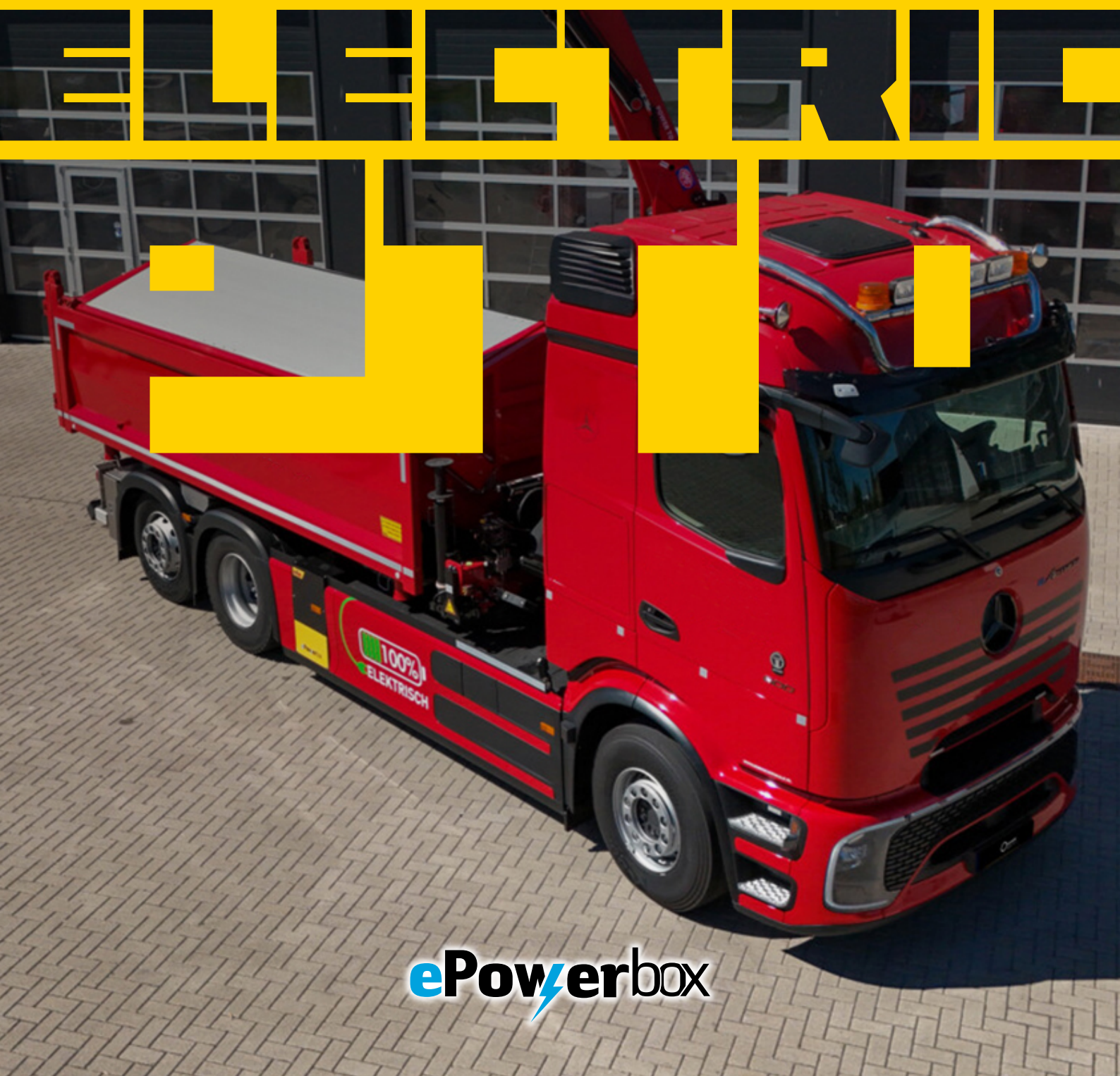




ePowerbox

ELECTRIC POWER TAKE-OFFS (ePTO) FOR MERCEDES-BENZ eACTROS

Leading the change in zero-emission solutions

INNOVATIVE ELECTRIC POWERTAKE-OFFS (ePTO) FOR MERCEDES eACTROS

Revolutionize your fleet with HYVA's ePowerBox range

Welcome to the next generation of Electric Power Take-Offs (ePTOs). The HYVA ePowerBox range is engineered to meet the growing demand for zero-emission solutions in commercial vehicles. Our cutting-edge technology ensures minimal energy consumption and reduced noise levels, making it the ideal choice for the modern commercial vehicle industry.

HYVA's ePowerBox is a revolutionary solution designed for electric commercial vehicles with hydraulic work equipment. The ePowerBox optimizes the conversion of electrical energy to hydraulic movements, ensuring efficient energy use and lower operational costs.

- Universal Compatibility**
Designed to work with common hydraulic pumps and components (eg gear, piston or variable pumps).
- Low Noise Operation**
High torque capability allows the use of larger pumps at lower RPMs, significantly reducing noise.
- Ease of Installation**
Our expertise ensures seamless integration with various OEMs

VERSATILE TO SUIT EVERY APPLICATION



FULL SOLUTION WITH INTEGRATED REAR MOUNTED WETKIT

KEY FEATURES

- One-Box Solution**
Integrated mounting brackets simplify installation for fast, easy chassis mounting.
- Integrated ePTO-Controller**
Easily adjust parameters to match a wide range of equipment needs.
- Connected Technology**
Access energy usage data and performance metrics anytime via the HYVA Cloud portal.
- External CAN Control**
Supports up to 2 CAN-controlled devices requesting RPM control from the ePTO, alongside standard digital input control.
- Independent, Integrated Water/Glycol Cooling System**
Keeps performance stable and reliable, independent of the vehicle's cooling circuit.

KEY SPECIFICATIONS

Electric Power Available	50 kW Nominal 90 kW Peak (aligned with MB option code N6V)
Hydraulic Performance Capability*	250 bar up to 170 LPM 350 bar up to 125 LPM
Input Voltage	500-850 HV DC 9-36V LV DC
Cooling liquid	Independent, integrated water/glycol cooling system
Communication Protocol	CANJ1939 and Digital I/O ePTO Controller is integrated in ePowerbox
Pump Flange**	ISO 7653 4H flange & DIN 5462 spline shaft
Pump types which can be used	All commonly used pumps like gear, piston & variable (piston) pumps

* Indication only; actual performance will depend on the configuration and power available.
** Other configurations are possible in consultation.



ON- & OFF-HIGHWAY



PORTFOLIO

- Tipping Cylinders & Wetkits
- DTS - Digital Tipping Solutions
- Hydraulic Components
- Towing Devices
- Horizontal Loading and Unloading Systems
- Electric Solutions
- Container Handling Systems
- Waste Handling Solutions



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