

# DESIGNED FOR THE NEXT LEVEL



**LHPC**  
hydraulics

**Levelling & Room Extension Systems**  
The ultralight aluminium levelling systems



# Leading innovation

*HPC Hydraulics offers the latest technology for levelling and stabilising your vehicle. That is why we go that one-step further. In other words, we take it to a higher level. Do you want your vehicle level with one touch on a button? Would you like remote control from a smartphone or tablet? Do you prefer manual control? Or perhaps you need a custom solution? All of those options are possible.*



The automatic, aluminium HPC levelling system is one of our latest innovative developments. A lightweight hydraulic solution that can handle heavy loads. Our philosophy remains the same for our products and the service we offer. That is why we can confidently say **HPC Hydraulics, designed for the next level.**

HPC Hydraulics stands for user friendly operation, controlled power and safety.

## For light and heavy vehicles

With our range of aluminium and steel jacks, we can lift just about any vehicle, up to a maximum of thirty tonnes. Using our compact and simple control system, you can lift and level your vehicle in 90 seconds. Depending on the application we can use two or four double-action hydraulic jacks.

## A question of comfort

Our automatic levelling and stabilising systems increase your level of comfort with a single press on a button. No more stress while stabilising your vehicle, no more unwanted movements, and still a lot more advantages:

- **Ultra-light hydraulic jacks.** Lightweight aluminium jacks with very compact mounting.
- **Weight.** Complete system start as low as 15 kg, including mounting materials, oil, etc.
- **Universal.** The system is suitable for all types of vehicles, 12 or 24 volt.
- **Comfort.** The vehicle is as steady as a rock and never wobbles. That improves comfort with cooking, sleeping, showering, setting up your satellite dish, and the list goes on.
- **Ease of operation.** User friendly touch screen control available in seven languages.
- **Safety.** The system will not work without the handbrake. When you turn on the ignition, a red LED warns if any jacks are extended. There is also a lock on the control panel for unwanted use.
- **Speed.** Your vehicle will be level and stable within 90 seconds. If there is an emergency the vehicle can be ready to drive in a few seconds.
- **Emergency system.** The system got a manual pump included. That means you can always control the system. You do not need any tool to use the manual pump.
- **Additional features.** Levelling your vehicle so you can easily empty the water tank. The vehicle can stand on the jacks all winter so you save your tyres.
- **Remote control by smartphone and/or tablet.** Control your system with our Android or IOS app.

## The basic system includes the following components:

- A touch screen or basic control panel
- Two or four hydraulic jacks, made of aluminium or steel depending on the weight
- Compact and lightweight pump with manual operation possibilities.
- Thin hydraulic hoses that are easy to mount (under the vehicle)
- HPC oil
- Fasteners and mounting materials
- Remote control by smartphone and/or tablet



Connection with Airsuspension  
(this will lower the pressure when leveling)

VB-FullAir 2C  
VB-FullAir 4C



# Control technology

Quick and reliable vehicle stabilisation with a practical and simple control panel HPC offers high-end stabilisation and levelling systems for mobile applications. The required control systems are customizable for each vehicle, we offer manual control and fully automatic systems with touchscreen control.

## Stabilisation system HPC212:

A manual two-jack system for simple vehicle stabilisation with a user friendly compact push button panel. This system is also suitable for caravans. In this case, the system levels the transverse axis. For the caravan we have an even more compact aluminium jack available, because of the limited mounting space. Stabilising caravans can take up a lot of unnecessary time. This solution is simple and fast. You start by levelling the transverse axis. Then you can use the jockey-wheel jack to level the caravan lengthwise. Just screw out the four struts and you are ready!



## Automatic levelling system HPC312:

The fully automatic levelling system with four jacks and touchscreen control. Just one press on the button will level your vehicle in 90 seconds. This is one of the most flexible, compact, and lightweight systems on the market, it uses the latest technology. Suitable for both 12 and 24-volt vehicles. The system shows clear information, including the current battery voltage, and whether you have applied the handbrake or not.



The system also allows modular modification.

- You can remotely operate the system by smartphone and/or tablet.
- It can handle hydraulic extensions, such as slide out compartments.



## Hydraulic jacks for levelling and stabilising

Our range of eight aluminium jacks offers a solution for every vehicle. Besides our five standard jacks, we also offer telescopic versions, which are especially suitable for vehicles with limited mounting space. Our hydraulic jacks are anodised, which makes them corrosion resistant. To allow compact mounting the jacks have fixation holes in the back. Some of our major advantages:

- Aluminium jacks starting from only 2 kg
- Strength of a single jack from 2 to 7 tonnes
- Compact recessed mounting
- Standard and telescopic jacks available
- Black anodised, with no paint
- Movable foot through seven degrees
- Water and dirt discharge
- Fixed-position foot while driving

We also have steel jacks available for heavier vehicles, available on request.



# MORE SPACE FOR EXTRA COMFORT

*The levelling system is easy to extend for extra comfort. Slide-out systems enable more opportunities for your vehicle by creating space. An extra lounge for your motorhome, more selling space ... it's all possible!*

You can take full advantage of the system and the lightweight pump. Our modular construction makes it easy to add functionalities. From a hydraulic stairs to a bay window (slide-out).

## Universal Straight Out

The solution as an underfloor guiding system is not an option. This slide with a four-point linkage guarantees a perfect seal in both open and closed position. And on the outside no technical details are visible! The extension options broaden the vehicle with up to 0.76 metres.

## Dual Cylinder

This system is ideal for larger vehicles. It is strong, technically very robust and maintenance-free. The extension and retraction of the bay window is very accurate. The ease of operation is as easy as the operation of the system itself. The extension options broaden the vehicle with up to 1.50 metres.



We supply:

**Concorde**  
REISEMOBILE AUS LEIDENSCHAFT

**VARIO mobil**

**FRANKIA**  
DE MOTORHOMM BILDGEBER



**Meier**  
FÜR IHRE ZUGSITUATION

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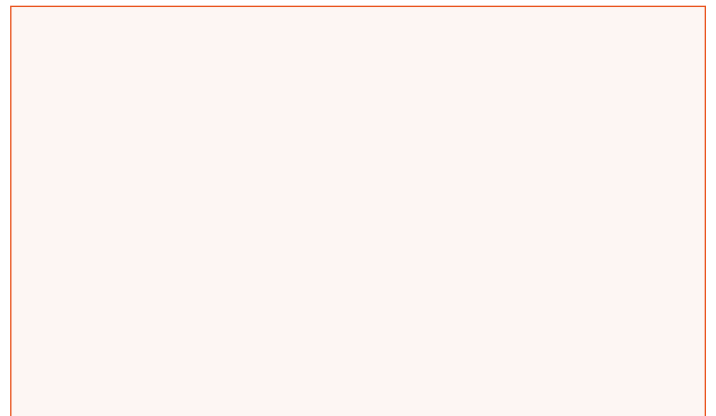
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