



## ZF in electric counterbalanced forklift trucks and GSE application

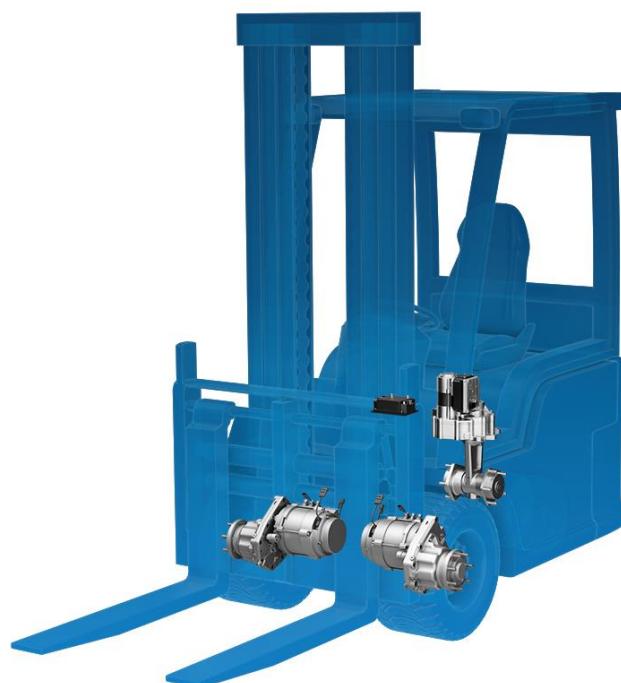
The ZF eTRAC GP family offers electrically powered dual drive systems for three- and four-wheel counterbalanced forklifts with a lifting capacity of up to 5 tons. These solutions are also applicable for Ground Support Equipment like baggage or tow tractors.

Comprehensive product portfolio options enable versatile truck platform designs.

20 years of experience in production proves durable and reliable product design.

### eTRAC GP-Series: Dual-motor drives

- High maneuverability and performance due to dual motor drive system
- High efficiency due to regenerative e-braking
- Integrated service and parking brake available
- Low noise level
- Optimally protected against environmental influences



## Product and performance classes

	GP19	GP25	GP27	GP35	GPA35	GP50
<b>Max. wheel load [kg] *</b>	2,500	2,850	3,000	4,500	4,200	6,500
<b>Acceleration/deceleration torque [Nm] *</b>	+/- 1,300	+/- 1,800		+/- 3,000		+/- 6,200
<b>Max. wheel torque [Nm]</b>	**					
<b>Max. wheel dimension [``] *</b>	18		21	23		28-30
<b>Ratio</b>	26.61	22.07; 26.75		24.97		29
<b>Transmission technology</b>	1-speed 2 stage gear set					
<b>Motor Power, S2-60 [kW]</b>	4	5	10	2x8	**	
<b>Max. motor speed [1/min]</b>	5,000					**
<b>Motor technology</b>	Asynchronous, 3 phase					

\* Note: The figures above are only indicative, based on testing and simulative results for typical material handling application.

\*\* Figures on request