



## ZF Electric Drive Solutions for Mobile Excavators

The ideal contribution for the urban construction site of the future are electric construction vehicles. Quiet and pollution-free operation helps to make construction work in inner-city areas or buildings a reality, despite strict emission controls. Guided by the principle of zero emissions, ZF strives to achieve the ambitious claim of enabling construction work machinery such as Mobile Excavators to drive emission-free in the future. Technology leader ZF is setting new standards for electrical drives.

### eTRAC - Electric central drive solutions

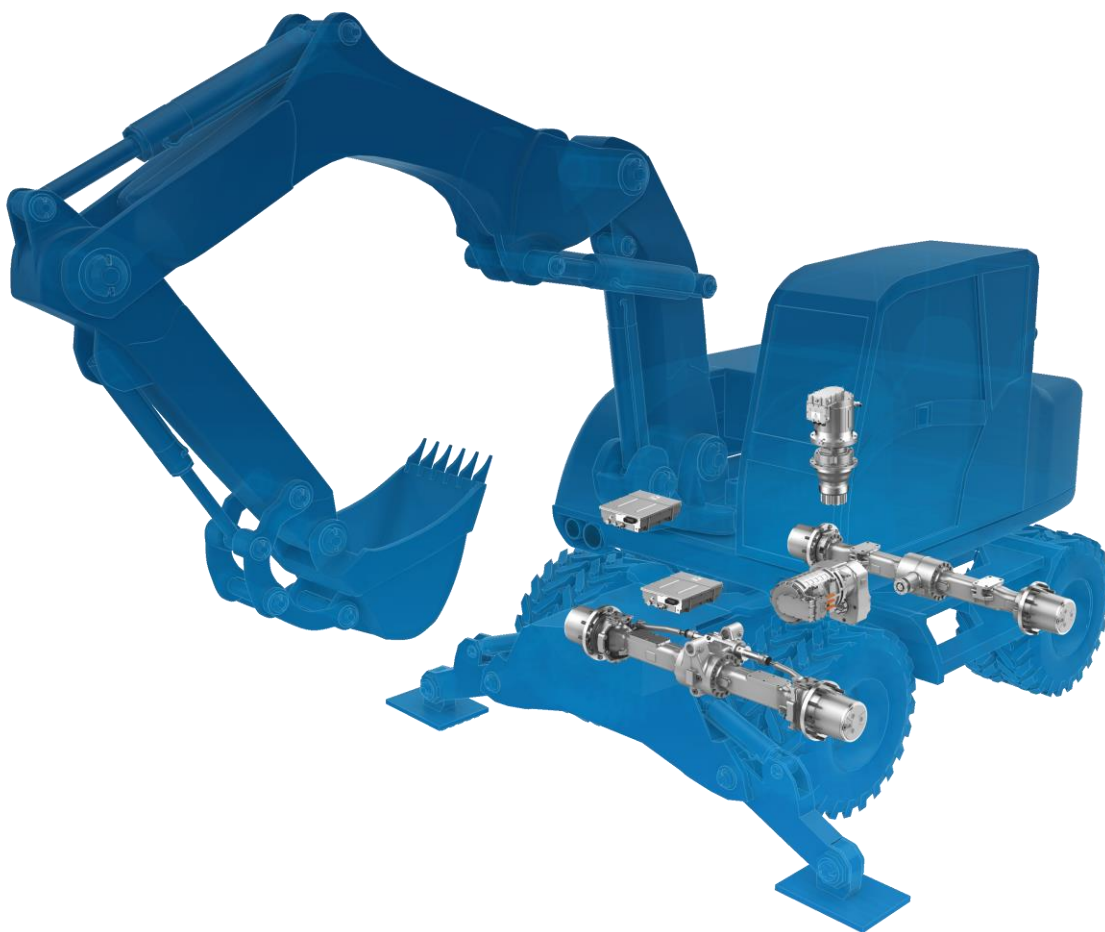
- Superior performance, same as conventional driveline
- Efficient electrical components
- Robust and reliable mechanical driveline
- Compact installation space
- 'Best in class solution' for power density
- Inverter part of scope of supply
- Control Unit for drive train part of scope of supply

### MULTISTEER / MULTITRAC

- Reuse of standard axle design
- Designed for toughest operating conditions
- Intended for excavators with a weight of 13 to 25 tons
- 4-wheel steering up to 20 tons available



## ZF eTRAC electric central drive technology for Mobile Excavators



### Product and performance classes

Empty vehicle weight <sup>1)</sup>	Front axle	Rear axle	Electric Drive	Voltage	Power (S1)	Power (S2 – 60 sec)	Swing drives
Class up to 15,5 t Class up to 34,200 lbs	MS-E 3050 II	MT-E 3050 II	eCD50	650 V	40 kW	60 kW	eDR250
Class up to 20 t Class up to 44,100 lbs	MS-E 3060 II	MT-E 3060 II	eCD70	650 V	50 kW	80 kW	
Class up to 25 t Class up to 55,100 lbs	MS-E 3070 II	MT-E 3070 II	eCD90	650 V	80 kW	100 kW	

1) Empty vehicle weight without additional equipment