

LP 560

Air compressors



High pressure for more efficiency

Our air compressors specially developed for commercial vehicles are the leading technology worldwide thanks to their two-stage compression with intermediate cooling. Compared with single-stage air compressors, this allows for much higher output in delivery mode with significantly lower energy consumption. And even in non-delivery mode, our air compressors with innovative technologies ensure maximum energy efficiency and low-emission operation of the respective vehicles.

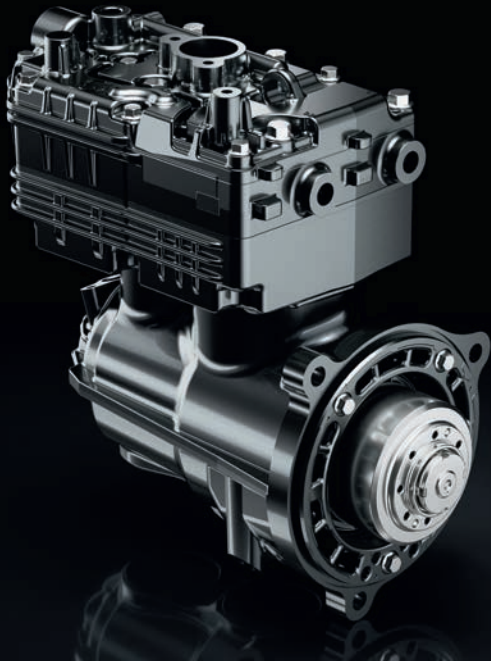
The economical and especially eco-friendly design of the LP 560 has been well thought out down to the smallest detail. This includes features like the extra lightweight high-pressure die-cast aluminum housing, allowing a higher payload thanks to its lower weight while offering better corrosion protection and optimum heat transfer. However, the heart of the LP 560 is the TwinSave technology, which reduces the drive power and enables significant savings in energy consumption and CO₂ emissions. The same applies to the innovative dual-taper coupling, which additionally reduces CO₂ emissions by around 30%.

The key advantages of the LP 560

- Low power uptake in non-delivery mode thanks to innovative idling system
- Long duty cycles courtesy of innovative cooling concept
- Significant weight reduction due to die-cast aluminum for higher payload
- Fuel savings of up to 1 liter/100 km
- Energy recovery in braking and coasting mode

LP 560

Technical data



Idling system, clutch, fixed drive, e.g., for auxiliary units*

▪ Cylinders	2	▪ Cylinder displacement	560 cm ³
▪ Compression	Two-stage	▪ Max. pressure	15 bar

* Fixed drive only possible in conjunction with idling system, not possible with clutch.

Duty cycle up to

85 %

Possible operating pressure

15 bar

Compression temperature

< 250 °C