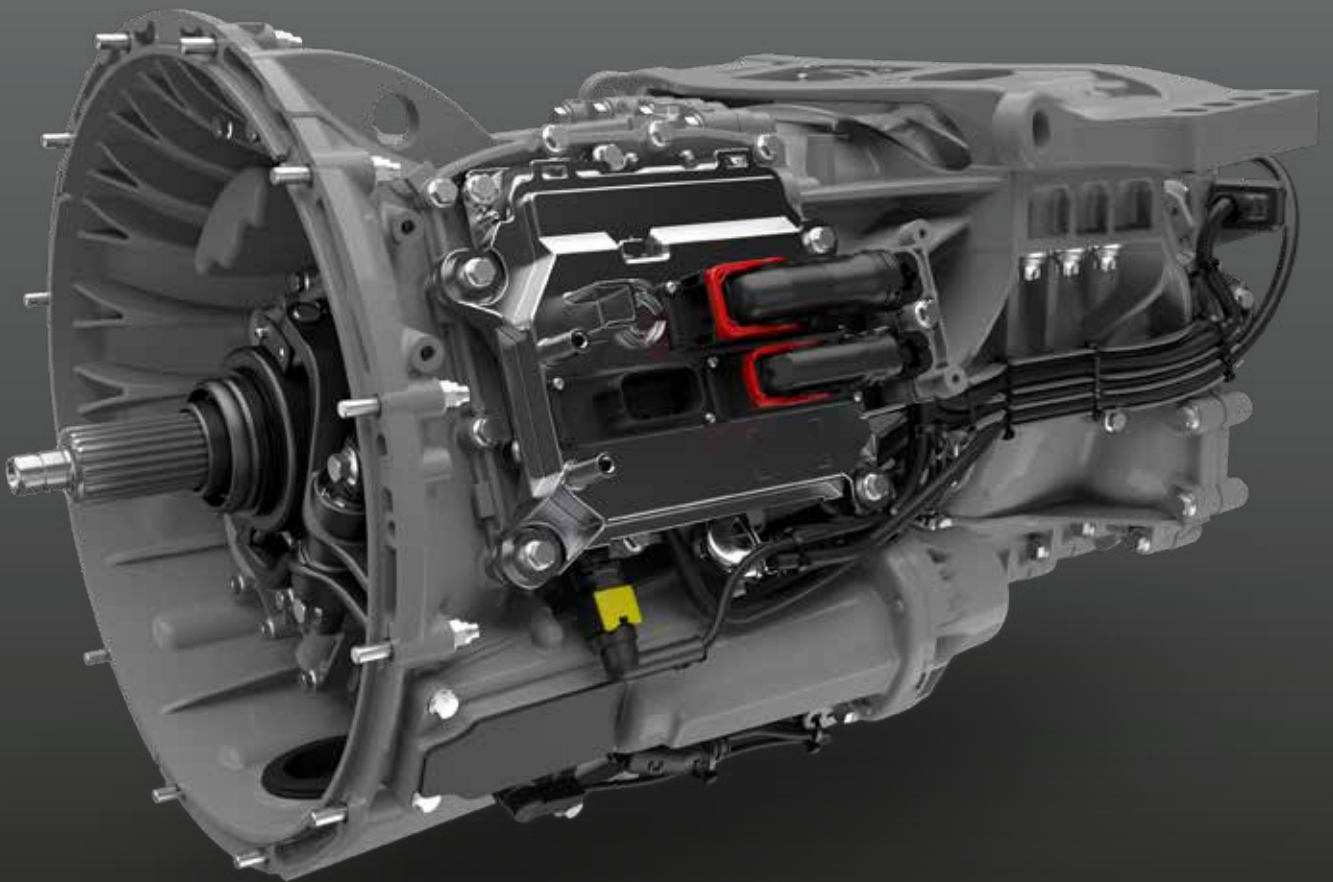


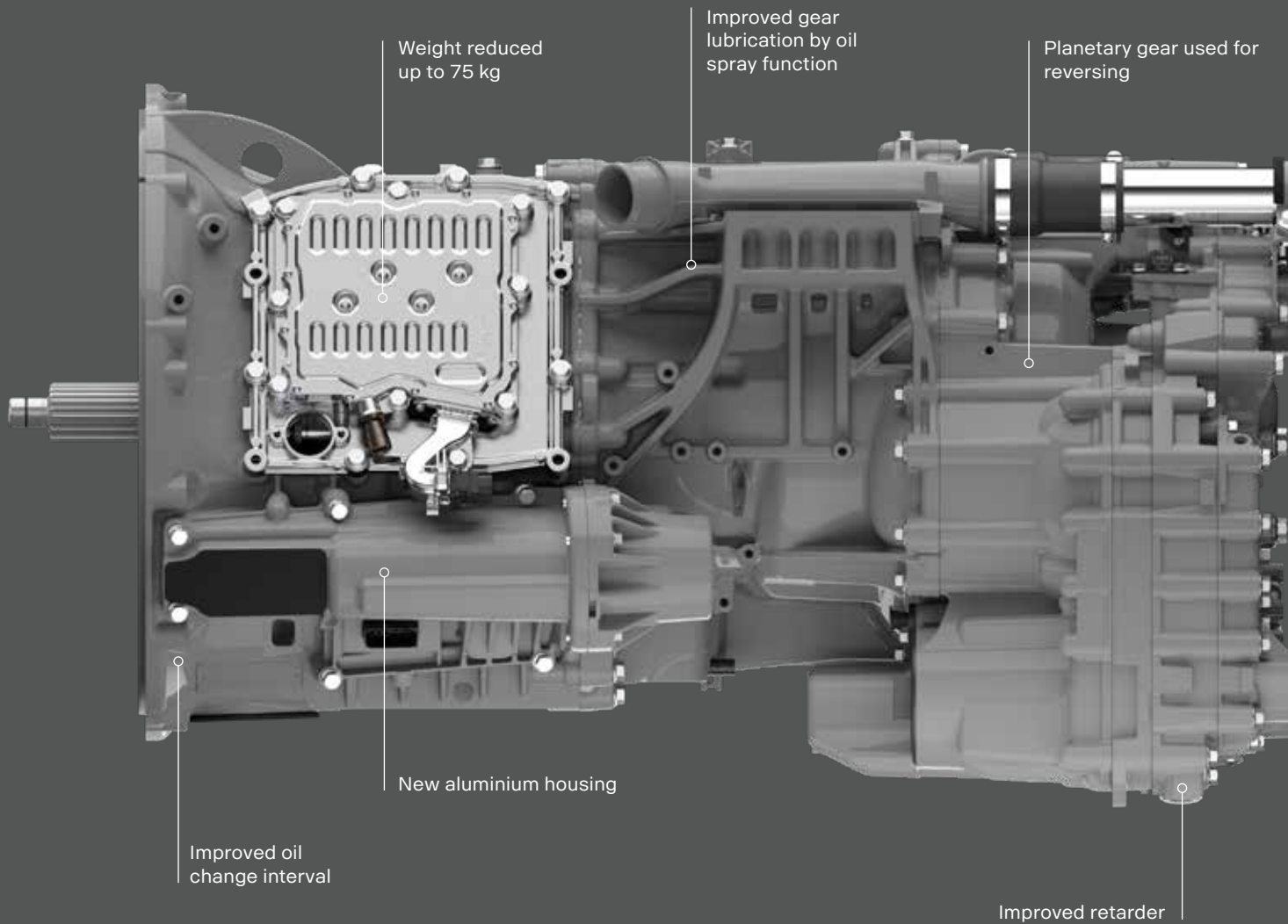
SCANIA



SCANIA OPTICRUISE GEARBOX G25 & G33

PERFORMANCE ON A NEW LEVEL



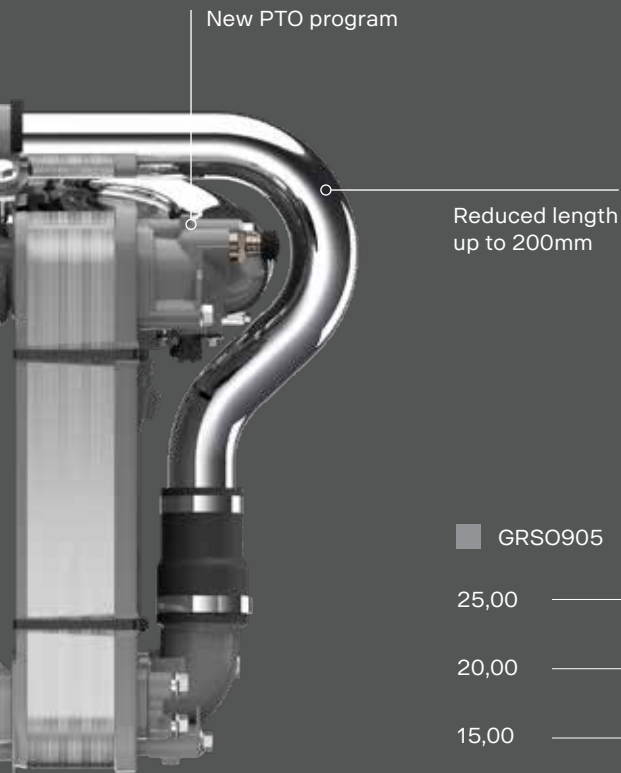


A NEW BENCHMARK FOR GEARBOX EFFICIENCY

Industry-leading engine performance demands a highly-efficient gearbox.

The Scania Opticruise gearbox range, now available in two performance steps, is a critical enabler of the powertrain's superior fuel efficiency.

Delivering an almost seamless transfer of power through a wider gear ratio spread and lower internal friction, the Scania Opticruise G25 and G33 set the highest industry standard for gearbox performance. Together with improved overall robustness, the Scania Opticruise remains the leading choice for sustainable, fuel-efficient transport operations.

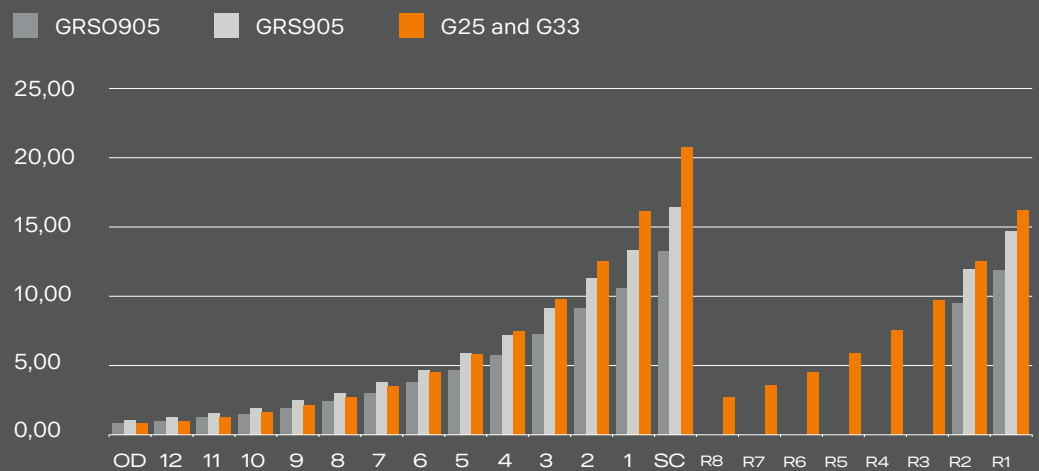


Unrivalled startability and fuel efficiency

The introduction of the Scania G25 and G33 means that transport leaders no longer need to compromise on startability or fuel efficiency when choosing gearbox for their operations.

The two gearboxes G25 and G33 are identical in regards to the technical build up but are adapted to different engine torques. With a wider gearing, the new gearboxes enable the Scania low-rev cruising philosophy with impressive fuel savings when compared to existing best-in-class alternatives.

We offer 14 forward gears, including a super crawler and overdrive gear, as well as up to 8 reverse gears with improved driveability. This opens up a wider range of possibilities for many applications.



Improved gear options

Based on a wider and more efficient 14-gear ratio, the control system of the Scania Opticruise G25 and G33 will automatically select the optimum gear for every driving situation. The new Opticruise performance steps, with super crawler and overdrive as standard, are engineered to support a higher torque at lower engine rpm—delivering lower fuel consumption. The Scania Opticruise also delivers improved reversing performance, featuring four automated-shift reverse gears as a standard, with the option of eight reverse gears in total.

Outstanding efficiency

Through a new variable oil volume and oil spray system, the Scania Opticruise G25 and G33 offer improved oil-flow distribution, ensuring less internal friction and contributing to reduced internal losses by 50%.

Quieter, lighter, more compact

Through a compact design and low weight cast aluminium housing, the Scania Opticruise G25 and G33 are up to 75 kg lighter than the Scania GRS905 predecessor. Thanks to an improved design, the new range becomes Scania's quietest gearbox platform yet – lowering sound levels by 3.5 decibels.

Superior uptime

Through higher precision engineering and the use of larger oil filters and high-quality oil, the Scania Opticruise G25 and G33 offer an extended oil change interval. This is supported by additional maintenance improvements, such as oil level sensors that detects possible oil leakage, and oil temperature sensors that creates a monitoring function.

Improved driveability

The Opticruise gearbox is equipped with a robust management system which is designed to adapt to the current vehicle operation to enable smoother gear shifting, lower fuel consumption and a more comfortable driving experience.

Improved retarder performance

The hydraulic auxiliary brake is enhanced through improved retarder performance, ensuring a maximum brake torque of 4700 Nm. When not in use, the Scania retarder can be disengaged to improve the powertrain's efficiency.

Improved pto performance

The Scania Opticruise G25 and G33 introduce a more powerful, fuel-efficient, low-noise and low-weight clutch-driven power take-off (PTO) range, delivering even higher continuous power output and supporting heavier equipment together with one pump and five different flange interfaces.

