

HYDRAULIC STEADY LEGS



THE RIGHT SUPPORT SYSTEM FOR EVERY VEHICLE

AL-KO and E&P Hydraulics offer a comprehensive range of hydraulic levelling systems.

Whether you have a motorhome, caravan or van, we have the right solution for almost every vehicle model. Thanks to our wide range of products, we can cover a wide variety of requirements and vehicle types:

- I AL-KO **HY4** for almost any medium-sized motorhome, quick and easy to install
- Level M Pro the premium system for motorhomes
- 1 Level M Pro 4x4 specially designed for Mercedes-Benz vans with all-wheel drive
- I Level**M** − the support system itself for even the heaviest motorhomes
- Level C the hydraulic solution for caravans
- Level**Van** tailor-made for vans

With **decades of experience** in vehicle technology and state-of-the-art hydraulics and control systems, we can equip almost any leisure vehicle to deliver reliable comfort. Our systems stand for maximum stability, optimum safety and perfect comfort — at the touch of a button.

Unique in the industry: We are the only manufacturer of hydraulic levelling systems to have a **clearance certificate** from Volkswagen Commercial Vehicles and MAN, as well as a **certificate of compatibility** from Mercedes-Benz. These official approvals from vehicle manufacturers confirm the safe and technically flawless integration of our systems into their vehicles — for maximum safety and full retention of the manufacturer's warranty.

Rely on **proven quality, innovative technology** and **tailor-made solutions** — for a stable stance wherever you go.



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WOULD YOU LIKE TO LEARN MORE

ABOUT OUR HYDRAULIC STEADY LEGS?

Here you will find an overview of lots more information material such as websites and videos.

Websites Here you will find lots more information and links to our videos.

Product videos The products are presented here clearly and concisely.

Explanation videos In this format, the product manager explains the product comprehensively and in detail.

AL-KO HY4







Website

Product video











Product video



E&P LEVEL**M**







Website

Product video

E&P LEVEL**C**







Website

Product video

E&P Level**Van**







Website

Product video



OVERVIEW

HYDRAULIC STEADY LEG SYSTEMS

	AL-KO HY4	E&P LevelM Pro
System	Decentralised system, separate control unit (one power pack per support)	Central system (one central power pack)
Levelling accuracy	+++	+++
Motor	Four motors and four pumps	Two pumps and two brushless motors
Weight	++ (above 68 kg)	+++ (above 56 kg)
Operation	Remote control, optional app control	Touchpad
Assembly	Under the chassis	Under the chassis in assembly box / in the interior
Programming of positions	3 (levelling, sleeping position, tank emptying)	3 (levelling, sleeping position, tank emptying)
Weighing function	optional	optional
Vehicle variants	For motorhomes up to 6 tonnes permitted gross weight Fiat Ducato / Peugeot Jumper / Citroën Boxer / Mercedes-Benz Springer / VW Crafter / MAN TGE	For motorhomes up to 7 tonnes perm. gross weight Fiat Ducato / Peugeot Jumper / Citroën Boxer / Mercedes-Benz Springer / Ford Transit / Iveco Daily
Software updates	Workshop	End customer
Compatibility / clearance certificate	Mercedes-Benz and Volkswagen	Mercedes-Benz



E&P LevelM	E&P LevelC	E&P LevelVan
	F.1	
Central system (one central power pack)	Central system (one central power pack)	Central system (one central power pack)
++	+++	++
One motor and one pump	One motor and one pump	One motor and one pump
++ (60-80 kg)	+++ (20 kg additional weight for crank supports)	+++ (above 49 kg)
permanently installed control panel, optional touchpad	permanently installed control panel, optional touchpad	permanently installed control panel
Under the chassis in assembly box / in the interior	Under the vehicle in assembly box	Under the chassis in assembly box / in the interior
2 positions (levelling, tank emptying)	-	2 positions (levelling, tank emptying)
No	No	No
For motorhomes from 3.5 to 22 tonnes perm. gross weight	For single and tandem-axle caravans up to 3.5 tonnes gross weight	Fiat / Peugeot / Citroën X250/X290 auf Ducato-/ Jumper-/ Boxer-basis vans
Workshop	Workshop	Workshop
Mercedes-Benz and Volkswagen commercial vehicles		



FOUR SUPPORTS. FOUR PUMP UNITS. FOUR TIM

AL-KO HY4

The hydraulic support system available with app control and optional weighing function.



ES THE COMFORT.





AL-KO HY4

FOUR TIMES THE COMFORT FOR YOUR MOTORHOME

Four supports. One system No compromises.

HY4, the innovative hydraulic support system from AL-KO, brings a new level of comfort to camping and travel. Four supports. Four independent pump units. Incomparable precision. No matter where you are, HY4 levels your motorhome to the desired position in seconds, smoothly and with millimetre precision. No more inclined angles, no more unsteady ground under your feet. HY4 parks your vehicle in the ideal position — whether on asphalt, gravel or grass. Best of all, it can be operated conveniently at the touch of a button.

Inclined angles are a thing of the past. **Comfort is the new standard.**

PRECISE AND SMOOTH **LEVELLING**

No more inclined angles, no more unsteady ground under your feet: The HY4 lets you level your motor-home to the desired position quickly and easily.



INDIVIDUALITY MEETS MAXIMUM COMFORT

- I Three programmable positions (automatic levelling, tank emptying and sleeping position)
- I Manual mode for individual control of the supports
- I Convenient operation at the touch of a button



DECENTRALISED SYSTEM CLEAN & SPACE-SAVING

Unlike other support systems, each of the four supports on the HY4 has its own pump unit. This enables optimal weight distribution. All components are installed under the vehicle, so there is no loss of storage space in the vehicle interior.



- I Optimal weight distribution
- I Steady and secure positioning at the touch of a button
- I Fully hydraulic
- I Durable and robust
- I With clearance certificate from VW and MAN and compatibility certificate from Mercedes-Benz
- I Also available as a version with two supports



OPTIONAL APP CONTROL **AND WEIGHING FUNCTION**

The weighing function is controlled via an app. It determines your vehicle's axle and gross weight with a max. deviation of 3%, which can prevent your vehicle from being overloaded.

THE **REVOLUTION** FROM E&P

LevelM Pro

The new hydraulic support system for motorhomes







LevelM Pro

CONTEMPORARY COMFORT AT THE TOUCH OF A BUTTON

THE NEXT-GENERATION HYDRAULIC SUPPORT SYSTEM

The LevelM Pro system sets the motorhome in a horizontal position intelligently and fully automatically, and is significantly lighter than comparable systems thanks to its sophisticated mix of materials. The intelligent electronic controls from E&P are mounted centrally, outside the vehicle, in a robust box that protects them from various weather conditions and environmental influences.

Discover the reliable technology from the E&P levelling experts now!



OPTIONAL **WEIGHING FUNCTION**

This determines your vehicle's axle weight and gross weight with a max. deviation of 4%, which can prevent your vehicle from being overloaded.

MAXIMUM COMFORT & FLEXIBILITY

In addition to the automatic levelling, two further positions, such as a tank-emptying position and a sleeping position, can be saved and automatically controlled using the intuitive touch panel.

ALWAYS **UP TO DATE**

Software updates and additional product features can be installed easily online without needing to visit a workshop.

ULTRA-LIGHT **TOTAL WEIGHT**

- I Weight from 56 kg, thanks to the clever material mix of aluminium and steel
- I LevelM Pro offers the ideal combination of light weight and maximum stability
- I This enables more payload

PRECISE, SMOOTH & QUIET LEVELLING

- I Optimum levelling accuracy and precision thanks to two independent pumps and brushless motors
- I Torsion-free, even levelling minimises the load on the chassis
- I Quality and reliability from the levelling experts





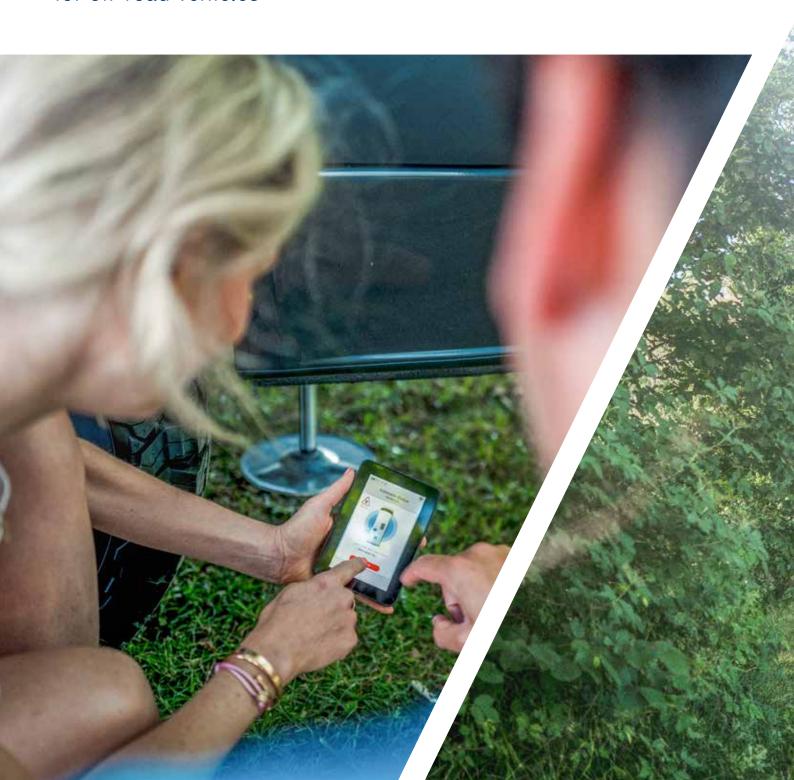
ADVANTAGES LevelM Pro

- I Horizontal in a few minutes
- I Steady and secure positioning
- I Fully hydraulic
- I Very low noise level
 - Minimal load on the chassis

NO TERRAIN IS OFF LIMITS. TOP OF THE RANGE (

LevelM Pro 4x4

The new hydraulic support system Level**M Pro 4x4** for off-road vehicles



COMFORT.







Website



Product video

LevelM Pro 4x4

THE COMFORT YOU'RE USED TO, WITH FREEDOM LIKE NEVER BEFORE.

Adventures begin where roads end – comfort continues. No matter where you go.

With the Level**M Pro 4x4** levelling support system, any terrain becomes a safe pitch to park on. Designed for demanding off-road adventures, the system automatically levels your vehicle — even on uneven and loose surfaces. The special feature: Extra-long cylinders that provide maximum ground clearance without compromising on comfort. This allows you to enjoy a level and stable stance anywhere — even off-road.

Experience comfort where you'd least expect it. Experience the LevelM Pro 4x4.



A SECURE STANCE ON ANY SURFACE

Even on the most challenging off-road terrain, where uneven ground and inclines are part of everyday life.

NO COMPROMISES **MAXIMUM COMFORT**

- I Enjoy all the advantages of the LevelM Pro
- I Fully automatic levelling at the touch of a button
- I Optimum levelling accuracy and precision
- I Three individual positions can be saved

MADE FOR ADVENTURES **MERCEDES-BENZ 4X4**

The LevelM Pro system is now available for the Mercedes-Benz Sprinter 4x4 (up to max. 4.25 t) and meets all off-road requirements.

AT A GLANCE THE ADVANTAGES

- I Maximum ground clearance (280 mm instead of 140 mm)
- I Steady and secure positioning
- I Horizontal in a few minutes
- I Fully hydraulic



WHEN LEVELLING IS NOT A QUESTION OF SIZE.

E&P LevelM

The hydraulic levelling support system for all motorhomes from 3.5 to 30 tonnes perm. gross weight







LevelM

THE LEVELLING SUPPORT SYSTEM FOR EVERY CLASS.

Unparalleled versatility: Whether compact camper or heavyweight up to 30 tonnes,

LevelM is available for almost every vehicle model. While the standard set with four supports, each with a load capacity of 2 tonnes, is ideal for standard motorhomes, E&P offers tailor-made solutions for particularly heavy vehicles — robust, powerful and durable. The fully automatic LevelM hydraulic levelling support system brings your motorhome, horse transporter or racing truck into a horizontal position in no time at all — easily, quickly and reliably. Thanks to intelligent electronic controls, the system distributes the vehicle's weight optimally across four supports, thereby protecting the body from torsional forces.

LevelM - when levelling is not a question of size.



AT A GLANCE THE ADVANTAGES

- I Horizontal in a few minutes
- I Completely hydraulic and fully automatic
- I Steady and secure positioning
- I For motorhomes with a permissible gross weight of 3.5 to 30 tonnes
- I Drive-off protection
- I Supports can be retracted at any time using the emergency operation.

MAXIMUM **FLEXIBILITY**

The selection of different

- I hydraulic power packs
- I cylinder lengths and
- I chassis variants allows the LevelM system to be configured to meet every requirement.
- I For motorhomes up to 30 tonnes perm. gross weight

FULLY AUTOMATIC OR INDIVIDUAL CONTROL

- I LevelM fully automatically and precisely compensates for unevenness and slopes.
- I The system is conveniently controlled at the touch of a button via the control panel or optionally via the touchpad.
- I An individual tank emptying position can be saved.
- In manual mode, each side of the vehicle can be raised individually.



LEVELLING SYSTEM MEETS AIR SUSPENSION

LevelM automatically controls compatible air suspension systems by releasing the air from the air suspension. This enables LevelM toensure maximum protection of the air suspension during the levelling process.

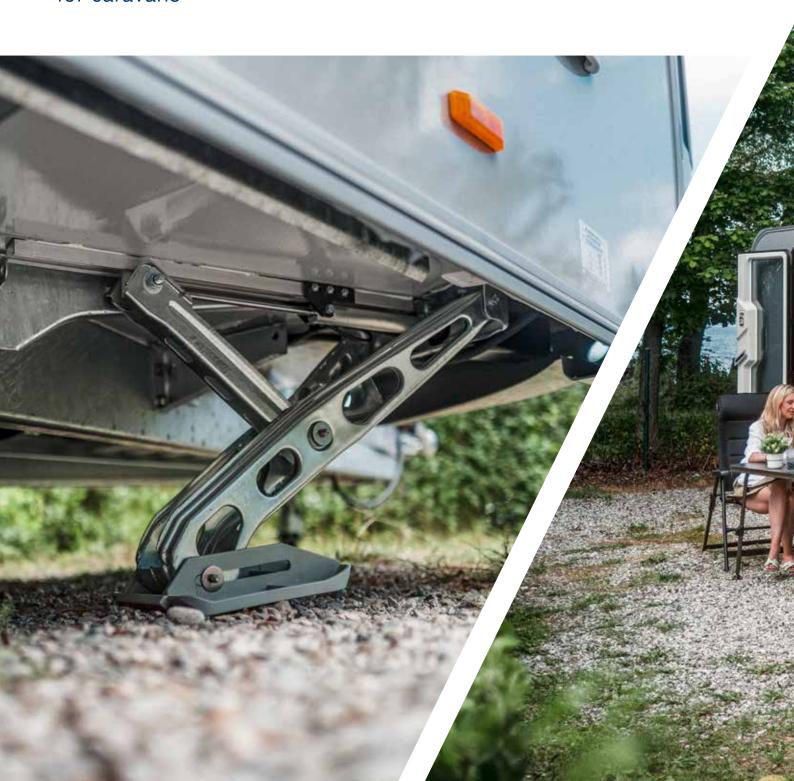
SCOPE OF DELIVERY

- I 4 x hydraulic cylinder
- I Central hydraulic assembly
- I Electronic control unit
- I Permanently installed control panel
- I Optional: Control via touchpad

MAXIMUM FREEDOM

E&P LevelC

The hydraulic levelling system for caravans







LevelC

MAXIMUM FREEDOM FOR YOUR CARAVAN

Worries about uneven pitches are a thing of the past

Enjoy greater freedom and comfort when travelling with LevelC. The entire system weighs only 20 kg more than mechanical crank supports and is very easy to control: arrive at the pitch, press the button, and the caravan is levelled in no time. Thanks to the six fully automatic supports, your caravan stands stably on any surface and is even protected against theft.

Experience maximum comfort in your caravan!



SIMPLERETROFITTING

The LevelC System for caravans can be retrofitted on practically all existing single-axle and tandem-axle chassis.

FULLY AUTOMATIC ALIGNMENT IN UNDER TWO MINUTES

- I Easy control at the touch of a button with the control panel or optionally via touchpad
- I Individual levelling of the supports is possible
- I Optional emergency hand pump (to retract the supports if necessary)

COMFORT AND LIGHTNESS COMBINED

- I Thanks to the use of lightweight materials, the LevelC System weighs only approx. 20 kg more than mechanical crank supports.
- I Ideal combination of light weight with maximum stability
- I This enables more payload

AT A GLANCE THE ADVANTAGES

- I Horizontal in a few minutes
- I Fully hydraulic
- I Extremely light
- I Stable and secure thanks to the AL-KO Big Foot steady legs
- I Immediately ready for use
- I For single and tandem-axle caravans up to 3.5 tonnes gross weight



SYSTEM WITH ADDITIONAL BENEFITS PROTECTED AGAINST THEFT

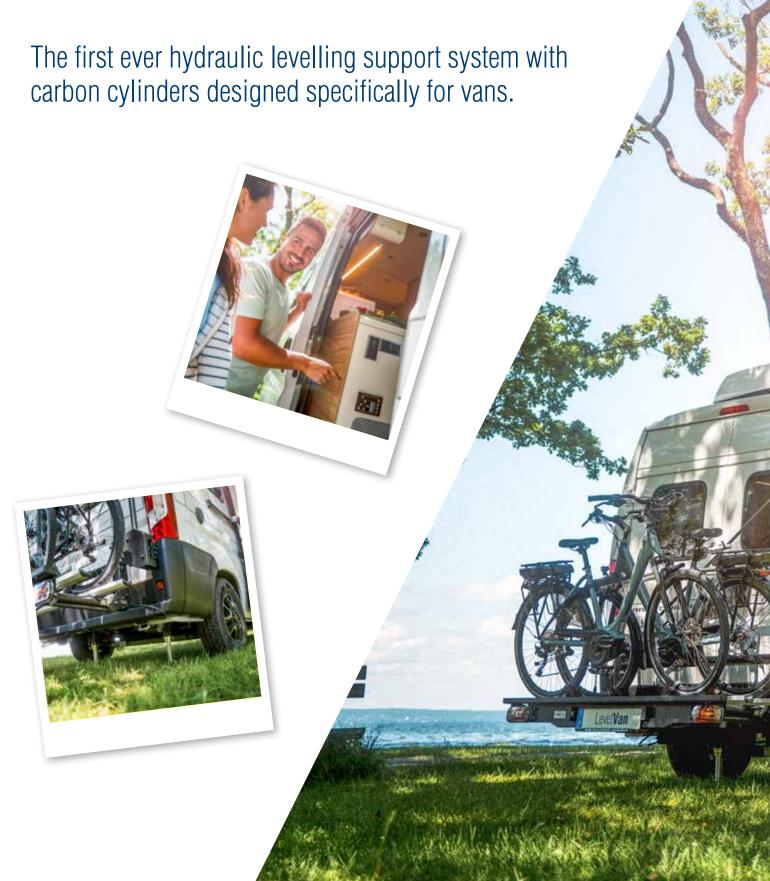
At the same time, the caravan can no longer be moved, making it theft-proof when parked in unsupervised areas.

SCOPE OF DELIVERY

- 1 4 x hydraulic AL-KO Big Foot supports
- 1 2 x hydraulic axle supports
- I 1x control panel
- I 1 x hydraulic assembly

THE **WORLD PREMIERE** FROM E&P

LevelVan







LevelVan

LESS WEIGHT, MORE PAYLOAD.

Sunrise in the mountains or sunset by the sea? "Let's keep going!" or "Let's stay here!"?

With a van, you have the freedom to do whatever you feel like on your travels. And a van with LevelVan also gives you the freedom to take everything you need on your trip. LevelVan from E&P is the first and only hydraulic levelling support system with a weight of less than 50 kilograms designed specifically for vans.

How did we manage that? The answer is quite simple:

Through the use of innovative carbon cylinders – a material that is hard to beat when it comes to lightness.

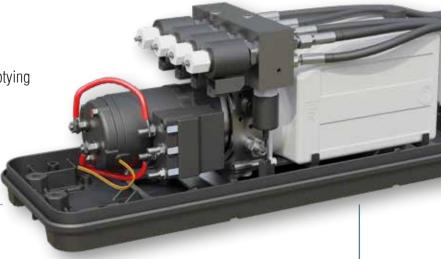
Discover Freedom. Discover LevelVan!

PRECISE, SMOOTH & QUIET LEVELLING OF YOUR VAN

I Optimum levelling accuracy & precision

I Two positions can be saved: Levelling & tank emptying

- I Quality & reliability from the levelling experts
- I Torsion-free, even levelling minimises the load on the chassis
- I Fully hydraulic



#CARBONLIGHT

SPACE-SAVING & SECURE POWER PACK INSTALLATION

The system can be installed either in the vehicle interior or in the van's underfloor area, where it is optimally protected from the weather by the maintenance box.

INNOVATIVE CARBON CYLINDER-TECHNOLOGY

LevelVan is the first system with innovative carbon cylinder technology, which is hard to beat in terms of lightness.

SUPER-LIGHT WEIGHT UNDER 50 KG

- I System weight including all components less than 50 kg*
- I LevelVan offers the ideal combination of light weight with maximum stability
- I This enables more payload

SUPER-LIGHT Weight under 50 kg

INNOVATIVE
Carbon cylindertechnology

WORLD PREMIERE Specially for vans

LIGHT LIGHTER, LevelVan.

*System weight depends on installation position and vehicle variant.



www.alko-tech.com/en www.ep-hydraulics.com/en



