 2x keys



Safety coupling with complete safety package

EU patent EP 0364695 B1

Type	Permissible total weight up to	Bore	Weight kg	Connection Ø mm	Item no.	Price
AK 161	1600 kg	around	2,27	35	913776	101,50
AK 161	1600 kg	around	1,85	50	913775	83,90
AK 161	1600 kg	around	2,76	35 + 50	913777	184,-
AK 270	2700 kg	around	2,95	50	913773	137,90
AK 270	2700 kg	around	3,07	50	913774	189,90
AK 270	2700 kg	horiz./cross	1,85	30	913772	96,70



Anti-theft device AK/ABS for caravans

- Reliable theft and hitching protection for your caravan tow bar
- Can also remain mounted while driving (Except AKS 2000 up to BJ 1992)
- Cylinder lock with 2 keys

Safety Plus Red: With additional anti-drilling protection.

Safety Compact Silver: High quality sheet steel housing.

Safety Premium Black: High-quality sheet steel housing with additional reinforcements.

For clutch	① Safety Premium, Black (Certificate UK)	② Safety Compact, Silver	③ Safety Plus, Red
AKS 1300	927523 266,-	91399 107,90	913991 242,-
AKS 2000	---	---	91382 258,-
AKS 2004/3004	927524 222,-	91369 108,-	913692 225,-
AKS 2004/3004	927522 (NL) 256,-	---	---
AK 160 Ø35 mm	---	---	927531 259,-
AK 160/300 Ø50 mm	---	91381 113,90	---

from 113,90

SCM Exam: Holland / SoldSecure Gold Exam: England

CARBEST
INNOVATIONS FOR MOBILE LIFE



Wheel claw & U-lock

- ① **CARBEST Steel wheel claw** for wheels up to 26.5 cm wide, with 2 keys. Weight ca. 2 kg **913401 37,95**
- ② **CARBEST universal shackle lock for securing couplings** with 2 keys. Weight ca. 2 kg **92763 25,95**
- ③ **NEMESIS ULTRA steel wheel claw**
The supplied wheel bolt is suitable for use on caravans and trailers. Super easy application **92520 165,-**
- ④ **NEMESIS PLUS MOTORHOME Heavy Duty Tire Clamp Lock** also for aluminum rims with 10 to 20 inch **92521 306,90**

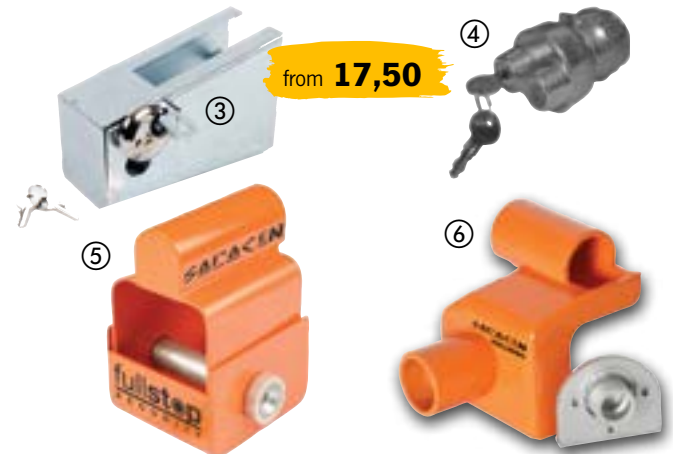
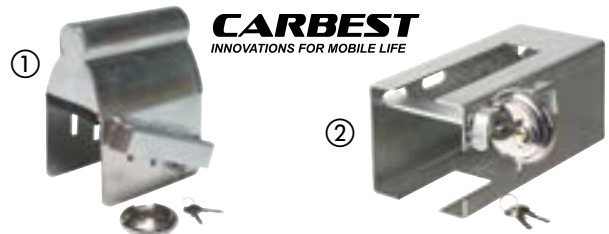


AL-KO trailer locks

- Reliable theft / hitch protection for caravan drawbar
- Safety Ball can be used for stationary or mobile operation

- ① **AL-KO plug-in lock DBS8** **913492 14,90**
- ② **AL-KO plug-in lock AK13/15,AKS 2000** **91360 18,95**
- ③ **AL-KO AKS 1300 mortise lock** **91380 26,50**
- ④ **AL-KO U-lock, AK 160, AK300/350** **91373 25,40**

CARBEST
INNOVATIONS FOR MOBILE LIFE



Box fuses

- ① **Box lock for the caravan/trailer**
Secures coupled and uncoupled caravans or trailers against theft. Sturdy sheet steel housing with discus safety lock and 2 keys **913611 19,95**
- ② **Box locks for the uncoupled caravan/trailer.**
Sturdy sheet steel housing with discus safety lock and 2 keys **91361 19,99**
- ③ **Universal box lock for trailers, width adjustable**
usable for all ball couplings and anti-sag couplings. incl. discus lock and 2 keys **913614 99,95**
- ④ **Anti-theft egg**
Effective anti-theft device for caravan o. trailer. Is inserted into the ball head, spread and locked. Incl. 2 keys **91226 17,50**

SARACEN coupling locks for AL-KO couplings

Cheap solution to quickly secure the trailer hitch.

- ⑤ **Ultra:** for AK130, AK160, AKS1300, AKS2004 & AKS3004 **92522 82,50**
- ⑥ **Gullwing:** Top quality for AKS2004 & AKS3004 **92523 129,-**

AL-KO
QUALITY FOR LIFE

U-lock for AL-KO couplings

U-lock Universal, color red, for all AL-KO couplings (except AKS) incl. key ring with 3 keys. **92723 56,-**



CARAVAN ACCESSORIES

CARBEST
INNOVATIONS FOR MOBILE LIFE



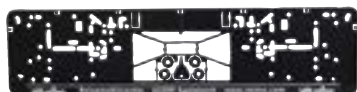
① **Breakaway cable** for caravans and braked trailers, mandatory. **91367 4,40**

② **Protective cap** Plastic with retaining ring. **913613 1,40**

③ **Tire protector, set of 2** - reduces the deformation of the wheels during long periods of standing. Suitable for wheels from 10" to 20". Dimensions: 44 x 20 x 4 cm **91528 17,95**

④ **Reserved sign** to put up. For motorhomes and caravans. Dimensions: 61.5 x 30 cm. 0.5 kg. **47085 24,90**

⑤ **Safety eyelet** for hooking in the breakaway rope. Can be screwed to coupling, subsequent assembly possible. Regulation in Netherlands, Austria and Switzerland **913671 10,95**



Reimo license plate holder With pre-drilled holes for almost any hole spacing on your vehicle.

532391 5,95



Drawbar adapter for bike carrier

to a bicycle carrier for max. 2 wheels on the caravan drawbar to install. Fastening on the drawbar with U-bolt, clamping plate and self-locking nuts. Observe the manufacturer's drawbar load.

L 75.5 x W 7 x D 23 cm, ca. 4.35 kg
44248 83,90

AL-KO
QUALITY FOR LIFE

Winches Optima

- Rope drums with plain bearings
- Automatic load pressure brake
- Modern design
- High quality corrosion protection
- Made in Austria

With official test mark, high quality zinc nickel plating. The console winches made of steel with gear transmission and plastic cover are robust and reliable. Safety due to automatic load pressure brake, the load can be held in any position by releasing the crank.



① Winch Optima 350 kg	Weight. 2,6 kg	46605	209,-
Rope f. Optima 350 10 m, Ø 4mm	Weight. 1,0 kg	46606	39,95
Rope f. Optima 350 15 m, Ø 4mm	Weight. 1,5 kg	46608	44,10
② Winch Optima 900 kg	Weight. 7,0 kg	46602	399,-
Rope f. Optima 900 12,5 m, Ø 7 mm	Weight. 2,1 kg	46611	68,50
③ Rope f. Optima 900 20 m, Ø 7mm	Weight. 4,1 kg	46614	138,-
④ Weather protection for Optima 900	Weight. 0,3 kg	46617	29,50



Weather Protection Hoods Premium

- Weather resistant
- Breathable
- Colorfast

Weather protection for your drawbar and anti-rolling hitch AKS 1300 and 3004.

Protects your clutch against wind & weather.

Drawbar protection cover, premium black for drawbar

927192 52,95

AL-KO
QUALITY FOR LIFE



Practical accessories

① **Plug holder**
For electrical plugs, for 7/13 pole plugs. Plug holder can be used as parking space for protective cap or softball. **91394 4,50**

② **Safety Ball anti-theft**
For caravans with an anti-theft device, makes coupling more difficult. **91383 12,20**

③ **Safety ball and pressure lock**
The pressure lock is suitable for the AK 7/AK 7 V/AK 750. **913831 19,95**

Plastic protective cap

④ Ball Cap	92736	6,90
⑤ Red	91385	7,40
⑥ Schwarz	913851	7,40
⑦ Blue	913852	7,40
⑧ White aluminum RAL 9005	913853	7,40

FIAMMA
home is everywhere



4
PIECE

Plastic support frame set

Height 31-46 cm, load capacity 750 kg per piece with metal spindle. Stackable. **43155 61,-**

CARBEST
INNOVATIONS FOR MOBILE LIFE



42,95

4
PIECE

Plastic support frame set including shims

Height 30-42 cm, load capacity 750 kg per piece. With metal spindle. Stackable. 4 pieces in a set including 4 shims. **912064 42,95**

AL-KO
QUALITY FOR LIFE

Caravan trestle

Height 30-47 cm, support width 4.5 cm, base plate Ø 19 cm, load capacity 1000 kg, not to be used as repair trestle. Weight ca. 2 kg **92557 40,20**



40,20



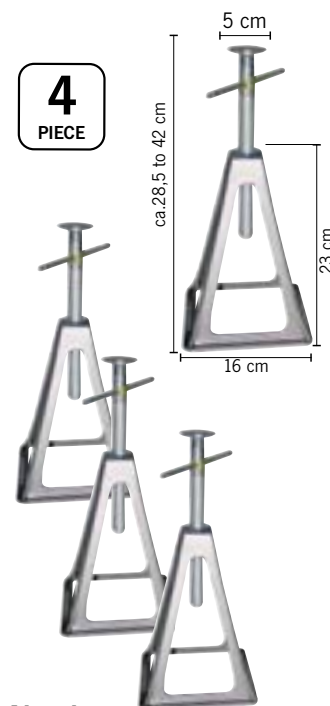
Aluminum support bracket set Jumbo

Set of 4 reinforced aluminum support brackets. Load capacity ca. 2700 kg per piece. Height adjustable from 28-43 cm. Spindle made of corrosion-protected galvanized steel. 4 pieces, H220 x W155 x D155, 330 mm **92559 61,90**

4
PIECE

CARBEST
INNOVATIONS FOR MOBILE LIFE

4
PIECE



Aluminum Support frame set

- Adjustable support blocks
- Height adjustable from 28.5-43 cm
- 1000 kg load capacity per piece
- With metal spindle, stackable

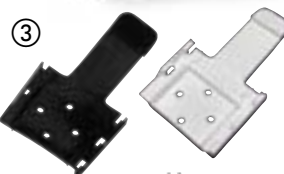
Load capacity 1000 kg per piece.

Weight 3,2 kg

4 piece **912061 49,95**
2 pieces **912060 24,90**

Wheel brake wedges & ramp wedges

- CARBEST wheel brake wedge set incl. wall holder, black, lightweight**, made of sturdy plastic, 2 wedges in the set, length: 22 cm; height: 9.5 cm; width 9 cm **925521 5,95**
- Wheel brake wedge, sturdy plastic** Prevents the caravan/trailer from rolling back, according to DIN76051
White **913751 2,90**
Black **91375 2,90**
- Holder for wheel brake wedge** For mounting on / in the gas box
White **913761 1,60**
Black **91376 1,60**
- AL-KO wheel brake wedge black plastic** Loadable up to 1.6 tons. Length: 32 cm; Height: 16 cm **92556 15,10**
- AL-KO Holder for wheel brake wedge 1.6 t** **92555 9,80**
- Froli caravan wheel chock 3-piece**, Drive-on surface: 160 x 450 mm. Stepless upward travel up to a height of ca. 70 mm. Tested drawbar load: 2000 kg.
Scope of delivery: 1 standard wedge, 1 ramp aid and 1 parking stopper. Set price **92553 22,30**
- Froli 4-piece ramp wedge set** For levelling the caravan on one side. Consisting of balancing wedge (2-piece), ramp aid and parking stopper. Ca. dimensions: 50 x 18.2 x 9.5 cm. Weight ca. 0.56 kg **92554 29,20**
- Froli Drive-on Mat XL for Froli Step Wedges Multi and XL** Protects against sinking and slipping away on soft ground. Easy to attach. Weight ca. 920 g, L 75 x W 25 cm, height 14 mm. Per pair **925494 29,95**



LIFTING BAGS AND SHIMS



Emuk Air-Lift

The Emuk Air-Lift is a heavy-duty, wear-resistant, gasoline, oil and acid-proof compressed air lifting bag designed specifically for motor homes and caravans. All floor unevenness and height differences of the substrate can be continuously compensated from 1.5 cm to 20 cm. The Emuk Air-Lift's load capacity of 11 tons beats all previous best values in comparison with conventional balancing wedges.



Technical data:

Dimensions: 48 x 43 x 2 cm, Weight: 3.6 kg, Load capacity: 11 t at 6 bar, Max. Height: 20 cm, Min. height uninflated: 1.5 cm, Volume uninflated: 3.6 l, Filling & venting: 1 autovalve, Pressure test tested: 24 h at 6 bar, Temperature range: -20 °C to +60 °C.

Scope of delivery:

1 Air-Lift lifting cushion, 1 drain valve, storage bag.

Emuk Air-Lift	92542	269,-
Emuk Air-Lift 2er-Set	92544	499,-

Emuk Air-Lift Twin

Ideal for twin tires.

Technical data:

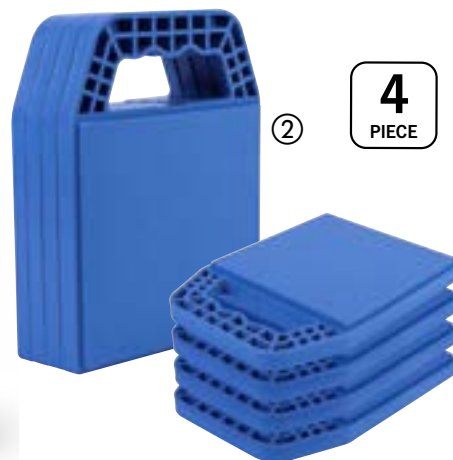
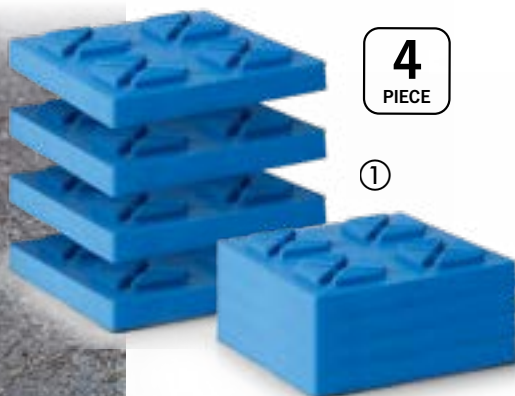
Dimensions: 70 x 43 x 2 cm, Weight: 5.3 kg, Load capacity: 11 t at 6 bar, Max. Height: 20 cm, Min. height uninflated: 1.5 cm, Filling & venting: 1 auto valve, Pressure test tested: 24 h at 6 bar, Temperature range: -20 °C to +60 °C.

Scope of delivery: 1 Emuk Air-Lift Twin, 1 drain valve, storage bag.

Emuk Air-Lift Twin	92543	299,-
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CARBEST
INNOVATIONS FOR MOBILE LIFE



Universal plastic shims

- For height compensation under support trestles or support feet
- Pluggable into each other for greater height compensation
- Prevent sinking into soft ground
- Ensure a stable hold due to a large contact surface

① Dimensions: 21 x 21 x 3.3 cm, weight 1.6 kg.
4 pieces in a set. **91187 15,95**

② With carrying handle, dimensions: 22.5 x 16.5 x 2 cm, weight 1.2 kg.
4 pieces in a set. **91186 17,90**

CARBEST
INNOVATIONS FOR MOBILE LIFE

Step wedge XL 2 Multi-level ramps/step wedges are ideal for leveling caravans or motorhomes on uneven ground. Ramp size: 61 x 21.5 x 12 cm, Material: PP 2150 g, Load capacity: 1250 kg per wedge, Color: Grey, Set of 2 **912554 29,99**

CARBEST
INNOVATIONS FOR MOBILE LIFE

Step wedge set of 2 2 x step wedges are ideal for leveling caravans or motorhomes on uneven ground. Ramp size: 52 x 17 x 11 cm, loading capacity: 1250 kg per wedge Color: Grey **914000 30,95**

CARBEST
INNOVATIONS FOR MOBILE LIFE

Wall bag and carrying bag for ramp wedges
① Wall bag 912556 12,95
② Carrying bag 912555 7,99
 Delivery without content

14,40

Support trestles
Jack Pads: Suitable for the aluminum jack set, item no. 92559. Prevent support trestles, caravan support feet, lifting supports or tent poles from sinking in or slipping away when the ground is soft or slippery. Very stable made of indestructible, UV-resistant polypropylene with practical handle. For storage, the 4 support plates are inserted into each other and fixed with a retaining strap. Polypropylene, UV resistant. L230 x W165 x D70 mm, 1100 g. **925590 14,40**

① ②

Jumbo trestle shims
① Multifunctional pad: Variable height compensation of vehicles on slopes and uneven standing surfaces in 3 heights from 45-105 mm. Compensation of level differences both in length and lateral alignment. Internal bracing increases the load-bearing capacity. Extra high Support load. With practical handle for easy handling. Polyethylene, Red. H 35 x W 215 x D 255 mm, 380 g per piece.
Set of 4 912551 24,95
10er Set 912552 50,95
② Multi Stopper Wedge: Addition to the multifunction pad #912551 or #912552. Prevents the vehicle from rolling away. Convenient handle for easy handling and clipping into the pads. Polyethylene, Red. H 128 x B 93 x D 198 mm, 585 g per piece. **912553 7,95**

Froli

Support feet 2-piece set
 • Perfect height compensation
 • Tested drawbar load: 1000 kg
 • Ideal for uneven terrain
 • Extremely weather resistant
 • Individual support feet can be combined for optimum height compensation
 Height: 60-115 mm. . Weight: ca. 1.4 kg.
 Color: Black. **92558 20,80**

CARBEST
INNOVATIONS FOR MOBILE LIFE

Support feet set of 4
 Plastic support plates set of 4 for crank supports with metal pin in yellow. Can be perfectly combined with caravan pads 911951. Dimensions (LxWxH): 18 x 14.3 x 5 cm **91195 13,95**

Caravan pads set of 4
 Stackable. Base for support feet, perfect height compensation 40-150 mm. Ideal for uneven terrain. Fits perfectly with support legs 91195. Dimensions (LxWxH): 15 x 15 x 4 cm **911951 7,95**

DRAWBAR SUPPORT WHEELS / CLAMPS



Impellers

	Size mm	Load	Rim	Tires	Weight	Item no.	Price
①	200x50	150 kg	Steel	Solid rubber	1,5 kg	91317	9,90
②	200x60	400 kg	Steel	Solid rubber	1,8 kg	91316	18,95
③	260x85	150 kg	Steel	Air	1,3 kg	91397	21,95
④	205x61	150 kg	Plastic	Plastic	0,9 kg	91324	34,90



Clamps for the jockey wheel

	Designation	Pipe Ø	Item no.	Price
①	Carbest clamp	48 mm	92778	7,90
②	AL-KO clamp, Cast iron 6-hole	48 mm	92735	30,50
③	AL-KO clamp, lever rigid	48 mm	927351	12,90
④	AL-KO toggle for clamps		92722	7,95
⑤	AL-KO Clamp, Steel 6-hole	60 mm	91311	48,95
⑥	Winterhoff clamp, Steel 2 hole	48 mm	92747	13,70



Double support wheel retrofit kit

- Suitable for series support wheels
- Ideal for use on loose and deep surfaces
- Use also with shunting drives

Set consisting of 2 wheels 260 x 85 mm, 1 universal axle, 2 quick-release safety cotter pins, small material


92779 92,95

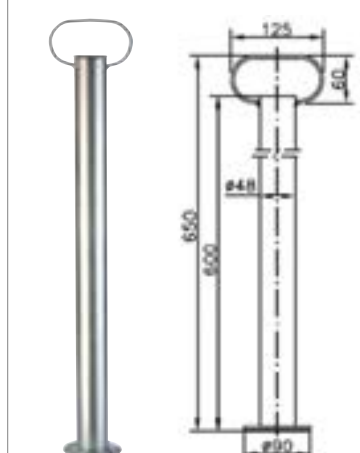


Maneuvering handle AL-KO

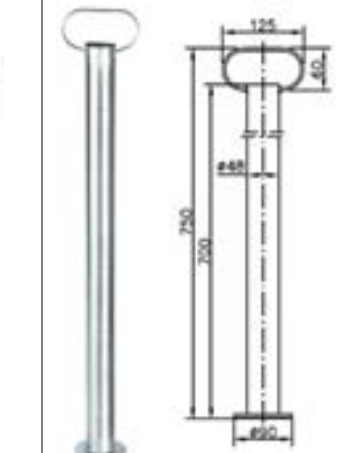
Stable maneuvering aid with fixing material. Also prevents loss of the support wheel if a locking lever is not properly tightened. For support tubes with an outer diameter of 48 mm

91398 25,-

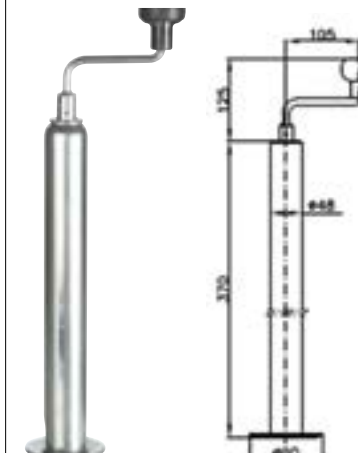




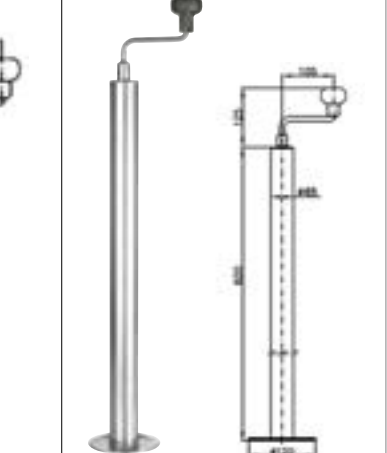
Support tube Ø 48, 600 mm
92756 21,30



Support tube Ø 48, 700 mm
92757 22,90



Support tube Ø 48, 370 mm
92758 53,20



Support tube Ø 48, 600 mm
92759 59,90

For caravan and trailer

Support wheel for caravan drawbar

- Telescopic
- Steel rim
- Loadable up to 200 kg

- ① Sturdy solid rubber wheel
 200 x 50 mm 927741 25,95
- ② Sturdy wheel with pneumatic tires
 260 x 85 mm 92774 33,95


 from **25,95**


With
Support load-
display

	Size mm	Pipe Ø	Load g.Rigid	Rim	Tires	Weight.	Item no.	Price
①	200 x 50	48 mm	150 kg	Plastic	Solid rubber	4,8 kg	92749	33,95
②	215 x 65	48 mm	150 kg	Plastic	Plastic	4,6 kg	92737	59,95
③	200x50	48mm	150 kg	Sheet steel	Solid rubber	5,0 kg	91393	38,95
④	260x85	48mm	200 kg	Sheet steel	Air	5,0 kg	91321	89,95

With drawbar load indicator, ideal for maneuvering systems:

⑤	230 x 80	48 mm	300 kg	Steel	Solid rubber	9,8 kg	92746	212,-
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With
Support load-
display

With
Support load-
display

With
Support load-
display

	Size mm	Pipe Ø	Load g.	Rim	Tires	Weight.	Item no.	Price
①	200 x 50	48 mm	150 kg	Sheet steel	Solid rubber	4,65 kg	92767	36,95
②	215 x 70	48 mm	150 kg	Plastic	Soft rubber	4,51 kg	92768	57,95
③	260 x 85	48 mm	150 kg	Sheet steel	Air	5,1 kg	92770	64,95
④	215 x 70	48 mm	150 kg	Plastic	Plastic	5,3 kg	92771	93,95
⑤	225 x 70	48 mm	150 kg	Sheet steel	Soft rubber	6,62 kg	92772	95,95
⑥	260 x 85	48 mm	150 kg	Sheet steel	Air	5,57 kg	92773	126,50
⑦	225 x 70	60 mm	500 kg	Sheet steel	Solid rubber	12 kg	92776	139,-

⑦ Fully automatic folding. Long, reinforced version.



Combi remote control
for RANGER* and UP4
*Item no. 920939 + 920940
See page 359

UP4 electric support system

- UP4 - designed for camping today
- Ideal combination with the AL-KO RANGER due to the combination remote control!

With UP4 from AL-KO you raise the supports of your caravan by remote control and adjust them to the point. As fast, secure and convenient as never before. UP4 is more than just another technical accessory. It enhances your vacation. Because you save your back, your nerves and recover already with the arrival at the campsite. Your neighbors will envy you!

One step faster No matter how fast you can crank: The UP4 electric support system makes it faster. And more relaxed.

One step more comfortable Simply extend and adjust supports by remote control. Protects the intervertebral discs. And the nerves.

One step more stable With UP4 you level out unevenness electrically and also the BIG FOOT is already included. For secure footing and more stability in the field.

One step smarter Combine the UP4 support system with the AL-KO RANGER: In future, you can park and maneuver elegantly with a single remote control.

One step safer
Simply extended by pressing a button and thus ideally secured against theft. A special adapter secures against unauthorized manual resetting.

466971 1598,--



AL-KO crank supports -
for a safe alignment
of the caravan

- ① Universal 500 kg
Weight: 3 kg

from 76,95

- ② Universal 800 kg
Weight: 3,4 kg

- ③ Universal 800 kg
Weight: 3.6 kg

- ④ Stabilform 1000 kg, long
Weight: 4.2 kg

- ⑤ Stabilform 1250 kg, long
Weight: 4,95 kg

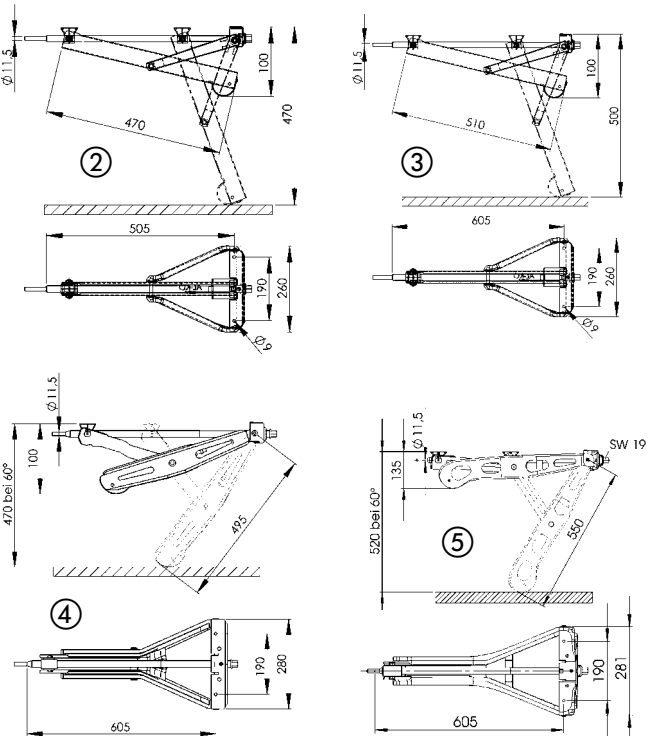


Fig.	Load capacity static	perm. Total weight of the trailer	Unscrewing length	Item no.	Price
①	500 kg	1000 kg	400 mm	91222	89,95
②	800 kg	1600 kg	470 mm	91328	76,95
③	800 kg	1600 kg	510 mm	91347	89,95
④	1000 kg	2000 kg	495 mm	91330	126,--
⑤	1250 kg	2500 kg	550 mm	91329	152,--

CARBEST
INNOVATIONS FOR MOBILE LIFE

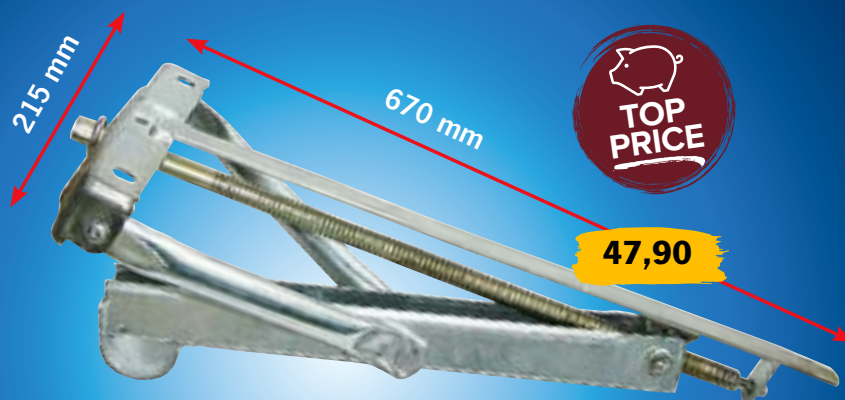


Plastic support plates set of 4

- For crank supports
- Prevents the crank supports from sinking in
- Is firmly connected to the supports
- Set consists of 4 plates

912322

12,90



Carbest universal crank support 600 kg

- Galvanized
- Static load capacity 600 kg per support
- Boring length: 497 mm
- Weight: 3,5 kg

912323

47,90

froli

Support plates

- Load capacity 1000 kg per plate
- Weight: 1 kg

Prevents crank supports from slipping or sinking.

Set of 4

92705

15,95



Incl. Bag

FIAMMA
home is everywhere

Shims

For support legs and crank supports.
Prevents sinking and provides firm footing.
Ø 20 cm. Load capacity 650 kg per plate.

4 piece

93104

21,-



WINTERHOFF
QUALITY TRAILER SYSTEMS

Winterhoff crank support ADS 460

Load capacity 400 kg,
hole spacing 200/160 mm
wide, total length with rail 575 mm,
Boring length 450 mm, material: steel,
weight: 3.5 kg.

912221

53,-



AL-KO
QUALITY FOR LIFE



Stabil Foot Set

- Safe stand for retrofiting

Stabilform plug-in supports complete with mounted AL-KO "Big Foot" heel feet at a sensational package price. Weight 19.3 kg.

Set of 4

913591

536,-

4

PARTIAL

AL-KO
QUALITY FOR LIFE

Big Foot

- With little effort, the support slides on the Big Foot and provides secure footing
- Large support surface of 20 x 18 cm
- Load capacity max. 1250 kg

Material: PA plastic, weight: 2.5 kg
Mounting holes from Bj. 2001 Series

Scope of delivery: 4 AL-KO Big Foot with mounting axles, washers, springs and nuts, mounting / operating instructions.
Suitable for AL-KO plug-in supports Stabilform and Premium

Set of 4

91359

146,95



CARAVAN ACCESSORIES



53,95

AL-KO
QUALITY FOR LIFE



AL-KO Octagon shock absorber

Improves the driving characteristics of the trailer

Dangerous bouncing of the trailer is significantly reduced. The shock absorbers can be used for almost all trailer axles. Scope of delivery: 1 shock absorber powder-coated w. Bef. Nuts and bolts.

Single axis	Tandem axle	Color	Weight. kg	Item no.	Price/pc.
to 900 kg	up to 1600 kg	Green	1,3	91386	53,95
to 1350 kg	up to 2700 kg	Blue	1,3	91387	53,95
to 2000 kg	up to 3500 kg	Red	1,3	91388	53,95
to 4000 kg	up to 7500 kg	Black	1,5	91400	53,95

Accessories: AL-KO plug-in set for mounting the shock absorbers on the chassis

914001

8,90



from **115,-**

Shock absorber for the overrun device

①	Rooster 26 x 165 mm	Extension 29-45 cm	46276	145,-
②	Rooster 200 x 150 mm	Extension 27-42 cm	46277	120,-
③	Rooster 20 x 130 mm	Extension 25-38 cm	46278	115,-
④	Grey 10 connection	Extension 19-30 cm	46279	125,-



Jack for caravans up to 3.0 t

- High quality workshop professional jack
- CE marking
- Load capacity: 2.000 kg
- Max. Height in extended state: 383 mm
- Min. height in retracted position: 170 mm
- Temperature range -20° C to +70° C
- With jacking point up to 1500 kg

Hydraulic jack CE marking, weight: 2.9 kg,

Jacking point: fastening to existing holes for jacking point, hot-dip galvanized, tested and approved up to 1,500 kg per side (=3.0 t total), cpl. incl. fastening material and assembly instructions.

Weight of receptacle: 4.5 kg, jack: 2.9 kg,

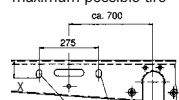
913703 164,-

AL-KO spare wheel holder

Creates space in the storage area and leads to optimal handling by shifting the center of gravity under the vehicle. The spare tire holder is very light, does not require storage space and you can safely and easily remove the spare tire on the side away from the road. Operation simple through telescopic arms. Fits AL-KO chassis from Bj. 1985. The holes for mounting the spare wheel holder are provided as standard. The holes in the longitudinal frame are set so that the tires intended for this vehicle can be accommodated there (frame spacing).

Type	Frame spacing	Weight:		
EH 1	1050-1250 mm	6,4 kg	913901	235,-
EH 1	1250-1550 mm	6,8 kg	92765	199,-
EH 1	1450-1850 mm	7,7 kg	92766	212,-
EH 1/BR	1265-1515 mm	6,8 kg	91390	255,-
EH 1/BR	1465-1815 mm	7,7 kg	91391	250,-

Dimension X to determine the maximum possible tire



Locating holes for spare wheel holder

Dim. X min. mm
75
85
95
105
115
125

Tires max. for type EH1

155 R 13
165 R 13
175 R 13; 175 R 14;
175/70 R 14
185 R 14
195/70 R 14

Which tires can be used?

Tires max. for type EH1/BR
175 R 13; 175 R 14; 175/70 R 14
185 R 13; 185 R 14
195 R 13; 195 R 14
195/70 R 14
205/70 R 14; 205/70 R 15
205/70 R 14; 205/70 R 15

(All data without guarantee)



Frame distance from outer edge to outer edge

from **199,-**

AL-KO jack

Especially for AL-KO chassis. Mounting holes are standard from 1991 onwards. For all other vehicles built after 1980, the holes may be drilled according to the operating instructions. Scope of delivery: jack, attachments for the chassis, screws and operating instructions. Lifting height min. 85 mm - maximum 375/383 mm.

Kit: up to 800 kg. Load capacity up to 800 kg, suitable for trailers up to max. 1600 kg total weight. With box. **91370** **210,-**

Kit: up to 1000 kg. Load capacity up to 1000 kg, suitable for trailers up to max. 2000 kg total weight. **913701** **212,-**

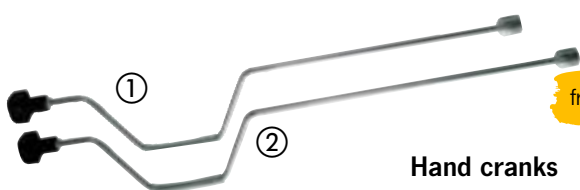


from **210,-**

Bellows

	Brand	Dimension A	Dimension B	Dimension C	Suitable for	Art. No.	Price
①	AL-KO	118 mm	28 mm	38 mm	30S, 60S, 90S, 120S/SR, 160S, 200S, 200S/SR, 250S, 75S, 100S, 101VB, 1.3VB, 2.0VB	91345	4,95
②	AL-KO	129 mm	49 mm	54 mm	161S, 251S, 131R, 161R, 251R, 251G, 161VB/VB-2/Optima, 251 VB/VB-2/Optima, 160/270VB Basic, 150V, 200V, 3000 Profi	91346	6,95
③	AL-KO	115 mm	37 mm	54 mm	351ZA; overrun brake with AKS	913461	12,95
④	Rooster	155 mm	75 mm	60 mm	older Bj.	91336	32,95
⑤	Rooster	125 mm	45 mm	35 mm	younger yr.	913362	15,95
⑥	GREY	135 mm	55 mm	55 mm		913363	9,95

Accessories for caravan crank supports



from **9,95**

Hand cranks

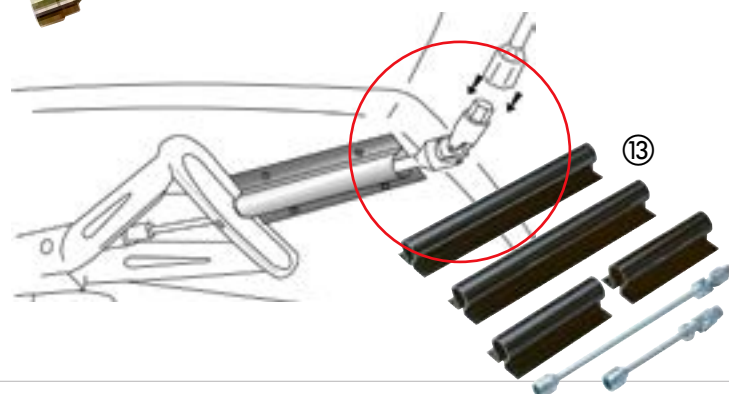
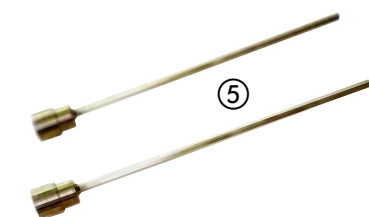
① **CARBEST crank handle** width across flats 19 mm, length 635 mm
91332 **9,95**

② **CARBEST crank handle** width across flats 19 mm, length 810 mm
91327 **11,50**

③ **AL-KO crank handle** width across flats 19 mm, length 660 mm
92781 **13,95**

④ **AL-KO hand crank**
Width across flats 19 mm, length 760 mm
92782 **19,95**

⑤ **CARBEST socket**
Width across flats 19 mm. To operate the crank support with drill or cordless screwdriver.
Length: 380 mm **91354** **4,95**
Length: 580 mm **913541** **5,95**



Mounting rail and retaining bracket

Guide and retaining bracket for subsequent attachment of the push-in props.

⑥ **Mounting rail** as guide for the Plug-in support for retrofitting. Hot-dip galvanized, weight 0.5 kg. **92761** **54,95**

⑦ **Retaining lug** for the mounting rail. Hot-dip galvanized, weight 0.05 kg.
91331 **7,95**



Spindle nuts

for crank supports (small bore Ø 16 mm)

⑧ **Metal** **92710** **19,90**

For normal support (large bore Ø 20 mm)

⑨ **Plastic** **92711** **19,90**

⑩ **Metal** **92712** **19,95**

For stabilizing support (Bore Ø 20 mm)

⑪ **Plastic, turned off**
92713 **21,95**

⑫ **Metal** **92714** **22,95**

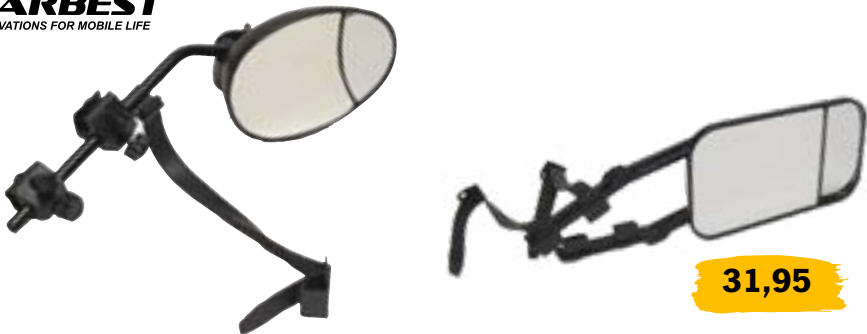
Plug-in support guide

Easier unscrewing of the crank supports.

Operation is possible standing upright.

4 plastic profiles are screwed to the caravan floor (drilling necessary for outer skirts), socket w. universal joint, 19 mm wrench size
91333 **90,95**

CARAVAN MIRROR



CARBEST
INNOVATIONS FOR MOBILE LIFE

31,95

Caravan mirror with integrated blind spot mirror

- **Very sturdy holder**
Mirror glass: L 18 x H 12.5 cm
Projection: from 25 - 45 cm Weight: ca. 250 g
- **Variable gripper arm**
Mirror glass: L 23 x H 15 cm
Projection: 40 cm
Weight: ca. 450 g

47346 36,95

473004 31,95



CARBEST
INNOVATIONS FOR MOBILE LIFE

Self-adhesive mirror for better visibility in blind spots

To stick on the outside mirror
Ø 75 mm

47102 4,99



CARBEST
INNOVATIONS FOR MOBILE LIFE

Caravan clip-on mirror

- **Variable gripper arm**
- **E-mark available**

Mirror glass: L 15 x H 11 cm. Projection: 35.7 cm. Weight: 284 g

473002 19,95

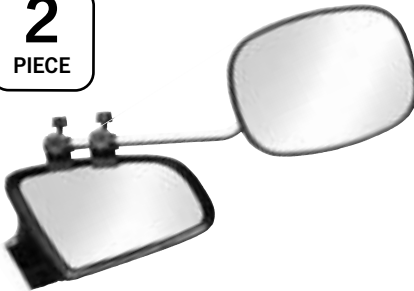


Magnum clip-on mirror

Caravan mirror with variable gripping arm
Robust rubber bands. Mirror glass: L 18 x H 13.5 cm.
Projection: from 35-40 cm. Weight: 500 g

Per piece with spherical glass 47335 23,95

Per piece with smooth glass 47336 25,95



2
PIECE

Clip-on mirror

Caravan mirror with 2 clamps for stable attachment to the exterior mirror with movable glass. Telescopic extension rods. Mirror glass: L 18 x H 13.5 cm.
Projection: from 35 - 40 cm. Weight: 2 pieces 900 g

2 pieces in set with spherical glass 47340 46,95

2 pieces in set with smooth glass 47341 49,95



2
PIECE

Colt clip-on mirror

Caravan mirror with special glass
Spherical glass. Very sturdy bracket with screw clamp and tension rubber.
Mirror glass: L 18 x H 13.5 cm.
Projection: from 35 - 40 cm.
Weight: 2 pieces 900 g

2 pieces in set with spherical glass 47337 46,95



Eco-Magnum clip-on mirror

Caravan mirror with variable gripping arm
Robust rubber bands.
Mirror glass: L 18 x H 13.5 cm.
Projection: 35 cm. Weight: 450 g

Per piece with spherical glass 47338 19,95

Per piece with smooth glass 47339 20,95



Spherical mirrors - Better view to the rear, slight distortion of the proportions are possible
Smooth glasses - Realistic representation of the following traffic

Speed Fix clip-on mirror with colored safety strips

The visual appearance of the caravan mirror perfectly matches both the modern caravan design and the lines of current towing vehicles. The high-quality mirror is characterized by its particularly aerodynamic design in conjunction with the stable mounting.

With safety stripes in the signal colors red, yellow or green for better visibility. Scope of delivery: 2 mirrors with 2 safety strips each.

Flat glass	470974	80,95
Convex glass	470973	86,95

XXL versions with extra long arm, for wide caravans

Flat glass XXL (o. Fig.)	470978	90,95
Convex glass XXL (o. Fig.)	470979	93,95



up to 2.50 m
width

Hagus piggyback

- ① **Caravan Mirror Universal Hagus Piggyback 3**
Very easy to attach with 2 tension straps.
Mirror head size: 117 x 183 mm.
2 piece **47153** **59,95**
- ② **Caravan mirror extra wide** (width over 2.5 m)
Hagus piggyback 4
with additional body support
2 piece **47138** **88,95**



Mirror with quick release

Clip-on mirror with quick mounting. The ratchet lock facilitates the assembly and disassembly of the exterior mirrors.

- ① **Handy Mirror clip-on mirror XL SUPERFLEX**
For extra large vehicles such as VW T5/T6
Per piece **47097** **54,90**
- ② **Handy Mirror Clip-on XL EXTENDED**
Per piece **470971** **52,90**



15,95

Universal clip-on mirror

- Inexpensive additional mirror
- Fits many standard exterior mirrors

Low vibration. Clamp onto the mirror and tighten with tensioning straps. With large mirror head for good rear view.

per piece	47104	15,95
Tension rubber	471041	4,95
Replacement buckle	471042	1,-



Especially for large mirrors

- Suitable for most passenger cars
- Especially suitable for VW T5/T6, Mercedes Vito

Mounting with rubber tension straps. Movable joints for individual adjustment to the car mirrors.

Pair	47125	26,95
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EMUK special mirror pairs - snug fit without vibration

- Shapely, safe and reliable
- Very clear, vibration-free mirror image
- Aerodynamic mirror head with large field of view
- Lightning fast mounting without tools due to wing screw
- Adjustable from driver and passenger seat

Assembly without tools. ECE - tested.



from **125,-**

Special caravan mirror for:

2
PIECE

Standard version Scope of delivery:

Holder left and right, 2 mirror heads
180 x 120 mm in storage bag

XL- version Scope of delivery: Holder left and right,
2 XL mirror heads 200 x 140 mm in storage bag

Designation	Standard Art. No.	Price	XL Art. No.	Price
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BMW

X3 Model F25/G01 from 2014	47306	125,-	47934	152,50
X3 Model G-01 from 11/17	47306	125,-	47934	152,50
X4 Model G-02 from 02/18	47306	125,-	47934	152,50
X4 model F26 from 2014-2018	47306	125,-	47934	152,50
X5 model F15 08/13-18	47306	125,-	47934	152,50
X5 Model G-05 from 11/18	47306	125,-	47934	152,50
X6 model F26 from 2014	47306	125,-	47934	152,50

Ford

Galaxy from 2015	47900	125,-	47986	152,50
C-Max/Grand C-Max as of 2008	47902	125,-	47936	152,50
S-Max from 2010 - 2015	47902	125,-	47936	152,50
Kuga 2008 - 2020	47902	125,-	47936	152,50

VW

T5/T6, T6.1 as of 2009	47905	125,-	47955	152,50
Tiguan from 2016	47903	125,-	47956	152,50
Sharan from 2010	47911	125,-	47957	152,50
Amarok from 2010 - 2016	47905	125,-	47955	152,50
Touareg from 2010 - 2018	47354	125,-	47958	152,50
Touareg as of 07/2018	47966	125,-	47973	152,50
T-Roc from 2017	47329	125,-	47959	152,50
T-Cross 2019	47329	125,-	47959	152,50

Designation	Standard Art. No.	Price	XL Art. No.	Price
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Seat

Alhambra from 2010	47911	125,-	47957	152,50
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Skoda

Superb II 2008 - 2015	47912	125,-	47960	152,50
Superb III from 2015	47917	135,-	47961	152,50
Octavia III from 02/13	47329	125,-	47962	152,50
Yeti 2009 - 2017	47911	125,-	47957	152,50
Kodiaq (with driving assistance camera)	47918	125,-	47963	152,50

Mercedes-Benz

B-Class W 247 as of 12/18	47915	125,-	47939	152,50
C-Class from 2014	47915	125,-	47939	152,50
E-Class station wagon/limousine as of 2014	47915	125,-	47939	152,50
V-Class (Van) from 04/2014	47308	125,-	47941	152,50

You can find many more special mirrors at:

www.reimo.com



EMUK Anti-theft kit for special mirrors

Available as a retrofit kit. Loosening the star grip is only possible with Security key possible.

Per piece

47286

26,95





EMUK Universal mirror III, Light and XL

- Very stable base body made of high performance plastic
- 2 swiveling clamps with special anti-slip rubber coating
- Aerodynamic mirror head adjustable in all directions with curved safety mirror glass
- Stainless steel clamping screws with knurled grip running in brass nuts
- Complete in set, 2 mirrors with holder right and left, as well as the pressure pieces

2

PIECE

Universal mirror UNIVERSA III (without fig.)

Exterior mirror suitable for almost all vehicles with adjustable mirror glass	47289	98,50
Replacement mirror head	47293	20,95

① Universal Light

With straight aluminum tube (thus increased mirror head position).
Aluminum tube without powder coating

47292 76,95

② Universal mirror XL

Extra large mirror glass including reflector. Mirror surface 200 x 140 mm, wide angle 450 mm, aluminum tube bent and powder coated

47307 109,-

CARBEST
INNOVATIONS FOR MOBILE LIFE

Reflectors/Reflectors



Triangle reflector

2 pieces, Dimensions: 156 x 136 mm
468460 3,95



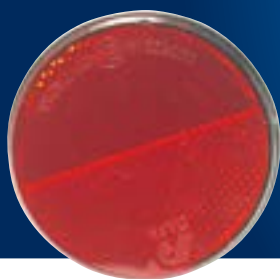
Reflector, angular, clear

2 pieces, Clear. Dimensions: ca.95 x 38 mm
468612 2,95



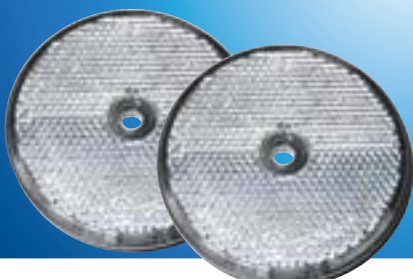
Reflector, angular, red

2 pieces, Red. Self-adhesive. Dimensions: 95 x 38 mm
468611 2,94



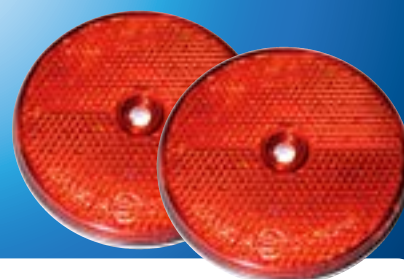
Reflector, round, red, single

1 piece, red, self-adhesive, Ø 72 mm
46861 2,95



Reflector, round, clear

2 pieces, White, Ø 72 mm
468520 2,95




Reflector, round, red

2 pieces, Red, Ø 72 mm
468530 2,95

Further vehicle lights can be found on pages 1040 to 1046

TRAILER ELECTRICS



Cable

- 13-pole

For wiring trailers. 8 x 1.5^{mm2} and 5 x 2.5^{mm2}, per linear meter

82136

20,95



Plug 7 pin

- Plastic housing

To towing vehicle

82100

3,95



Plug 7 pin

- Steel housing

82132

3,95



Plug 13 pin

- With locking device.

Contacts nickel plated

82106

8,95



Short adapter

From 7-pin or Multicon socket on towing vehicle to 13-pin plug on trailer

82107

9,95



Trailer socket

- 7-pole
- Steel housing

821321

4,95



Trailer socket

- 7-pole
- Plastic housing

821022

3,95



Trailer socket

- 13-pole

With switching off the rear fog light on the car

82105

8,95



Mini short adapter

From 13 to 7 poles. Very compact design for cars with 13-pin socket and trailers with 7-pin plug

82137

9,95



Short adapter

From 13-pin socket on towing vehicle to 7-pin plug on trailer

82108

7,95



Multicon* WeSt connector

13-pin . Multicon connector, also fits in 7-pin. Can

82114

19,95



Adapter cable

- Socket to plug
- Cable 30 cm long:

7-pin socket to 13-pin plug

821324

14,95



Coupling

- 13-pole

For extension cable with 13 connection poles

82113

9,95





Connection example


LightOn Caravan Ambient lighting

- Convenient handling via remote control
- 13 pol. Plug connection according to DIN ISO 11446
- Weather protection box for power supply included
- Connection via 230 V house current
- "Made in Germany"


Create a special ambience in your showroom or at the trade fair. Switch on the driving lights of your caravan completely without a towing vehicle. The light can be conveniently switched on and off via the remote control.

82300


119,-



Standard 7-pin.



Standard 13-pin . (Hunter system)



13-pin . Multicon (WeSt)

no longer usual

Assignment of 7- and 13-pin connectors

7-pin.		13-pin.				
No.	DIN	No.	DIN	Consumer	Color	Cable Ø
1	L	1	L	Turn signal left	Yellow	1,5
2	54G	2	54G	Nebelschlussl.	Blue	1,5
3*	31	3*	31	Ground (7 pin) Ground 1-8 (13 pin)	White	2,5
4	R	4	R	Turn signal right	Green	1,5
5	58R	5	58R	Taillight re.	Brown	1,5
6	54	6	54	Brake light	Red	1,5
7	58L	7	58L	Taillight li.	Black	1,5
		8	ZR	Reversing light	Gray	1,5
		9	30	Continuous positive (+)	Brown/Blue	2,5
		10		Charging line (+)	Brown/Red	2,5
		11		not allocated		1,5
		12		not allocated		1,5
		13*	31	Ground Pole 9-12	Black/White	2,5

*The ground lines must not be connected conductively.

*The 13-pin Multicon WeltStecker (WeSt) also fits into 7-pin junction boxes, but not into today's 13-pin sockets (Jäger system).

Digital caravan scales for weight control

For weighing the support and wheel loads. Digital LCD display up to 1,000 kg. 3 batteries à 1.5 V required. Control over total weight and partial loads of individual wheels. Suitable for cars, vans, motorhomes caravans and trailers. Prevents overloading and uneven loading. Own weight only ca. 1 kg. Awarded the Golden C of the DCC.

3 measuring programs for caravan with 1 axle and support wheel, caravan with tandem axle and support wheel, motorhome.

① LCD display 1000 kg	91228	189,95
② LCD display 1500 kg	912282	221,-



Digital tongue load scale TLC

Digital display readable in 1 kg steps, measuring range up to 109 kg Single-axe 912251 55,95 Tandemachser 912252 55,95

Digital tongue load scale STB 150

Simple and precise measurement of the support load during the loading process. Measuring range up to 150 kg, digital display. Robust and durable design.

Technical data: Max. Load 150 kg, display 4 digits, display steps 0.5 kg, accuracy +/-3%, battery 9 V block, own weight ca. 450 g, length 340-430 mm. The support load scale is not calibrated.

① Black	912255	67,50
② Orange	912256	67,95
③ Orange with Bluetooth	912257	80,95

Support load scale aluminum

Stand made of plastic.

④ Weighing range 50 to 100 kg	912250	15,95
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Support load scale

for all trailers with ball hitch.

⑤ Weighing range 50 to 100 kg	91225	11,95
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Digital support load scale

Digital, easy-to-read display. Continuous measurement acquisition during charging. Remains precise even after long use.

⑥ Measuring range up to 150 kg	912258	29,95
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- Safe function without spring
- Data acquisition during the entire loading process
- Easy handling



Spirit levels

① CARBEST Magnetic Spirit Level With magnetic strip and 3 vials, Material: PP+TPR	912000	4,95
② CARBEST Caravan scale with 2 vials, magnetic	912271	3,95
③ Double spirit level with 2 spirit levels, magnetic. Dimensions: 100 x 20 x 45 mm	912181	5,95
④ Circular spirit level 1 spirit level round Ø 30 mm	91217	8,30
⑤ Spirit level level Assorted colors in orange and black Dimensions: 100 x 35 x 12 mm	912185	9,95

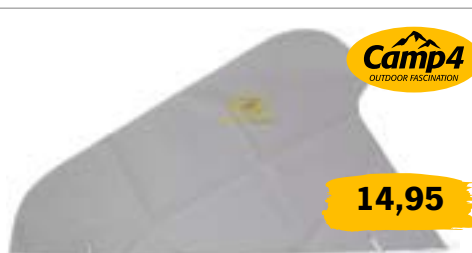


• incl. protective bag

Protective cover

for the drawbar, made of weatherproof PVC, dimensions: 86 x 60 cm. With sturdy fastening straps. Suitable for all common drawbars

90508	8,95
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Weather protection

for drawbar and jockey wheel made of extremely durable and robust polyurethane. Color: Silver, Dimensions: 120 x 63 cm

914951	14,95
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Weather protection

for drawbar and jockey wheel. Color: Black, Material: Polyester, Dimensions 120 x 63 cm

914950	8,95
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Thermal protection tarpaulin for caravan

• **Protection from cold, noise, scratches and pollution**
This thermal protection tarpaulin with integrated 10 mm polyester insulation keeps the bow or the rear of the caravan free from ice and snow and prevents possible drafts. The fastening is done by means of pull-in piping (Ø 7 mm) and eyelets at the bottom edge for tensioning. Rubber clamps are included in the scope of delivery.

Material:

- Exterior: PE fabric, color: light gray, waterproof or winterproof
- Polyester inner insulation 10 mm
- Backside: NONWOVEN SFS-3, 3-ply, 160 g/m², breathable, water repellent (WINTERTIME)

180 x 150 cm	904751	224,-
200 x 150 cm	904752	245,-
220 x 150 cm	904753	249,-
240 x 150 cm	904754	255,-



Bow tarp Wintertime

- Breathable
- Zipper for views to the outside

Protects the front surface. Keeps the bottle crate free of snow and ice: 3-ply with protective padding. With pull-in piping (Ø 7 mm) and eyelets for tensioning.

140 x 160 cm	904797	99,-
180 x 160 cm	90479	99,-
200 x 160 cm	904791	99,-
240 x 160 cm	904795	115,-
240 x 200 cm	904796	119,-



Gas box cover

Protection from ice and snow. Winterproof white tarpaulin material with protective coating. Welded piping at the top, guy eyelets at the bottom.

200 x 90 cm	9047931	69,-
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Floor skirt

Tarpaulin made of 210T polyester, PVC coated. With 2 large and 2 small pockets. With packing bag. Weight 3.3 kg. Dimensions: W 600 x H 45 + 14 cm

90599	62,95
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Caravan protective covers Premium


- Reliable, water repellent weather protection
- Roof made of Tyvek-like breathable material in white for optimal UV protection
- Good ventilation, reduction of mold risk
- Made of tear-resistant 3-ply SFS fabric:
Roof 125 g/m², Sides 100 g/m²

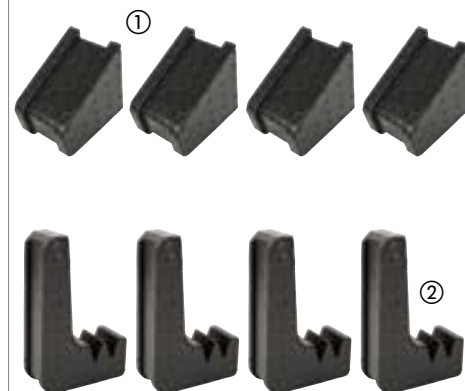
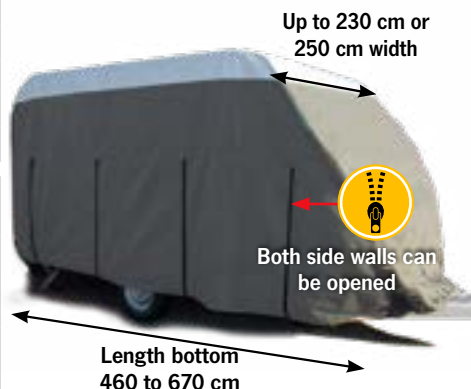
Breathable and weatherproof protective cover maintains the value of your caravan. The side wall is easily opened by zipper and allows access to the caravan.

Up to 230 cm caravan width, height 220 cm		
Length 460 cm - 520 cm	928541	269,-
Length 520 cm - 580 cm	928542	279,-
Length 580 cm - 640 cm	928543	289,-

Up to 250 cm caravan width, height 220 cm		
Length 510 cm - 550 cm	928544	240,-
Length 550 cm - 590 cm	928545	250,-
Length 590 cm - 630 cm	928546	271,-
Length 630 cm - 670 cm	928547	282,-

Winding aid for caravan and motorhome cover

		
Telescopic 71 - 120 cm, material: aluminum, with hook.	903075	9,95



Spacer + caravan corner protection when using caravan protective roof

- Protects your caravan
- Especially light

Protect the exterior wall of your caravan from chafing when using a caravan canopy/cover.

- ① **Spacer 4 pieces**
Dimensions: 12 x 12 x 7.5 cm, weight: 0.1 kg
928643 14,95
- ② **Caravan corner protector 4 pieces**
Dimensions: 27.5 x 17.5 x 7.5 cm, weight: 0.15 kg
928644 24,95



Caravan protective cover - for caravan up to 230 or 250 cm width

from 189,-

- Reliable weather protection
- With zipper on all 4 corners, flexible to open
- Protective hood winterproof and breathable at the same time
- Good ventilation, reduction of mold risk
- Made of high-strength 3-layer SFS fabric: 160 g/m²
- Waterproof and UV resistant

With this breathable protective cover you protect your caravan from UV radiation, mold, water, dirt, dust, and other Weather influences. The roll-up side wall allows access at any time.

For caravans up to 230 cm wide, height 220 cm		
L 460-520 cm	928628	189,-
L 520-580 cm	928629	199,-
L 580-640 cm	928630	209,-
L 640-700 cm	928631	249,-
L 700-760 cm	928632	259,-

For caravans up to 250 cm wide, height 220 cm		
L 470-510 cm	928633	215,-
L 510-550 cm	928634	246,-
L 550-590 cm	928635	277,-
L 590-630 cm	928636	304,-
L 630-670 cm	928637	292,-
L 670-710 cm	928638	304,-



from 126,-

Caravan canopy - for caravan up to 230 cm width

- Reliable weather protection
- Caravan tarpaulin winterproof and breathable
- Partial cover for better ventilation: reduction of mold risk
- Made of high-strength 3-ply SFS fabric 160 g/m²
- Waterproof and UV resistant

Caravans are exposed to the weather - especially when the vehicles are parked outdoors. Precipitation and intense sunlight, but also dust, dirt, bird droppings or tree resins leave their mark over time and impair not only the appearance of the vehicles, but also their service life.

A caravan cover is inexpensive to purchase and provides reliable protection. As a result, the paint of your vehicle remains maintained and does not weather - and your upholstery fabrics in the interior are also protected from fading by the caravan cover. Color: Grey

505 x 300 cm	92862	126,-	655 x 300 cm	928622	158,-
555 x 300 cm	92863	129,-	705 x 300 cm	928623	183,-
605 x 300 cm	92864	139,-	755 x 300 cm	928624	222,-



FLOOR SKIRTS/TIRE COVERS/WHEEL WELL COVERS



HINDERMANN



Tandem model

Tire protection cover Reflex – For cars, caravans and motorhomes

The cover has a reflective front surface to keep out UV rays that damage the tire and reduce heat exposure. The cover rests on the tread and can not slip down. The incorporated piping gives shape and support. Built-in eyelets for ground nails serve for secure fastening.

Envelope size W 635 x D 185 mm, for e.g. 14"	90477	17,50
Cover dimension W 665 x D 215 mm, for e.g. RM 15", 215/70/R15	904704	19,-
Cover dimension W 690 x D 225 mm, for e.g. RM 16", 235/75/R16	904771	22,50
Cover dimension W 740 x D 225 mm, for e.g. RM 17", 225/75/R17	904770	25,-
Envelope size up to Ø 780 mm, for e.g. SUV's	904705	27,50
Envelope dimension 1550 mm long, for tandem	904706	32,50



HINDERMANN



Wheel arch cover

Winterproof, approx. 430g/sqm. Textile piping to retract, height approx. 1 m.

For single axle:

Fendt from Bj. 2011	904788	37,50
Hobby	904772	29,-
Hobby De Luxe/Prestige/Excellent	904789	29,-
LMC (TEC)	904700	29,-
Knaus from 05	904777	29,-
Tabbert	904781	29,-
Bürstner	9047721	29,-
Hymer Nova/Sporting	904780	29,-
Knaus Sport	904784	29,-
Knaus South Wind	904785	29,-

For tandem axles:

Hobby Tandem Prestige from 2014, De Luxe from 2015	904702	45,-
Hobby	904773	45,-
Tabbert Vivaldi/Puccini/Da Vinci/Paganini/ Baronesse Tandem from 2011	904703	45,-
Tabbert	904782	45,-

CARBEST
INNOVATIONS FOR MOBILE LIFE

Tire cover

- 3-layer insulating material
- Reflective surface to reduce heat generation
- Complete cover
- 2 eyelets for mounting

Color: Silver **90494** **11,95**



Tire protection cover

- Oxford fabric
- Thickness 800D
- Color gray
- Net weight: approx. 0.3 kg

14-15 inch	904709	9,95
16-17 inch	904708	10,95



Floor skirt

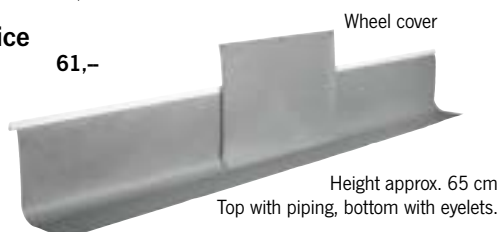
Prevents drafts from passing under the vehicle.

THULE

B 300 cm	43076	80,-	B 450 cm	430771	85,-
B 325 cm	430760	81,-	B 500 cm	43078	91,-
B 350 cm	430761	81,-	B 550 cm	430781	
B 375 cm	430762	83,-	B 600 cm	430782	94,-
B 400 cm	43077	83,-			

Wheel cover orifice **430783**

61,-



Wheel cover

Height approx. 65 cm
Top with piping, bottom with eyelets.



HINDERMANN

Floor skirt

Winterproof tarpaulin with textile piping. Film about 30% stronger than usual. Plastic eyelets welded in at intervals of 50 cm, light gray.

Height 50 cm:			Height 75 cm:		
Length 5 m	904720	57,95	Length 5 m	904726	62,50
Length 10 m	904724	116,-	Length 10 m	904727	125,-
Length 25 m	904725	287,50	Length 25 m	904729	312,50

CARBEST
 INNOVATIONS FOR MOBILE LIFE

Single and double step

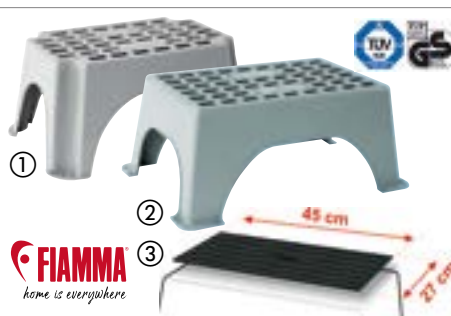
- Very sturdy design made of steel
- Slip resistant due to rubber pads
- Ideal for motorhomes and caravans

- | | | |
|--|---------------|--------------|
| ① Single step Black Dimensions: W 380 x H 250 x D 390 mm, Weight: 2.3 kg | 912051 | 29,95 |
| ② Double step black Dimensions: W 380 x H 381 x D 634 mm, Weight: 4.3kg | 912050 | 39,95 |
| ③ Single step Grey Dimensions: W 380 x H 250 x D 390 mm, Weight: 2.3 kg | 912031 | 27,95 |
| ④ Double step Grey Dimensions: W 380 x H 381 x D 634 mm, Weight: 4.3kg | 91203 | 42,95 |
| ⑤ double step with handrail Grey Dimensions: W 640 x H 375 x D 430 mm, Weight: 5,0 kg | 912026 | 37,95 |
| ⑥ Single step with handrail Grey Dimensions: W 360 x H 255 x D 440 mm, Weight: 3.2 kg | 912025 | 29,95 |
| ⑦ Supports for treads Dimensions: W 350 x D 230 mm, weight: 0.16 kg | 912033 | 3,95 |
| ⑧ Sink-in protection 4 pieces , prevents sinking in on soft ground | 912039 | 9,95 |


Plastic steps

Polypropylene, thermoplastic material

- | | | |
|--|---------------|--------------|
| ① Steppy Dimensions: L 490 x D 340 x H 230 mm, Weight: 0,99 kg, Color: Grey | 91202 | 11,-- |
| ② LIPPERT Spot Dimensions: L460 x D280 x H230 mm, Weight: 1,2 kg, Color: Grey | 912020 | 14,50 |

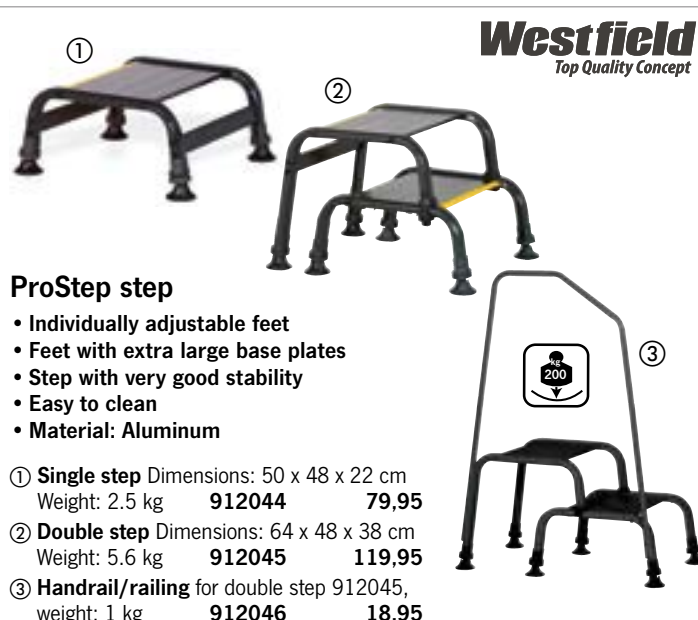

Plastic steps

- | | | |
|---|---------------|--------------|
| ① Step polyethylene, compact, non-slip & stable, dimensions: L 50 x D 35,5 x H 23 cm | 912382 | 13,-- |
| ② Entrance step Magnum Non-slip and robust, dimensions: L 57 x D 40 x H 24 cm | 912381 | 21,-- |
| ③ Step cover for Step/Magnum | 912383 | 12,-- |
| Magnum | 912384 | 12,-- |

CARBEST
 INNOVATIONS FOR MOBILE LIFE

32,95
Plastic double step XL

Load capacity up to 150 kg Dimensions: L 700 x D 600 x H 370 mm. Weight 4 kg

912040 32,95

ProStep step

- Individually adjustable feet
- Feet with extra large base plates
- Step with very good stability
- Easy to clean
- Material: Aluminum

- | | | |
|---|---------------|---------------|
| ① Single step Dimensions: 50 x 48 x 22 cm Weight: 2.5 kg | 912044 | 79,95 |
| ② Double step Dimensions: 64 x 48 x 38 cm Weight: 5.6 kg | 912045 | 119,95 |
| ③ Handrail/railing for double step | 912046 | 18,95 |


Aluminum double step

- | | | |
|---|--------------|--------------|
| ① Double step "Darwin" Robust aluminum step Dimensions: D 650 x W 430 x H 382 mm. Weight: 3.2 kg | 91204 | 87,95 |
|---|--------------|--------------|

- | | | |
|---|---------------|--------------|
| ② Stepfoot sink-in protection Prevents the step from sinking in on soft ground | | |
| 4 pieces in set | 912041 | 22,95 |

Handrail for double step "Darwin"

- | | | |
|--|---------------|--------------|
| ③ Material: steel, color: dark gray, size handrail: W 640 x H 1060 mm Height above step: 878 mm. Weight: 2.8 kg | 912042 | 47,95 |
|--|---------------|--------------|

STEPS

① **Steel step**, loadable up to 150 kg. Dimension opened: 61.5 x 40 x 23 cm. Dimension closed: 48 x 30 x 8.5 cm. Weight: ca. 3.2 kg. **91184 34,90**

② **Step made of aluminum** Loadable up to 150 kg. Dimension opened: 48 x 37 x 22 cm. Dimension closed: 48 x 37 x 7 cm. Weight: ca. 3.1 kg. **91190 69,95**

③ **Folding step**, versatile and extremely durable. **With large tread surface** 37 x 31 cm and non-slip surface. Height: 24 cm. When folded, it is only 5 cm high and therefore easy to store. Loadable up to 130 kg. Pack size: 38 x 37 x 5 cm. Polypropylene. Weight: ca. 2.1 kg. **91185 18,90**

④ **Plastic step**, foldable. Loadable up to 150 kg. Dimension opened: 41.5 x 27.5 x 25.2 cm. Dimension closed: 51.5 x 28 x 8.5 cm. Weight: ca. 1.5 kg. **91194 19,95**

CARBEST
INNOVATIONS FOR MOBILE LIFE

Non-slip tread

Foldable flat

① **Medium** Max. 150 kg. Weight: ca. 1.14 kg. 50 x 34,5 x 23 cm **912389 9,95**

② **Large** Max. 150 kg. Weight: ca. 1.5 kg. 58 x 39,5 x 24,5 cm **912380 13,95**

③ **Entry level Practic** Sturdy plastic. Dimensions: 410 x 260 x 220 mm. Color: gray. Weight: ca. 1 kg. **91218 10,95**

④ **Entry step Primus** Made of plastic. Dimensions: 470 x 350 x 250 mm. Color: gray. Weight: 2.4 kg. **912189 26,95**

CARBEST
INNOVATIONS FOR MOBILE LIFE

CARBEST
INNOVATIONS FOR MOBILE LIFE

NEW 2023

Step mat black

- For manual and electric treads
- Ideal for motorhomes and caravans
- Quick assembly
- Easy cleaning
- Durable

Suitable for treads from 38 x 40 cm to 45 x 40 cm. Reliably protects your interior from dust and dirt. Includes 2 springs for mounting. Weight: 0,18 kg **516100 14,99**

Step for caravans

- Extendable by hand
- Fuse in open and closed position

With mounting brackets for attachment to various types of chassis. Four different positions (29/55/82/108 mm) can be set. Weight: 4.7 kg **912093 184,-**

THULE

Footsteps floor mats

For manual or electric steps of caravans or motorhomes. Easy to clean, fitted with springs as standard. Can be cut to the desired size. Plastic. Weight: 0.23 kg. For steps from min. 38 x 40 cm to max. 45 x 40 cm.

Green **51658 25,-**
Black **51659 25,-**

FIAMMA
home is everywhere

CARBEST
INNOVATIONS FOR MOBILE LIFE

Escali - the multifunctional ladder with max. 3.2 m height!

- Ideal for loading the roof box or cleaning the caravan and motorhome
- 11-stage, extended height max. 3.20 m!
- Compactly foldable, fits comfortably in the trunk or in the rear garage
- Loadable up to max. 150 kg, weight ca. 9.1 kg

Safety note: According to TÜV regulations, the Escali multifunctional ladder must protrude 70 cm above the sling height!

Escali multifunction ladder

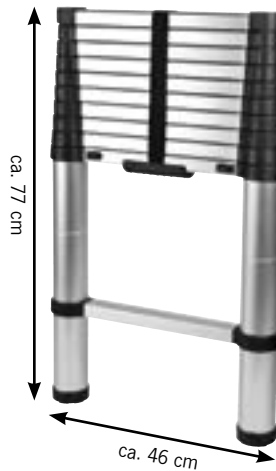
Approved according to EN 131-6.

Packing size: height ca. 77 cm, width ca. 44/46 cm

440130 169,-



EN 131-6
ZUGE-
LEAVE



Access ladders for sleeping roofs or bunk beds

- Foldable aluminum ladders in 2 sizes
- Fits between driver and passenger seat
- Small to tuck away, ideal for travel
- Loadable up to 100 kg

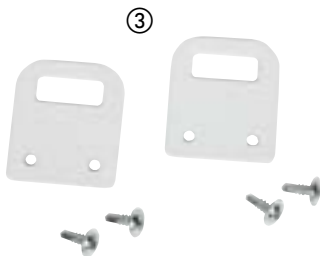
① **Short ladder for VW T5/T6:** L 145 x W 29 cm, Pack size: L 89 x W 29 x H 9.5 cm, Weight ca. 2.8 kg
42131 146,50

② **Long ladder for Fiat Ducato, VW Crafter, MB Sprinter):** L 208 x W 38 cm, packing size: L 121 x W 38 x H 9.5 cm, Weight ca. 5 kg
42132 159,50

③ **Hanging bracket:** suitable for the sleeping roof ladder. (42131: special production for VW California). Size: W 40 x H 36 mm Scope of delivery: 2 brackets + incl. 4 screws.
42133 17,50



Quick hook-in function



④ **Short ladder for VW T5/T6:** L 145 x W 29 cm, Pack size: L 84 x W 29 x H 8 cm, Weight ca. 2.8 kg
42121 158,50

⑤ **Long ladder for Fiat Ducato, VW Crafter, MB Sprinter):** L 208 x W 38 cm, packing size: L 128 x W 38 x H 10.5 cm, Weight ca. 5 kg
42122 165,50



Hook-in function with interlock



CARBEST
INNOVATIONS FOR MOBILE LIFE

Compact aluminum folding ladder with max. 2.1 m height

- Material: Lightweight aluminum
- Loadable up to max. 150 kg

Aluminum folding ladder

With 6 levels. Dimensions opened: 210 x 45 x 6 cm, Dimensions closed: 210 x 6 x 6 cm.

Weight ca. 3.8 kg

44005

89,90



You can find more ladders and dropouts on our homepage at www.reimo.com