



ZF in Mobile Excavator

The wheel drive enables a rapid change of position without disturbing the substrate. Easy tool changing makes the mobile excavator into a multifunction working machine which however needs to be moved precisely. Along with the skill of the excavator operator, well-conceived mechanical driveline technology is required to provide smooth movements when swiveling and braking.

With the ZF driveline technology high power transmission and millimeter positioning are perfectly combined. Depending on the application, the axles are in this respect stressed differently. In tight construction sites a precise response of the steering axle should also support accurate positioning.

HL Series

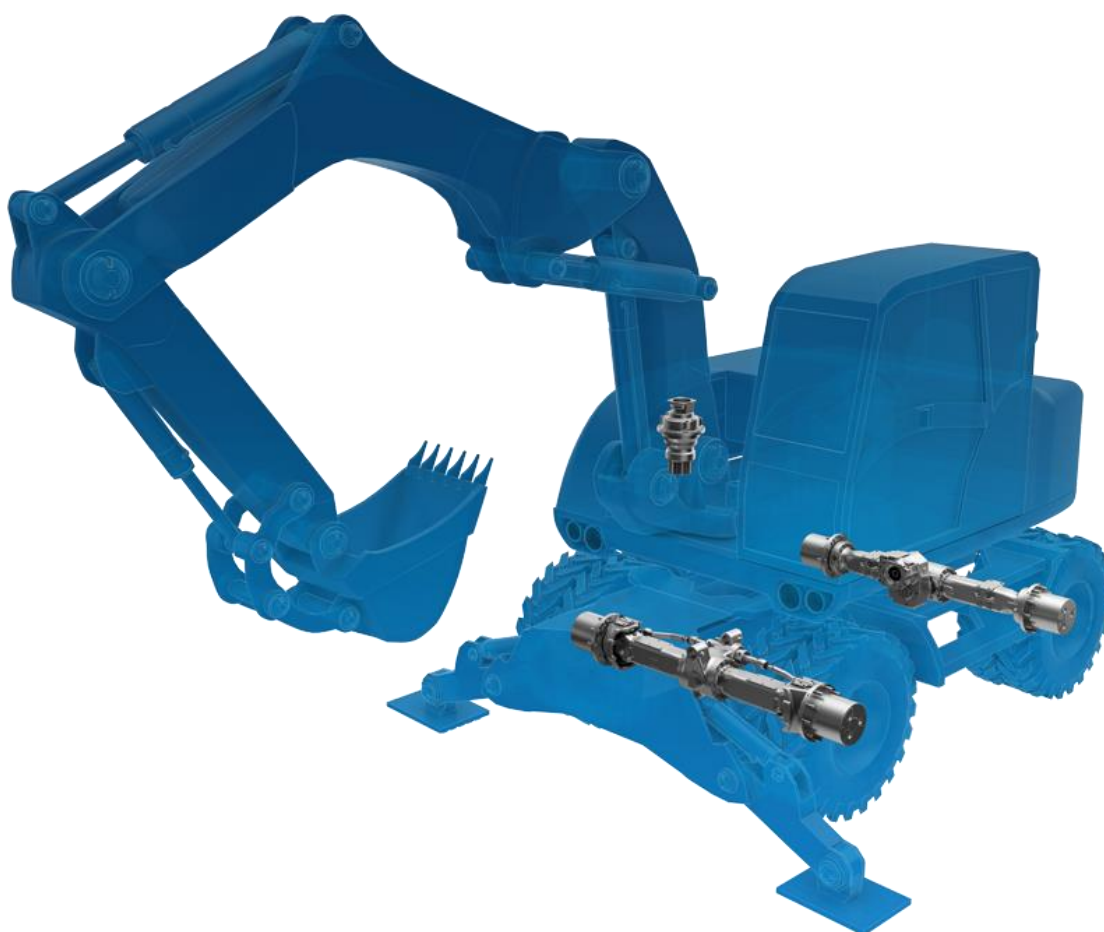
- ZF is opening up higher versatility and significantly increased power ranges to modern mobile excavators
- Latest product range of HL Series for mobile excavators offers a large number of advantages in three power classes

MULTISTEER / MULTITRAC

- ZF is offering optimum solutions for applications in the toughest operating conditions
- Axles are intended for excavators with a weight of 13 to 25 tons
- Huge output torque of up to 73,000 Nm
- Axles withstand extreme stress levels
- 4-wheel steering for up to 20 t available



ZF Driveline Technology for Mobile Excavators



Product and performance classes

Empty vehicle weight ¹⁾	Front axle	Rear axle	Transmission	Input torque max.	Swing drives
Class up to 15,5 t Class up to 34,200 lbs	MS-E 3050 II	MT-E 3050 II	HL-250	550 Nm 400 lbf ft	DR 140
Class up to 20 t Class up to 44,100 lbs	MS-E 3060 II	MT-E 3060 II	HL-270	770 Nm 570 lbf ft	DR 250
Class up to 25 t Class up to 55,100 lbs	MS-E 3070 II	MT-E 3070 II	HL-290	950 Nm 700 lbf ft	DR 350

1) Empty vehicle weight without additional equipment