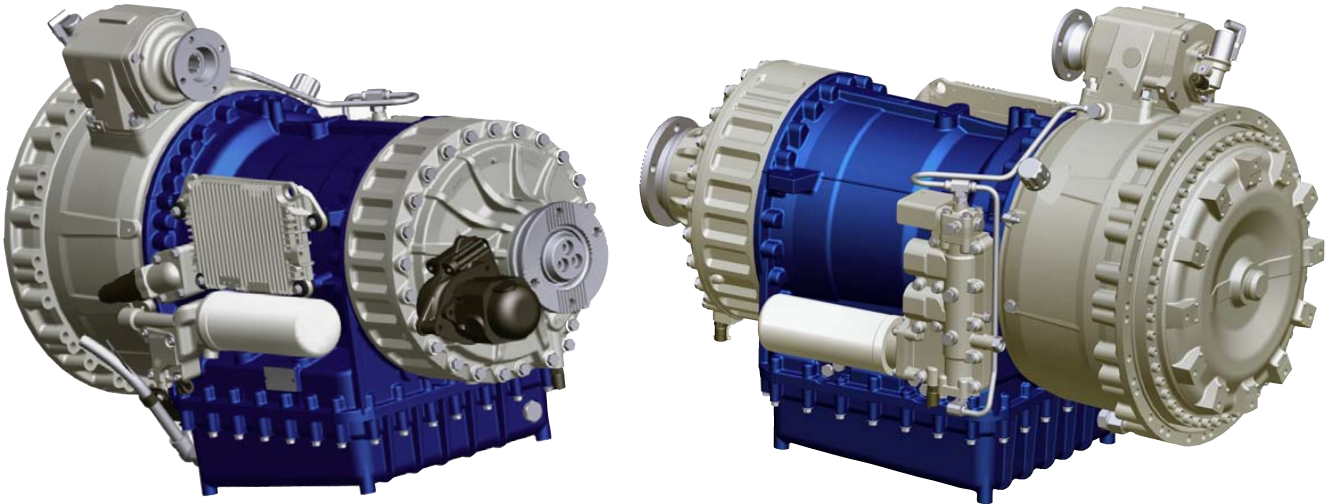


**FACTSHEET - GEARBOX PT2606**



**GEARBOX PT2606**

**PT2606 is a 6-speed fully automatic planetary gearbox with the possibility of manual gearchanges. PT2606 is dimensioned for engine torque of 600 Nm.**

Powertronic PT2606 is specially developed for heavy transport operations. It offers smooth, gentle gearchanges without any interruption in power delivery and permits safe starts even in difficult conditions. This makes it ideal for demanding construction applications and urban transportation duties characterised by frequent stop-start driving. PT2606 has an efficient control system and well-adapted gearchange strategies. The gearbox has long oil change intervals. If special oil is used, the oil needs changing every 200,000 km or every two years.

PT2606 consists of a hydraulic torque amplifier with lock-up, a number of planetary gears with multiple disc brakes and clutches that lock to the various parts of the planetary gear. The gearchanging functions are completely electronically controlled and monitored via control units for the gear selector and the gearbox, integrated in the truck's electronic system.

The torque amplifier is robustly designed to match the engine's torque, offering excellent pulling power and hill-climbing ability. The torque amplifier steps up the engine's torque and in this way provides excellent starting traction. It also absorbs all snatch in the driveline when starting off from standstill. The torque amplifier is equipped with automatic lock-up that locks the impeller and turbine wheel to each other. This lock-up is activated on all gears and offers a high efficiency rating, low fuel consumption and low running costs.

**FEATURES AND BENEFITS**

- Smooth gearchanges without interruption in power delivery, both in fully-automatic and manual modes
- Good starting traction even in difficult operating conditions
- The driver can adapt the driving program to the prevailing road conditions
- Automatic lock-up in all gears
- Electronic control allows advanced diagnostics and fault-tracing
- Long oil change intervals allow increased access
- Power take-off as an option
- Integrated retarder as an option