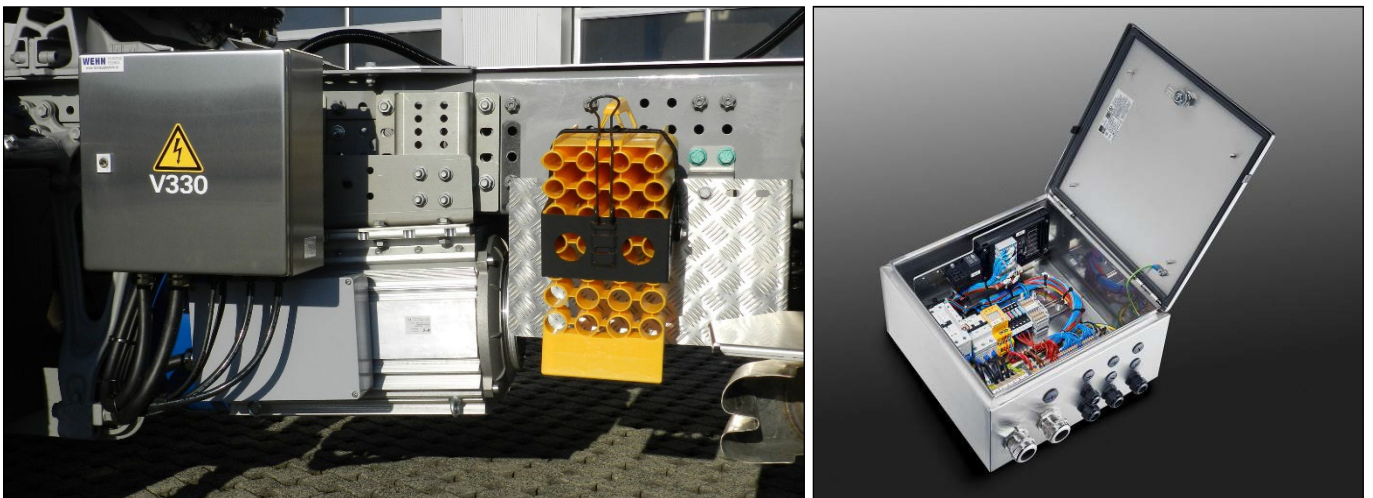


EPT4 unit (Electric Power Train)

The EPT4 unit is designed for the maximum output of the electric motors in the system and for long service life. This robust and universal drive unit incorporates so many years of experience we have in this particular field.

The system is equipped with a size 200 generator (55/65kVA). The unit can be adapted to different customer requirements and trucks. Several additional functions, e.g., diesel start-stop from the operator console, engage/disengage the PTO for optimum efficient operation, are available with the integrated control that is suitable for mobile applications.



Technical specifications:

- All mechanical parts of the console are made of stainless steel or aluminum
- Customer requirements can be integrated efficiently (different voltage/frequency levels: 400V 50Hz 63A, 460V 60Hz 63A; also changeable possible)
- Safety functions: insulation monitoring (two level) of the generator prevents accidents, insulation fault causes a break of the electric contactor, a break of the PTO and the diesel engine to turn off
- Fulfillment of the requirements of IEC 60364-7-717, DIN VDE 0100-717 (2005) Electrical installations on vehicles or in mobile units and DIN VDE 0100-551 (VDE 0100-551), IEC 60364-5-551 Low-voltage electricity generation plant (mobile power generator)
- Overcurrent and short-circuit detection by line protection switch
- Control of the system can flexibly be adapted to customer requirements and to different truck makes; parametrisable CAN-capable control for flexible range of application
- All electric fuses of the system are located in the control unit
- Different operator and display versions in driver's cab and on operator console are possible
- Dummy coupling for safe mounting of the power cable during empty trips
- Truck specific frame cover and drive shaft guard
- Ventilation of the generator as an option available (reduction of moisture in the generator)

If you need more information, please contact us.

Wehn Fahrzeugtechnik GmbH