



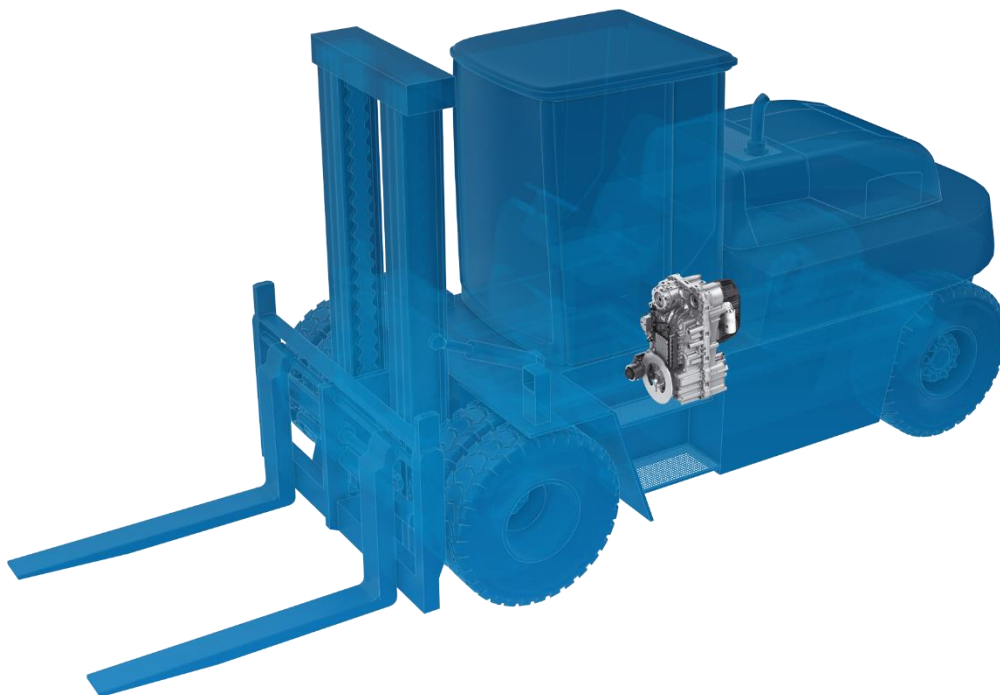
## ZF in Diesel/Gas forklift trucks and GSE/harbor applications

A trend towards lower engine speeds and the demand for engine stabilization by a constant speed concept are the future challenges. Initially designed for construction machinery, the continuously variable transmission cPOWER from ZF meets both requirements.

With the development of the cPOWER transmission, ZF follows a rising demand for continuously variable transmissions also in the material handling market.

### **cPOWER: CVT technology**

- Continuously variable drive over complete drive range forward and reverse
- Smooth, hydraulic start due to continuously variable power-split technology
- High efficiency through low engine speeds, independent of vehicle speed
- Up to 25 percent less fuel consumption
- Also available for Construction Machinery, Forestry and Grader



## Product and performance classes

| Empty vehicle weight <sup>1)</sup>            | Gear selection | Transmission | Engine power max. |
|---|----------------|--------------|-------------------|
| Class up to 14,5 to<br>Class up to 32,000 lbs | ES1C (CAN)     | CP190        | 150 kW            |
| Class up to 15,5 to<br>Class up to 34,200 lbs | ES1C (CAN)     | CP210        | 175 kW            |
| Class up to 17,5 to<br>Class up to 38,600 lbs | ES1C (CAN)     | CP210        | 175 kW            |
| Class up to 19,5 to<br>Class up to 43,000 lbs | ES1C (CAN)     | CP230        | 190 kW            |
| Class up to 21 to<br>Class up to 46,300 lbs   | ES1C (CAN)     | CP230/CP260  | 190 kW / 210 kW   |
| Class up to 24,5 to<br>Class up to 54,000 lbs | ES1C (CAN)     | CP260        | 210 kW            |
| Class up to 26 to<br>Class up to 57,300 lbs   | ES1C (CAN)     | CP290        | 250 kW            |
| Class up to 28 to<br>Class up to 61,700 lbs   | ES1C (CAN)     | CP290/CP310  | 250 kW / 260 kW   |
| Class up to 31<br>Class up to 68,300 lbs      | ES1C (CAN)     | CP310        | 260 kW            |
| Class up to 35<br>Class up to 77,200 lbs      | ES1C (CAN)     | CP330        | 285 kW            |

1) Empty vehicle weight without additional equipment