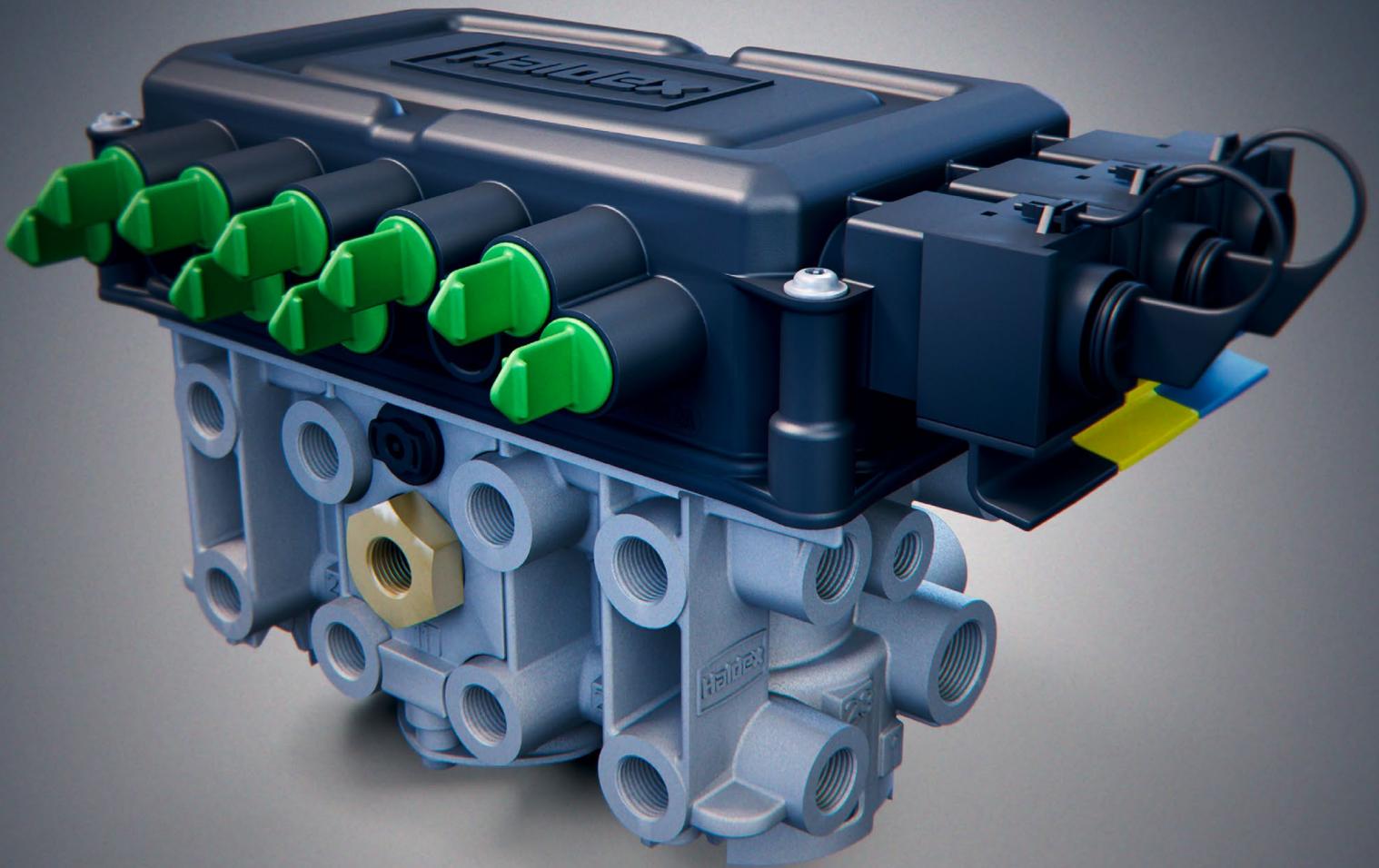


# INCREASED FUNCTIONALITY



## **EB+GEN3** Electronic Braking System

Extensive software and hardware development: the third generation of Haldex Electronic Braking Systems for trailers comes with greater than ever capacity.





## EB+ GEN3

### Seamless housing, more connections and faster response

The third generation of EBS is now even more efficient thanks to a large number of additional features.

- › Operating range from 8 to 32 V
- › Response time boost
- › AUX 4 & 5 external pressure sensor: allows internal pressure sensor to be replaced by external ones
- › AUX 2 & 3 with an electrical switch on the yellow wire (Premium version): additional output capability
- › Standby power mode: allows some auxiliaries to continue to operate after ignition is switched off
- › Two CAN bus-based diagnostic ports instead of one: allow two devices to be connected without a splitter cable
- › Super AUX capability as standard

## Increased versatility

An extended operating range makes EB+ Gen3 more universal than ever. The previous 24 V system now ranges from 8 to 32 V and thereby offers a 12 V system for special applications.

The ECU is encased in a revised housing with additional connections. Two of the five AUX electrical connections now have twin outputs. There are also two CAN bus-based diagnostic ports instead of one. This means two CAN bus systems can be connected without complex external cabling.

### At a glance: EB+ Gen3 comes in 2 variants

EB+ Gen3 Standard	EB+ Gen3 Premium
2M	2M or 3M
8 - 32 V	8 - 32 V
2 x CAN-Interface	2 x CAN-Interface
Switchable CAN termination	Switchable CAN termination
Response time boost	Response time boost
External pressure sensor possible	External pressure sensor possible
AUX: 3 digital outputs, 2 analogue inputs	AUX: 5 digital outputs, 2 analogue inputs
-	Standby power mode
-	Load transfer function possible

## The number of EBS controlled trailer systems is increasing

From trailer lift axles, brake wear sensors, Reset-to-Ride function and Soft Docking to Fleet+, tire pressure monitoring and Info Point, the third generation EB+ is able to integrate considerably more systems than before. In this way, EB+ Gen3 takes into account the rapidly growing number of wide-ranging systems that communicate with EBS.



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