



SUSTAINABLE LOGISTICS

» E-MOBILITY

Climate neutrality thanks to sustainable logistics

Due to ecological, economical and political developments in recent decades, the logistics of the future are confronted with many different challenges. Climate protection and the resulting energy revolution with its international legal framework demand rethinking and action in all areas of commercial transport. Innovative electrification concepts for commercial vehicles are being developed and promoted in vehicle construction.

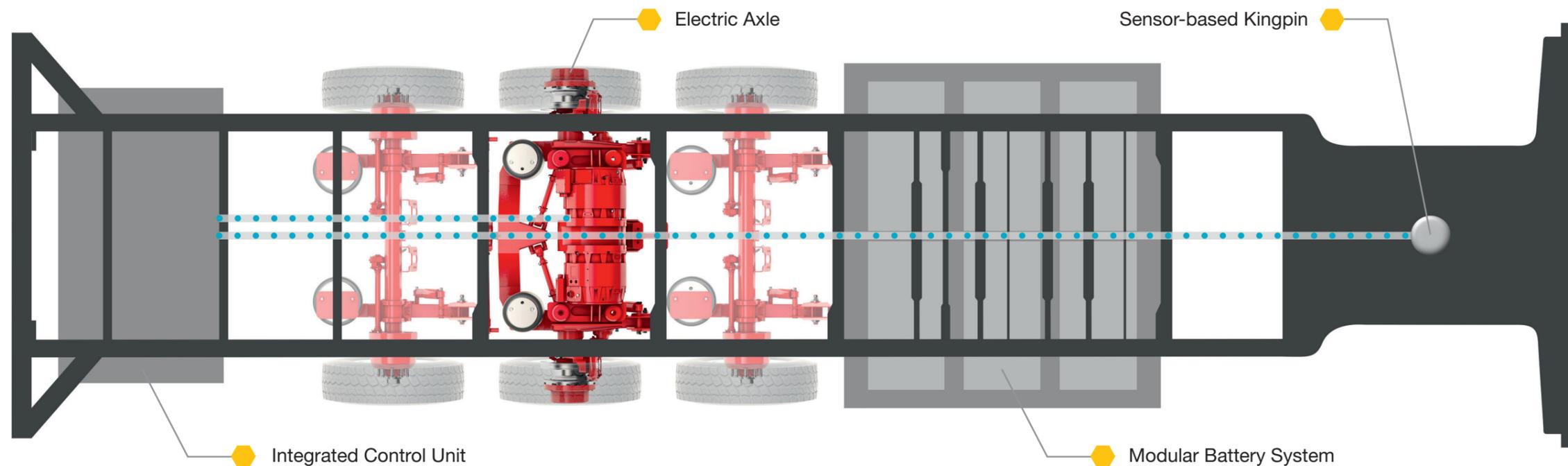
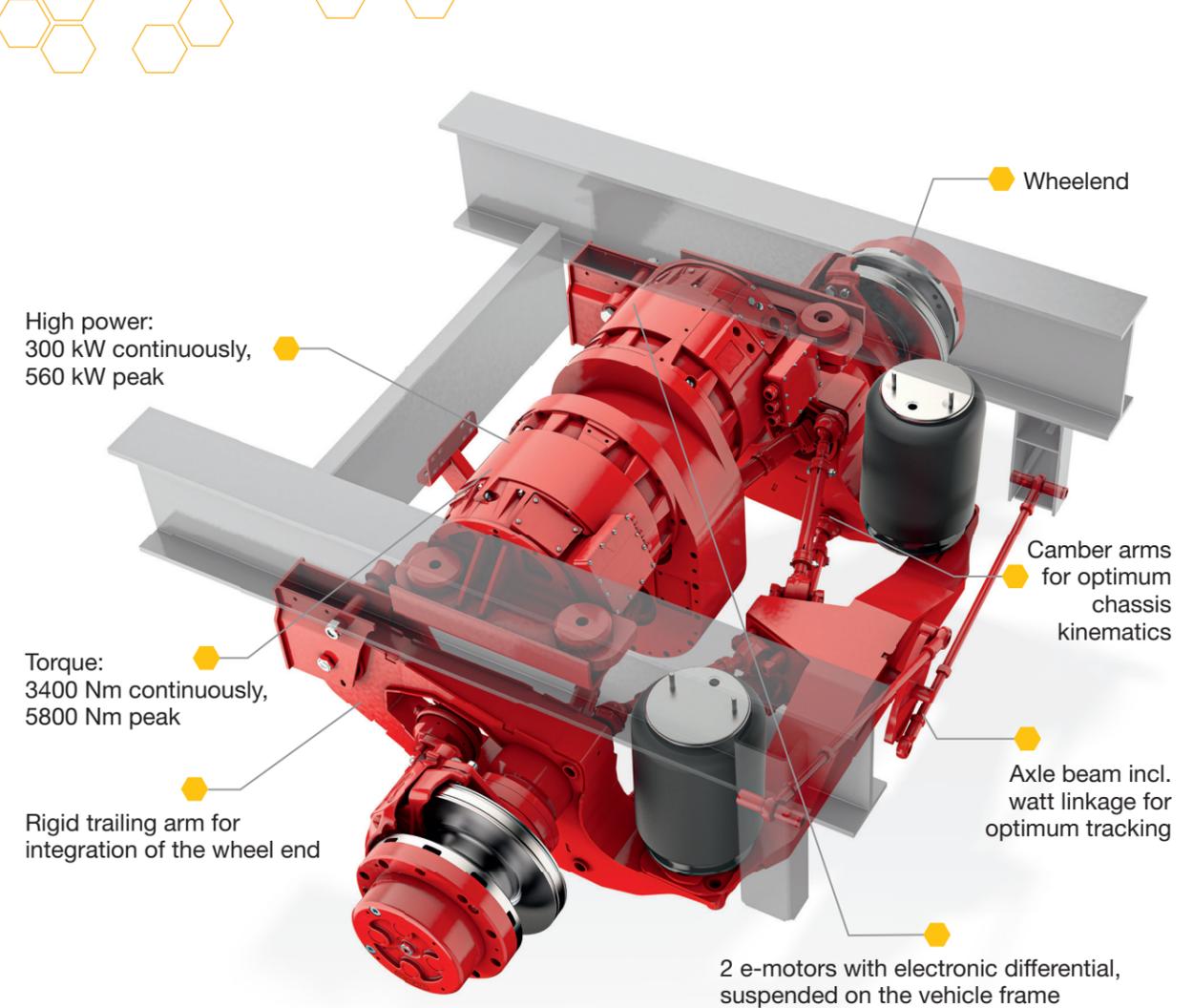
The e-axle developed by Trailer Dynamics with the modular battery system and the patented kingpin including smart software, offers an integrated drive concept for commercial vehicle trailers, which intelligently controls the drivetrain of the trailer and therefore significantly reduces fuel consumption.

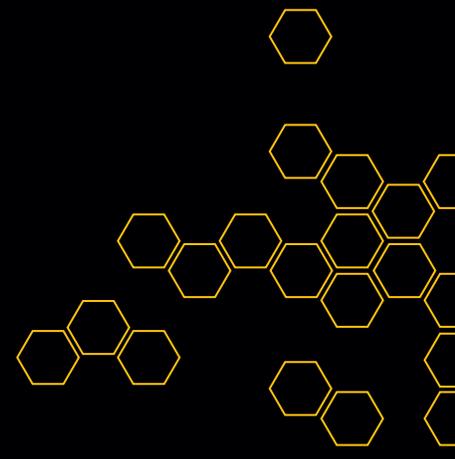
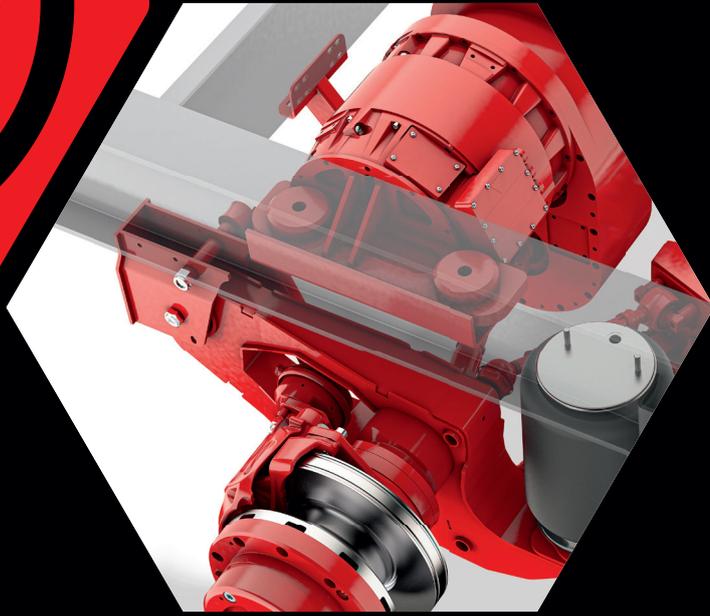
Full power for more efficient services

The electric axle replaces one of the trailer axles that is not driven, supports the tractor unit on the road, and is also capable of regeneration. The electric drivetrain supports the vehicle throughout the entire journey, both when starting off and when driving up hills, and helps to recover energy through recuperation when braking.

The 800 V technology enables rapid charging of the batteries and conversely, high power availability for the electric drivetrain. The drive can also increase the overall efficiency of the system thanks to its recuperating capacity, and at the same time, it can reduce wear and strain on the conventional friction brake due to the wear-free drag braking function.

Trailer E-Mobility at a glance





» GIGANTIC ADVANTAGES

The E-Mobility system for your trailer regulates the energy supply for the trailer and tractor unit, and thanks to the intelligent software, reduces fuel consumption through optimum drive support.



Reduced fuel consumption
(more than 20 %)



Tractor unit independent
system



Reduced emissions -
CO² savings



High performance
and capacity



Intelligent, patented
software control



Cost reduction - positive total
cost of ownership (TCO)

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