



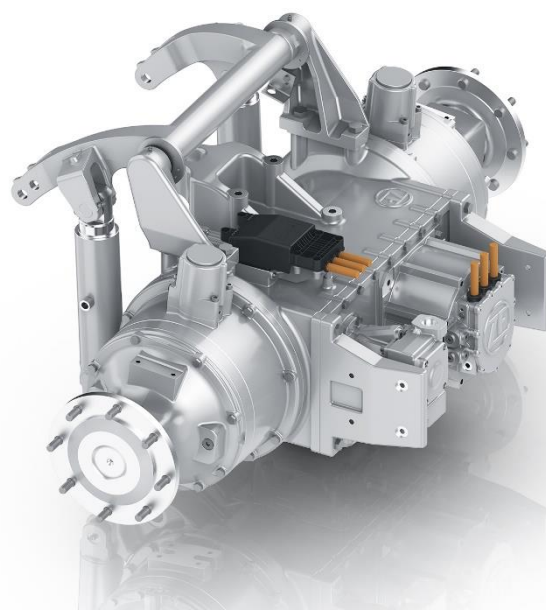
Electric Transaxle ZF eTERRADrive

Currently in prototype development, ZF's electric TERRADrive (eTD) represents a forward-looking drivetrain technology for the next generation of agricultural machinery.

This modular, highly integrated axle system combines traction, PTO, and hydraulic functions in a compact design. Featuring two oil-cooled synchronous motors and an integrated planetary gear set with differential function, the eTD eliminates the need for complex mechanical transmissions.

Compared to electrified conventional standard tractor drivetrains, it offers superior energy efficiency, reduced maintenance, and greater flexibility for integration across various tractor platforms. The eTD enables scalable, zero-emission operation without compromising performance or functionality – making it a future-ready solution for a more sustainable agriculture.

- Fully electric transaxle system for agricultural tractors
- Designed for tractor range from approximately 60 to 100 kW
- Modular and highly integrated design
- Combines traction, power take-offs (agricultural mechanical PTO and working hydraulics), and rear lift in one compact unit
- System enables recuperation equal to driveline power
- Compact design allows flexible installation across various vehicle platforms



eTD 11

| Vehicle Data | eTD 11 |
|---------------------------|------------------------------|
| Tractor range [kW] | 100 |
| Vehicle speed max. [km/h] | 50 |
| Gross vehicle weight [kg] | 8.500 |
| SRI max. [m] | 0,8 |
| PTO | 540;540E;1000;1000E variable |