

EASILY QUICKLY LEVEL

LEVELM – THE LEVELLING SYSTEM
FOR MOTORHOMES



AL-KO QUALITY FOR LIFE



FROM IDEA TO MARKET SUCCESS

Hydraulic levelling support systems were not necessarily a new idea. Over 15 years ago, when the founders of E&P started thinking about a system that made levelling a motorhome as quick and simple as possible, they had no idea that they were laying the foundation stone for one of Europe's most successful companies. As experienced campers, they knew exactly how a hydraulic levelling support system has to function: reliably, quickly, fully automatically and naturally at the push of a button.

With this philosophy, the highest of technical standards and a great love of detail, E&P went on to become the market leader for hydraulic steady leg systems. No matter whether they are big or small, light or heavy – the systems from E&P offer such variability that a solution is available for almost every vehicle.



In the space of a decade, the company was therefore able to make a name for itself on the European camping market.

Since 2018, E&P has been a proud member of the AL-KO Vehicle Technology group. In a strong environment, the company wants to specifically

continue growing and access new markets. The idea and philosophy remain unchanged: being able to offer customers the most reliable fully automatic system. So that we can continue to claim:

“EASILY QUICKLY LEVEL!”



FOCUS ON THE ESSENTIALS

KNOWING WHAT IT'S ALL ABOUT

With many manufacturers, our hydraulic levelling systems can be ordered ex works. But they can also be retrofitted on motorhomes or caravans at any time. Every levelling system is matched precisely to a specific vehicle chassis in our in-house R&D department. Suitable adapters are developed with CAD support and a great deal of manual work and are exactly matched to the

vehicle frame for every chassis type. Every single part has to function precisely in order for our hydraulic steady legs to be able to reliably move high weights for many years to come.

Each component is therefore appraised in terms of weight, material use and performance before being considered for our levelling systems.





LEVELLING SYSTEMS BASED ON EXPERIENCE

As every kilogramme is important in leisure vehicles, all areas of the system are optimised. The oil tank, for example, is mounted directly on the pump to save space. The supports are coated to withstand environmental influences, and are thus permanently protected against corrosion, stone chips, rain and dirt. The large base plate of each support is also made of sturdy stainless steel as standard, and is thus resistant to rust even after many years of use.

All lines and electrical connections are protected from dirt and moisture. All E&P levelling systems are maintenance-free and offer one of the best price/performance ratios on the market.

QUALITY FROM A SINGLE SOURCE

Anyone who puts their vehicle on E&P steady legs has a right to expect high reliability of the whole system. Quality and functionality are our mission. That is why we have developed an internal quality management system that quickly detects material flaws and ensures that faulty products can never

enter the production process. Practically all the components are manufactured, assembled and inspected after every work step at E&P's production facility in the Netherlands. Every single part of the levelling systems has to pass through the experienced hands of our staff.

INSTALLATION IS ALSO PERFECTED

A levelling system can only function precisely if it is installed correctly. That is why we attach great importance to the training of our partner companies and set very high standards here – to meet the demands on our product and guarantee the satisfaction of our customers.

Our service staff are constantly travelling around Europe to assist the fitters in the workshops on technical questions and on special installation situations.

Thanks to the continuous exchange of information, our service team keeps the fitters in the workshops up-to-date on the latest developments and is available to answer questions – 365 days a year.

LEVELM

FOR MOTORHOMES

COMFORTABLE LEVELLING

Developed specifically for motorhomes, our hydraulic levelling system **LEVELM**: levelling system for motorhomes, ensures that the vehicle is levelled easily, quickly and fully automatically.

The intelligent electronic controls from E&P ensure that the weight of the vehicle is always distributed evenly over the supports, in pairs, preventing the occurrence of torsional forces that may cause severe damage.

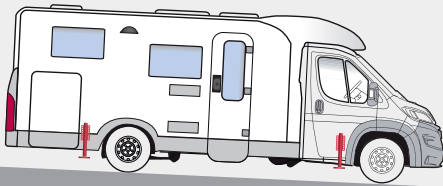
The standard E&P levelling system set consists of four supports that can each lift a load of two tonnes. This carrying capacity is more than sufficient for the majority of motorhomes on the market. But even for heavyweights such as horse and race car transporters up to 22 tonnes permitted gross weight, E&P supplies support systems that bring the vehicle into a level and steady position in a minimum of time.





NEW
WITH
WEIGHING
FUNCTION





Levelling in the longitudinal axis



Levelling in the transverse axis

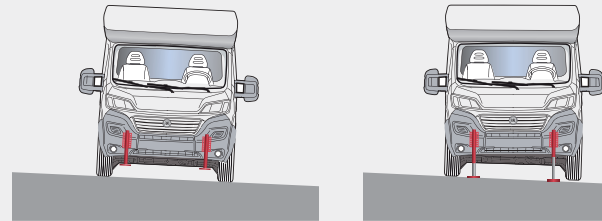
LEVELLING SYSTEM MEETS AIR SUSPENSION

The E&P Hydraulics air release system for air suspensions is globally unique in hydraulic levelling support systems. It allows air suspension systems from practically every manufacturer to be controlled.

The system has been developed to function with both two-line and four-line full air suspension systems. The air suspension bellows are therefore lowered fully automatically; from this position, the vehicle is levelled using the hydraulic levelling system.

CONTROL WITH ADDED VALUE

Great importance is attached to comfort at E&P, and that is why the designers have expediently expanded the control possibilities of the levelling support system. For example, the vehicle can be raised on one side at the push of a button in order to completely empty the waste water tank. The system is operated as standard via a permanently installed control panel. As an option, however,



LEVELM can also be operated with a touchpad, wirelessly or with your own smartphone via a WiFi module.

NEW: WEIGHING FUNCTION

From 2020, E&P is optionally offering a weighing function for control via touchpad and smartphone. An additional safety aspect for vehicles up to 10 t, which helps to prevent dangerous overloads and incorrect loading. The system namely measures the weight per support in addition to the gross weight. The driver can determine from this whether the load is correctly distributed.

The controller and display function via the E&P app, which can be downloaded free of charge for iOS and Android.





ADVANTAGES LEVELM

- Level in less than 2 minutes
- Steady and secure positioning
- Immediately ready for use
- For motorhomes with a permissible gross weight of 3.5 to 22 tonnes
- Available with different stroke lengths
- Fully hydraulic
- Simple and fully automatic levelling at the push of a button
- Semi-automatic operation of support pairs is also possible
- Emergency operation in the event of a power failure
- Stainless steel base plate as standard
- Can be integrated into an existing air suspension system
- Optionally with weighing function

TECHNICAL DATA

LEVEL M

- 4 hydraulic steady legs
- Pump block with integrated oil tank
- Electronic control unit
- Control panel
- Optional: Remote control or touchpad



Van

- Lifting capacity of 2t per cylinder
- Weight approx. 55 kg

Telescopic cylinders are used, depending on the vehicle type



Motorhomes up to 5.0 t

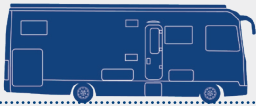
- Lifting capacity of 2t per cylinder
- Weight approx. 55 kg

Telescopic cylinders are used, depending on the vehicle type



Motorhomes from 5.0 to 7.5 t

- Lifting capacity of 3.5t per cylinder
- Weight approx. 65 kg



Motorhomes from 7.5 to 10 t

- Lifting capacity of 6t per cylinder
- Weight approx. 70 kg



Motorhomes above 10 t

- Lifting capacity of 10t per cylinder
- Weight approx. 80 kg

SERVICE AND PRICES

CONFIGURATION

To find exactly the right configuration of an E&P support system for your vehicle, please contact our retailers and service stations throughout Europe.

These can be found at:

www.ep-hydraulics.de/de/servicestutzpunkte

PRICES AND INSTALLATION

Our service partners will be happy to provide you with details on prices and installation time at any time.





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