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Lifting high and reaching far

Danilift Original Options

E·DRIVE

A powerful, rechargable plugin
hybrid system for your platform

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E-DRIVE

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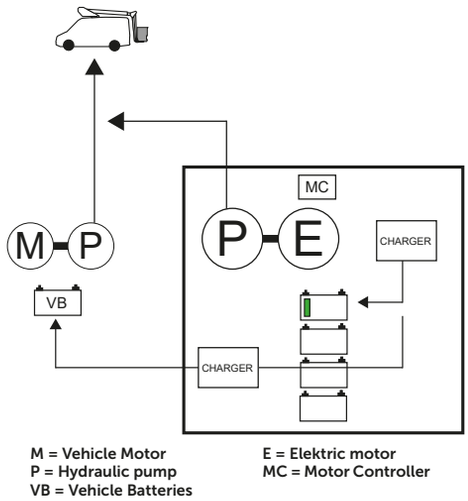
Images

Technical specifications

System size:	48 volt - 4Kw / 7,5Kw*
Batteries:	4 x AGM batteries - 12 volt 100Ah / 12 volt 230Ah**
Charging time:	Approx. 6 hours
Speed:	Variable speed from 0 to 100%
Standard capacity:	1 working day of normal use / 2 hours at 100% capacity***
E-Drive System includes:	Motor controller, hydraulic pump, chargers
Total weight:	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 to approx. 40 cycles. Lithium batteries provide more cycles but only 2 operable functions at the same time, as opposed to the standard 4 functions.

Flowchart diagram



M = Vehicle Motor
P = Hydraulic pump
VB = Vehicle Batteries
E = Elektric 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.

Description

The Danilift E-DRIVE® System is a powerful, rechargable plugin hybrid system, which allows you to operate your platform while the vehicle engine is turned off, sparing the environment of unnecessary CO_2 emission.

With four operable functions and a variable speed from 0 to 100%, one full charge 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 is affected by exhaust gas, or in cities where vehicles are not allowed to idle for too long - E-DRIVE® is a perfect solution for you. An environmentally friendly choice!

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