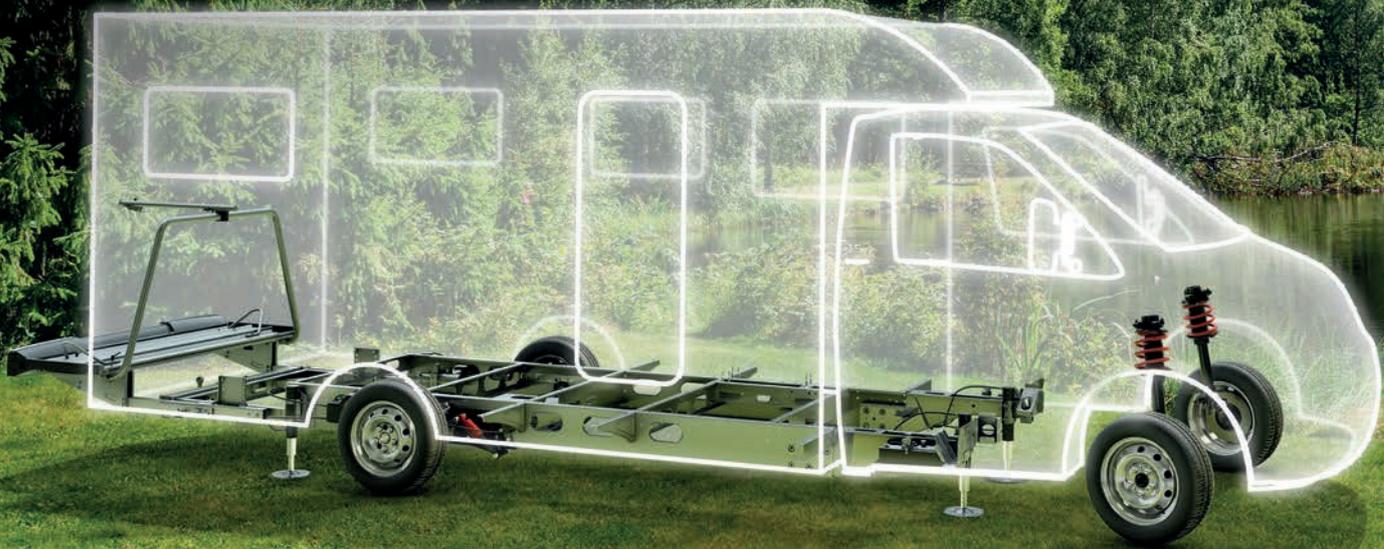


# AL-KO innovation for motorhome convenience and safety



If motorhome manufacturers or dealers want to offer their customers more safety, convenience and comfort, the AL-KO HY4 Hydraulic Levelling System with hydraulic steady legs (and other features) is a perfect option and now also includes a new weighing function to help avoid poor weight distribution or dangerous overloading.

*Words John Rawlings*

**T**he main objective of the AL-KO HY4 Hydraulic Levelling System is to make it possible to level a motorhome in about a minute, simply by pressing a button on a control unit fitted in the cab, or by using an app on a smartphone.

The levelling can be achieved by an automatic function, or manually, as each corner steady can be controlled individually. It really couldn't be easier to use, and can also be transferred to another vehicle if the owner decides to change motorhomes. It is powered from the vehicle's 12v battery and uses hydraulic jacks mounted directly to the chassis in each corner of the vehicle (up to 2,000kg per jack and a maximum vehicle weight of 6,000kg).

Fitting the HY4 system is designed to be straightforward. It does not require any hydraulic components to be fitted inside the

vehicle, so there is no compromise on the interior design or storage space. The net weight of the unit is 69kg, depending on the size of the vehicle it's fitted to.

It is possible to fit the HY4 system to any vehicle with an AL-KO chassis, including motorhomes and vans on the Fiat Ducato, Citroen Jumper or Peugeot Boxer chassis plus the new Mercedes-Benz Sprinter.

AL-KO is a Mercedes-Benz Van Partner and after working together for several months has obtained its important 'certificate of non-objection' for installing the HY4 system to the new Sprinter. This included sharing CAD data and considering crash simulation calculations to confirm the best position for its installation. The Certificate of non-objection will ensure it is installed correctly for any motorhomes based on the Sprinter VS30 with the SLC and AMC chassis, or the original frame.





To operate the system, you choose between levelling or weighing.



The levelling screen (centre) also contains the functions for night time tilting and tank emptying.

The weighing screen (right) shows the weight on each axle and the total weight of the vehicle, with each value displayed against its limit for easy checking.

### Sleep, tilt and weighing functions

The HY4 Hydraulic Levelling System also has other important benefits for safety and convenience, such as sleep, tilt and weighing functions.

For extra safety, the new weighing function, which can be retrofitted to an existing AL-KO HY4 levelling system, helps to ensure the motorhome is loaded appropriately and not overloaded, so it doesn't exceed the vehicle's maximum permitted weight, and also make it safer to drive.

It works by calculating both the motorhome's gross weight and the load on the front and rear axles. The results are shown in the AL-KO 2LINK app, which is available (free of charge) for any smartphone, and requires the AL-KO 2LINK box with Bluetooth interface to be installed. Using the app makes it much easier for the motorhome user to monitor (and comply) with axle load limits and distribute any load more evenly.

For those that may prefer to sleep with their head slightly higher than their feet, the HY4 has a 'sleep setting' which can be programmed to the desired setting.

The adjustability of the hydraulic jacks also

enables a 'kneeling setting' where the motorhome can be tilted to one side to make it easier to empty fresh and waste water tanks.

### Assured quality and support

For over 85 years, AL-KO has designed and produced vehicle technology products for motorhomes, caravans, commercial vehicles and commercial trailers. For leisure vehicles, the proven technology of AL-KO products, with its focus on reliability and creating extra comfort and convenience, ensure holidays are positive from start to finish. This expertise and highest standards of quality and safety have made AL-KO a valued partner of the motorhome (and caravan) industry across the globe.

Since 2016, the AL-KO Vehicle Technology has been part of the DexKo Group, the world's leading manufacturer of axles and chassis components in the lightweight segments. It is proud to successfully continue its focus on its brand promise of quality, safety and comfort for its products and services.

## Company Profile

### AL-KO Vehicle Technology Group

Founded in 1931, the AL-KO Vehicle Technology is now a global technology company with sites in Europe, South America, Asia and Australia. As a supplier of high quality chassis components for trailers, leisure vehicles and light commercial vehicles, AL-KO is synonymous with ergonomic and functional excellence, superb comfort as well as innovations to enhance road safety. The company specialises in sophisticated innovation processes and has received many awards for this. AL-KO Vehicle Technology Group is a wholly owned subsidiary of DexKo Global Inc., a portfolio company of KPS Capital Partners, LP.

### DexKo Global Inc.

DexKo Global is the world's leading supplier of advanced chassis technology, chassis assemblies and related components with more than 130 years of experience in trailer and caravan components. DexKo Global was founded at the end of 2015 through the combination of Dexter and AL-KO Vehicle Technology. With its headquarters in Novi, Michigan, the company employs more than 5,000 associates with 42 production facilities and 22 distribution centers. DexKo Global has a turnover of more than US\$ 1.5 billion.

