





Lippert is a leading, global manufacturer and supplier of highly engineered products and customized solutions, dedicated to the promise that whenever, wherever, we make your experience better. We engineer, design and manufacture products in EMEA focusing on lightweight and space-saving product designs crucial for success in the European Caravan Market. With teams across the continent, we provide a complete line of high-quality products.

Whenever, wherever, we make your experience better.™

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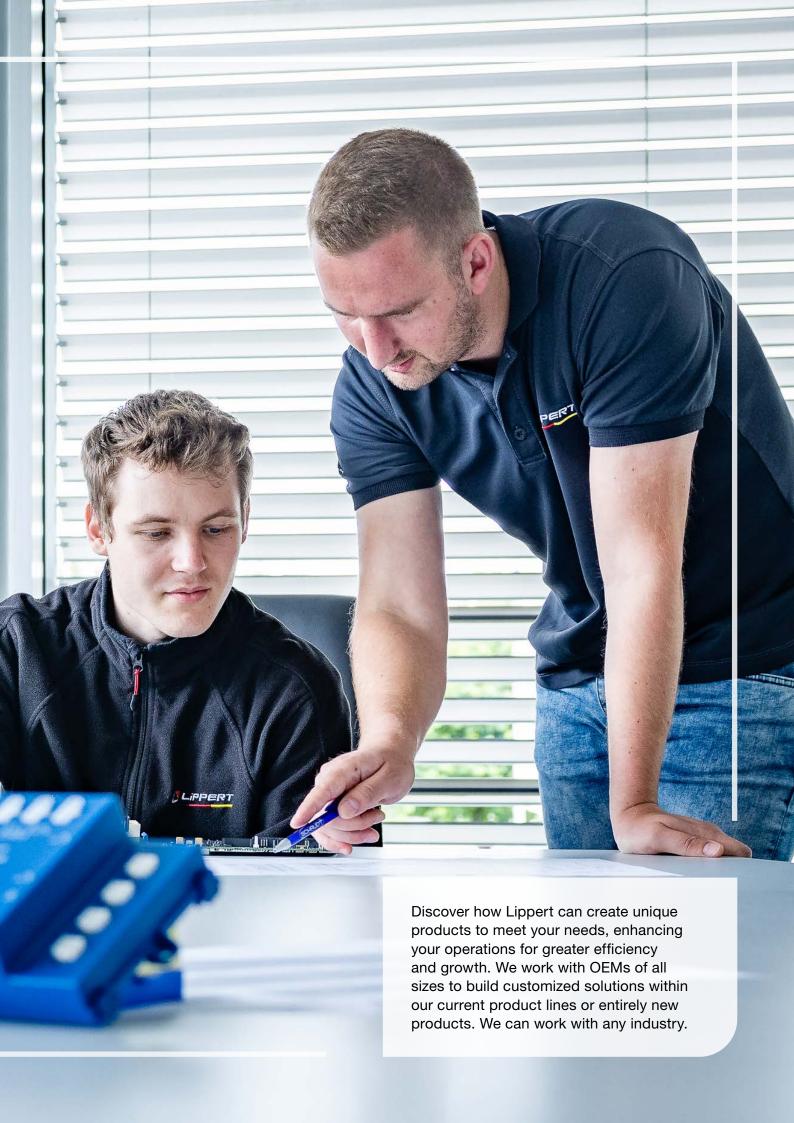


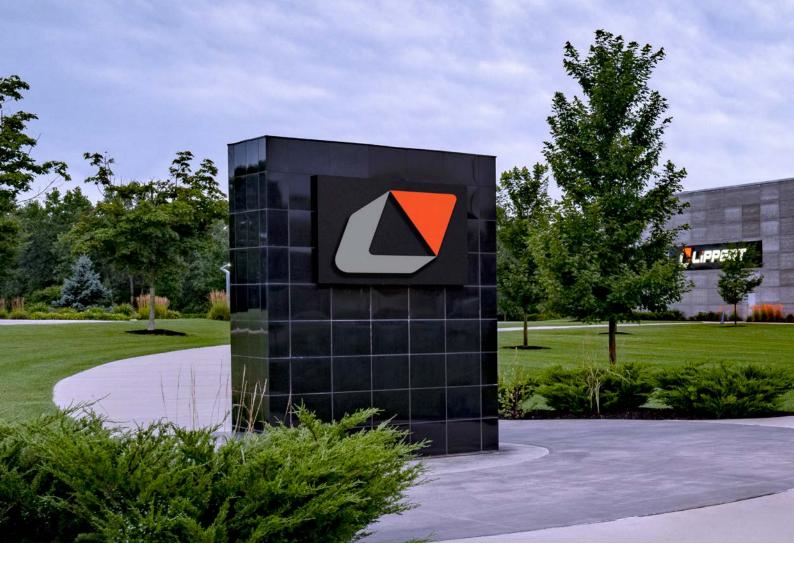












PRODUCT CUSTOMIZATION

Turning your challenges into powerful solutions

For us, it all comes back to people. We strive for innovation, quality, efficiency, and safety because we know it's our people on the line, our customers bringing our products to the world, and our consumers who experience the difference.

In EMEA, one of Lippert's strongest drivers is to design, create, and produce unique custom products. This focus is central to our existence, spanning the caravanning, marine, rail, retail, engineering parts, and equestrian industries.

We are excited to work with you, leveraging our resources and capabilities to produce truly customized solutions. Together, we can shape the future of your industry.

What sets Lippert apart

Lippert is about much more than just 'a product.' Armed with our unique blend of capabilities and culture of innovation, we take your ideas and turn them into industry-leading solutions for the betterment of your customers and the growth of your business.

Working with us is easy. From conceptualization to tangible results, our team will walk with you through each step of the process for tailored solutions. You don't have to know the solution up front. You don't even have to know the exact problem.

All you have to do is ask. Contact your Lippert sales representative for more information and to learn how to qualify.



WORK WITH US

Our three-step process

With our extensive manufacturing capabilities, we serve a wide variety of industries and specialized sub-industries, beyond our core product offering. Whatever your requirements, no matter the industry, our team is ready to work with you to provide a customized solution tailored to your needs.



1. Bring us your opportunity

Our team is standing by, ready to help. We have built our company by bringing our customers' ideas to life, consistently overcoming design, supply chain, and financial constraints. No opportunity is too big for us.



2. We create a solution

With a clear view of the opportunity, we can get to work on the answer. We leverage our dedicated operation, engineering, innovation, product management, and supply chain teams and utilize our rich history and experience to find the most effective solution possible.



3. Everyone wins

With a concrete solution in hand, we activate our talented workforce and extensive manufacturing capabilities. The result? We all win! Whether it's a simple component or a complete system, our aim is to help your business succeed.



THE SEVEN PHASES OF CUSTOMIZATION

KICKOFF Project requirements defined, stakeholders identified, and project's direction set. Essential to engage early with customers to understand unique needs and expectations. **PLANNING** Beginning of customization. Project approach, scope, and timeline outlined. Customer involvement ensures specific requirements are considered. Wellstructured plan sets the foundation. **PRODUCT DESIGN** Product takes shape. Details such as materials, features, and aesthetics defined. Collaboration between designers, engineers, and customers ensures alignment with expectations. **PROCESS DESIGN** Focus on establishing control plans, addressing labeling and packaging requirements, and ensuring consistent quality. Well-designed process streamlines production. **VALIDATION** Manual readiness is assessed. Documentation, training, and resources verified. Any gaps addressed before moving forward. **PILOT** Testing occurs. Prototypes or small-scale versions of the solution are evaluated. Adjustments are made based on feedback. **LAUNCH** The solution is ready for market. Product documentation is created and marketing campaigns defined. Effective communication ensures successful launch.



CUSTOMIZATION BENEFITS

Discover how tailoring your business operations can drive efficiency and growth. Custom product development has the potential to elevate your business to new heights. While off-the-shelf solutions often fall short, we aim to empower you to boost sales and foster growth!



Scan or visit us at lippertcomponents.eu

Custom fit

We create custom solutions that align with your needs. Our team collaborates with you to understand your unique challenges, ensuring the final product is a perfect fit for your business.

Co-engineer

Our co-engineering approach involves working hand-in-hand with your team throughout development, blending your industry knowledge with our engineering expertise to create bespoke solutions.

Ownership

Our collaborative approach ensures your vision is realized, making you an integral part of the journey. This results in a product that truly reflects your brand and meets your unique needs.

Efficiency

We streamline production to deliver custom products on time and within budget. Our standardized manufacturing keeps costs low, ensuring you get precisely what you need without compromising on quality.

Co-develop

Our codevelopment process ensures that you are involved at every stage, from brainstorming to final production. We value your input and feedback, which helps us fine-tune our solutions.

Support

Our relationship continues after delivery. We offer ongoing support to ensure your custom solution performs optimally, with technical assistance, regular maintenance, and updates always available.

Design

Our design philosophy is centered around you. We create functional, innovative solutions by transforming your ideas into reality with cutting-edge technology and industry best practices.

Cost savings

We provide cost-effective solutions through standardized production and customization, leveraging our manufacturing capabilities and efficient supply chain management to keep costs low.

Contact us

Contact your Lippert sales representative for more information and to learn how to qualify.



WHY CHOOSE LIPPERT?

We thrive on innovation and building customized solutions outside of our 'regular' product lines is standard procedure. We can work with any industry, any size.



Innovating the future of caravanning

Lippert is a leader in the caravanning industry, supplying highly engineered components to our valued customers, from OEMs to end consumers. Our exceptional manufacturing and passion for RVing drive industry innovation and quality.



Pioneering next generation products

Our advanced facilities, customized robotics, and intelligent automation are spearheading the future of your products. With cutting-edge machinery and world-class processes, we develop both customized and standardized products without compromising efficiency. Whether you choose a custom solution or a standard product, you can count on consistent, reliable service with the same lead times.



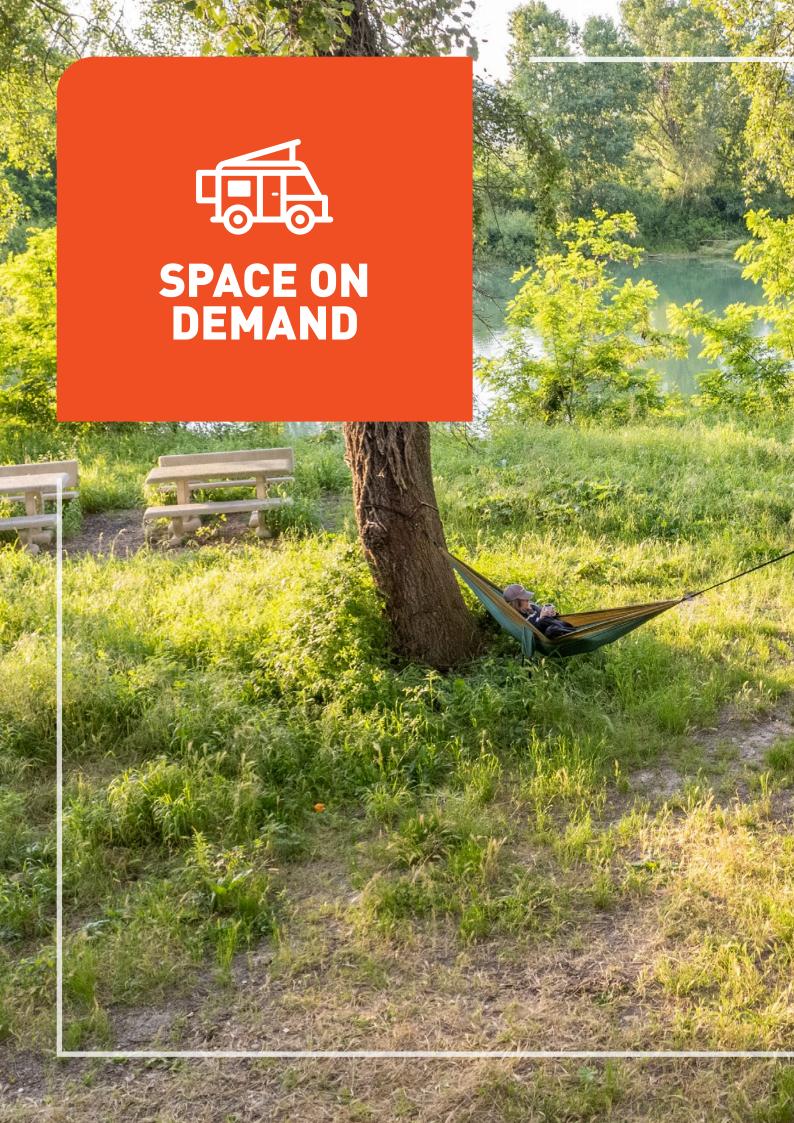
Research and development

Our dedicated R&D teams tirelessly optimize our award-winning products. We engineer world-class components, electronics, digital applications, and software to create tailored products that offer simple, seamless, and sophisticated experiences.



Embracing smart home technology

We are embracing the 'smart home' concept in the caravanning industry, developing products that allow you to control your unit from a mobile phone app. This innovation provides enhanced convenience and connectivity, making it possible to manage various aspects of your caravan remotely.





VELA

Pop-up roof

- Designed for third generation Fiat Ducato H2
- Robust top and bottom panels are constructed with thermoformed technology using acrylonitrile butadiene styrene (ABS) and polymethyl methacrylate (PMMA) with closed-cell extruded polystyrene foam spacers
- Testing and quality protocols ensure performance, durability, and reliability
- Construction materials make this pop top lighter than standard rooftop units
- Canvas made from 100% double-coated polyester
- Two LED map lights illuminate the area around the bed for safety
- Pre-wired with electric cable to manage the roof light and solar panel (not included)
- Folding ladder available upon request
- Large aluminum bed frame with wooden slats provides ample sleeping space (mattress not included)
- Available only with blind spoiler



Color options'

Fiat 549

Ral 7040

White

Window grey



Provides an extra sleeping area with primary access through the roof of the unit



Integrated USB ports conveniently charge phones, tablets and more



Two rooftop LED light strips provide overhead lighting

Space	^t ∠ Length	[†]	[†]	Solar Panel Allowance
Closed	3.000 mm	1.620 mm	260 mm	220 watts
Opened	3.000 mm	1.620 mm	1.080 mm	
Entrance	1.000 or 1.100 mm	600 mm		
Bed base	1.950 mm	1.250 mm	35 mm	
Accepts mattress size	1.950 mm	1.250 mm	50 mm	

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BELVEDERE

Pop-up roof

- Designed for fourth generation Ford Transit
- Provides an extra sleeping area with primary access through the roof of the unit
- Top is constructed out of fiberglass-laminated external sheets with closed-cell extruded polystyrene foam panels and a PVC frame for increased resistance to wear and tear
- Robust bottom panel is constructed with thermoformed technology using acrylonitrile butadiene styrene (ABS) and polymethyl methacrylate (PMMA) with closed-cell extruded polystyrene foam spacers
- Testing and quality protocols ensure performance, durability, and reliability
- Construction materials make this pop top lighter than standard rooftop units
- Thermo-insulated panels keep campers warm
- Canvas made from 100% double-coated polyester
- Two LED map lights illuminate the area around the bed for safety
- Integrated USB ports conveniently charge phones, tablets, and more
- Folding ladder available upon request
- Large aluminum bed frame with wooden slats provides ample sleeping space (mattress not included)
- Available with or without blind spoiler (see page 37 for VISTA window system)





Color options'

Fiat 549

Ral 7040

Ral 9005

White Window grey

Jet black

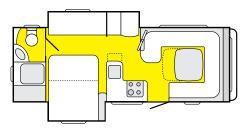
Space	t Length t	[†]	[†]	Solar Panel Allowance
Closed	2.910 mm	1.625 mm	170 mm	220 watts
Opened	2.910 mm	1.625 mm	1.050 mm	
Entrance	600 mm	1.000 mm		
Bed base	1.950 mm	1.180 mm	35 mm	
Mattress (not included)	1.950 mm	1.180 mm	50 mm	

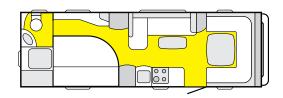


SMARTROOM®

Slide-out on-demand

- Lightweight room increases the living space within a caravan or motorcaravan
- Innovative design allows the vehicle to maintain its overall length
- No additional frame and chassis components required
- Easy to open and close with the push of a button
- For a complete SmartRoom®, slide-out kit and slide-out frame kit are required





SmartRoom version

Standard version

Figure	Vehicle Weight	└┴ Vehicle Length	└┴ Living Area	└ Vehicle Width
SmartRoom	1.868 kg	6.651 mm	17,60 sqm	2.286 mm
Standard	1.974 kg	7.464 mm	17,00 sqm	2.286 mm

SMARTROOM®

Slide-out kit

- Extends the vehicle's wall for increased living space
- Equipped with an sensor to alert users the slide-out is in the open position before they travel
- Includes versatile and flexible four-motor structure that moves on a rack and pinion system
- Kit includes four corners with pre-assembled motor, wiring, remote panel, control unit, relay kit and SmartRoom® drive key
- Panels not included



			Absorption Per System			
¹ ✓ Max Stroke	🗠 Max Dimensions	<u> </u>	Nominal	Peak		
700 mm to 1.000 mm	3.500 mm x 2.000 mm	28 to 35 kg	12A	40A		

SMARTROOM®

Slide-out frame kit

- Seal provides superior adherence to avoid water leaks and dirt accumulation
- Designed with a specific V-shape that works with the wide radius of the angle pieces and flat surfaces of the side walls
- Kit includes: frame, frame brackets, seal, screws and roller supports
- Panels not included



[™] Width	^t ₄ Height	Color	Material	Includes
1.600 mm to 3.500 mm	1.500 mm to 2.000 mm	White	Aluminum	Frame, frame brackets, seal, screws, roller supports







R-BIKE VAN

Bike carrier I Van

- Designed for conversion vans
- Accepts two e-bikes or standard bikes
- Extends to fit three standard bikes with R-Bike 3Rail accessory (sold separately)
- Customizable design for easy installation and mounting
- Designed for serviceability and compatible with multiple accessories
- Comes standard in anodized aluminum or upgrade to corrosionresistant automotive finish
- Meets ECE R26 vehicle safety mounting regulations





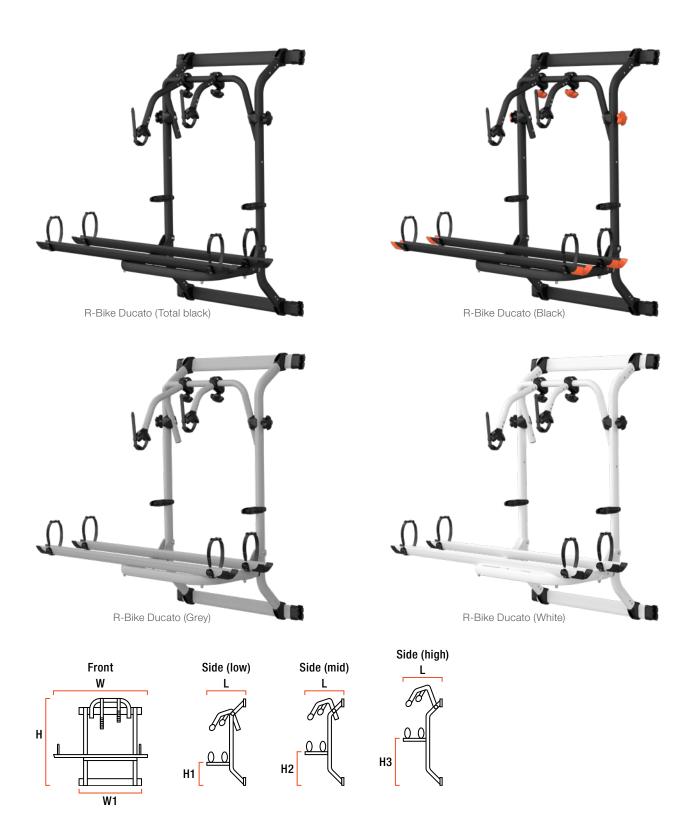
Built-in anti-vibration device deters unwanted noise



Holds two e-bikes or standard bikes (up to three standard bikes with 3Rail accessory)



Robust and secure construction protects valuable bikes



In the low and middle positions, it is mandatory to use the license plate bar with light unit

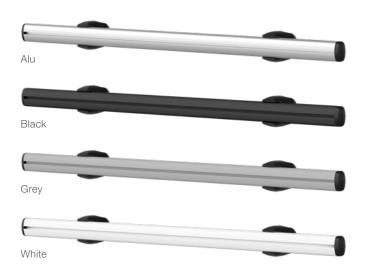
Make	Model	Roof	Years	¼ w∗	¹⊈ W1*	¹⊈ H*	¼ H1*	¼ H2*	¼ H3*	¼ L *	<u> </u>	۵
Citroën	Jumper	H2 / H3	2007+	1.328	825	1.259	284	484	684	564	10 kg	50 kg
Fiat	Ducato	H2 / H3	2007+	1.328	825	1.259	284	484	684	564	10 kg	50 kg
Ford	Transit	Н3	2014+	1.328	847	1.509	191	391	591	610	10,5 kg	50 kg
Mercedes-Benz	Sprinter	H2	2020+	1.328	831	1.412	191	391	591	610	10,5 kg	50 kg
Nissan	Interstar	H2	2014+	1.328	847	1.509	191	391	591	610	10,5 kg	50 kg
Opel	Movano	H2	2014+	1.328	847	1.509	191	391	591	610	10,5 kg	50 kg
Peugeot	Boxer	H2 / H3	2007+	1.328	825	1.259	284	484	684	564	10 kg	50 kg
Renault	Master	H2	2014+	1.328	847	1.509	191	391	591	610	10,5 kg	50 kg
Volkswagen	Crafter	Н3	2017+	1.328	821	1.353	191	391	591	610	10,5 kg	50 kg

^{*} Measurements are shown in mm

R-BAR

Accessory I R-Bike

- Converts R-Bike Van into a multi-use carrier for transporting various recreational equipment
- Designed for use with R-Skirun and R-Wave accessories
- Easy bolt-on installation
- Includes two bars and mounting hardware
- Available in four color options





R-SKIRUN

Accessory I R-Bike

- Contains skis and snowboards for safe, stress-free transportation
- Innovative design allows for the door to be opened while skis are loaded
- Equipped with robust locking system and double-key padlock for cargo security
- Ergonomic release button for comfortable unloading
- Made from anodized aluminum and injection molded plastic to withstand the wear and tear of travel





Contains skis and snowboards for safe, stress-free transportation



Equipped with robust locking system and double-key padlock for cargo security



Made from anodized aluminum and injection molded plastic to withstand the wear

Name	₺w	₺H	t, L	<u> </u>	À	Holds
R-Skirun	620 mm	130 mm	60 mm	3,2 kg	28 kg	Up to four pairs of coupled skis or two pairs of skis with two snowboards



R-WAVE

Accessory I R-Bike

- Modular racking system for transporting water equipment like surfboards and canoes
- Innovative design allows for the door to be opened while surfboards and canoes are loaded
- Versatile design allows for use with different sized surfboards (up to 250 cm) and canoes of comparable size
- Made from aluminum tubular pillars and a soft foam rubber for damage-free, heavy-duty use
- Racking system includes three pillars, two fabric bags, two upper straps, and four front straps for optimal restraint against shifting
- Straps are easy to adjust for convenience and flexibility
- Available in four color options: alu, total black, grey and white



Straps are easy to adjust for convenience and flexibility



Easily and securely installs with the provided hardware and hand clamps



Name	₺w	t₄n	はD	<u> </u>	۵	Holds
R-Wave	512 mm	713 mm	310 mm	7 kg	50 kg	Up to five surfboards, three surfboards and one canoe or one surfboard and two canoes

R-BIKE 3RAIL

Accessory I R-Bike

- Allows R-Bike Van to transport three standard bikes
- Available in five color options











R-BRAKO PLIE

Accessory I R-Bike

- Locking arm provides enhanced security for bikes
- Pivoting center hinge allows for versatile fit
- Available in five color options





REPLACEMENT PARTS

R-Bike









R-Cap



R-Wire







R-Yolda Wire

R-Yolda Brako

Name	Description	Alu	Total Black	Black	Grey	White
R-Brako 1	Locking bike arm, short	~	~	~	~	~
R-Brako 2	Locking bike arm, long	~	~	✓	~	✓
R-Rail	Tray-style rail	~	~	~	~	~
R-Wire	Cinching strap for bike R-Rail	×	~	~	×	×
R-Cap	Rail end caps	×	~	✓	×	×
R-Knob	Tightening knob	×	~	~	×	×
R-Yolda Wire	Anti-slip spacer for R-Wire	×	✓	×	×	×
R-Yolda Brako	Arm brackets for all R-Brako	×	✓	×	×	×

BIKE-LOAD

Bike lifting system | Electric

- Integrated bike rack accommodates most bike sizes, motorcycles and mopeds
- Compatible with Class A motorhomes with a rear cargo door
- Lightweight aluminum tread plate floor provides superior corrosion resistance
- Prepped for electrical outlet integration



t, L	⅓w	⊈H	<u> </u>	۵
2.030 mm	540 mm	170 mm	60 kg	50 kg

HOLDY

Bike tie-down system

- Allows bikes and motorbikes to be secured in the motorcaravan's garage
- Lightweight aluminum construction provides superior corrosion resistance
- Includes two rails and five tie-down loops on each rail
- Easily installs with provided hardware (glue optional)



Quickly tie-down bikes and motorbikes



Name	Description	t≰ L	ß₩	₺H
Holdy Flat	Flat anchoring system	2.000 mm	25 mm	35 mm
Holdy Corner	Corner anchoring system	2.000 mm	21 mm	56 mm
Holdy Hang	Replacement hooks			









● POLYPLASTIC

BY **LIPPERT**

Polyplastic, a Lippert brand, offers a unique combination of state-of-the-art manufacturing and contactless thermoforming technology. We produce superb, transparent, lightweight cast acrylic-based solutions across a variety of industries. For more than 70 years, our customers have enjoyed the benefits of our passion for design, customized focus and rich industry experience, coupled with highly-engineered machinery, short lead times, and exceptional optical and thermal performance.

General Polyplastic by Lippert window system features

- In-house produced cast acrylic PMMA (Roxite® Premium)
- Stronger on impact compared to glass (approx. 11x)
- Made from shatterproof, high-transparent material
- Exceptional optical and thermal performance
- Higher light transmission versus other solutions
- 10-year UV protection against fade and discoloration
- Easy-to-clean and no maintenance required
- Specially designed accessories
- Decorative screen print options available
- Standard two-year warranty
- Homologated according to UN/ECE R43 and FMVSS 205 approved

Purchasing a Polyplastic window system requires a sequence of steps. Please reach out to our sales department for assistance with determining the best systems, accessories, sizing, and customization options for your unique setup. For questions or additional information, please visit lippertcomponents. eu. We are also available by phone or email at +31(0)104461100 / info@polyplastic.nl.

WINDOW SYSTEMS

Application and installation

See the options for vehicle application and installation of our standard window systems in the overview below. On special request we offer custom design with our Specials.



Primo











Mezzo

Aero

Curvo

Transito







Polyvision Eco

Polyvision Aero

Polyvision Slide

Polyvision Curved









Polylux

Vista Ducato

Vista Transit

Piuma

			Available		Vehicl	e Applicati	on	Vel	hicle Ins	tallatio	ı Locati	on
Market	Category	Window Name	Sizes	Pane	Camper	Caravan	Van	Front	Side	Rear	Roof	Pano
		Primo	31	Double	✓	~	~	~	✓	✓		
	Hinged	Mezzo	6	Double	✓	✓	V	/	/	/		
Non- integrated	window	Aero	12	Double	✓	✓	~	/	/	/		
integrated	systems	Curvo	48	Double			V		/	/		
		Transito	4	Double			✓		/	/		
		Polyvision Eco	67	Double	✓	✓			/	/		
Semi-	Aluminum frame window	Polyvision Aero	91	Double	✓	/			/	/		
integrated		Polyvision Slide	39	Double	✓	✓			/	/		
	systems	Polyvision Curved	20	Double			/		/	/		
		Polylux	1	Double	✓	✓	/ *				/	
Fully-	Polymer	Vista Ducato	1	Double			/					/
integrated	frame window	Vista Transit	1	Double			✓					/
	systems	Piuma	6	Double	✓	/			/	/		
		Special			✓	✓	V	✓	/	/	/	/
Specials	Special requests	Evaluaiva anasial		Double or single	/	✓	✓					
	requests	Exclusive special		or single	incl. eque	strian and n	narine	~	'	~	~	

^{*} Only when using customer adapter

PRIMO

Non-integrated I Hinged

- Top-hung
- Bulged, robust design with solid edges
- Installation on straight walls
- Screw or glue connected aluminum hinge bar
- Customize by making choices for standard parts and system options

Accessory options

• Interior blind and flyscreen







T 0	↔ Standard Wa	II Aperture Ranges	M-II Assessan		
Top Corner Radius	₺H	₺w	Wall Aperture Radius	<u> </u>	<u> </u>
16 mm	250 mm to 800 mm	350 mm to 1.450 mm	75 mm	27 mm to 37 mm	1,3 kg to 6,4 kg

MEZZO

Non-integrated I Hinged

- Top-hung
- Sleek, elegant design with soft edges
- Installation on straight walls
- Screw or glue connected aluminum hinge bar
- Customize by making choices for standard parts and system options
- Custom screen print design possible

Accessory options

• Interior blind and flyscreen







T 0	+> Standard V	Vall Aperture Ranges	Well An entree			
Top Corner Radius	t₄n	₺w	Wall Aperture Radius	Ja	<u> </u>	
15 mm	350 mm to 550 mm	450 mm to 900 mm	75 mm	27 mm to 37 mm	2,5 kg to 5,0 kg	



AERO

Non-integrated I Hinged

- Top-hung
- Aerodynamic, flush design with smooth edges
- Installation on straight walls
- Screw or glue connected aluminum hinge bar
- Customize by making choices for standard parts and system options
- Custom screen print design possible

Accessory options

• Interior blind and flyscreen







Ton Council	→ Standard Wall Aperture Ranges		Mall Amounting		
Top Corner Radius	体H	⅓w	Wall Aperture Radius	<u>-</u> - <u>-</u>	_
14 mm	300 mm to 1.030 mm	300 mm to 1.800 mm	75 mm	18 mm to 28 mm	2,1 kg to 13,6 kg

CURVO

Non-integrated I Hinged

- Top-hung
- Curved, flush design with smooth edges
- Installation only on curved walls with radius 4.991 mm
- Screw or glue connected aluminum hinge bar
- Customize by making choices for standard parts and system options
- Custom screen print design possible
- Round window (porthole) possible

Accessory options

• Interior blind and flyscreen



Profile curve radius







← Standard Wall Aperture Range		II Aperture Ranges	Wall Amantona	Durgilla Oromon		
Top Corner Radius	⅓H	t₄ w	Wall Aperture Radius	Profile Curve Radius	<u> </u> 'a	<u> </u>
10 mm	210 mm to 570 mm	280 mm to 985 mm	75 mm	4.991 mm	33 mm to 43 mm	1,1 kg to 4,7 kg



TRANSITO

Non-integrated I Hinged

- Top-hung
- 3D curved design with smooth edges
- Exclusive design for the back doors of a Ford Transit H3
- Screw or glue connected aluminum hinge bar
- Customize by making choices for standard parts and system options
- Custom screen print design possible





Accessory options

• Interior blind and flyscreen

← Standard Wall Aperture Ranges		II Aperture Ranges	Mall Anarkura		
Top Corner Radius	ĭ∡H	₺w	Wall Aperture Radius	- <u> </u> h	_
35 mm	380 mm to 500 mm	280 mm to 985 mm	75 mm	20 mm to 40 mm	2 kg to 6 kg

POLYVISION ECO

Semi-integrated I Aluminum frame

- Manually operated tilt window
- Robust, bulged design
- Installation in straight walls
- Lightweight powder-coated aluminum frame
- Unique integrated thermal bridge inside window frame to reduce condensation
- Customize by making choices for standard parts and system options
- Pre-assembled for quick and easy installation



- Interior blind and flyscreen
- Cover profile







↔ Standard Wall Aperture Ranges		Mall Amentuna			
₩H	ኴw	Wall Aperture Radius	<u>-</u> h	Wall Thickness	<u> </u>
200 mm to 900 mm	350 mm to 1.800 mm	75 mm	23 mm to 33 mm	24 mm to 44 mm	1,1 kg to 9,0 kg

POLYVISION AERO

Semi-integrated I Aluminum frame

- Manually operated tilt window
- Aerodynamic, flush design
- For installation in straight walls
- Lightweight powder-coated aluminum frame
- Unique integrated thermal bridge inside window frame to reduce condensation
- Customize by making choices for standard parts and system options
- Pre-assembled for quick and easy installation

Accessory options

- Interior blind and flyscreen
- Cover profile







←··→ Standard Wall Aperture Ranges		Wall Anautuna			
⅓H	₺w	Wall Aperture Radius	<u>H</u>	Wall Thickness	<u> </u>
250 mm to 1.000 mm	350 mm to 1.600 mm	75 mm	7 mm to 17 mm	24 mm to 44 mm	1,3 kg to 11,0 kg

POLYVISION SLIDE

Semi-integrated I Aluminum frame

- Manually operated sliding window
- Unique sleek design
- For installation in straight walls
- Lightweight powder-coated aluminum frame
- Sliding rails for easy open / close operation
- Customize by making choices for standard parts and system options
- Pre-assembled for quick and easy installation
- Compatible with other Polyvision window systems

Accessory options

- Interior blind and flyscreen
- Cover profile







←··→ Standard Wall Aperture Ranges		W-II An antonia			
⊈H	₺w	Wall Aperture Radius	<u> </u> h	Wall Thickness	<u> </u>
300 mm to 900 mm	350 mm to 1.300 mm	75 mm	7 mm to 33 mm	24 mm to 38 mm	1,8 kg to 4,2 kg

POLYVISION CURVED

Semi-integrated I Aluminum frame

- Manually operated tilt window
- Curved, aerodynamic, flush design
- Designed for curved walls with radius 4991 mm
- Lightweight powder-coated aluminum frame
- Unique integrated thermal bridge inside window frame to reduce condensation
- Customize by making choices for standard parts and system options
- Pre-assembled for quick and easy installation

Accessory options

- Interior blind and flyscreen
- Cover profile



Profile curve radius







↔ Standard Wall Aperture Ranges			D (") 0			
t₄n	₺w	Wall Aperture Radius	Profile Curve Radius	[]a	Wall Thickness	<u> </u>
300 mm to 600 mm	220 mm to 1.300 mm	75 mm	4.991 mm	7 mm to 17 mm	24 mm to 44 mm	1,4 kg to 9,8 kg







POLYLUX

Fully-integrated I Aluminum frame

- Electrically-operated, sliding roof window (12V, 20 A, 240W)
- Low, aerodynamic window system for flat surfaces
- Lightweight powder-coated aluminum frame
- Low noise level while driving
- Driving when open permitted
- Operation temperature from -20°C to +50°C
- Released for use up to 160 km/h
- Customize by making choices for system options





Low noise level while driving



Easy operation with the touch of a button



Integrated blind and flyscreen

└ Wall Aperture Height	└ Wall Aperture Width	Roof Aperture Radius	 [a	Roof Thickness	<u> </u>
655 mm	960 mm	65 mm	69 mm to 79 mm	24 mm to 45 mm	19,5 kg

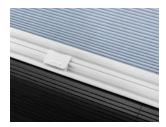
VISTA DUCATO

Fully-integrated I Polymer frame

- Manually operated panoramic roof window
- Unique aerodynamic design
- Available as openable version or fixed
- Intended use for an H2 vehicle with an X290 platform (Fiat Ducato, Peugeot Boxer, Citroën Jumper)
- Injection molded black, polymer adapter
- Installation by gluing and mechanical fixation
- Tested at speeds up to 160 km/h
- Easy-to-install system comes pre-assembled, including adapter, window and blind system
- Upgrade in 2024











☑ Wall Aperture Height	└ Wall Aperture Width	Wall Aperture Radius	<u>H</u> a	<u> </u>
660 mm	1.270 mm	60 mm	80 mm	15,0 kg

VISTA TRANSIT

Fully-integrated I Polymer frame

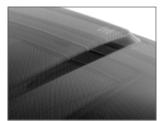
- Fixed panoramic roof window
- Unique aerodynamic design
- Designed for Ford Transit H3
- Injection molded black, polymer adapter
- Installation by gluing and mechanical fixation
- Easy-to-install system comes pre-assembled, including adapter, window and blind system











└- Wall Aperture Height	└─ Wall Aperture Width	Wall Aperture Radius	<u>\</u> Ja	<u> </u>
780 mm	1.560 mm	60 mm	80 mm	15,0 kg







PIUMA

Fully-integrated I Polymer frame

- Lightweight manually-operated tilt window
- Extremely flush and minimalistic design
- Complete, super-thin window system, including frame, integrated rollo blind system, and click-on interior finish
- For installation in straight walls
- Injection molded polymer frame
- Two-part assembly with integrated mounting clamps allows for easy installation in minutes
- Custom screen print design possible





Integrated mounting clamps



Flush, minimalistic interior finish



Easy assembly due to two-piece setup

↔→ Standard Wall Aperture Ranges		Wall Anautona			
⊈H	₺w	Wall Aperture Radius	- <u> </u> h	Wall Thickness	<u> </u>
400 mm to 580 mm	350 mm to 1.300 mm	12 mm	5 mm to 15 mm	24 mm to 41 mm	3,3 kg to 10,2 kg

CUSTOM DESIGN

Specials I Special requests

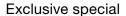
As a leading manufacturer and supplier of highly engineered products and custom solutions, Polyplastic is committed to shaping and designing unique window systems within the caravanning, marine, equestrian and recreational vehicle industries.

With our custom designs and special requests, there are countless possibilities of window systems in diverse shapes, dimensions and installation locations. There are two customization categories available, Special or Exclusive Special. To request a custom window system requires following a sequence of steps that our sales department can assist with.

Special

Windows are created in a special dimension or shape based on a standard window series.

- Customer-specific window system
- Complete window system in-house designed
- Custom screen print option
- Homologated according to UN/ECE R43 and FMVSS 205 approved



Windows are developed in-house in partnership with the customer from design concept through engineering, production and product testing.

- Fully customized design for exclusive use
- Co-engineering starts during concept design of the vehicle
- Shaped to fit any wall or complex exterior parts
- Designs are exclusive property of the customer, tools remain property of Polyplastic B.V.
- Homologated according to UN/ECE R43 and FMVSS 205 approved

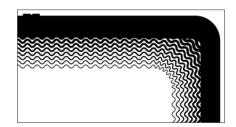








Countless possibilities for customization



Custom screen print example



Custom shape example

←⋯ Standard Wall Aperture Ranges				Screen Print Size	
t₄n	₺w	Wall Aperture Radius	Top Corner Radius	体H	₺w
200 mm to 1.500 mm	220 mm to 2.000 mm	Min 500 mm Max none	With rubber: 75 mm Without rubber: 0 - ∞ mm With frame: 12 or 75 mm	Max 2.300 mm	Max 1.300 mm



ACCESSORIES

Installation tools



• Special scissor used for cutting the wall aperture rubber into the right length



Dismounting tool

• Used to dismount Polyfix catches and stays

Description	For use with
Scissor for wall aperture rubber	Non-integrated window systems
Dismounting tool	Non-integrated window systems



Insert band fitting tool

• Used to put the insert band into the rubber



Rubber plast key fitting tool

• Used for fitting the rubber plast

Description	For use with
Insert band fitting tool	Non-integrated window systems
Rubber plast key fitting tool	Fixed window systems



HOSEW & HOSEW-BAR



Roof vents

- Multi-position opening allows custom control of airflow
- Integrated, easy-to-use handles
- White Ral 9010 structure with smoked methacrylate cover
- Available with or without aluminum bars
- Manufactured by Lippert for trailers only







Easy-to-use handle



For venting enclosed areas



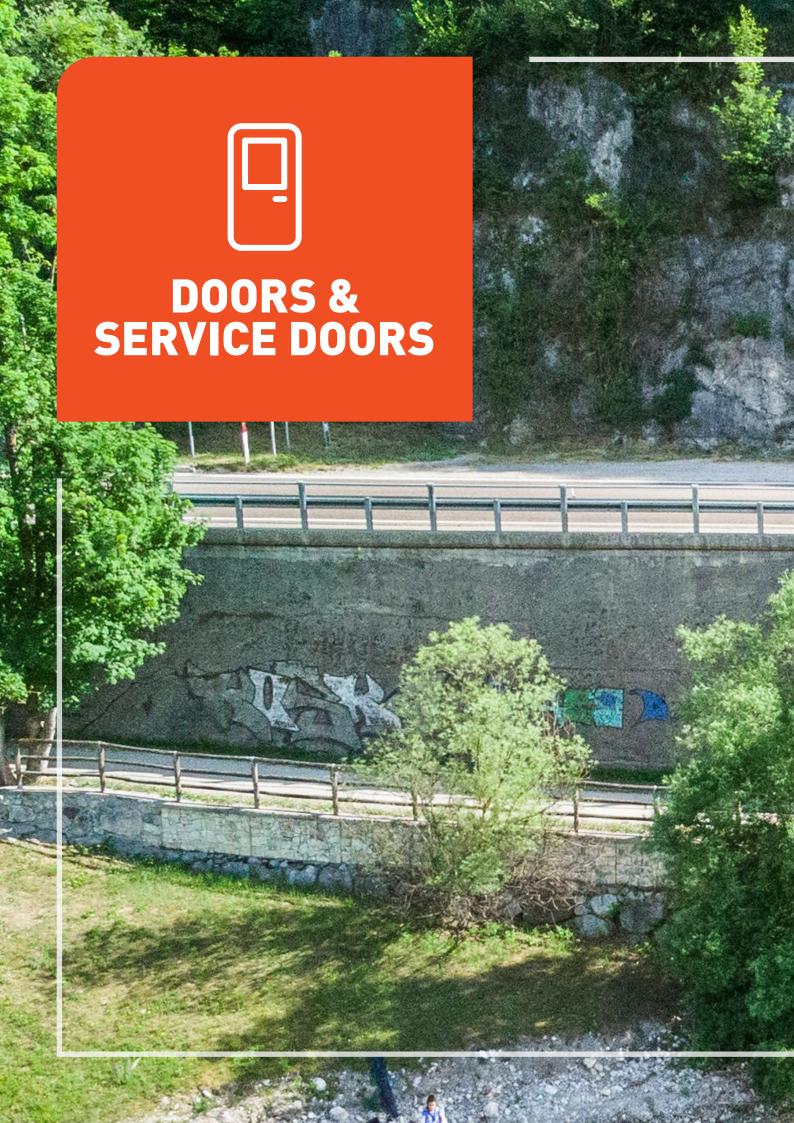
Parallel opening



Side opening

Name	Color / Description	└─ Wall Aperture Height	└┴ Wall Aperture Width
HOSEW-BAR	Smoked methacrylate with white aluminum bars	350 mm	550 mm
HOSEW	Smoked methacrylate without bars	350 mm	550 mm







CLASSY

Entry door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit

Contact us for requests. Available options:

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options





EASY HANDLE

Entry door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Equipped with right-hand semi-hidden aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated double window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Retractable hanger for a practical coat rack
- Wiring or electric contact
- Aluminum frames with diamond effect surface
- Interior coating with customizable materials and shapes

- Manual or electric locks
- With or without gas spring
- Standard or semi-hidden hinges
- Exterior panel material options
- With or without window

Nemalaga	← Cutout Dimension Ranges			
Number of Hinges	t∡n	₩	Corner Radius	
3	1.920 mm	580 mm	82,5 mm	



EASY POCKET

Entry door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in storage pockets

Contact us for requests. Available options:

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options

Normalian	Cutout Dimension Rang	es	
Number of Hinges	t∡ H	₺w	Corner Radius
2	1.900 mm to 1.920 mm	550 mm to 570 mm	80 or 89 mm



EASY POCKET 2.0

Entry door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in storage pockets

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options

Normhau	←⋯→ Cutout Dimension Ranges				
Number of Hinges	⊈H	⅓w	Corner Radius		
3	1.740 to 1.750 mm	700 mm to 725 mm	82,5 mm		



EASY STORAGE

Entry door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment

Contact us for requests. Available options:

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options

Normalian	Cutout Dimension Rang	es	
Number of Hinges	t∡ H	™w	Corner Radius
2	1.885 mm to 1.931 mm	545 mm to 557 mm	80 or 89 mm



EASY STORAGE XL

Entry door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options

Neuroban	←→ Cutout Dimension Ranges		
Number of Hinges	t∡n	₺w	Corner Radius
2	1.900 mm to 1.950 mm	640 mm to 680 mm	80 or 89 mm



TEARDROP

Entry door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Low-profile hinges for a clean look on the outside of the RV
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in storage compartment and lower housing for fire extinguisher (not included)
- Includes two built-in storage pockets and a central magazine rack
- Features two chrome coat hooks for convenience

Contact us for requests. Available options:

- Manual or electric lock
- Single or double-pane windows
- With or without window
- Exterior panel material options
- Single-pane window with silk screen printing

Nonelean	←⊷ Cutout Dimension Ranges		
Number of Hinges	⊈H	⅓w	Upper Radius
3 (semi-concealed)	1.727 mm	660 mm	330 mm



ARJA ROAD

Entry door I Two-point lock

- Electric (standard), two-point, steel locking system constructed from steel for reliable strength
- Equipped with right-hand, nickel-plated brass hinges
- Hidden hinges for a clean look on the outside of the RV
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Electric glass window for easy operation with the press of a button
- Integrated window with flyscreen and blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in storage compartment

- Manual or electric locks
- Exterior panel material options
- With or without gas spring

Neuroban	←→ Cutout Dimension Ranges		
Number of Hinges	t∡n	ßw	Corner Radius
4	1.910 mm to 1.965 mm	590 mm to 685 mm	82,5 mm



ATLANTIC

Entry door I Two-point lock

- Two-point locking system constructed from steel for reliable strength
- Automotive-style brackets assist with opening and hold at various positions
- Hidden hinges for a clean look on the outside of the RV
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Large, trapezoid-shaped glass window for added light and visibility inside the vehicle
- Integrated window with blind to filter light and provide privacy
- Includes built-in storage compartment

Contact us for requests. Available options:

- Manual or electric locks
- Exterior panel material options

Neurobau	←⊷ Cutout Dimension Ranges		
Number of Hinges	t∡ H	₺w	Corner Radius
7	2.223 mm	849 mm	90 mm



CHIC EVO

Entry door I Two-point lock

- Two-point locking system constructed from steel for reliable strength
- Inner service panel for easy locking system maintenance
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment
- Comfort handle for ergonomic operation

- Manual or electric locks
- With or without gas spring
- Standard or low-profile hinges
- Exterior panel material options
- Single or double-pane windows

Neuroleau	←⊷ Cutout Dimension Ranges		
Number of Hinges	t∡n	ßw	Corner Radius
2	1.920 mm to 2.050 mm	670 mm to 830 mm	80 or 89 mm



CHILL

Entry door I Two-point lock

- Electric (standard), two-point steel locking system constructed from steel for reliable strength
- Inner service panel for easy locking system maintenance
- Lippert lock is UN/ECE R10 certified for safety and reliability
- Equipped with right-hand, nickel-plated brass hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in storage pockets

Contact us for requests. Available options:

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options
- Premium ZAMAK entry handle



Nemakan	←⊷→ Cutout Dimension Ranges		
Number of Hinges	⅓H	₺w	Corner Radius
2	1.700 mm to 2.000 mm	600 mm to 650 mm	80 mm

COOL

Entry door I Two-point lock

- Electric (standard), two-point steel locking system constructed from steel for reliable strength
- Inner service panel for easy locking system maintenance
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated flyscreen and blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options

← Cutout Dimension Ranges			
Number of Hinges	t∡n	₺w	Corner Radius
2	1.700 mm to 2.000 mm	600 mm to 650 mm	89 mm



HORIZON

Entry door I Two-point lock

- Electric (standard), two-point steel locking system constructed from steel for reliable strength
- Inner service panel for easy locking system maintenance
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated flyscreen and blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment
- Wide window and horizontal handle
- Aluminum inner handle

Contact us for requests. Available options:

- Manual or electric locks
- Single or double-pane windows
- Standard or low-profile hinges
- Exterior panel material options

Nouskau	← Cutout Dimension Ranges		
Number of Hinges	t₄n	⅓w	Corner Radius
2	1.920 mm	650 mm	89 mm



MODULARIA

Entry door I Two-point lock

- Electric (standard), two-point steel locking system constructed from steel for reliable strength
- Equipped with left or right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated flyscreen and blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment
- Aluminum inner handle

- Manual or electric locks
- Standard or low-profile hinges
- Single or double-pane windows
- With or without window
- With or without gas spring
- Exterior panel material options
- Pocket, trash-bin and corner finishing options

Manuelean	←··→ Cutout Dimension Ranges		
Number of Hinges	t₄ H	₩	Corner Radius
2	1.920 mm	650 mm	89 mm



NEWY

Entry door I Two-point lock

- Electric (standard), two-point steel locking system constructed from steel for reliable strength
- Inner service panel for easy locking system maintenance
- Equipped with left-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment
- Wide window and horizontal handle

Contact us for requests. Available options:

- Manual or electric locks
- Single or double-pane windows
- Standard or low-profile hinges
- Exterior panel material options

Nemalian	←··→ Cutout Dimension Ranges		
Number of Hinges	t∡ H	₺w	Corner Radius
2	1.920 mm	650 mm	89 mm



TRENDY

Entry door I Two-point lock

- Two-point locking system constructed from steel for reliable strength
- Available with a left or right-hand handle
- Equipped with left or right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment

- Manual or electric locks
- With or without gas spring
- Standard or low-profile hinges
- Exterior panel material options
- Single or double-pane windows

Manushau	↔ Cutout Dimensi	ion Ranges	
Number of Hinges	t∡ H	⅓w	Corner Radius
2	1.905 to 1.950 mm (left) / 1.960 mm (right)	550 to 657 mm	80 or 89 mm



TRENDY SMALL

Entry door I Two-point lock

- Two-point locking system constructed from steel for reliable strength
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in dustbin compartment
- Premium brushed aluminum handle

Contact us for requests. Available options:

- Manual or electric locks
- With or without gas spring
- Standard or low-profile hinges
- Exterior panel material options
- Single or double-pane windows

Nombran	←··→ Cutout Dimension Ranges		
Number of Hinges	⅓H	₺w	Corner Radius
2	1.740 mm to 1.945 mm	550 mm to 588 mm	80 or 89 mm



TRENDY WAVE

Entry door I Two-point lock

- Two-point locking system constructed from steel for reliable strength
- Inner service panel for easy locking system maintenance
- Equipped with right-hand aluminum hinges
- Locking system and hinges certified with ECE R11
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- Includes built-in storage pockets

- Manual or electric locks
- With or without window
- Standard or low-profile hinges
- With or without gas spring
- Single or double-pane windows
- Exterior panel material options

Number	←→	Cutout Dimension Rang	es
Number of Hinges	ĭ⊈H	₺w	Corner Radius
2	1.895 mm to 1.970 mm	635 mm to 710 mm	80 or 89 mm



DOVETAIL

Driver door I Two-point lock

- Two-point locking system constructed from steel for reliable strength
- Equipped with left-hand aluminum hinges
- Hidden hinges for a clean look on the outside of the RV
- Locking system and hinges certified with ECE R11
- Window certified with ECE R43
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Electric glass window for easy operation with the press of a button
- Integrated window with blind to filter light and provide privacy
- Thermoformed, insulated construction for a secure, tight fit
- LED light illuminates the ground for secure access
- Joystick mirror for easy adjustment of view (mirror not included)
- Includes built-in pocket storage
- Automotive-style brackets assist with opening and hold at various positions





- Manual or electric locks
- Exterior panel material options
- With or without gas spring
- Double-glazed window

Neurolean	↔	Cutout Dimension Rang	es
Number of Hinges	⊈H	₺w	Corner Radius
3	1.613 mm	719 mm	82,5 mm



SIMPLY TRAIL

Trailer door I One-point lock

- One-point locking system constructed from steel for reliable strength
- Equipped with semi-hidden left or right-hand aluminum hinges
- Painted, single body aluminum frame with a painted fiberglass outer panel
- Thermoformed, insulated construction for a secure, tight fit

- With or without window blind
- With or without object holder
- With or without dustbin
- Stable door version







Nombra	←⊷ Cutout Dimension Ranges						
Number of Hinges	⊈H	⅓w	Corner Radius				
2	1.700 to 1.900 mm	550 mm to 600 mm	89 mm				

LEVEL

Door hinge I Standard

- Allows the door to open up to 180°
- Constructed of aluminum with a white powder-coated finish
- Steel-coated plastic pins and plastic washers
- Attaches to the frame with four rivets
- Attaches to the wall with two screws
- Three mounting pieces per door
- 6.5 mm distance between external and internal frame

Hinge Color	体L	ßw	ĭ⊈H
White (RAL9010)	150 mm	6,5 mm	47,5 mm



MID LEVEL

Door hinge I Semi-hidden

- Allows the door to open up to 180°
- Constructed of aluminum with a black powder-coated finish
- Stainless steel pins and washers
- Attaches to the frame with four rivets
- Attaches to the wall with two screws
- Three mounting pieces per door
- 6,5 mm distance between external and internal frame

Hinge Color	坛 L	t₄ w	t∡ H
Black (RAL9005)	136,6 mm	6,5 mm	32 mm







NO LEVEL

Door hinge I Hidden

- Allows the door to open up to 180°
- Constructed of dark nickel plated brass with a silver nickel-plated finish
- Seven stainless steel pins
- Attaches to the frame with four M3 screws
- Four mounting pieces per door
- 15 mm distance between external and internal frame

Hinge Color	¼ L	ßw	体H
Black (RAL9005)	88 mm	15 mm	18 mm







DOOR COLOR OPTIONS

External frame profiles



External door panels (fiberglass)



External door panels (aluminum)

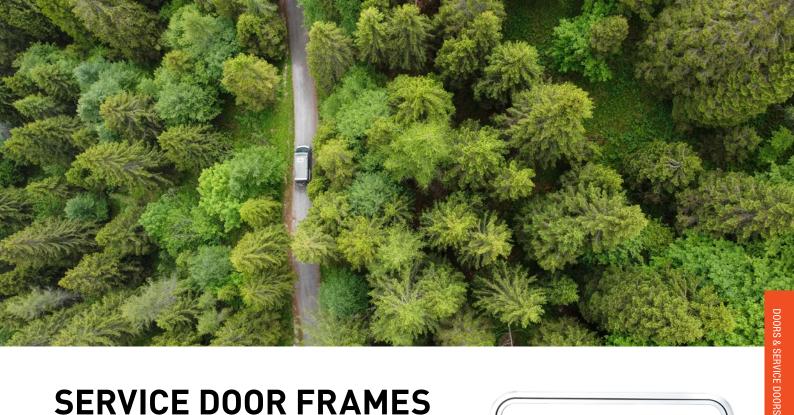


Internal thermoformed main panels



Internal thermoformed accent panels



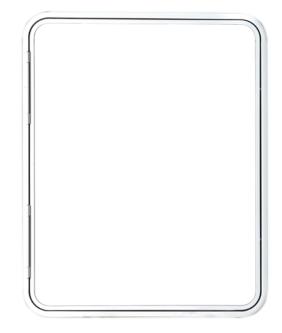


SERVICE DOOR FRAMES

- Extruded aluminum frame construction
- Compatible with 22 mm to 42 mm thick panels
- One-point or two-point locking system
- Includes service door frame only (panel not included)
- Equipped with right and left-hand aluminum hinges

Contact us for requests. Available options:

- Manual or electric locks
- Standard or low-profile hinges
- Internal / external frame panel slot ranges: 22 mm to 42 mm
- Fiberglass material



Internal options



22 - 25 mm 26 - 32 mm 33 - 42 mm

External options



22 - 25 mm 33 - 42 mm

Profile color options' (internal and external)

Ral 9003



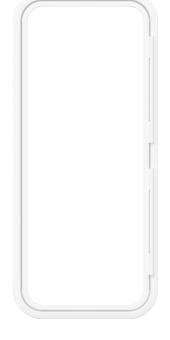
Pure white

Signal white



Ral 7035

Light grey



Cream

^{*}Color swatches are representative only. Please call for exact color specifications. Other colors available upon request.

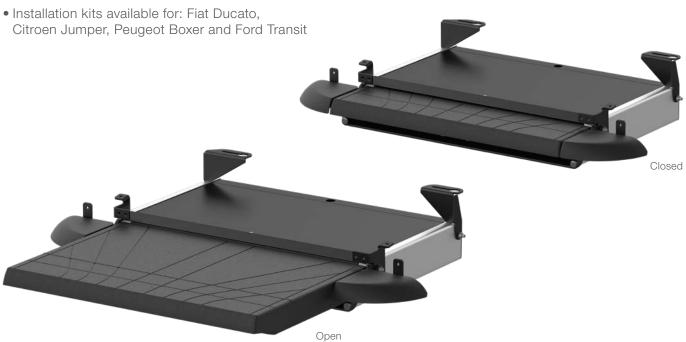




ALANERA

Slide-out step | Electric

- High-power 12V motor
- Automatic slide-out motion for a safe, comfortable, unobtrusive step
- Lightweight yet durable construction with high-tech, injection molded polymer
- Weatherproof and tested for the outdoors
- Integrated motor sensor for 'open step' warning
- Integrated thermal breaker in case of excessive strain
- Includes manual, quick-release emergency system
- Anti-slip finish for safe entry and exit
- Side wings help integrate the step with the vehicle and can support a person's weight
- Automotive-quality finish for lasting resilience to the elements
- Easy to clean simply spray off with a hose
- Installation wiring cables included with electric models

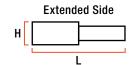


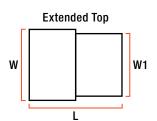


Sleek, modern design to complement modern caravans and motorcaravans

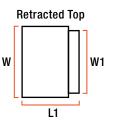


Unique drain channels and anti-slip finish help keep the tread clean in any weather









Operation	なH	₺w	፟፟⊈ W1	なL	体L1	<u> </u>	<u> </u>	\mathfrak{E}
Electric	85 mm	562 mm	550 mm	692 mm	445 mm	5,9 kg	200 kg	2,5 A



INNOLIGHT V6

Slide-out step I Electric

- High-power 12V motor
- 'C' aluminum profile guides reduce weight and increase efficiency during installation and performance
- Ergonomic footboard and side cover design
- Front covers available to integrate the step with the vehicle
- Lightweight yet durable mixed plastic, steel and aluminum construction
- Weatherproof and tested for the outdoors
- Integrated motor sensor for 'open step' warning
- Integrated thermal breaker in case of excessive strain
- Includes manual, quick-release emergency system
- Anti-slip tape for safe entry and exit
- Anodized aluminum with a black, painted finish for strong corrosion protection (finish requires proper handling to maintain appearance)
- Sturdy, one body anodized aluminum footboard for lasting corrosion resistance and noise reduction
- Installation wiring cables included with electric models
- Installation kits available for Fiat Ducato, Citroen Jumper, Peugeot Boxer, Ford Transit, and Volkswagen Crafter

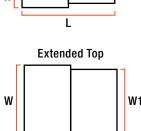




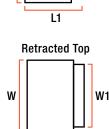
Lightweight, durable plastic, steel, and aluminum construction with anti-slip surface for safe stepping



Front covers available to integrate the step with the vehicle for a clean, seamless look



Extended Side



Retracted Side

Extend	led Top		F	Retracted	Тор
		W1	w		W1
	•				
	L			L1	

Operation	⅓H	₺w	¹⊈ W1	な _L	14 L1	<u> </u>	₾	②
Electric	78,5 mm	490 mm to 750 mm	440 mm to 700 mm	707 mm	472 mm	6,8 kg to 9,8 kg	200 kg	2,5 A
Manual	78,5 mm	490 mm to 750 mm	440 mm to 700 mm	707 mm	472 mm	6,2 kg to 7,8 kg	200 kg	

L-SERIES

Tilting step | Electric or manual

- Designed for RV applications with low-profile chassis
- High-power 12V motor
- Two-step configuration for easy, ergonomic access
- Anti-slip EPDM rubber for safe entry and exit
- Steel frame with lightweight aluminum board for stability in all conditions
- Sturdy, anodized aluminum footboard for lasting corrosion resistance
- Galvanized and painted finishes for strong corrosion protection
- Weatherproof and tested for the outdoors
- Sensor integrated in the motor cover for 'open step' warning
- Left or right motor option to accommodate either side of the RV
- Integrated thermal breaker in case of excessive strain
- Includes manual, quick-release emergency system
- Installation wiring cables included with electric models

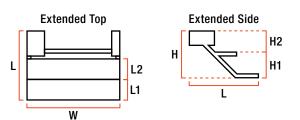




Anti-slip rubber for safe entry and exit



Emergency manual release system



Operation	⅓H	¼ H1	¹⊈ H2	₺w	' ' L	¼ L1	¼ L2	_	۵	&
Electric	362 mm	200 mm	162 mm	350 mm to 750 mm	762 mm	200 mm	200 mm	11 kg to 12 kg	200 kg	2,5 A
Manual	362 mm	200 mm	162 mm	350 mm to 750 mm	730 mm	200 mm	200 mm	9 kg	200 kg	

R-SERIES V2



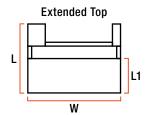
Tilting step | Electric or manual

- Designed for RV application with standard chassis height
- High-power 12V motor for tilting movement in 1,5 seconds (electric version only)
- Steel frame with lightweight aluminum board for stability in all conditions
- Galvanized and painted finishes for strong corrosion protection
- Anti-shock clutch protects motor and gearbox while step is in motion
- Sensor integrated in the motor cover for 'open step' warning
- Integrated thermal breaker in case of excessive strain
- Installation wiring cables included with electric models
- Optional IP44 motor case





Anti-slip rubber for safe entry and exit





Operation	华H	₺w	۲L	4 11	<u>^</u>	۵	3
Electric	229 mm	350 mm to 750 mm	507 mm	200 mm	5,3 kg to 6,1 kg	200 kg	2,5 A
Manual	229 mm	350 mm to 750 mm	507 mm	200 mm	3,7 kg to 4,2 kg	200 kg	

S-SERIES V2



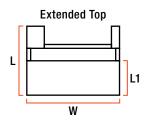
Tilting step | Electric

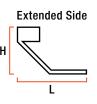
- Designed for RV application with low-profile chassis
- High-power 12V motor for tilting movement in 1,5 seconds
- Anti-shock clutch protects motor and gearbox while step is in motion
- Steel frame with lightweight aluminum board for stability in all conditions
- Galvanized and painted finishes for strong corrosion protection
- Integrated motor sensor for 'open step' warning
- Integrated thermal breaker in case of excessive strain
- Installation wiring cables included
- Optional IP44 motor case





Anti-slip rubber for safe entry and exit





Operation	⅓H	₩	'' L	¹4 L1	<u> </u>	Ê	\mathcal{E}
Electric	144 mm	350 mm to 750 mm	564 mm	200 mm	5,5 kg to 6,0 kg	200 kg	2,5 A

T-SERIES V2

NEW

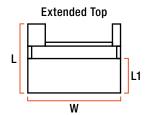
Tilting step | Electric or manual

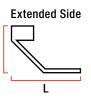
- Designed for caravan applications
- High-power 12V motor for tilting movement in 1,5 seconds (electric version only)
- Anti-shock clutch protects motor and gearbox while step is in motion
- Steel frame with lightweight aluminum board for stability in all conditions
- Galvanized and painted finishes for strong corrosion protection
- Sensor integrated in the motor cover for 'open step' warning
- Integrated thermal breaker in case of excessive strain
- Installation wiring cables included with electric models
- Optional IP44 motor case





Anti-slip rubber for safe entry and exit





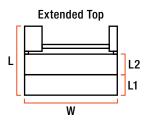
Operation	₽H	₺w	な _L	4 11	<u> </u>	۵	&
Electric	210 mm	350 mm to 750 mm	486 mm	200 mm	5,5 kg to 6,2 kg	200 kg	2,5 A
Manual	210 mm	350 mm to 750 mm	486 mm	200 mm	3,6 kg to 4,7 kg	200 kg	

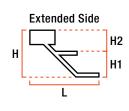
J-SERIES

Retractable step | Electric

- Two-step configuration for easy, ergonomic access
- High-power 12V motor
- J-series features increased step riser
- Anti-slip EPDM rubber for safe entry and exit
- Steel frame with lightweight aluminum board for stability in all conditions
- Sturdy, anodized aluminum footboard for lasting corrosion resistance
- Galvanized and painted finishes for strong corrosion protection
- Multifunction electronic control unit for total control of all step functions
- Waterproof connectors and sensors
- Includes manual, quick-release emergency system
- Motor protection system in case of excessive stress





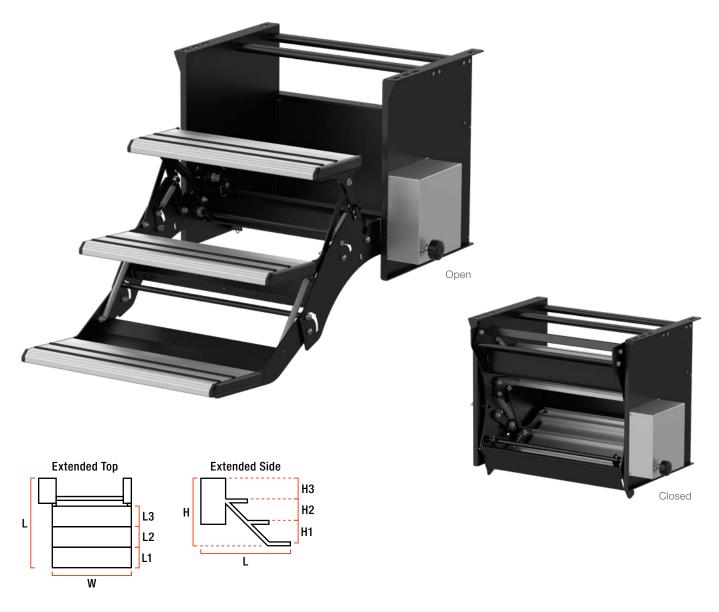


Operation	₺H	¼ H1	¼ H2	₺w	なL	ない	t₄ L2	<u> </u>	À	&
Electric	450 mm	127 mm	228 mm	610 mm	915 mm	203 mm	255 mm	58 kg	200 kg	5 A

U-SERIES

Fold-out step | Electric

- Three-step configuration for easy, ergonomic access
- High-power 12V motor
- Anti-slip EPDM rubber for safe entry and exit
- Sturdy, anodized aluminum footboard for lasting corrosion resistance
- Galvanized and painted finishes for strong corrosion protection
- Multifunction electronic control unit for total control of all step functions
- Automatically closes when engine starts
- Warning light for 'open step' sensor
- Left or right motor option to accommodate either side of the RV
- Includes manual, quick-release emergency system
- Motor protection system in case of excessive stress



Operation	₽H	¼ H1	¹⊈ H2	¼ H3	₺w	t₄ L	¹4 L1	₺ L2	¼ L3	<u> </u>	۵	3
Motor on lef	Motor on left or right side											
Electric	627 mm	223 mm	222 mm	182 mm	550 mm to 645 mm	1.154 mm	200 mm	200 mm	200 mm	29 kg to 33 kg	200 kg	5 A

U2-SERIES

Fold-out step | Electric

- Three-step configuration for easy, ergonomic access
- High-power 12V motor
- Anti-slip EPDM rubber for safe entry and exit
- Sturdy, anodized aluminum footboard for lasting corrosion resistance
- Galvanized and painted finishes for strong corrosion protection
- Multifunction electronic control unit for total control of all step functions
- Automatically closes when engine starts
- Warning light for 'open step' sensor
- Includes manual, quick-release emergency system
- Motor protection system in case of excessive stress

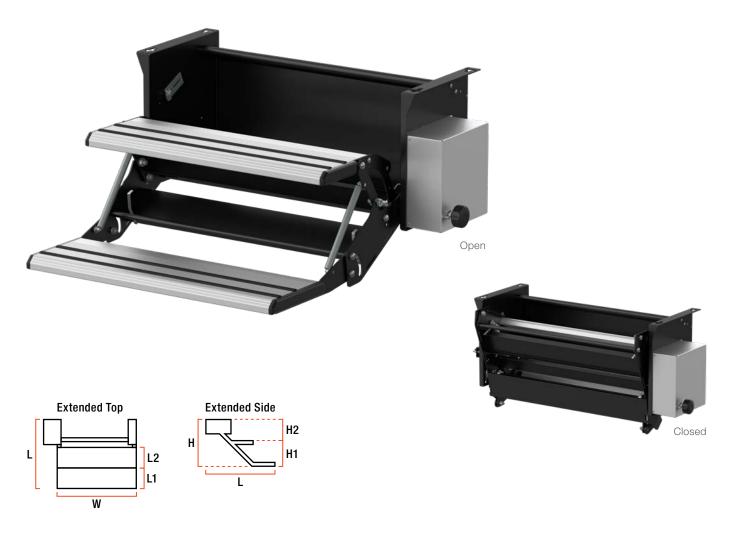


Operation	⅓H	¹⊈ H1	¹⊈ H2	¹⊈ H3	⅓w	t ₄ L	¼ L1	¹⊈ L2	½ L3	<u> </u>	À	\mathfrak{F}
Electric	656 mm	240 mm	240 mm	140 mm	640 mm	1.245 mm	200 mm	200 mm	200 mm	72,9 kg	200 kg	5 A

X-SERIES & Z-SERIES

Fold-out step | Electric

- Two-step configuration for easy, ergonomic access
- High-power 12V motor
- X-series features increased step riser
- Anti-slip EPDM rubber for safe entry and exit
- Steel frame with lightweight aluminum board for stability in all conditions
- Sturdy, anodized aluminum footboard for lasting corrosion resistance
- Galvanized and painted finishes for strong corrosion protection
- Multifunction electronic control unit for total control of all step functions
- Automatically closes when engine starts
- Warning light for 'open step' sensor
- Left or right motor option to accommodate either side of the RV
- Includes manual, quick-release emergency system
- Motor protection system in case of excessive stress



Operation	⅓H	¼ H1	¼ H2	⊭w	₺L	¼ L1	¹⊈ L2	<u> </u>	ث	\mathcal{E}
X-Series X-Series										
Electric	374 mm	242 mm	132 mm	454 mm to 664 mm	795 mm	200 mm	200 mm	15,6 kg to 19,3 kg	200 kg	3 A
Z-Series Z-Series										
Electric	394 mm	228 mm	166 mm	492 mm to 645 mm	782 mm	200 mm	200 mm	16,9 kg to 18,4 kg	200 kg	3 A
Electric	446 mm	275 mm	171 mm	492 mm to 550 mm	966 mm	200 mm	200 mm	19,5 kg to 20,2 kg	200 kg	3 A

ACCESSORIES

For steps



Elektra. Plus control units

- Reduced size and integrated light timer
- Compatible with Alanera, Innolight, R-series, S-series, T-series and L-series steps



Elektra control unit

- Available in a bundle with Relè
- Compatible with all Lippert electric steps



Relè

- Makes system completely automatic with the opening or closing of the door
- Compatible with all Lippert electric steps



Closy

- Enables automatic storing of electric steps when starting the vehicle's engine
- Prevents steps from opening while driving
- Compatible with Alanera and Innolight steps



Switch

- Rocker switch to open or close electric steps
- Compatible with all Lippert electric steps



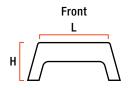
Switch Cover

 Cover provides a clean, finished look on the switch

SPOT

Heavy-duty step stool

- Commonly used in caravans
- Tough plastic construction
- Grated top surface keeps step clear of debris
- Colors customizable on request (based on quantity)







⊈H	'∠ w	₺L	_	<u> </u>
220 mm to 250 mm	260 mm to 350 mm	410 mm to 470 mm	1,0 kg to 2,6 kg	150 kg





SKIA

Blind I Polymer

- Retractable, pleated blind to keep vehicle interior blacked-out for privacy while parked
- Fireproof fabric options are available upon request
- See the table below for vehicle-specific configurations

Color options

Ral 1013

Ral 7035

Oyster white (Available upon request)

Light grey





Retractable, pleated blind to keep vehicle interior blacked-out while parked



Provides interior privacy as needed



PVC and aluminum handle for manual operation

Fits Van	Name	Location	Includes
Fiat DUCATO X290 / V8	SKIA FRONT	Windshield	Blind only
Fiat DUCATO X290 / V8	SKIA FRONT	Windshield	Blind with mirror compartment
Fiat DUCATO X290	SKIA FRONT	Windshield	Blind with mirror compartment and sensor
Fiat DUCATO X290	SKIA SIDE	Driver and passenger windows	Left- and right-side blinds
Fiat DUCATO V8	SKIA FRONT	Windshield	Blind with mirror compartment and sensor
Fiat DUCATO V8	SKIA SIDE	Driver and passenger windows	Left- and right-side blinds



SKIA PRIVACY

Accessory I Skia

• Attaches to the bottom of SKIA windshield blind to block all light from entering the vehicle cabin



SKIA SPACER

SKIA Accessory I Skia

- Provides additional space for the sun visor to be utilized while SKIA is installed
- Installs under the existing sun visor pivot cover



Installs under the existing sun visor pivot cover



Provides additional space for the sun visor to be utilized while SKIA is installed



Left - Driver



Right - Passenger

Part #	Color	Location
153	Light grey (RAL 7035)	Driver / left
154	Light grey (RAL 7035)	Passenger / Right



VANSCREEN

Sliding door flyscreen

- Aluminum sliding flyscreen with flat, L-shaped guide provides a versatile solution to fit a variety of layouts
- Clutched sliding system allows the screen to be opened to any position
- Keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Vanscreen should be left open while van door is closed to avoid obstruction
- Works independently of the sliding door
- Right-hand door option is available upon request
- Fireproof fabric options are available upon request







Keeps out insects and debris while allowing fresh airflow



Clutched sliding system allows the screen to be opened to any position

Color option'

Ral 9005

Jet black

Fits Van	Location	Color	体H	₩
Fiat DUCATO X250 / X290 / V8	Right-hand door only	Jet black (RAL 9005)	1.708 mm	1.295 mm



ELARA

Motorcaravan door flyscreen

- PVC sliding flyscreen with walkable,
 U-shaped guide provides a versatile solution for motorcaravan doors
- Clutched sliding system allows the screen to be opened to any position
- Keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Adaptable at different distances from the van wall
- Fireproof fabric options are available upon request for added privacy

Color options

Ral 9010

Ral 1013

Ral 9005

Pure white

Oyster white

Jet black





←⋯ Cutout Dimension Ranges				
⅓H	なし			
1.490 mm to 2.000 mm	565 mm to 965 mm			

HYDRA

Blind I Aluminum

- Manual sliding system with spring-assist for easier operation
- Clutched sliding mechanism allows for easy opening to any position
- Strong, lightweight aluminum frame construction
- Retractable, pleated blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- White inner fabric with silver-colored outer side
- Fireproof fabric options are available upon request

Color options

Ral 9010

Ral 1013

Ral 9005

Pure white

Oyster white

Jet black



Profile curve radius

↔ Blind Dimension Ranges		← Cutout Dimension Ranges		
¼ Height	[†]	[†]	[†]	Profile Curvature Radius
380 mm to 1.330 mm	340 mm to 2.090 mm	250 mm to 1.200 mm	250 mm to 2.000 mm	350 mm+

TWINS

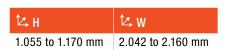
Blind I Aluminum

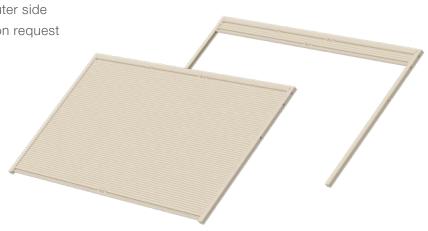
- Manual sliding system with spring-assist for easier operation
- Clutched sliding mechanism allows for easy opening to any position
- Strong, lightweight aluminum frame construction
- Retractable, honeycomb pleated blind to keep vehicle interior blacked-out for privacy while parked
- Locking clip fixes the fabric in the desired position
- Integrated aluminum and plastic handle for easy operation
- White inner fabric with cream-colored outer side
- Fireproof fabric options are available upon request

Color option'

Ral 1013

Oyster white







WINDOW COMPATIBILITY

See page 26 for more information about windows

For blinds and flyscreens

If you are looking for a complete window system, our compatibility chart will help you pair our blinds and flyscreens with the corresponding window.



Blinds & Fl	Blinds & Flyscreens Hinged Window Systems			Aluminum Framed Window Systems			ems		
Name	Material	Primo	Mezzo	Aero	Curvo	Poly. Slide	Poly. Eco	Poly. Aero	Poly. Curved
Wall Thickness Comparison									
Pluto	Aluminum	≥ 25 mm	≥ 25 mm	≥ 25 mm	≥ 25 mm	≥ 25 mm	≥ 25 mm	≥ 25 mm	≥ 25 mm
Mars Evo	Aluminum	≥ 25 mm	≥ 25 mm	≥ 25 mm	≥ 25 mm	≥ 43 mm	≥ 43 mm	≥ 43 mm	≥ 43 mm
Vega	PVC	≥ 25 mm	≥ 25 mm	≥ 25 mm	No	≥ 28 mm	≥ 28 mm	≥ 28 mm	No
Sirius	PVC	≥ 25 mm	≥ 25 mm	≥ 25 mm	No	≥ 43 mm	≥ 43 mm	≥ 43 mm	No
Sirius Open	PVC	≥ 25 mm	≥ 25 mm	≥ 25 mm	No	≥ 43 mm	≥ 43 mm	≥ 43 mm	No
Altair	PVC	≥ 25 mm	≥ 25 mm	≥ 25 mm	No	≥ 25 mm	≥ 25 mm	≥ 25 mm	No
Altair Open	PVC	≥ 25 mm	≥ 25 mm	≥ 25 mm	No	≥ 43 mm	≥ 43 mm	≥ 43 mm	No

^{*} Wall thickness may vary according to customer installation



PLUTO

Pleated blind and flyscreen I Aluminum

- Manual sliding system provides a bold-profile solution with spring-assist for easier operation
- Clutched sliding mechanism allows for easy opening to any position
- Lightweight aluminum frame with retractable blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- Heavy-duty ABS locking clip for improved security
- Profile curvature is customizable for curved-wall vans
- Fireproof fabric options are available upon request
- For window compatibility, see the comparison chart on page 79

Color option'

Ral 7035

Ral 1013

Light grey

Oyster white (available upon request)



Profile curve radius

↔ Blind Dimension Ranges		←⊷ Cutout Dimension Ranges		
¼ H	₺w	⊈H	⅓w	Profile Curvature Radius
380 mm to 1.330 mm	340 mm to 2.090 mm	250 mm to 1.200 mm	250 mm to 2.000 mm	1.750 mm+



MARS EVO

Pleated blind and flyscreen I Aluminum

- New design and improved functionality
- New strings adjusting system allows to regulate without removing the blind from the wall (patent pending)
- Profile curvature is customizable for curved-wall vans
- Fixing points on the angles (no holes and caps on the frame)
- Clutched sliding mechanism allows for easy opening to any position
- Available in combo or single fabric (only screen / only blind)
- Lightweight aluminum frame with retractable pleated blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- Heavy-duty ABS locking clip for improved security
- Fireproof fabric options are available upon request
- For window compatibility, see the comparison chart on page 79

Color option*

Ral 9010

Ral 1013

Ral 9005

Pure white

Oyster white

Jet black

↔ Blind Dimension Ranges		←⊷ Cutout Dimension Ranges		
₩H	₺w	⊈H	₺w	Profile Curvature Radius
380 mm to 1.330 mm	340 mm to 2.090 mm	250 mm to 1.200 mm	250 mm to 2.000 mm	1.750 mm+







VEGA

Pleated blind and flyscreen I Polymer

- Manual sliding system provides a bold-profile solution with spring-assist for easier operation
- Clutched sliding mechanism allows for easy opening to any position
- Constructed with a lightweight, durable PVC frame and polyester fabric blinds
- Retractable, pleated blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- Compatible with all vehicles that have flat walls
- Fireproof fabric options are available upon request
- For window compatibility, see the comparison chart on page 79

Color option'

Ral 1013

Ral 9013

Oyster white

Grey (fabric)

			488
		8	

← Blind Dim	ension Ranges	←⋯→ Cutout Dimension Ranges		
₩H	t₄ w	₺H	¹⊈ w	
309 mm to 959 mm	309 mm to 1.359 mm	250 mm to 900 mm	250 mm to 1.300 mm	





SIRIUS

Pleated blind and flyscreen I Polymer

- Clutched sliding mechanism allows for easy opening to any position
- Constructed with a lightweight, durable PVC frame and polyester fabric blinds
- Retractable, pleated blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- Slim-profile solution compatible with all vehicles that have flat walls
- Fireproof fabric options are available upon request for added safety
- For window compatibility, see the comparison chart on page 79



Color options'

Ral 9010	Ral 1013	Ral 9005	Ral 9016
Pure white	Oyster white	Jet black	Grey (fabric)

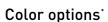
↔ Blind Dim	ension Ranges	←→ Cutout Din	nension Ranges
₽H	₺w	₹H	t₄ w
320 mm to 970 mm	320 mm to 1.370 mm	250 mm to 900 mm	250 mm to 1.300 mm



SIRIUS OPEN

Pleated blind and flyscreen I Polymer

- Sirius with three sides
- Ideal for small spaces like the bathroom window
- Available in combo or single fabric (only screen / only blind)
- Clutched sliding mechanism allows for easy opening to any position
- Constructed with a lightweight, durable PVC frame and polyester fabric blinds
- Retractable, pleated blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- Slim-profile solution compatible with all vehicles that have flat walls
- Fireproof fabric options are available upon request
- For window compatibility, see the comparison chart on page 79



Ral 9010 Ral 1013

Ral 9005

Pure white

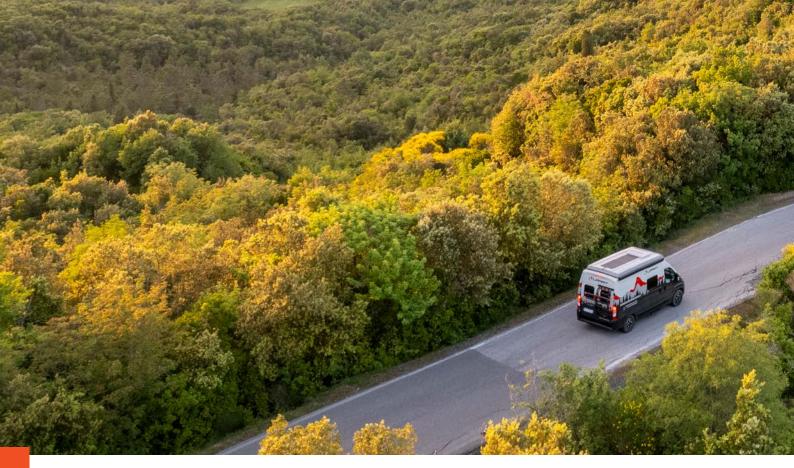
Oyster white

Jet black

↔ Blind Dim	nension Ranges	← Cutout Din	nension Ranges	
₽H	₺w	は _H はW		
365 mm to 1.015 mm	320 mm to 1.370 mm	250 mm to 900 mm	250 mm to 1.300 mm	







ALTAIR

Roller blind and flyscreen I Polymer



- Constructed with a lightweight, durable PVC frame and polyester fabric blinds
- Rolling and sliding system made with lightweight and durable aluminum
- Clutched sliding mechanism allows for easy opening to any position
- Available in combo or single fabric (only screen / only blind)
- Retractable rolled blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- For window compatibility, see the comparison chart on page 79





Color options

Ral 9010

Ral 1013

Ral 9005

Pure white

Oyster white

Jet black

← Blind Dim	nension Ranges	← Cutout Din	nension Ranges
₩H	t₄ w	⅓H	t₄ w
421 mm to 1.071 mm	338 mm to 1.388 mm	250 mm to 900 mm	250 mm to 1.300 mm



ALTAIR OPEN

Roller blind and flyscreen I Polymer

- New rolled blind with three sides and compact, functional design
- Constructed with a lightweight, durable PVC frame and polyester fabric blinds
- Rolling and sliding system made with lightweight and durable aluminum
- Clutched sliding mechanism allows for easy opening to any position
- Available in combo or single fabric (only screen / only blind)
- Retractable rolled blind to help filter light and provide privacy
- Mesh screen keeps out flies, mosquitoes, and debris while allowing fresh airflow
- Integrated aluminum handle for easy operation
- For window compatibility, see the comparison chart on page 79





Color options

Ral 9010 Ral 1013 Ral 9005

Pure white Oyster white Jet black

↔→ Blind Di	mension Ranges	Cutout Dimension Ranges			
₩H	₺w	ts H ts W			
385 mm to 1.035 mm	338 mm to 1.388 mm	250 mm to 900 mm	250 mm to 1.300 mm		

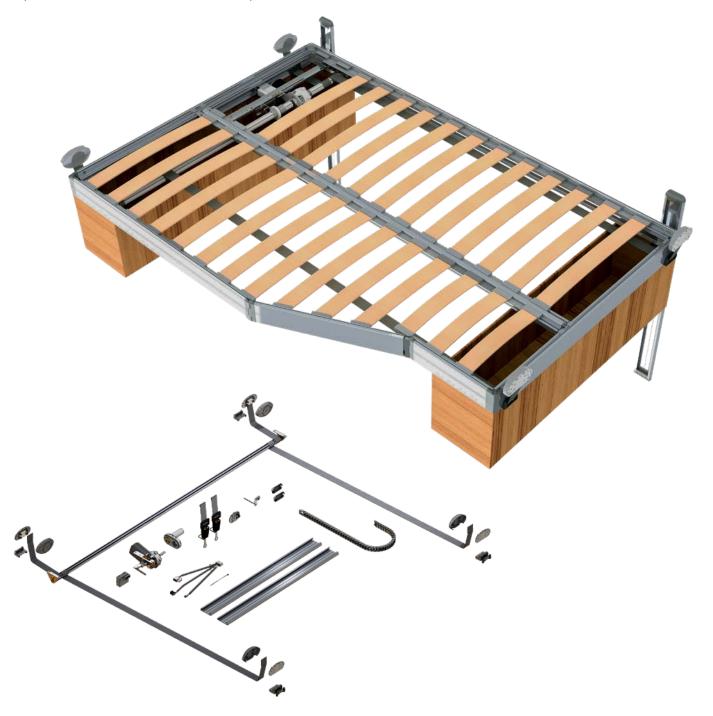




MODULAR SMART BED

Lifting system | Electric

- Engineered to lift and / or lower in the rear garage, above the dinette, or driver's seat
- High-performing gear motor with optional integrated encoder
- Device fits completely under the bed frame and offers maximum fitting flexibility
- Complete bed lifting system is ready for installation (comes with or without the bed frame)
- Includes manual emergency system
- Heavy-duty steel and aluminum construction
- Available with an advanced control system to manage different positions
- Technical specifications may change depending on customer request
- Available with wall-mounted supports



Stroke Range	Static Load	Lift Load	坛L	なw	Operation Speed	Amps	Volts	Â
300 to 1.500 mm	300 kg	60 kg	1.900 mm	650 mm	~60 mm/sec	12 A to 20 A	12V DC	8,6 kg

^{*} Variable according to the requested configuration



DENVER

Lifting bed with extending frame I Electric

- Engineered to lift and / or lower in the rear garage or above the dinette
- High-performing gear motor with optional integrated encoder
- Lifting system fits completely under the bed frame and offers maximum fitting flexibility
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Available with advanced control system to manage different positions
- Customizable bed shape and dimensions
- Includes bed frame and lifting system
- Extendable frame accommodates a larger mattress while ensuring compact storage (extended section must be supported)
- Available with wall fixing



Stroke Range	Static Load	Lift Load	坛 L	└┴w	Operation Speed	Amps	Volts	<u> </u>
300 to 1.500 mm	300 kg	60 kg	1.900 mm	1.000 to 1.400mm	60 to 100 mm/sec	9 A to 20 A	12V DC	32 kg

DENVER EVO

NFW

Lifting bed with extending frame I Electric

- Engineered to lift and / or lower in the rear garage or above the dinette
- High-performing gear motor with optional integrated encoder
- Lifting system fits completely under the bed frame and offers maximum fitting flexibility
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Available with advanced control system to manage different positions
- Customizable bed shape and dimensions
- Includes bed frame and lifting system
- Extendable frame accommodates a larger mattress while ensuring compact storage (extended section must be supported)
- Available with wall fixing



Stroke Range	Static Load	Lift Load	t L	₺w	Operation Speed	Amps	Volts	Å
300 to 1.500 mm	250 kg	60 kg	1.900 mm	1.150 to 1.650mm	60 to 100 mm/sec	2,5 A to 21 A	12V DC	50 kg

SEVILLA

Lifting bed with folding frame | Electric

- Engineered to lift and / or lower in the rear garage, above the dinette or driver's seat
- Hinges allow rotation of the bed for installation above the driver (supported by belts)
- High-performing gear motor with optional integrated encoder
- Lifting system fits completely under the bed frame and offers maximum fitting flexibility
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Available with advanced control system to manage different positions
- Customizable bed shape and dimensions
- Includes bed frame and lifting system
- Extendable frame accommodates a larger mattress while ensuring compact storage (extended section must be supported)
- Available with wall fixing



Static Load	Lift Load	坛 L	₺w	Operation Speed	Amps	Volts	<u> </u>
250 ka	60 kg	1.800 to 1.900 mm	1.350 mm	60 to 100 mm/sec	9 A to 20 A	12V DC	35 ka

TOSCANA

Lifting bed I Electric or manual

- Engineered to lift and / or lower in the rear garage, above the dinette, or driver's seat
- High-performing gear motor with optional integrated encoder
- Lifting system fits completely under the bed frame and offers maximum fitting flexibility
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Available with advanced control system to manage different positions
- Customizable bed shape and dimensions
- Includes bed frame and lifting system
- Available with electric motor or manual crank option
- Available with wall fixing, slim profile, and bed frame



Stroke Range	Static Load	Lift Load	なL	はw	Operation Speed	Amps	Volts	<u> </u>
300 to 1.500 mm	250 kg	60 kg	2.000 mm	1.300 mm	60 to 100 mm/sec	9 A to 20 A	12V DC	23 kg

LISBONA

Lifting bed I Electric or manual

- Engineered to lift and / or lower in the rear garage
- High-performing gear motor with optional integrated encoder (electric version)
- Available with wall fixing and aluminum legs
- Lifting system fits completely under the bed frame and offers maximum fitting flexibility
- Available with advanced control system to manage different positions (electric version)
- Bed base with hinges and gas springs (optional) to facilitate access to the storage underneath
- Customizable bed shape and dimensions
- Available with electric motor lifting system or manual crank option
- Heavy-duty yet lightweight aluminum frame with wooden slats



Stroke Range	Static Load	Lift Load	ts L	はw	Å
300 to 600 mm	250 kg	60 kg	1.900 mm	1.350 mm	46 kg

LISBONA EVO

Lifting bed I Electric or manual

- Engineered to lift and / or lower in the rear garage
- High-performing gear motor with optional integrated encoder (electric version)
- Available with wall fixing and aluminum legs
- Lifting system fits completely under the bed frame and offers maximum fitting flexibility
- Customizable bed shape and dimensions
- Available with advanced control system to manage different positions (electric version)
- Reclinable back for comfortable sleeping, reading, watching TV and relaxation
- Bed base with hinges and gas springs (optional) to facilitate access to the storage underneath
- Available with electric motor lifting system or manual crank option
- Heavy-duty yet lightweight aluminum frame with wooden slats



Stroke Range	Static Load	Lift Load	な _L	ኴw	<u> </u>
300 to 600 mm	250 kg	60 kg	1.900 mm	1.350 mm	40 kg

DETROIT

Lifting bed I Manual

- Designed for easy installation without wall guides and belts
- Customizable vertical stroke, straight, or swing movement
- Customizable bed shape and dimensions
- Easy installation above the driver
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Lateral steel arms assisted by gas springs for smooth and stable movement
- Lifting and lowering movements can be customized to fit the shape of the vehicle
- Locking system for high bed position
- Onboard frontal handle to lock and unlock the bed positions



Stroke Range	Static Load	Lift Load	ts L	なw	<u> </u>
300 to 700 mm	250 kg	20 kg	1.950 mm	1.500 mm	36 kg

SAN DIEGO

Lifting bed I Manual

- Designed for easy installation without wall guides and belts
- Customizable vertical stroke, straight, or swing movement
- Easy installation above the driver
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Lateral steel arms assisted by gas springs for smooth and stable movement
- Lifting and lowering movements can be customized to fit the shape of the vehicle
- Locking system for high bed position
- Onboard frontal handle to lock and unlock the bed positions
- Customizable bed shape and dimensions



Stroke Range	Static Load	Lift Load	ts l	₺w	Â
550 to 870 mm	250 kg	20 kg	1.950 mm	1.500 mm	46,5 kg



MANILA

Lifting bed I Manual

- Engineered to lift and / or lower in the rear garage, above the dinette, or driver's seat
- High-performing, zero-gravity gas struts
- Lifting system fits completely under the bed frame and offers maximum fitting flexibility
- Heavy-duty, lightweight aluminum frame with wooden slats
- Customizable bed shape and dimensions
- Fast, easy installation with no wiring required
- Includes bed frame and lifting system
- Available with wall fixing



Stroke	Static Load	Lift Load	₺ L	₺w	<u> </u>
950 mm	250 kg	45 kg	1.500 to 1.900mm	1.300 mm	25 kg

MANILA SMART KIT

Lifting system I Manual

- Engineered to lift and / or lower in the rear garage, above the dinette, or driver's seat
- High-performing, zero-gravity gas struts
- Lifting system fits completely under the bed panel and offers maximum fitting flexibility
- Fast, easy installation with no wiring required
- Includes lifting system
- Available with wall fixing
- Customizable bed shape and dimensions



NEW

Stroke	Max Lift Load	₺L	└┴w	<u> </u>
950 mm	45 kg	1.900 mm	1.300 mm	25 kg

FIRENZE

Sliding bed I Electric or manual

- Reclinable back for comfortable sleeping, reading, watching TV, and relaxation
- Sliding design reduces overall dimensions while bed is not in use
- Available in manual, multi-position synchronized-assisted, or electric option
- Customizable bed shape and dimensions
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Available with standard or comfort wooden slats



Sliding Stroke	Static Load	坛L	₩	<u> </u>
200 mm	250 kg	1.900 mm	1.350 mm	22 kg

FIRENZE EVO

Sliding bed I Electric or manual

- Reclinable back for comfortable sleeping, reading, watching TV, and relaxation
- Bed base with rear hinges and gas springs to facilitate access to the storage underneath
- Sliding design reduces overall dimensions while bed is not in use
- Available in manual, multi-position synchronized-assisted, or electric option
- Customizable bed shape and dimensions
- Heavy-duty yet lightweight aluminum frame with wooden slats



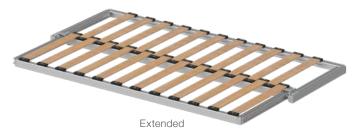
Sliding Stroke	Static Load	t₄ L	₺w	<u> </u>
200 mm	250 kg	1.900 mm	1.350 mm	24 kg

CHICAGO

Extendable folding bed base

- Manually folding, sliding structure
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Gas spring assisted for easy fold-up into the side wall
- Adjustable feet to promote stability
- Customizable bed shape and dimensions



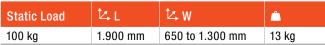


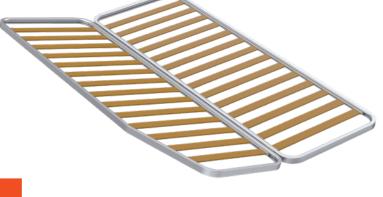
Stroke	Static Load	14 L	└┴ W	<u> </u>
320 mm	80 kg	1.400 mm	730 to 1.050 mm	18 kg

VIENNA

Folding bed base

- Folding frame to convert from double to single-bed configuration
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Customizable bed shape and dimensions





98

OSLO & OSLO PLUS

Extending bed base

- Extendable frame to convert from single to double-bed configuration
- Larger frame profile on Oslo Plus
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Customizable bed shape and dimensions





Static Load	なL	₺w	₽H	Â
Oslo				
200 kg	1.950 mm	730 to 1.300 mm	35 mm	11 kg

Oslo extended

Static Load	坛 L	₺w	₽H	<u> </u>
Oslo Plus				
200 kg	1.950 mm	730 to 1.300 mm	50 mm	15 kg

Oslo Plus extended

LONDRA

Roll-up bed base

- Flexible PVC side rails roll up for compact storage
- Wood slats for strength, comfort, and a stylish accent
- Available in single or double-bed configurations
- Includes side rail assemblies and slats

Style	Static Load	本L	₩	<u> </u>
Single base	120 kg	1.900 mm	650 mm	5 kg
Double base	200 kg	1.900 mm	1.300 mm	14 kg





Wood slats for strength, comfort, and a stylish accent



Flexible PVC side rails roll up for compact storage

MADRID

Bed base

- Bed base with rear hinges and gas springs to facilitate access to the storage underneath
- Designed for motorhomes, caravans, and tent trailers
- Heavy-duty yet lightweight aluminum frame with wooden slats
- Customizable bed shape and dimensions
- Includes bed frame and gas springs



Static Load	₺L	t₄w	<u> </u>
200 kg	1.900mm	1.320 mm	19 kg

MONACO

Bed base

- Slim, lightweight aluminum frame with wooden slats
- Space-saving slim profile is 10 mm lower and 22% lighter than a standard profile
- Interchangeable components with the Nice bed base
- Available in single or double-bed configuration



Static Load	t ₄ L	ß₩	<u> </u>
100 kg	1.900 mm	650 mm	6 kg



NEW



NICE

Bed base

- Heavy-duty yet lightweight aluminum frame with wooden slats
- Available in single or double-bed configurations
- Customizable bed shape and dimensions

Static Load	はL	₺w	_
100 kg	1.900 mm	650 mm	7 kg



SANTA CRUZ

Bed base

- Heavy-duty yet lightweight anodized aluminum frame
- Fire-resistant net for strength, comfort, and a stylish accent
- Compatible with virtually all types of vehicles
- Foldable legs allow for use as beach lounger
- Customizable bed dimensions



Static Load	坛L	₺w	<u> </u>
100 kg	1.900 mm	650 mm	11 kg



STLA FLEX

Suspension

- Suspends bed frame to improve sleep comfort
- Durable plastic construction with memory shape for maximum comfort
- Can be mounted on all beds with staves
- 36 pieces required for single bed and 72 for double bed







Can be mounted on all beds with staves



\Diamond	⊈H	坛L	₺w
Plastic	40 mm	175 mm	175 mm

VOLO

Safety net

- Attaches to the bedside to prevent nighttime falling
- For children over six years old
- Lightweight yet durable aluminum rail construction
- Compatible with virtually all lifting beds



Double-coated PVC and 100% polyester mesh



Comes with all required installation hardware and straps



华L	坯H	\Diamond	•
1.500 mm to1.800 mm	350 mm to 580 mm	Aluminum	Nylon / PVC

103

LIFTER

Control panel

- Switch with a control panel to manage the bed lifting movement
- Can be integrated into the bed frame on specific bed profiles
- Available with or without key







Lifter 1

Lifter 2

Lifter 3

I if



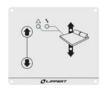
Lifter switch control panels can be integrated into the bed frame

Name	Description
Lifter 1	Module with key
Lifter 2	Module without key
Lifter 3	Module with key

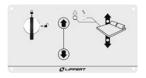
ELEKTRA SMART

Control panel

- Control box with control panel to manage the bed lifting movement (Elektra 1 & 2)
- Switch with a control panel to manage the bed lifting movement (Elektra 3)
- Can be installed separately from the bed frame
- Available with or without key







Elektra Smart 1

Elektra Smart 2

Elektra Smart 3

Name	Description
Elektra Smart 1	Module without key
Elektra Smart 2	Module with key
Elektra Smart 3	Module with key

LIFTY

Handle

• Allows manual movement of the bed



TITTA

Bunk ladder

- Aluminum bunk ladder with hooks
- T-Feet 15 maximize friction to avoid slipping and ensure stability
- T-Hook 6 provides a safe, robust connection to the bed frame
- Durable and lightweight aluminum construction
- Includes T-Hook Base hook supports



Rounded rungs for comfortable



Feet maximize friction to avoid



comfortable grip and footin	g slipping and ens		sure stability	LШ	Ц
₩H	はW		<u>^</u>		Ê
1.300 mm to 1.700 mm	290 mm		1,60 kg to 2,00 kg		100 kg

TITTA LARGE-STEP

Bunk ladder

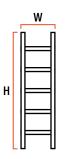
- Rounded rungs for comfortable climbing
- T-Feet 15 maximize friction to avoid slipping and ensure stability
- T-Hook 6 provides a safe, robust connection to the bed frame
- Durable and lightweight aluminum construction
- Includes T-Hook Base hook supports



Extra-wide, step-like rungs for maximum comfort



Hooks provide a safe, robust connection to the bed frame



₩H	₺w	<u> </u>	<u> </u>
1.300 mm to 1.700 mm	290 mm	1,97 kg to 2,75 kg	100 kg







TITTA STRONG

Bunk ladder

- T-Hook 2 provides a safe connection to the bed frame
- T-Feet HS and HR maximize friction to avoid slipping and ensure stability
- Durable and lightweight reinforced aluminum construction
- Includes T-Hook Base hook supports



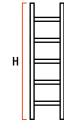
Rounded rungs for comfortable grip and footing



Feet maximize friction to avoid slipping and ensure stability

⊈H	₺w	<u> </u>	<u>ه</u>
1.300 mm to 1.900 mm	290 mm	1,60 kg to 2,40 kg	150 kg





TITTA STRONG FOLDING

Bunk ladder

- Folding mechanism with heavy-duty hinges for compact storage
- T-Hook 2 provides a safe connection to the bed frame
- T-Feet HS and HR maximize friction to avoid slipping and ensure stability
- Durable and lightweight reinforced aluminum construction
- Includes T-Hook Base hook supports



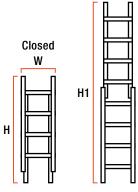
Rounded rungs for comfortable grip and footing

14 H

890 to 1.250 mm



Feet maximize friction to avoid slipping and ensure stability



Open

炓 H1	₺w	<u> </u>	À
1.5000 to 2.100 mm	290 mm	2,40 kg to 3,40 kg	150 kg



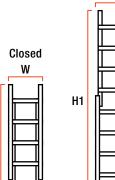
TITTA FOLDING 2

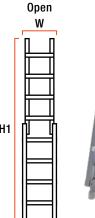
Bunk ladder

- Folding mechanism with heavy-duty hinges for compact storage
- T-Feet 15 maximize friction to avoid slipping and ensure stability
- T-Hook 6 provides a safe, robust connection to the bed frame
- Durable and lightweight aluminum construction
- Includes T-Hook Base hook supports



Rounded rungs for comfortable grip and footing





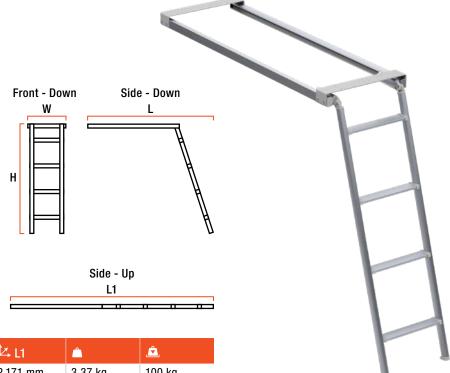


⊈ H	¼ H1	₺w	<u> </u>	<u> </u>
870 mm to 990 mm	1.500 mm to 1.700 mm	290 mm	2,29 kg to 3 kg	100 kg

SLIDE

Bunk ladder

- Retracting aluminum bunk ladder that folds securely under the bed
- Bottom feet maximize friction to avoid slipping and ensure stability
- Durable and lightweight aluminum construction



₩H	₺w	₺L	4 11	<u> </u>	È
1.000 mm	290 mm	1.374 mm	2.171 mm	3,37 kg	100 kg

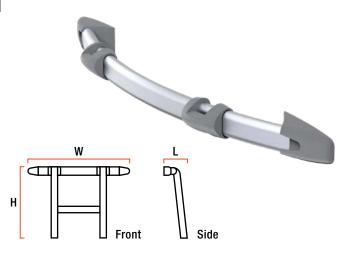


LADDER CONNECTION

Accessory I Ladder

- Handle with safety hooks for secure ladder attachment and easier climbing
- Recommended for bed frames that are not suitable for connecting ladder hooks
- Durable and lightweight aluminum construction
- Designed for use with T-Hook 4 only

ß₩	ts L	<u> </u>
700 mm	60 mm	0,30 kg



HOOKS

Replacement I Ladder

- Provides a safe, robust ladder connection to the bed frame
- Durable and lightweight plastic construction















T-Hook 1

T-Hook 2 (L)

T-Hook 2 (R)

T-Hook 3

T-Hook 4

T-Hook 5

T-Hook 6

Name	Description	Includes		
T-Hook 1	Hook for Titta, Titta Folding 2 and Titta Large-Step	One hook		
T-Hook 2				
T-Hook 2	Hook 2 Right hook for Titta Strong and Titta Strong Folding			
T-Hook 3	Hook for Titta, Titta Folding 2 and Titta Large-Step			
T-Hook 4 Hook for Titta, Titta Folding 2 and Titta Large-Step				
T-Hook 5				
T-Hook 6				
S-Hook				
T-Hook Base	Hook supports all T-HOOKS 2, 4 and 6			





T-Hook Base

S-Hook

T-Feet Way Pad



FEET

Up T-Feet

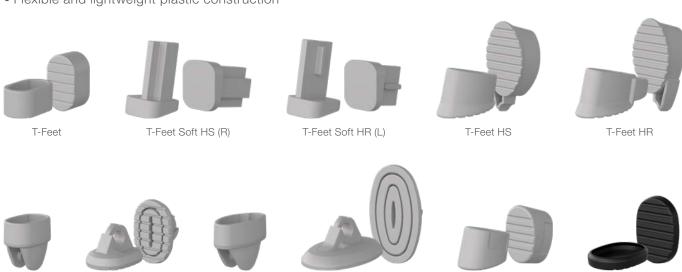
Replacement I Ladder

• Maximizes friction to avoid slipping and ensure ladder stability

Up T-Feet Way Strong

• Flexible and lightweight plastic construction

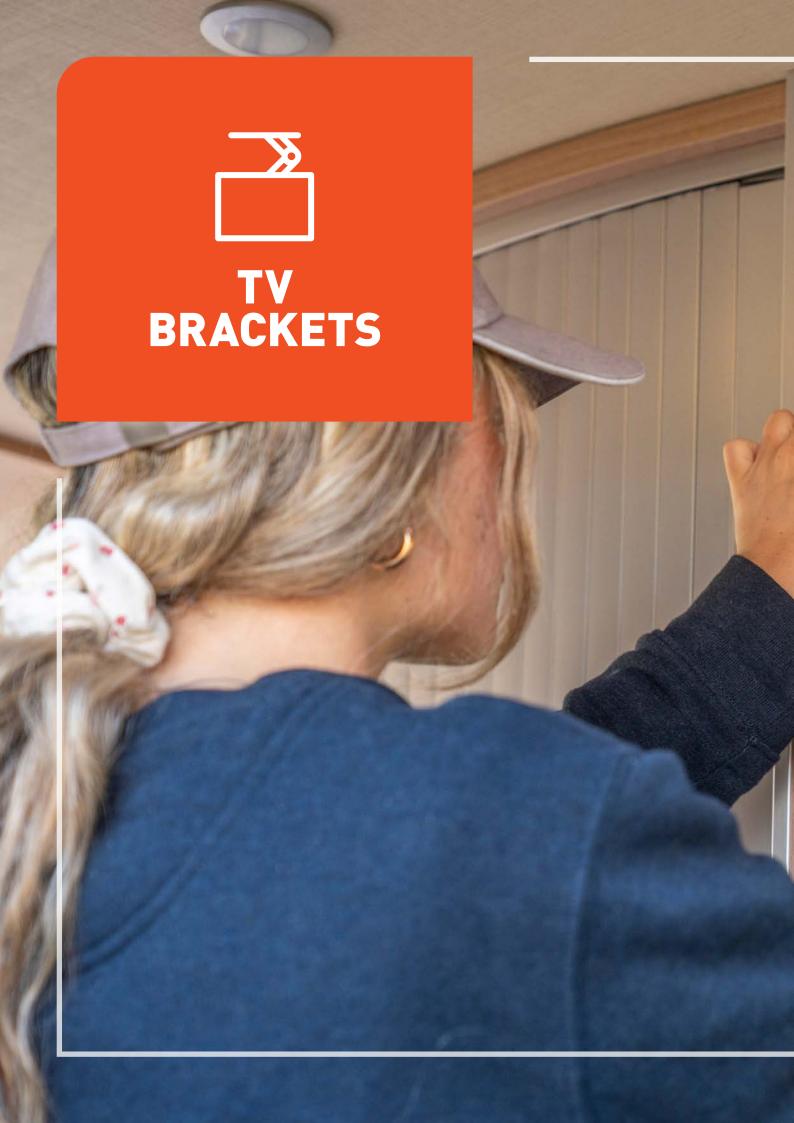
Down T-Feet Way



Name	Description	Includes
T-Feet	Flat foot for Titta, Titta Folding 2, Titta Large-Step	One foot
T-Feet Soft HS	Left soft foot for Titta, Titta Folding 2, Titta Large-Step	One foot (left)
T-Feet Soft HR	Right soft foot for Titta, Titta Folding 2, Titta Large-Step	One foot (right)
T-Feet HS	Left foot for Titta Strong	One foot (left)
T-Feet HR	Right foot for Titta Strong	One foot (right)
Up T-Feet	Upper part adjustable foot for Titta, Titta Folding 2, Titta Large-Step	One component
Down T-Feet Way	Lower part adjustable foot for Titta, Titta Folding 2, Titta Large-Step	One component
Up T-Feet Way Strong	Upper part adjustable foot for Titta Strong and Titta Strong Folding	One component
Down T-Feet Way Strong	Lower part adjustable foot for Titta Strong and Titta Strong Folding	One component
T-Feet 15	Adds 15° angle foot for Titta, Titta Folding 2, Titta Large-Step	One foot
T-Feet Way Pad Anti-slip pad for T-Feet Way		One pad

Down T-Feet Way Strong

T-Feet 15



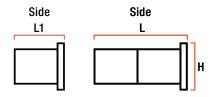


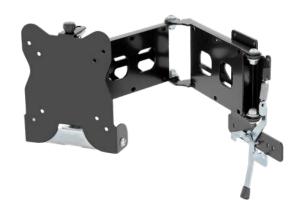


BUTTERFLY 2

Wall mounting system I Manual

- Pantograph mechanism maximizes extension while maintaining a low profile
- Support arm can be locked in place while vehicle is in motion
- Revolves and tilts 180° up or down for easy visibility anywhere in the van
- Steel construction



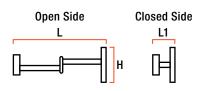


МL	- 1 L1	⊈H	_	Ê	×
34 mm to 84 mm	261 mm to 482 mm	156 mm to 160 mm	1,2 kg to 2,4 kg	8 kg	75 x 75 mm / 100 x 100 mm

BUMBLEBEE

Wall mounting system I Manual

- Three self-braking joints for easy viewing
- Available in single, double, or triple rotation axis
- Modular design is sleek and lightweight
- Steel and aluminum construction with a matte black powder coat finish





ML	⊣ L1	₺H	_	À	×
558 to 562 mm	38 to 62 mm	120 mm	0,9 to 1,7 kg	8 kg	75 x 75 mm / 100 x 100 mm

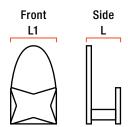
DAISY 2

Wall mounting system I Manual

- Rotates from 120° to 130° and tilts up to 23° for easy viewing
- Support arm can be locked in place while vehicle is in motion
- Steel construction



Rotates from 120° to 130° and tilts up to 23° for easy viewing





坛 L	₺ ₺	体H	_	<u> </u>	×
73 mm to 78 mm	120 mm	120 mm to 209 mm	6,0 kg to 8,0 kg	10 kg	75 x 75 mm / 100 x 100 mm

LOTUS

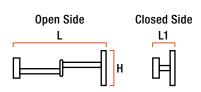
Wall mounting system I Manual

Lotus 1

- Three self-braking joints with adjustable 0° to 15° tilt for easy viewing
- Ability to close in either direction to better adapt to van layout
- Support arm can be locked in place while vehicle is in motion
- Aluminum and steel construction

Lotus 2

- Three self-braking joints with adjustable 0° to 15° tilt for easy viewing
- Support arm can be locked in place while vehicle is in motion
- Steel construction







⊣L	≤ L1	⊈H	<u> </u>	<u> </u>	×
424 mm to 570 mm	63 mm to 93 mm	120 mm to 142 mm	1,1 kg to 1,6 kg	8 kg to 10 kg	75 x 75 mm / 100 x 100 mm





ROSE

Wall mounting system I Manual

Rose 1

- Slides out horizontally from a cabinet for convenient storage
- Pivots up to 22° when extended
- Rotates 220° and tilts up or down for easy viewing

• Right or left mounting options to accommodate any RV layout • Support arm can be locked in place while vehicle is in motion • Steel construction

Rose 2

- Slides out horizontally from a cabinet for convenient storage
- Pivots up to 22° when extended
- Can lower up to 15 cm
- Rotates 220° and tilts up or down for easy viewing
- Right or left mounting options to accommodate any RV layout
- Support arm can be locked in place while vehicle is in motion
- Steel construction



Rose 2



Outgoing	t₄ L	√IW	l w1	₩H	À	À	×
Lateral to the right or left	84,8 mm to 95,2 mm	315 mm to 510 mm	516 mm to 1.038 mm	207 mm to 268 mm	3,0 kg to 4,9 kg	10 kg	75 x 75 mm 100 x 100 mm

SUNFLOWER

Wall mounting system I Manual

Sunflower 1

- Rotates 180° and features a three-joint swivel arm for easy viewing
- Height adjustment range with lever brake for custom positioning
- Designed to mount on the right or left side
- Aluminum and steel construction
- Profile with narrow guide

Sunflower 2

- Rotates 180° and features a three-joint swivel arm for easy viewing
- Features adjustable 0° to 15° tilt
- Height adjustment range with lever brake for custom positioning
- Designed to mount on the right or left side
- Sleek and lightweight anodized aluminum arm
- Extruded aluminum profile

Sunflower 3

- Rotates 180° and features a three-joint swivel arm for easy viewing
- Height adjustment range with lever brake for custom positioning
- Designed to mount on the right or left side
- Extruded aluminum profile

Sunflower 4

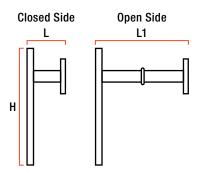
- Rotates 180° and features a three-joint swivel arm for easy viewing
- Height adjustment and pivoting arm allow for custom TV positioning
- Top end-cap provides a finished look
- Designed to mount on the right or left side
- Extruded aluminum profile











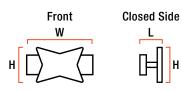
ĭ⊈H	МГ	- 1 L1	<u> </u>	ی	×
600 mm to 990 mm	58 mm to 99 mm	250 mm to 554 mm	1,6 kg to 1,9 kg	8 kg	75 x 75 mm / 100 x 100 mm

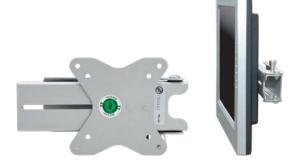


TULIP 2

Wall mounting system I Manual

- Compatible with Lavender TV brackets
- 90° rotation for vertical TV storage
- Two-joint swivel arm for easy viewing
- Lockable rotation and closed position for safe travel
- Horizontal sliding movement
- Support arm can be locked in place while vehicle is in motion
- Steel construction





⊣L	₺H	<u> </u>	À	×
278 mm	120 mm	0,8 kg	10 kg	75 x 75 mm / 100 x 100 mm

BLUEBELL

Lifting system I Manual

- Pivoting arm allows TV to be lowered down or retracted for convenient storage
- Revolves and tilts backward up to 90° for easy viewing



Pivoting arm allows TV to be lowered down or retracted



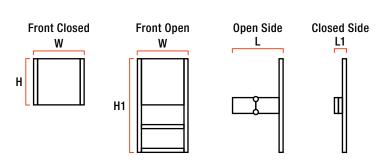


ML	L1	MH	H1	<u> </u>	À	×
325 mm to 525 mm	885 mm to 1.285 mm	120 mm	288 mm	3,6 kg to 4,7 kg	10 kg	75 x 75 mm / 100 x 100 mm

EDELWEISS 2

Lifting system I Manual

- Three-joint swivel arm with 180° swivel for easy viewing
- Lift mechanism can be locked in place while vehicle is in motion





⊣L	₩L1	MH	-∏ Н1	₺w	Â	٨	×
280 mm	131 mm	440 mm	891 mm	480 mm	7,3 kg	8 kg	75 x 75 mm / 100 x 100 mm / 200 x 100 mm

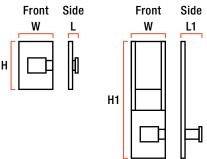
LAVENDER

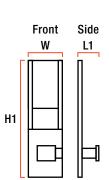
Lifting system I Manual

- Two-joint swivel arm for easy viewing
- 400 mm height adjustment range and 10° to 170° pivot for custom positioning
- Right or left placement to adapt to any van layout











Open front

t₄ w	MH	1 н1	L	L1	<u> </u>	<u> </u>	×
194 mm	310 mm	700 mm	47 mm	152 mm	2,9 kg	8 kg	75 x 75 mm / 100 x 100 mm

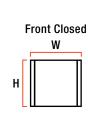
FRESIA

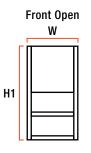
Lifting system I Electric

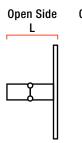
- Motorized lift allows TV to be retracted into the ceiling when not in use
- Extends to 1.015 mm and rotates 10° to 170° for easy viewing
- One-motor, belt-driven mechanism for automated sliding

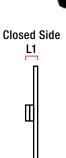


Extends and tilts for easy viewing









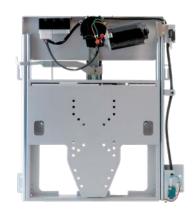


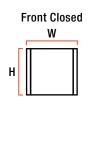
④	⊣L	√ L1	MH	∏ Н1	体w	Å	Ê	×
4 A	215 mm	268,75 mm	485 mm	1.014 mm	187 mm	5,7 kg	8 kg	75 x 75 mm / 100 x 100 mm

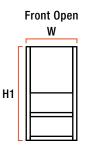
LILY

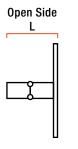
Lifting system | Electric

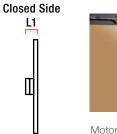
- Motorized lift allows the TV to be completely hidden when retracted
- Designed to drop down from a cabinet
- Extends up to 80 mm and tilts up to 23° for easy viewing
- Right or left placement to adapt to any van layout
- Multifunctional electronic control unit requires 3 A of energy input















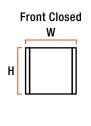
Motorized lift allows to TV to be completely hidden when retracted

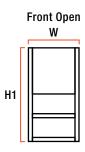
⊣L	√ 1 L1	M H	-∏ н1	₺w	<u> </u>	<u> </u>	×
124,1 mm	104,4 mm	467 mm	880 mm	356 mm	7,4 kg	10 kg	75 x 75 mm / 100 x 100 mm

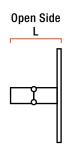
VIOLET 2

Lifting system I Electric

- Motorized lift allows TV to be completely hidden when retracted
- Dual-motor, belt-driven mechanism for smooth, even sliding
- Tilt adjustment for easy viewing











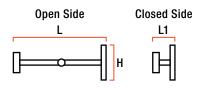
Violet 2

⊣L	√ 1 L1	МН	—] H1	₺w	<u> </u>	À	×
133,8 mm	95 mm	504 mm to 532 mm	950 mm to 958 mm	398 mm to 635 mm	7,1 to 9,5 kg	8 to 15 kg	75 x 75 mm 100 x 100 mm 200 x 100 mm

DRAGONFLY

Pole mounting system I Manual

- Rotates 270° and features a three-joint swivel arm for easy viewing
- Adjustable height on the pole with locking knobs for custom positioning
- Mounting pole not included



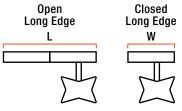


⊣L	₩L1	⅓H	<u> </u>	Â	×
475 mm	131 mm	200 mm	1,6 kg	8 kg	75 x 75 mm / 100 x 100 mm

IRIS

Ceiling mounting system I Manual

- Revolves 360° and tilts for easy viewing
- Vertical adjustment with 129 mm of range
- Horizontal adjustment
- Steel construction







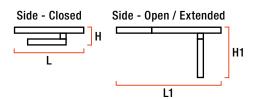
120



WISTERIA

Ceiling mounting system I Manual

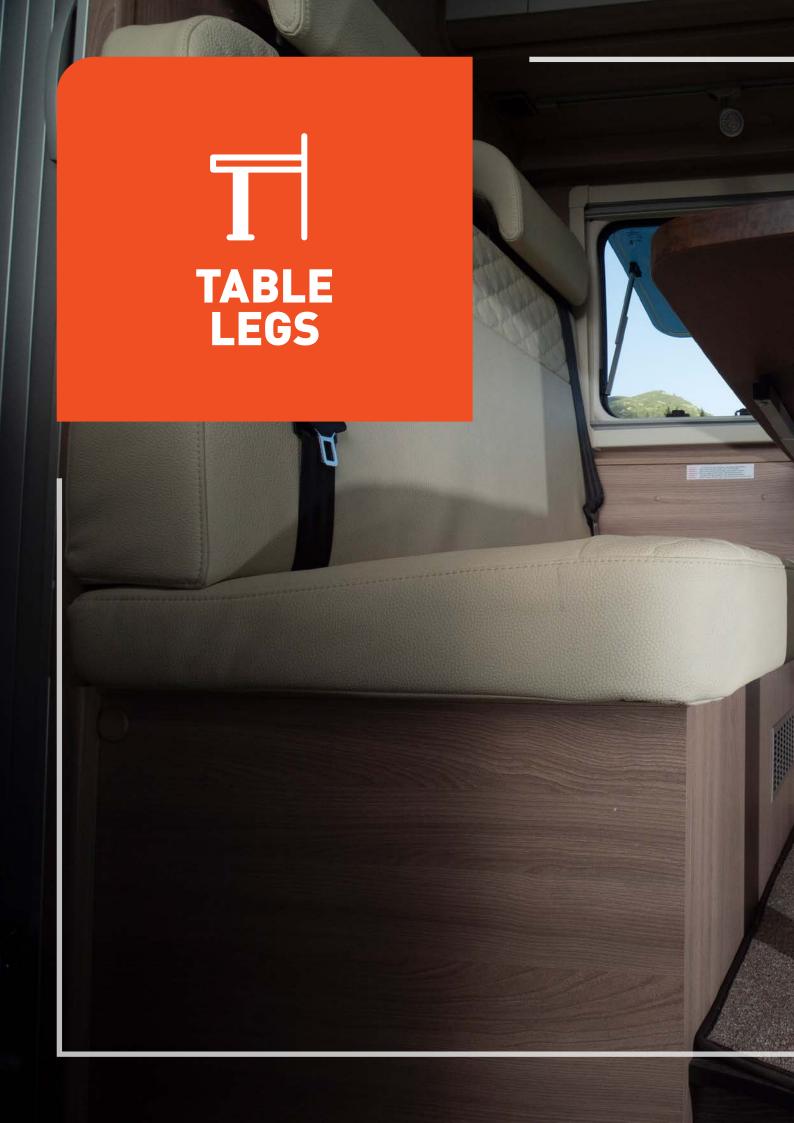
- Slide adjustment for custom positioning of the TV
- Wall-mount and ceiling-mount options available
- Revolves and tilts forward up to 18° and backward up to 90° for easy viewing
- Automatically locks in closed position for safe travel







Style	ML	⊣u	MH	—l H1	Å	۵	×
Standard	320 to 525 mm	715 to 1.050 mm	72 to 88 mm	323 to 339 mm	3,0 to 4,4 kg	10 to 20 kg	75 x 75 / 100 x 100 mm
Ceiling	320 to 471 mm	715 to 1.020 mm	72 to 88 mm	323 to 339 mm	3,0 to 4,2 kg	10 to 20 kg	75 x 75 / 100 x 100 mm

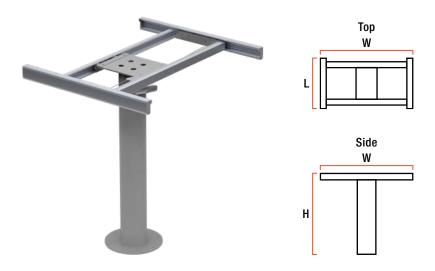




COLUMN

Table leg I Fixed

- Plastic and aluminum slide components
- Steel construction for maximum strength
- Available with sliding and rotating table support



Slide Directions	Rotates	⊈H	ฆ	な _L	[†]
4	Yes	720 mm	695 mm	560 mm	220 mm x 220 mm

CORNER

Table leg I Fixed

- Rotating base plate
- Steel construction for maximum strength
- Round tube profile

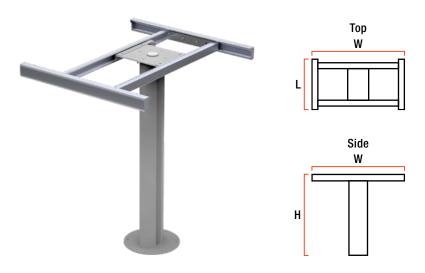


Version	Rotates	₩H	₺L	¼ L1	₩	[†] Foot Size
Corner 1	Yes	735 mm	450 mm	200 mm	200 mm	70 mm x 54 mm
Corner 2	Yes	730 mm	450 mm	200 mm	200 mm	100 mm x 80 mm

PLANET

Table leg | Fixed

- Plastic and aluminum slide components
- Steel construction for maximum strength
- Available with sliding and rotating table support

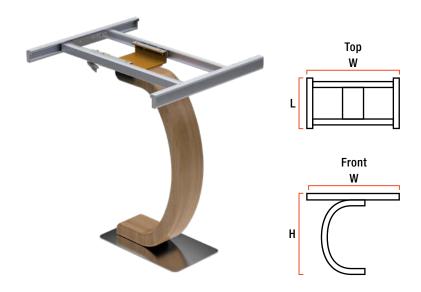


Slide Directions	Rotates	₽H	₺w	₺L	^t
4	Yes	740 mm	695 mm	560 mm	220 mm x 220 mm

RAINBOW

Table leg | Fixed

- Arched wood support
- Available with sliding and rotating table support

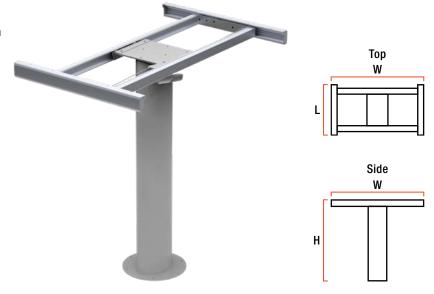


Slide Directions	Rotates	₽H	t₄w	t⊈ L	灶 Leg Width	└─ Foot Size
4	Yes or no	760 mm	695 mm	560 mm	128 mm	300 mm x 250 mm

UNIVERSO

Table leg | Fixed

- Plastic and aluminum slide components
- Steel construction for maximum strength
- Available with sliding and rotating table support



Slide Directions	Rotates	₽H	₺w	₺L	[†]
4	No	740 mm	680 mm	560 mm	220 mm x 220 mm

COSMO

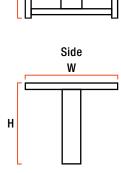
Table leg I Telescoping

- Plastic and aluminum slide components
- Steel construction for maximum strength
- Available with sliding and rotating table support



Telescoping leg with automatic uplift for easy height adjustment





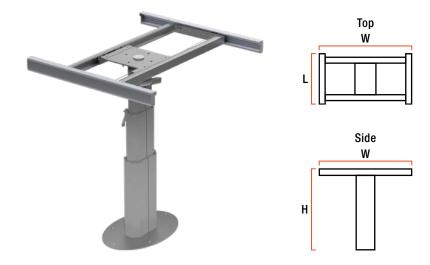
Top

Slide Directions	Rotates	<> H	₺w	t⊈ L	[™] Foot Size
4	Yes	340 mm to 720 mm	695 mm	560 mm	220 mm x 220 mm

GALAXY

Table leg | Telescoping

- Telescoping leg with automatic uplift for easy height adjustment
- Steel construction for maximum strength
- Available with sliding and rotating table support



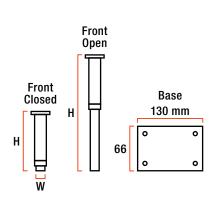
Slide Directions	Rotates	<> H	₺w	t⊈ L	└─ Foot Size
4	Yes	340 mm to 730 mm	695 mm	560 mm	340 mm x 240 mm

MISTRAL

Table leg I Telescoping

- Leg detaches from base for additional breakdown
- Plastic and aluminum components to be strong and lightweight
- Round tube profile





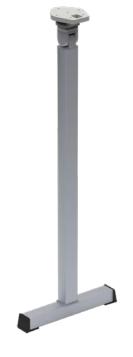
Foot Style	ĭ⊈H	ßw	[™] Foot Size
Simple	312 mm to 720 mm	45 mm	45 mm x 45 mm

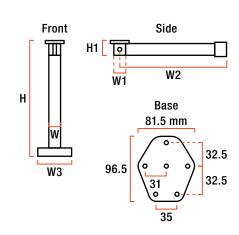
ASTRO

Table leg I Folding

Astro 2

- Folding design for compact storage
- Telescoping option available
- Extruded, anodized aluminum to be strong and lightweight
- Rectangular tube profile
- Plastic hinge and top plate
- Bottom foot for increased stability
- Customizable hinge position



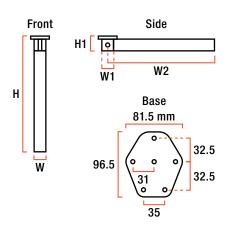


Foot Style	₺H	¼ H1	₺w	፟⊈ W1	፟⊈ W2	፟⊈ W3	└₄ Foot Size
Simple	720 mm	75 mm	40 mm	32 mm	660 mm	235 mm	235 mm x 41 mm
Telescoping	720 mm	75 mm	40 mm	32 mm	660 mm	235 mm	235 mm x 41 mm

Astro 3

- Folding design for compact storage
- Telescoping option available
- Extruded, anodized aluminum to be strong and lightweight
- Rectangular tube profile
- Plastic hinge and top plate
- Customizable hinge position





Foot Style	坯H	¼ H1	⅓w	¹⊈ W1	¹⊈ W2	坏 Foot Size
Simple foot	720 mm	75 mm	40 mm	32 mm	660 mm	49 mm x 41 mm
Telescoping	650 mm to 750 mm	75 mm	40 mm	32 mm	660 mm	49 mm x 41 mm



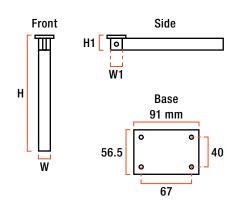
COMET

Table leg I Folding

Comet 1

- Folding design for compact storage
- Extruded, anodized aluminum to be strong and lightweight
- Oval tube profile
- Plastic hinge and top plate
- Hinge on the top of the plate

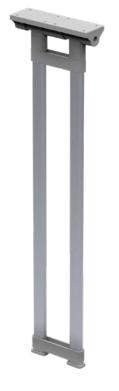


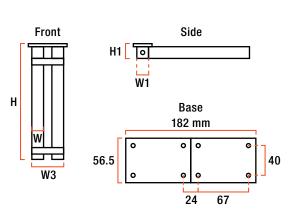


Foot Style	体H	¼ H1	坏w	¹⊈ W1	፟፟⊈ Foot Size
Simple	720 mm	37 mm	30 mm	15 mm	50 mm x 32 mm

Comet 2

- Top-fold design for compact storage
- Extruded, anodized aluminum to be strong and lightweight
- Oval tube profile
- Plastic hinge and top plate
- Hinge on the top of the plate
- Dual-leg configuration with bottom foot for enhanced stability



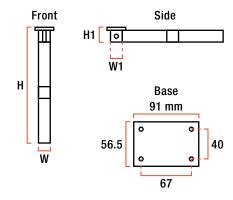


Foot Style	⅓H	¼ H1	ß₩	፟፟⊈ W1	¹⊈ W3	፟፟ 坏 Foot Size
Simple	720 mm	37 mm	30 mm	15 mm	137 mm	139 mm x 32 mm

Comet 3

- Folding design for compact storage
- Extruded, anodized aluminum to be strong and lightweight
- Oval tube profile
- Plastic hinge and top plate
- Hinge on the top of the plate
- Leg is not pre-cut
- Assembly required



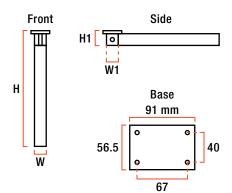


Foot Style	⅓H	፟⊈ H1	ኴw	፟፟ ⅍ W1	^t △ Foot Size
Simple	720 mm	37 mm	30 mm	15 mm	50 mm x 32 mm

Comet 4

- Folding design for compact storage
- Leg detaches from base for additional breakdown
- Extruded, anodized aluminum to be strong and lightweight
- Oval tube profile
- Plastic hinge and top plate
- Hinge on the top of the plate





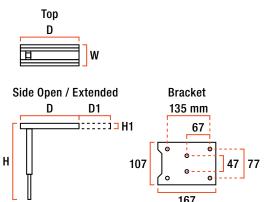
Foot Style	⅓H	፟⊈ H1	ધw	¹⊈ W1	└─ Foot Size
Simple	720 mm	37 mm	30 mm	15 mm	50 mm x 32 mm

FOLDNSTRETCH

NEW

Table leg I Folding

- Folding design for compact storage
- Extruded, anodized aluminum to be strong and lightweight
- Die-cast aluminum hinge and galvanized steel top plate
- Allows table to slide out as needed to fully optimize interior space
- Available with advanced control system to manage different positions
- Rectangular tube profile
- Table top not included













Position 2 - Leg out



Position 3 - Leg out, top extended

Foot Style	⅓H	¼ H1	₺p	፟ ¼ D1	₺w	└₄ Foot Size
Simple	550 to 930 mm	35 mm	587 mm	Up to 390 mm	157 mm	65 mm x 35 mm

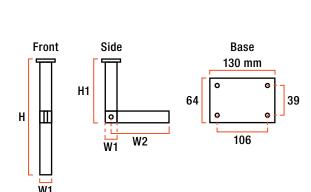
MAGNUM

Table leg | Folding

Magnum 1

- Folding design for compact storage
- Extruded, anodized aluminum to be strong and lightweight
- Fluted oval tube profile
- Die-cast aluminum hinge and top plate
- Customizable hinge position

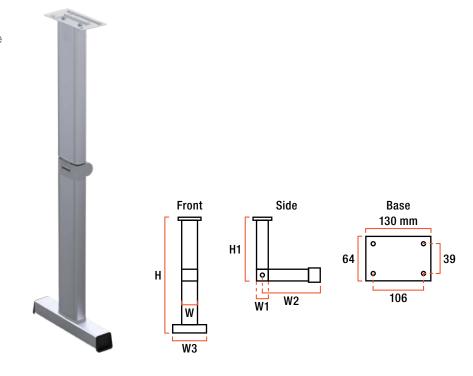




Foot Style	₽H	¹⊈ H1	t₄ w	¹⊈ W1	t₄ w2	└─ Foot Size
Simple	720 mm	380 mm	70 mm	33 mm	375 mm	75 mm x 38 mm

Magnum 3

- Folding design for compact storage
- Extruded, anodized aluminum to be strong and lightweight
- Fluted oval tube profile
- Die-cast aluminum hinge and top plate
- Bottom foot for increased stability
- Customizable hinge position



Foot Style	はH	4 H1	体w	፟፟⊈ W1	፟፟⊈ W2	፟፟⊈ W3	^t △ Foot Size
Simple	720 mm	380 mm	70 mm	33 mm	375 mm	235 mm	235 mm x 38 mm

MOON

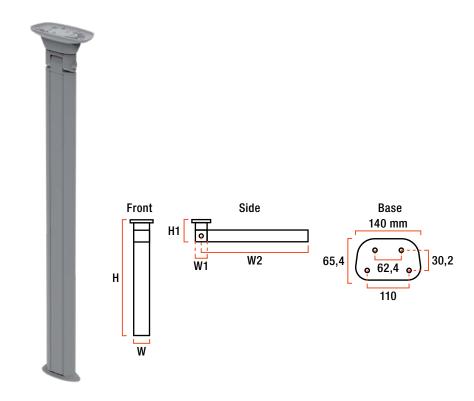
Table leg I Folding

Moon 1

- Folding design for compact storage
- Extruded, anodized aluminum to be strong and lightweight
- Oval tube profile with plastic insert
- Aluminum hinge and top plate
- Customizable hinge position



Oval tube profile with plastic insert for a stylish accent



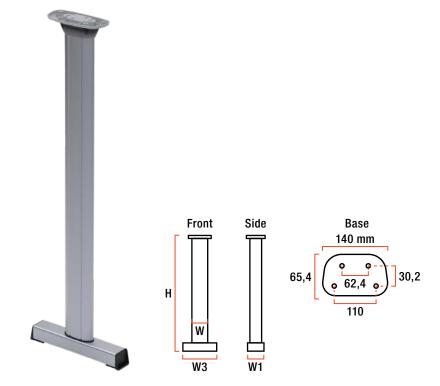
Foot Style	₽H	¹⊈ H1	₺w	¹⊈ W1	└≒ W2	፟⊈ Foot Size
Simple	750 mm	75 mm	72 mm	29 mm	690 mm	97 mm x 40 mm

Moon 2

- Non-folding design with bottom foot for increased stability
- Extruded, anodized aluminum to be strong and lightweight
- Oval tube profile with plastic insert



Oval tube profile with plastic insert for a stylish accent



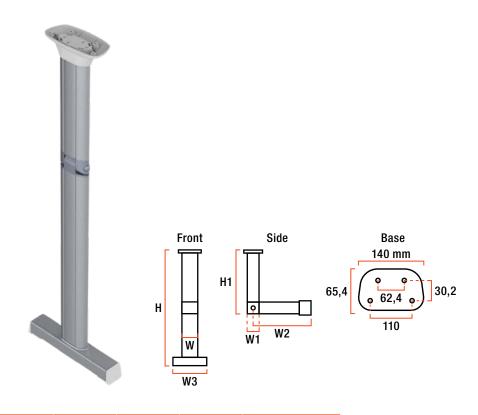
Foot Style	t∡H	₺w	¼ W1	¼ W3	[†] Foot Size
Simple	750 mm	72 mm	29 mm	235 mm	235 mm x 40 mm

Moon 3

- Extruded, anodized aluminum to be strong and lightweight
- Oval tube profile with plastic insert
- Aluminum hinge and top plate
- Bottom foot for increased stability
- Customizable hinge position



Center-fold design for compact, as-needed storage

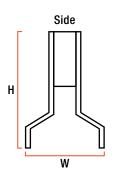


Foot Style	₽H	¼ H1	₩	¼ W1	¼ W2	¼ W3	└ Foot Size
Simple	750 mm	275 mm	72 mm	29 mm	490 mm	235 mm	235 mm x 40 mm

STABILIUS & STABILIUS EVO

Table leg I Folding

- Wide-stance design to support large tables
- Folding base for compact storage
- Painted steel construction for maximum strength
- Includes one pair of legs (table top not included)



Name	Includes	₩H	⊭w
Stabilius	Two legs	700 mm	450 mm
Stabilius Evo	Two legs	700 mm	455 mm

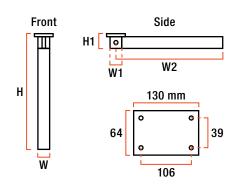


STAR

Table leg I Folding

Star 1

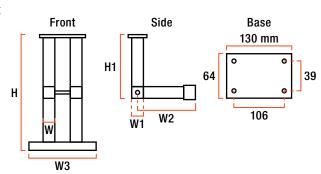
- Extruded, anodized aluminum leg to be strong and lightweight
- Rectangular tube profile
- Die-cast aluminum hinge and galvanized steel top plate for maximum strength
- Customizable hinge position



Foot Style	⅓H	¼ H1	なw	፟፟⊈ W1	፟⊈ W2	└─ Foot Size
Simple	720 mm	75 mm	60 mm	32 mm	665 mm	65 mm x 36 mm

Star 2

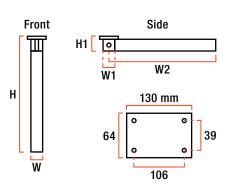
- Extruded, anodized aluminum leg to be strong and lightweight
- Rectangular tube profile
- Die-cast aluminum hinge and galvanized steel top plate for maximum strength
- Dual-leg configuration with bottom foot for enhanced stability
- Customizable hinge position



Foot Style	⅓H	¼ H1	ß₩	'⊈ W1	¼ W2	¹⊈ W3	└₄ Foot Size
Simple	720 mm	380 mm	60 mm	32 mm	355 mm	435 mm	435 mm x 36 mm

Star 3

- Extruded, anodized aluminum leg to be strong and lightweight
- Rectangular tube profile
- Die-cast aluminum hinge and galvanized steel top plate for maximum strength
- Customizable hinge position
- Adjustable foot to ensure level table surface

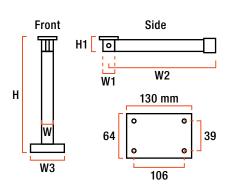


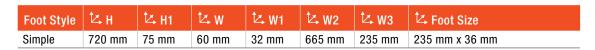
Foot Style	ĭ⊈H	¼ H1	₺w	¹⊈ W1	¹⊈ W2	└₄ Foot Size
Adjustable	720 mm	75 mm	60 mm	32 mm	665 mm	65 mm x 36 mm



Star 4

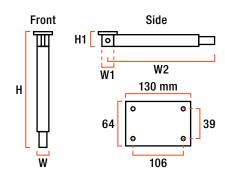
- Extruded, anodized aluminum leg to be strong and lightweight
- Rectangular tube profile
- Die-cast aluminum hinge and galvanized steel top plate for maximum strength
- Bottom foot for increased stability





Star 5

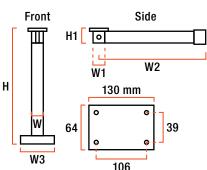
- Extruded, anodized aluminum leg to be strong and lightweight
- Rectangular tube profile
- Die-cast aluminum hinge and galvanized steel top plate for maximum strength
- Telescoping bottom leg to ensure level table surface
- Customizable hinge position



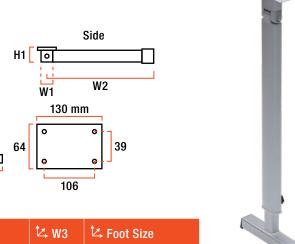
Foot Style	t₄ H	¹⊈ H1	₺w	¹⊈ W1	¼ W2	└ Foot Size
Telescopes	650 to 750 mm	75 mm	60 mm	32 mm	590 to 690 mm	49 mm x 41 mm

Star 8

- Extruded, anodized aluminum leg to be strong and lightweight
- Rectangular tube profile
- Die-cast aluminum hinge and galvanized steel top plate for maximum strength
- Telescoping bottom leg to ensure level table surface
- Customizable hinge position
- Bottom foot for increased stability



Foot Style	はH	1 ⊈ H1	₺w	¹⊈ W1	¼ W2	¹⊈ W3	[†] Graph Foot Size
Telescoping	650 to 750 mm	75 mm	60 mm	32 mm	600 to 700 mm	235 mm	235 x 36 mm

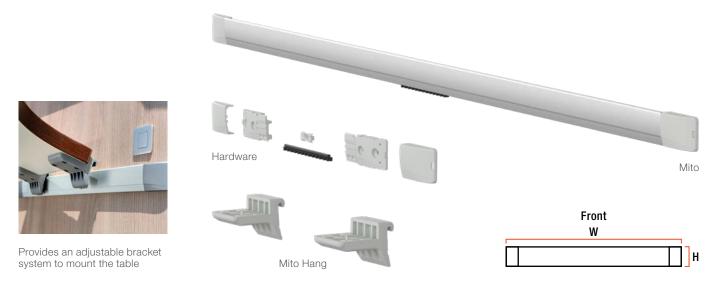




MITO

Table support I Sliding

- Provides an adjustable bracket system to mount the table (sold separately)
- Sliding brackets easily adjust to accept different table dimensions
- Plastic and anodized aluminum construction for smooth operation



Name	Description	™w	₺H
Mito	Table kit	300 mm to 1.100 mm	15 mm to 65 mm
Mito Hang	Table attachment brackets (not included in kit)		
	Replacement mounting hardware and covers		

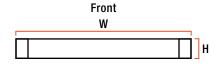
PIN

Table support I Sliding

- Provides a solid mount for attaching the table to the wall
- Sliding brackets easily adjust to accept different table dimensions
- Plastic and stainless steel construction for smooth operation



Name	Description	t₄ w	⊈H
Pin	Table kit	300 mm to 1.100 mm	75 mm
	Replacement mounting hardware		

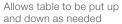


STILO

Table support I Sliding

- Provides an adjustable bracket system to mount the table (sold separately)
- Sliding brackets easily adjust to accept different table dimensions
- Plastic and anodized aluminum construction for smooth operation







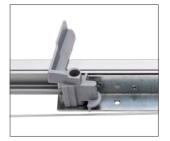
Name	Description	₺w	⅓H
Stilo	Table kit	300 mm to 1.100 mm	55 mm to 75 mm
Stilo Hang	Table attachment brackets (not included in kit)		
	Replacement mounting hardware		

SIMPLY

Table support I Sliding

- Allows table to slide as needed to fully optimize interior space
- Steel and aluminum construction to be strong and lightweight
- Table leg not included





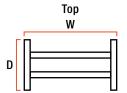
Easy-to-grip handle allows for quick and easy adjustment



Steel and aluminum materials are strong and lightweight



Slides in two directions to provide maximum adjustability



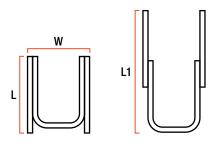
ᅜ Width Adjustment Range	└₄ Depth Adjustment Range
420 mm run	300 mm run



ASTRA

Table support I Extending

- Allows table to slide out as needed to fully optimize interior space
- Plastic and aluminum slide components for smooth operation



坛 w	₺L	4 11
560 mm	850 mm	1.380 mm







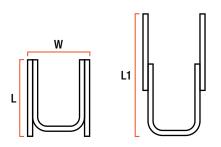


Smooth, sliding operation for delicate situations

FOCUS

Table support I Extending

- Allows table to slide out as needed to fully optimize interior space
- Plastic and aluminum slide components for smooth operation



™w	₺L	4 11
560 mm	870 mm	1.500 mm





Allows table to slide out as needed



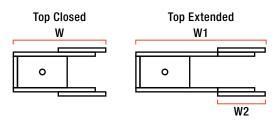
Smooth, sliding operation for delicate situations

TIRETTE

Table support I Extending

Tirette 1

- Fixed mechanisms are 260 mm apart
- Allows table to extend out as needed to fully optimize interior space
- Steel construction for maximum strength

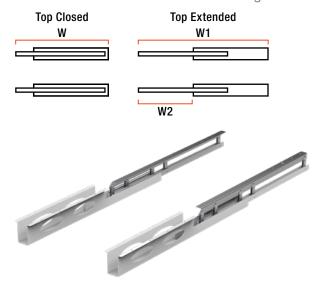




₩	¼ W1	¹⊈ W2
630 mm	980 mm	260 mm

Tirette 2

- Two separate mechanisms allow mounting for multiple table widths
- Allows table to extend out as needed to fully optimize interior space
- Steel construction for maximum strength

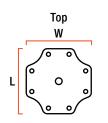


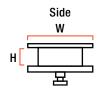
ኴw	፟⊈ W1	¹⊈ W2
630 mm	980 mm	260 mm

ROTO

Table support I Rotating

- Allows table to rotate on its leg
- Locking knob keeps table in a fixed position
- Compatible with all Lippert table legs (excluding Comet, Astro and Moon)
- Steel construction for maximum strength
- Available in single or double-leg configurations







Supports	なし	t₄ w	₩H
Single leg	140 mm	140 mm	15 mm to 32 mm
Double leg	140 mm	260 mm	30 mm





WATER TANKS

Water tank I Rotational molding

- NOTICE: If installation pipes and vents are not installed from the top of the water tank, capacity of the tank could be reduced by up to 6%
- Constructed from high-density polyethylene
- Compatible with a variety of caravans and motorcaravans
- Installation hardware not included
- Available in black and white (other colors available on request)



Capacity	t₄ H	はw	ts L
24 litres to 1.300 litres	200 mm to 1.600 mm	200 mm to 1.400 mm	120 mm to 800 mm

^{*} The actual capacity of the tank may reduce by up to 6%, while adhering to all installation guidelines (incorporating vents and pipelines) to ensure the correct filling of the tank

EXPANSION CAP

Water tank I Accessory

- Hinging lever expands rubber to plug tank
- Insertion of these components will reduce the actual capacity of the tank where it is inserted



Description	坛
Expansion cap	22 mm
Expansion cap extension	











EMPOWERING YOUR ADVENTURES

Experience seamless power management with our range of cutting-edge products. Our boosters, caravan power supplies, and electroblocks ensure efficient charging and reliable voltage for all your electrical devices. Advanced water tank level probes, solar regulators, and lighting control systems deliver precise power control, while our operation and display panels keep you informed. With specialized peripheral devices, Lippert addresses all your power needs for a comfortable journey.



Boosters

Intelligent charging with a boost

A device for boosting the current supplied by the vehicle (towing vehicle) to facilitate charging the living area battery while driving (supply voltage drop via the trailer socket can be very high). Device for boosting the voltage supplied by the vehicle (chassis) to facilitate charging the living area battery while driving (i.e. EURO6 alternators only supply 13V or less under certain operating conditions.



Caravan Power Supplies

All necessary power for caravan utilities

Devices generating a battery charging voltage in the caravan, alternatively supply voltage only without. Charging function (characteristic curve) distribution and protection of output circuits; overall supply switching via a main switch. They are suitable for caravans that do not have their own battery, but have electrical devices that are supposed to be operated solely via the campsite's mains power supply.



Electroblocks

Max performance and system availability

Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery). EBLs distribute and protect the output circuits. The overall supply switching is via two main switches, the living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown).



Water Tank Level Probes

Level up to optimal measurements

Probes to acquire levels in water tanks or wastewater tanks.



Chargers

Top rated, compact charging performance

Device for boosting the current supplied by the EBL (additional charger) or as a simple battery charger without voltage distribution.



Solar Regulators

Optimal conversion of solar rays

Device to facilitate connecting one or more solar panels. A charging voltage for one (living area) or two batteries (living area and starter) is available at the output. Charging voltage suitable for batteries, voltage, and current display can be connected.



Lighting Control Systems

Master light in the darkness

Lighting control systems for switching and dimming various light sources such as LEDs, RGB stripes, WW / CW stripes, and incandescent lamps.

One or more channels per device.



Operation & Display Panels

Discover an intuitive way of operating

Panels are designed to display vehicle data (tank levels, currents, operating states, status messages, temperatures, etc). Some panels allow operation of Lippert devices and systems and control / switching of third-party devices and systems.



Peripheral Devices

Ultimate caravan automation

Special devices developed by Lippert are available for various control or monitoring tasks.

These devices are customized to the specific requirements in close cooperation with the OEMs.

WA 1208 Booster | Caravan

- Increases the charging voltage in the caravan so the caravan battery can be charged when driving
- Cut-off from towing vehicle when ignition is switched off
- Voltage compensation of fluctuating alternator voltage
- Selectable IU charging curve for the living area battery (two)
- Status info via LED
- D+ evaluation



Position	Output Current	Max Input Current	Input Voltage	Output Voltage	Reverse Current Caravan Battery	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Caravan	8 A	9 A	9 to 14,5V DC	14,4V	< 0,5mA*	-20° < +45°	54 mm	95 mm	148 mm	250 gr

^{*} With ignition off or engine off



When using an energy-saving charging alternator (Euro 6), using a booster is required because the charging voltage fluctuates very strongly (12,6V to 15V). When using a conventional alternator, the living area battery charge can be improved by using a booster.

- Charges 12V lead-acid, lead-gel, AGM, and lithium batteries while driving, regardless of alternator voltage
- Selectable characteristic curves can be any combination of lead-acid, lead-gel, AGM I, AGM II, lithium (CCCV)
- Charging characteristic curve: IUoU (current-dependent switchover to trickle charge)
- Bypass switch to facilitate starter battery charging when the connected electroblock is in grid mode
- Adjustable / curve-controlled charging current limitation / power limitation
- Charging current temperature compensation
- Current is adjustable in four increments: 45 A, 55 A, 63 A and 70 A
- Overheating protection
- D+ controlled



Position	Output Current	Max Input Current	Input Voltage	Output Voltage	Reverse Current Caravan Battery		t∡ Height	坛 Width	t∡ Depth	Â
Motorcaravan	< 30 A	28 A	12 V for max output current	< 15 V (adjustable)	< 0,4mA*	-20° < +45°	54 mm	95 mm	148 mm	410 gr

^{*} With ignition off or engine off





WA 121545

Booster I Motorcaravan

When using an energy-saving charging alternator (Euro 6), using a booster is required because the charging voltage fluctuates very strongly (12,6V to 15V). When using a conventional alternator, the living area battery charge can be improved by using a booster.

- Charges 12V lead-acid, lead-gel, AGM, and lithium batteries while driving, regardless of alternator voltage
- Selectable characteristic curves can be any combination of lead-acid, lead-gel, AGM I, AGM II, lithium (CCCV)
- Charging characteristic curve: IUoU (current-dependent switchover to trickle charge)
- Bypass switch to facilitate starter battery charging when the connected electroblock is in grid mode
- Adjustable / curve-controlled charging current limitation / power limitation
- Charging current temperature compensation
- Current is adjustable in four increments:
 45 A, 55 A, 63 A and 70 A
- Overheating protection
- D+ controlled



Position	Output Current	Max Input Current	Input Voltage	Output Voltage	Reverse Current Caravan Battery	Operation Ambient Temp.	t∡ Height	坛 Width	t∡, Depth	â
Motorcaravan	< 70 A	65 A	12 V for max output current	< 15 V (adjustable)	< 0,4mA*	-20° < +45°	169 mm	72 mm	193 mm	1,150 gr

^{*} With ignition off or engine off

CSV 300 Caravan Power Supply

Power supply units supply 12V equipment such as immersion pumps, fans, lights and similar devices. They are most commonly used for caravans connected to a 230V network and power the utilities from the vehicle battery for a limited amount of time.

- For operation without battery
- Five separately fused 12V current circuits
- Installation space (mounting rail 35 mm, 4TE) for 230V basic distribution available
- Priority circuit for mains supply, otherwise supply of utilities from the car battery
- Low quiescent current consumption





Position	Input Voltage	Max Total Current	Output Voltage	Output Range	Operation Ambient Temp.	[†]	¼ Width	¹₄ Depth	<u> </u>
Caravan	230 V mains 12 V from tow vehicle	24 A	12V	15 A	-20° < +45°	84 mm	210 mm	227 mm	1.300 gr



CSV 400

Caravan Power Supply

Power supply units supply 12V equipment such as immersion pumps, fans, lights and similar devices. They are most commonly used for caravans connected to a 230V network and power the utilities from the vehicle battery for a limited amount of time.

▲ PRODUCT WEIGHT

- Output voltage 12,5V DC, output current 32 A
- Six separately fused 12V current circuits
- Priority circuit for mains supply, otherwise supply of utilities from the car battery
- Output voltage stabilized and screened
- Connection option for water tank monitoring control panel
- Connection option for refrigerator supply





Position	Input Voltage	Max Total Current	Output Voltage	Output Range	Operation Ambient Temp.	[†]	t₄ Width	t₄ Depth	<u> </u>
Caravan	230 V mains 12 V from tow vehicle	32 A	12V	2 A < 15 A	-20° < +45°	111 mm	320 mm	217 mm	1.700 gr





CSV 409

Caravan Power Supply I Battery charger

Intended for use in autarkic caravan, our battery charging module features complete 12V distribution, fuse protection of the 12V current circuits, as well as other control and monitoring functions.

- Battery charging through 230V supply with 28 A, characteristic curve IUoU
- Selectable characteristic curves are lead acid or lead gel
- 8 A charging booster for battery charging while driving
- Bistable mains latching relay (12V)
- Connection facility for solar controllers LR 1218 and LRM 1218
- Automatic switch-off of utilities when ignition is switched on
- Battery charging from grid or while driving
- Selectable characteristic curves are lead acid or lead gel
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- Also available with an analog panel



Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	â
Caravan	230 V mains 12 V from tow vehicle	28 A	28 A	12V	5 A < 15 A	-20° < +45°	111 mm	320 mm	217 mm	2.000 gr



Caravan Power Supply | Battery charger

- Battery charging through 230V supply with 28 A, characteristic curve IUoU
- Selectable characteristic curves are lead acid or lead gel
- 8 A charging booster for battery charging while driving
- Bistable mains latching relay (12V)
- Connection facility for solar controllers LR 1218 and LRM 1218
- Automatic switch-off of utilities when ignition is switched on
- Battery charging from grid or while driving
- Selectable characteristic curves are lead acid or lead gel
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- Also available with an analog panel



Position	Input Voltage	Max Total Current	5			Operation Ambient Temp.	t∡ Height	t∡, Width	t∡, Depth	Â
Caravan	230 V mains 12 V from tow vehicle	28 A	28 A	12V	5 A < 15 A	-20° < +45°	111 mm	320 mm	217 mm	2.000 gr



CSV 416A

Caravan Power Supply | Battery charger

- Battery charging from grid or while driving
- Connection facility for solar charge controller
- Bus connection via LIN (CI bus)
- IUoU, integrated charging output (via 2 switches lead acid and lead gel AGM and lithium)
- Internal battery booster to facilitate living area battery charging while driving
- Connections for multiple tank level probes
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- Analog, digital, and BUS panels also available
- Six outputs switchable via CI-BUS controller



Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Caravan	230 V mains 12 V from tow vehicle	28 A	28 A	12V	10 A < 15 A	-20° < +45°	111 mm	320 mm	217 mm	2.000 gr

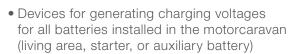






Electroblock I Motorcaravan

▲ PRODUCT WEIGHT



- EBLs distribute and protect the output circuits
- The overall supply switching is via two main switches (MOSFETS)
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for solar charge controller (up to 25 A charging current)
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- IUoU, integrated charging output with adjustable slide switch for lithium and AGM
- Low quiescent current consumption
- D+ signal evaluation







Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	À
Motorcaravan	230 V mains 12 V tow vehicle	18 A	18 A	12V	5 < 25 A	-20° < +45°	130 mm	275 mm	170 mm	2.000 gr

EBL 208 Electroblock | Motorcaravan

- Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery)
- Distribute and protect the output circuits
- The overall supply switching is via one main switch
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for solar charge controller (up to 25 A charging current)
- D+ signal evaluation
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low guiescent current consumption
- IUoU, integrated charging output with adjustable slide switch for lead gel, and lead acid
- Connection consumers via 6.3 amps



Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	Â
Motorcaravan	230 V mains	18 A	18 A	12V	5 < 25 A	-20° < +45°	130	275	170	2.000
	12 V tow vehicle						mm	mm	mm	gr



- Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery)
- Distribute and protect the output circuits
- The overall supply switching is via one main switch
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for solar charge controller (up to 25 A charging current)
- D+ signal evaluation
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low guiescent current consumption
- IUoU, integrated charging output with adjustable slide switch for lead gel, and AGM



Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	â
Motorcaravan	230 V mains 12 V tow vehicle	18 A	18 A	12V	5 < 25 A	-20° < +45°	130 mm	275 mm	170 mm	2.000 gr





Electroblock | Motorcaravan

- Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery)
- EBLs distribute and protect the output circuits
- The overall supply switching is via two main switches
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for booster
- Connection facility for solar charge controller (up to 25 A charging current)
- Networking of all chargers (EBL internal charger, auxiliary charger, solar charge controller) via special bus (SynCharge) for centralized control
- Bus connection via LIN (CI bus)
- D+ signal evaluation
- Connections for multiple tank level probes
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- Integrated overvoltage protection (OVP) is available

▲ PRODUCT WEIGHT

• IUoU, integrated charging output with adjustable slide switch for lithium, lead acid, and AGM





Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Motorcaravan	230 V mains 12 V tow vehicle	18 A	18 A	12V	5 < 25 A	-20° < +45°	130 mm	275 mm	170 mm	2.000 gr





EBL 31-2

Electroblock | Motorcaravan

- Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery)
- EBLs distribute and protect the output circuits
- The overall supply switching is via two main switches
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for auxiliary chargers (18 A)
- Connection facility for solar charge controller (up to 25 A charging current)
- D+ signal evaluation
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- Integrated overvoltage protection (OVP)
- IUoU, integrated charging output with adjustable slide switch for lead acid, and AGM
- Locks operating by a panel during driving



Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Motorcaravan	230 V mains 12 V tow vehicle	18 A	18 A	12V	5 < 25 A	-20° < +45°	130 mm	275 mm	170 mm	2.000 gr





Electroblock I Motorcaravan

- Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery)
- EBLs distribute and protect the output circuits
- The overall supply switching is via two main switches
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for auxiliary chargers (18 A)
- Connection facility for solar charge controller (up to 25 A charging current)
- Networking of all chargers (EBL internal charger, auxiliary charger, solar charge controller) via special bus (SynCharge) for centralized control
- Bus connection via LIN (CI bus)
- D+ signal evaluation
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- IUoU, integrated charging output (software controlled up to seven different characteristics)
- Connection of power lines and batteries via high current plugs





Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	â
Motorcaravan	230 V mains 12 V tow vehicle	20 A	20 A	12V	5 < 25 A	-20° < +45°	130 mm	275 mm	170 mm	2.000 gr





Electroblock | Motorcaravan

- Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery)
- EBLs distribute and protect the output circuits
- The overall supply switching is via two main switches
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for auxiliary chargers (18 A)
- Connection facility for solar charge controller (up to 20 A charging current)
- D+ signal evaluation
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- Optional integrated overvoltage protection
- IUoU, integrated charging output with adjustable slide switch for lead acid and AGM



Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡, Height	t∡ Width	t∡ Depth	â
Motorcaravan	230 V mains 12 V tow vehicle	18 A	18 A	12V	5 < 25 A	-20° < +45°	130 mm	275 mm	170 mm	2.000 gr





Electroblock | Motorcaravan

- Devices for generating charging voltages for all batteries installed in the motorcaravan (living area, starter, or auxiliary battery)
- EBLs distribute and protect the output circuits
- The overall supply switching is via two main switches
- The living area supply on / off switch and the vehicle supply on / off switch with complete isolation of all consumers from the batteries (shutdown)
- Connection facility for auxiliary chargers (18 A)
- Connection facility for solar charge controller (up to 20 A charging current)
- D+ signal evaluation
- Refrigerator supply (configurable) for absorber, compressor, or AES refrigerators
- Low quiescent current consumption
- Optional integrated overvoltage protection
- IUoU, integrated charging output with adjustable slide switch for lithium, and AGM



Position	Input Voltage	Max Total Current	Charging Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Motorcaravan	230 V mains 12 V tow vehicle	18 A	18 A	12V	5 < 25 A	-20° < +45°	130 mm	275 mm	170 mm	2.000 gr





- Continuous level detection with voltage (or current) output 0 to 2V proportional to the measured value (can be customized)
- Includes nut and seal



Position	Operation Ambient Temp.	└ Diameter	└₄ Length
Caravan / Motorcaravan	-20° < +45°	60 mm	Custom



- Four levels
- Includes nut and seal



Model #	Position	Operation Ambient Temperature	[†]	t₄ Length
M315	Caravan / Motorcaravan	-20° < +45°	60 mm	250 mm
M345	Caravan / Motorcaravan	-20° < +45°	60 mm	300 mm
M388	Caravan / Motorcaravan	-20° < +45°	60 mm	350 mm
M465	Caravan / Motorcaravan	-20° < +45°	60 mm	400 mm
M590	Caravan / Motorcaravan	-20° < +45°	60 mm	450 mm
M570-20	Caravan / Motorcaravan	-20° < +45°	60 mm	500 mm
M610	Caravan / Motorcaravan	-20° < +45°	60 mm	500 mm
M625	Caravan / Motorcaravan	-20° < +45°	60 mm	550 mm

LAS 1218-2 Charger I Caravan or motorcaravan

- Selectable characteristic curves are lead-acid or lead-gel
- Overheating and overcurrent protection
- Connectors of all ports can be defined by OEM
- WAGO plug 230V available





Position	Max Input Current	Input Voltage	Charging Current	Output Voltage	Operation Ambient Temp.	¹⊈ Height	¼ Width	¹⊈ Depth	<u> </u>
Caravan / Motorcaravan	1.9 A	230V	18 A	14.3V	-20° < +45°	90 mm	148 mm	248 mm	1.000 gr





- Selectable characteristic curves are AGM or lithium
- Overheating and overcurrent protection
- Connectors of all ports can be defined by OEM
- WAGO plug 230V available





Position	Max Input Current	Input Voltage	Charging Current	Output Voltage	Operation Ambient Temp.	t₄ Height	☑ Width	t₄ Depth	<u> </u>
Caravan / Motorcaravan	1.9 A	230V	18 A	14.3V	-20° < +45°	90 mm	148 mm	248 mm	1.000 gr

LRM 1218 Solar regulator I

Solar regulator | Caravan or motorcaravan

This clocked regulator ensures the connected solar modules are always properly functioning while the battery is in the mains charging phase, regardless of solar radiation, battery voltage, and module temperature.

- Easily adjust the charging voltage for the living area battery through the setting options and optional temperature sensor
- Supports up to 20 A for living area batteries and 2.5 A for starter batteries
- Works with 12V lead-acid, AGM, or lead-gel batteries
- Charging range is 13.2V to 14.9V and is temperature controlled
- SDTBUS capable





Position	Output Current	Supply Voltage	Max Input Power	Output Voltage	Operation Ambient Temp.	[†]	☑ Width	t₄ Depth	<u> </u>
Caravan / Motorcaravan	18 A	12V	275 Wp	14.4 / 14.7V	-20° < +45°	54 mm	95 mm	148 mm	410 gr



LR 1218

Solar regulator I Caravan or motorcaravan

This regulator limits and regulates the charging voltage from the solar modules. It ensures up to two batteries are partially charged.

- Built-in isolation diode prevents discharge if the charging voltage is insufficient, in the dark for example
- Suitable for six-cell 12V lead acid or lead-gel batteries
- End-of-charge voltage for both batteries 14,2V, characteristic curve: IU
- Longitude controller
- Battery connection via AMP 6.3 flat connectors



Position	Output Current	Supply Voltage	Max Input Power	Output Voltage	Operation Ambient Temp.	[†] Height	₩ Width	t₄ Depth	Å
Caravan / Motorcaravan	18 A	12V	275 Wp	14.2V	-20° < +45°	61 mm	75 mm	110 mm	116 gr



- One light channel per device
- Over-current shutdown (electronic)
- Over-temperature shutdown
- Short circuit protection



Position	Output Current	Supply Voltage	Max Input Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Caravan / Motorcaravan	10 A	12V	10 A	12V	10 < 100 PWM	-20° < +45°	23 mm	68 mm	57 mm	40 gr



- Two light channels per device
- Over-current shutdown (electronic)
- Over-temperature shutdown
- Short circuit protection



Position	Output Current	Supply Voltage	Max Input Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡, Height	t∡ Width	t∡, Depth	<u> </u>
Caravan / Motorcaravan	2 x 6 A	12V	12 A	12V	10 < 100 PWM	-20° < +45°	23 mm	68 mm	57 mm	40 gr



- Four light channels per device
- Bus connection via LIN (CI bus)
- Panels, keys, digital panels
- Over-current shutdown (electronic)
- Over-temperature shutdown
- Short circuit protection



Position	Output Current	Supply Voltage	Max Input Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Caravan / Motorcaravan	4 x up to 5 A	12V	14 A	12V	10 < 100 PWM	-20° < +45°	50 mm	85 mm	100 mm	75 gr

▲ PRODUCT WEIGHT





- 12 light channels per device
- Bus connection via LIN (CI bus)
- Panels, keys, panels with analog bus (resistor matrix)
- Over-current shutdown (electronic)
- Over-temperature shutdown
- DIP switch programmable dimming lock
- D+ lock, always switchable with DIP switch
- Short circuit protection





Position	Output Current	Supply Voltage	Max Input Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡, Width	t∡, Depth	<u>^</u>
Caravan / Motorcaravan	12 x up to 13.5 A	12V	27 A	12V	10 < 100 PWM	-20° < +45°	54 mm	95 mm	148 mm	410 gr



- Four light channels per device
- Panels, keys, digital panels
- Over-current shutdown (electronic)
- Over-temperature shutdown
- Short circuit protection



NEW

Position	Output Current	Supply Voltage	Max Input Current	Output Voltage	Output Range	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	<u> </u>
Caravan / Motorcaravan	4 x up to 5 A	12V	14 A	12V	10 < 100 PWM	-20° < +45°	50 mm	85 mm	100 mm	75 gr

LT 100 Operation and display panel

- Voltage LED display in four levels for the living area battery
- Optical battery alarm triggering in case of significant battery voltage drops
- Tank level gauge in four stages for domestic use water tanks
- 12V mains switch with switch-on control unit
- 230V network control unit
- LED control panel (LT 100), water tank level probe (M 400), all cables and instructions



Position	Supply Voltage	Operation Ambient Temperature	¹₄ Height	[†]	¹₄ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	25 mm	92 mm	150 mm	75 gr



- Displays the solar charging current for the living area or starter battery
- Compatible with the following Lippert solar regulators: LRM 1218, LR 1218



Position	Supply Voltage	Operation Ambient Temperature	¼ Height	¼ Width	¹⊈ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	35 mm	110 mm	110 mm	75 gr



• Indication of one level from water tank probe



Position	Supply Voltage	Operation Ambient Temperature	¼ Height	¹₄ Width	¹⊈ Depth	À
Caravan / Motorcaravan	12V	-10° < +50°	35 mm	100 mm	205 mm	80 gr

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C LT 450 Operation and display panel

- Indication and operation options: sensor panel
- Analog indication via LED bars (rectangular, round, almost any scale design possible)
- Light switching control
- Direct water pump and direct consumer switching
- Grid voltage present display (shore power)
- Parallel cabling on EBL
- Back-printed acrylic front panel
- Clip fasteners



Position	Supply Voltage	Operation Ambient Temperature	¹₄ Height	[†]	¹⊈ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	25 mm	112 mm	118 mm	100 gr



LT 453

Operation and display panel

- Indication and operation options: sensor panel
- Analog indication via LED bars (rectangular, round, almost any scale design possible)
- Direct water pump and direct consumer switching
- Grid voltage present display (shore power)
- Parallel cabling on EBL
- Back-printed acrylic front panel
- Clip fasteners

(£) •	13.5 V 100 %
	13,0 V
LT 453	12,7 V 75 %
CLIPPERT	12.5 V
BEPPERT	12.2 V 50 %
● .	12.0 V
_	11,5 V 25 %
(b) •	11,0 V

Position	Supply Voltage	Operation Ambient Temperature	¼ Height	t₄ Width	፟፟⊈ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	25 mm	112 mm	118 mm	100 gr



LT 50

Operation and display panel

- Indication and operation options operated by rotary pushbutton
- Back-printed acrylic front panel clip fasteners
- Analog indication via LED bars (round)
- Direct water pump switching
- Grid voltage present display (shore power)
- Parallel cabling on EBL
- Clip fasteners



Position	Supply Voltage	Operation Ambient Temperature	[†] ₄ Height	¼ Width	t₄ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	45 mm	120 mm	120 mm	150 gr

LT 521 Operation and display panel

- Indication and operation options: operated by rotary pushbutton
- Analog indication via LED display
- Direct water pump and direct consumer switching
- Grid voltage present display (shore power)
- Status message display
- Parallel cabling on EBL
- Back-printed acrylic front panel
- Display panels with frame and concealed fasteners
- Screw fasteners



Position	Supply Voltage	Operation Ambient Temperature	¹₄ Height	¼ Width	፟ ¼ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	55 mm	123 mm	241 mm	210 gr



- Operation via mechanical on / off push buttons
- Direct water pump and direct consumer switching
- Grid voltage present display (shore power)
- Parallel cabling on EBL
- Back-printed acrylic front panel
- Screw or clip fasteners

	© 13,5 © 13,0 12,7	75	
-		% 50	
	12,0 0 11,5 0 11,0	20 /	0

Position	Supply Voltage	Operation Ambient Temperature	¹⊈ Height	¼ Width	t₄ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	55 mm	115 mm	150 mm	120 gr



- Operation via mechanical on / off push buttons
- Grid voltage present display (shore power)
- Parallel cabling on EBL
- Back-printed acrylic front panel
- Screw or clip fasteners



Position	Supply Voltage	Operation Ambient Temperature	[†] ☐ Height	¼ Width	¹₄ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	55 mm	115 mm	150 mm	120 gr

DT 720 Operation and display panel



- Indication via 4.3" color display operated by rotary push button
- Customized display pages include, but are not limited to: living area, starter battery voltage, charging current and water / wastewater tank levels
- Control of external devices (panels with display only), e.g. heating, air conditioning, lighting systems (controllable dimming and color)
- Direct water pump and direct consumer switching
- Grid voltage present display (shore power)
- Status message display
- Fault code display (bus systems only)
- Parameter setting (e.g. battery curve (bus systems only)
- Bus connection via LIN (CI bus)
- 12V DC power supply
- Display panels with frame and concealed fasteners
- Screw fasteners



Position	Supply Voltage	Operation Ambient Temperature	¼ Height	¼ Width	¹⊈ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	30 mm	82 mm	177 mm	110 gr



DT 740

Operation and display panel

- Indication and operation via 7" touch screen
- Customized display pages include, but are not limited to: living area, starter battery voltage, charging current and water / wastewater tank levels
- Control of external devices (panels with display only), e.g. heating, air conditioning, lighting systems (controllable dimming and color)
- Direct water pump and direct consumer switching
- Grid voltage present display (shore power)
- Status message display
- Fault code display (bus systems only)
- Parameter setting (e.g. battery curve (bus systems only)
- Bus connection via LIN (CI bus)
- 12V DC power supply
- Display panels with frame and concealed fasteners
- Screw fasteners

Start Monitoring Ligh	t Control AUX Heating	
Ę	0%	
	NLIPPERT	

Position	Supply Voltage	Operation Ambient Temperature	¼ Height	¼ Width	፟ ¼ Depth	<u> </u>
Caravan / Motorcaravan	12V	-10° < +50°	22 mm	116 mm	185 mm	120 gr

AD 01 Peripheral device

- Adaption for additional consumer controlled via Kl.15
- Adaption for additional consumer controlled via KI.30
- Connection for additional side marker lights
- Controlling of positioning / running lights
- Created for Fiat Ducato (D+ active ground)



Position	Supply Voltage	Max Input Current	Input Voltage	Operation Ambient Temp.	[†]	₩ Width	፟ ⊈ Depth	À
Motorcaravan	12V	Max 45 A	12V	-20° < +70°	43 mm	184 mm	73 mm	250 gr



- Adaption for additional consumer controlled via KI.15
- Adaption for additional consumer controlled via KI.30
- Connection for additional side marker lights
- Controlling of positioning / running lights
- Created for Mercedes-Benz Sprinter



Position	Supply Voltage	Max Input Current	Input Voltage	Operation Ambient Temp.	t₄ Height	t₄ Width	t₄ Depth	À
Motorcaravan	12V	Max 45 A	12V	-20° < +70°	43 mm	184 mm	73 mm	250 gr



- Adaption for additional consumer controlled via Kl.15
- Adaption for additional consumer controlled via KI.30
- Connection for additional side marker lights
- Controlling of positioning / running lights
- D+ adjustable



Position	Supply Voltage	Max Input Current	Input Voltage	Operation Ambient Temp.	[†]	☑ Width	t₄ Depth	À
Motorcaravan	12V	Max 45 A	12V	-20° < +70°	43 mm	184 mm	73 mm	250 gr



- LIN adapter for the connection of conventional EBLs to BUS system with LIN interfaces
- Connection for tank probes
- Connection for emergency switch on / off
- Connection for push button pump override
- Connection between the EBL and panel



Position	Supply Voltage	Operation Ambient Temperature	^t ₄ Height	™ Width	t₄ Depth	<u> </u>
Motorcaravan	12V	-20° < +45°	50 mm	89 mm	100 mm	75 gr



- LIN adapter for the connection of conventional EBLs to BUS system with LIN interfaces
- EisEx interface
- Connection for tank probes



Position	Supply Voltage	Operation Ambient Temperature	[†] Height	[†] Width	t₄ Depth	<u> </u>
Motorcaravan	12V	-20° < +45°	50 mm	89 mm	100 mm	75 gr



- Uart adapter for the connection to ZENEC infotainment system
- Connection for tank probes
- Connection between the EBL and panel



Position	Supply Voltage	Operation Ambient Temperature	t₄ Height	[†] ₄ Width	[†] ₄ Depth	Â
Motorcaravan	12V	-20° < +45°	50 mm	89 mm	100 mm	75 ar

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- Controller for several motors in different applications (slide-out, awning, etc.)
- Push button input
- Current monitoring
- Time monitoring



Position	Output Current	Supply Voltage	Max Input Current	Input Voltage	Operation Ambient Temp.	t₄ Height	☑ Width	t₄ Depth	<u> </u>
Motorcaravan	Max 10 A	12V	Max 10 A	10V to 15V	-20° < +70°	96 mm	130 mm	40 mm	155 gr



- Optimized for use with steps
- Push button input
- Current monitoring
- Time monitoring
- Limit switch monitoring



Position	Output Current	Supply Voltage	Max Input Current	Input Voltage	Operation Ambient Temp.	¹⊈ Height	¼ Width	t₄ Depth	<u> </u>
Motorcaravan	Max 10 A	12V	Max 10 A	10V to 15V	-20° < +70°	96 mm	130 mm	40 mm	155 gr



• Multi-controller for electric motors (i.e. bed lifting systems or similar)



Position	Output Current	Supply Voltage	Max Input Current	Input Voltage	Operation Ambient Temp.	t₄ Height	☑ Width	t₄ Depth	<u> </u>
Motorcaravan	Max 10 A	12V	Max 10 A	10V to 14.5V	-20° < +70°	96 mm	130 mm	40 mm	155 gr



• Creates D+ signal depending on the start battery voltage



Position	Supply Voltage	Input Voltage	Operation Ambient Temperature	¹₄ Height	t₄ Width	t₄ Depth	<u> </u>
Motorcaravan	12V	10.5V to 15V	-10° < +45°	44 mm	95 mm	64 mm	105 gr



• Creates D+ signal depending on the start battery voltage



Position	Supply Voltage	Input Voltage	Operation Ambient Temperature	¹⊈ Height	₩ Width	t₄ Depth	<u> </u>
Motorcaravan	12V	10.5V to 15V	-10° < +45°	24 mm	68 mm	45 mm	40 gr



 Creates D+ signal depending on the speed signal (W) of the alternator



Position	Input Voltage	Operation Ambient Temperature	t₄ Height	└≒ Width	t₄ Depth	<u> </u>
Motorcaravan	10.5V to 15V	-20° < +45°	24 mm	68 mm	45 mm	40 gr



• Creates D+ signal depending on the speed signal (W) of the alternator



Position	Input Voltage	Operation Ambient Temperature	¼ Height	☑ Width	፟ ⊈ Depth	<u> </u>
Motorcaravan	10.5V to 15V	-20° < +45°	24 mm	68 mm	45 mm	40 gr

HSM 01 Peripheral device

- Significantly increases the available power for features such as light controls with dimming function, fixed inverters, video, and audio systems with high-quality displays, as well as kitchen appliances, such as microwaves, ovens, and dishwashers
- Connecting and using inverters in motorcaravans in particular is increasingly presenting major challenges with regard to the capacity and ability to charge the connected batteries
- Screw terminals with M8 stud bolts to be connected to the batteries and to an inverter and / or external charger
- Electric circuits with separate fuse protection to supply other consumers; these circuits are also controlled via the main switch on the operating and control panel
- Special electro block systems without an internal charging amplifier are available for the 12V distribution
- Allows extremely powerful third party supplier chargers to be connected and integrated into the motorhome's 12V system



Position	Output Current	Supply Voltage	Max Input Current	Input Voltage	Output Voltage	Operation Ambient Temp.	t∡ Height	t∡ Width	t∡ Depth	â
Motorcaravan	< 250 / 300 A	12V	< 250 / 300 A	10V to 15V	14,4V	-20° < +45°	35 mm	100 mm	89 mm	230 gr



- Used to protect all devices on board a vehicle operated using 230V AC from overvoltage
- If overvoltage or undervoltage occurs, (Ueff: <175V AC, >265V AC), cut-off occurs within 10 milliseconds
- The devices remain switched off until the mains voltage is normal
- Simply connected downstream of the motorhome's power plug (CEE)
- All devices supplied with mains voltage are protected



Position	Output Current	Max Input Current	Input Voltage	Output Voltage	Operation Ambient Temp.	[†]	¼ Width	t₄ Depth	<u> </u>
Caravan / Motorcaravan	8.5 A	8.5 A	230V AC	230V AC	-20° < +45°	47 mm	130 mm	90 mm	200 gr





- Relay control box for pump switching
- Eight-pin Lumberg connects to panel and EBL
- Two-pin MNL supply input
- Two-pin MNL pump output



Position	Output Current	Supply Voltage	Input Voltage	Output Voltage	Operation Ambient Temp.	t₄ Height	¼ Width	t₄ Depth	À
Caravan / Motorcaravan	7.5 A	12V	10.5V to 15V	7.5 A	-20° < +70°	35 mm	100 mm	89 mm	95 gr



• Central control unit for locking doors and flaps



Position	Output Current	Supply Voltage	Max Input Current	Input Voltage	Operation Ambient Temp.	¹⊈ Height	¼ Width	t₄ Depth	<u> </u>
Motorcaravan	Max 35 A	12V	Max 35 A	12V	-20° < +70°	35 mm	70 mm	105 mm	85 gr







PANEL CONNECTORS

- Replaces broken connectors on furniture
- Ideal for connecting furniture panels, cabinets and beds
- Use with furniture cam bolts (not included)
- Covers provide a finished look
- Constructed with durable beige-brown plastic
- Other colors available upon request

Name	₺₽	体H
FIX1PIN	26 mm	8 mm
FIX1PIN Cover	32,5 mm	
FIX2PIN	26 mm	8 mm
FIX2PIN Cover	32,5 mm	



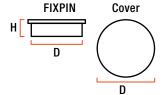


FIX1PIN

FIX1PIN Cover

FIX2PIN

FIX2PIN Cover



FURNITURE FITTING

- Plastic angle is ideal for stabilizing and connecting furniture components
- No-hassle installation and adjustment
- Double screw holes for secure screw-on application
- Constructed with durable beige-brown plastic

Name	[†]	¼ Width	t₄ Depth
Fitting for furniture	20 mm	42 mm	20 mm







LIPPERT EMEA

Our journey

In 2016, Lippert began to focus its attention and resources in the European Caravanning Market acquiring some of the most successful companies in the industry. Headquartered in Tuscany, Italy, Lippert's manufacturing capabilities include entry door manufacturing and lamination, bed lifts, pop-up roofs for camper vans, slide-outs, table legs, TV brackets, bike carriers, entry steps, blinds, and flyscreens. In 2019, Lippert acquired the Italian Femto brand, which specializes in engineering parts, product design, prototype construction, and production equipment for a variety of industries. Lippert also expanded into The Netherlands by acquiring the Dutch Polyplastic group of entities, which specialize in producing window system solutions for the Caravanning and Equestrian industries and cooling door system solutions for the Retail industry. Most recently, Lippert acquired the German brand Schaudt, a manufacturer of power management, battery chargers, and electronic control systems. In 2023, Schaudt rebranded to Lippert.

As Lippert expanded into the European Caravanning Market, several strategic acquisitions were made in the Global Rail Industry, creating the Lippert Rail Division, manufacturing glass windows and interior furniture for trains. In the Rail Sector, Lippert's continued focus is on highly engineered products and extensive research of innovative solutions, offering these products to vehicle owners, operators, manufacturers and refurbishers, industry subcontractors, authorities, and organizations.

Lippert also made a substantial investment in the Global Marine Market with the acquisition of the Lewmar Limited group of entities, an industry leader in hardware, winches, hydraulics, windlasses, anchors, thrusters, steering systems, hatches, and portlights that suits every vessel from the smallest day fisher to largest mega-yacht.

Lippert acquisitions in EMEA











2016 (caravanning)

2017 (rail) 2017 (caravanning)

2017 (caravanning)

2018 (caravanning)











2018 (marine) 2018 (marine) 2019 (caravanning)

2019 (engineering parts) 2019 (rail)

LEWMAR









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