

# HUBER

AUTOMOTIVE

## E-DRIVE & HYBRID SYSTEMS

---

MORE THAN JUST ELECTRIC

ADVANCING THE FUTURE

# E-TRAILER

ONE CHASSIS - MANY NEW POSSIBILITIES



The latest development of the Huber E-Drive family extends the application possibilities of modern mobility in many areas. No matter whether it is about the range of electric vehicles or the consumption optimisation of hybrid or combustion vehicles, as soon as these are used as towing vehicles for trailers, the range or consumption increases noticeably.

The aim of the Huber E-Drive for trailers is to minimise these restrictions and to noticeably improve the usability of utility and leisure trailers.

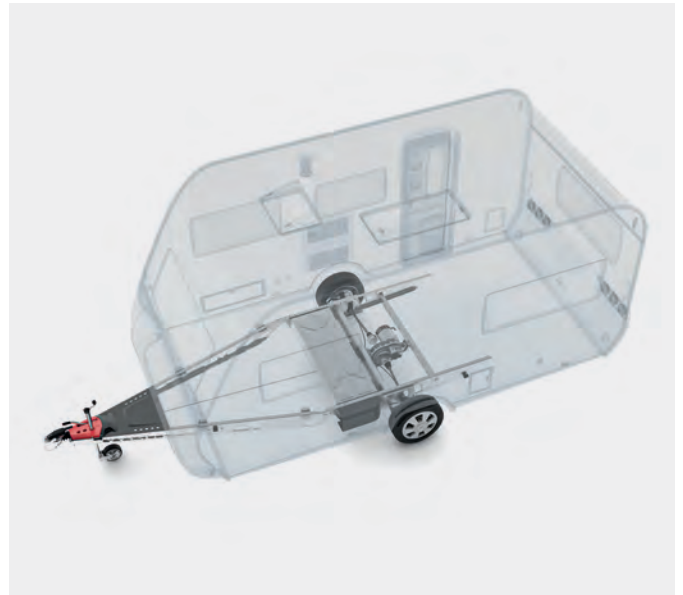
Based on a 48V system with modular battery packs, this slim system can be installed in almost any trailer chassis. Thanks to intelligent sensors, the trailer always „knows“ where it is in relation to its towing vehicle.

Equipped with a modern, lightweight transmission in conjunction with the 48V electric machine, the trailer follows in a strain-relieving manner and thus makes a

significant contribution to maintaining the range of an electric vehicle or optimising the fuel consumption of hybrids and combustion engines.

As soon as the sensors detect a speed reduction, the system switches from drive to recuperation and thus recovers valuable energy.

However, Huber's E-Drive system for trailers does much more than simply optimising the range. One of the biggest risks in trailer operation is the „rocking“ of the trailer, whether due to road conditions or sudden evasive manoeuvres. With the Huber E-Drive for trailers this risk is reduced, the sensors combined with the intelligent Huber control system detect the driving situation at lightning speed and intervene with the optionally available „Torque Vectoring“, an individual speed control per wheel.



Of course, the system can also be used as a starting and traction aid on wet or slippery surfaces. They can easily get out of campsites or damp meadows.

Further advantages for the user also arise with, partly completely new, comfort functions. Equipped with a WLAN control unit, the trailer becomes a semi-autonomous, remote-controlled all-rounder.

As you park the trailer with the vehicle, the rear view camera automatically turns on when reversing and is displayed on the connected mobile device. If precise parking with the vehicle is not possible, simply use the app provided for this purpose. With the integrated remote control you can manoeuvre the trailer into the desired position independently. Of course, this system also supports you during the towing process.

Completely new possibilities for the professional use or also the caravan individualist result from the carried energy stores. When the trailer is parked, they are simply used as a backup battery, which supplies the respective body with energy when there is no power supply. Whether cooling unit, light, multimedia or kitchenette, the Huber E-Drive bridges the supply gap depending on the selected memory size.

Another important additional function of the system is the optional anti-theft device. Activated via the app, the gearbox is electromechanically locked and towing by unauthorised persons is effectively prevented.

The electrification of a trailer gives the user a multitude of previously unavailable options, safety features and, above all, range and consumption optimisation.

**HUBER**  
AUTOMOTIVE

Huber Automotive AG  
Industrie- & Businesspark 213  
73347 Mühlhausen i.T.  
GERMANY

Tel. +49 7335 92 06 - 0  
[info@huber-automotive.com](mailto:info@huber-automotive.com)  
[www.huber-automotive.com](http://www.huber-automotive.com)