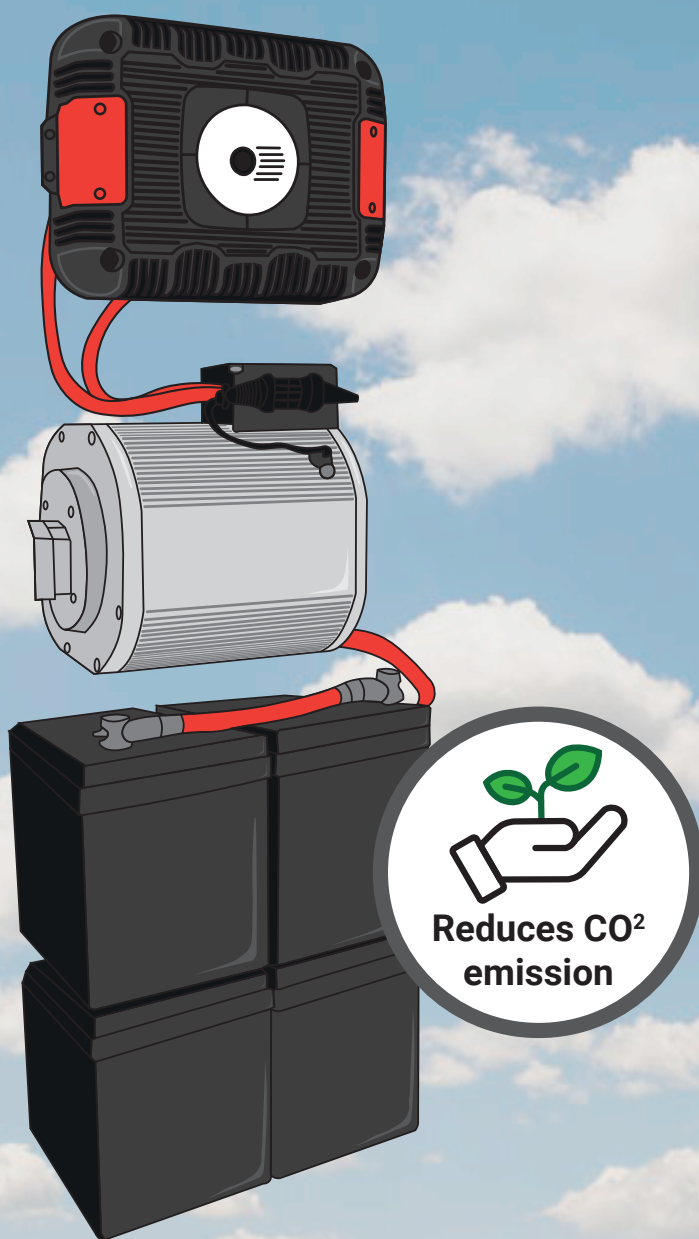
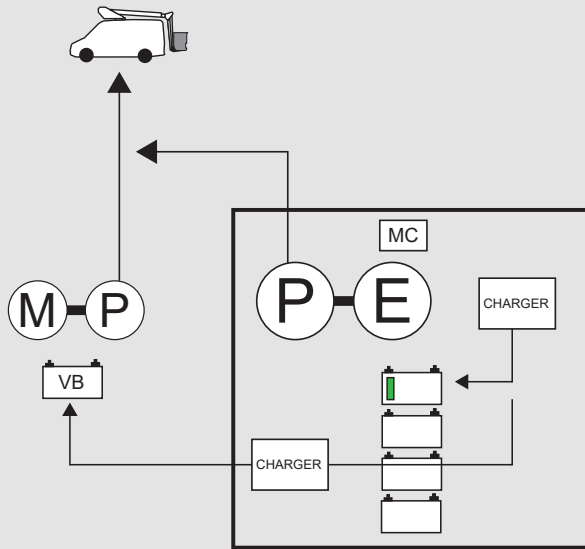


# E·DRIVE

**A powerful, rechargeable plugin hybrid system  
for your platform**





**M** = Vehicle Motor  
**P** = Hydraulic Pump  
**VB** = Vehicle Batteries  
**E** = Electric Motor  
**MC** = Motor Controller

This flowchart diagram depicts the E-Drive® System, which is a hybrid plugin system for our platforms - fully variable and energy-saving.

48VDC voltage is converted to AC. The revolutions of the electric AC motor are regulated, adjusting oil flow perfectly to the wanted speed.

In the cage, the operator can choose whether to use the E-Drive System or conventional PTO operation via the vehicle motor.

### Technical specifications

<b>System size:</b>	48 volt - 4Kw / 7,5Kw*
<b>Batteries:</b>	4 x AGM batteries - 12 volt 100Ah / 12 volt 230Ah**
<b>Charging time:</b>	Ca. 6 hours
<b>Speed:</b>	Variable speed from 0 to 100%
<b>FR41004 standard capacity:</b>	1 working day normal use / 2 hours 100% use***
<b>E-Drive System includes:</b>	Motor controller, hydraulic pump, chargers
<b>Total weight:</b>	210 kg (4Kw) / 375 kg (7,5Kw)

\* The system is available in two sizes, depending on the capacity you need.

\*\* AGM batteries are standard. Lightweight lithium batteries are available at extra cost.

\*\*\* 1 working day with standard batteries is equivalent of approx. 40 cycles. Lithium batteries provide more cycles but only 2 operable functions at the same time, as opposed to the standard 4 functions.

### Description

The Danilift E-Drive® System is a powerful, rechargeable plugin hybrid system, which allows you to operate your platform while the vehicle engine is turned off, sparing the environment of unnecessary CO<sup>2</sup> emission.

With four operable functions and a variable speed from 0 to 100%, one charging can last you one normal working day of approx. 40 cycles. One cycle consists of the following actions: The platform is activated, the outriggers are deployed, the platform is operated into position and paused for 10 seconds to simulate a work situation, and then the platform is operated back into its starting position and the outriggers placed back into transport position. This means that you get a lot of power from a single charging. The system requires charging from an electric outlet (110/230VAC) - normal charging time is about 6 hours.

If you need to be able to shut off your vehicle engine, such as in tunnels where the air quality can be affected by exhaust gas, or in cities where vehicles are not allowed to idle for too long - this solution is perfect for you. An environmentally friendly choice!

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