High-pressure pump CPN6
for heavy-duty commercial vehicles, on- and off-highway

Customized variants for a wide variety of applications

- Up to 2,500 bar system pressure for efficient combustion
- Customized configurations allow a whole range of different applications
- High hydraulic efficiency through fuel lubrication
- Enhanced robustness through oil lubrication
- Up to 500,000 start/stop applications support hybrid operation

The CPN6 high-pressure pump is based on the heavy-duty Bosch common-rail pumps, which have been produced in millions of units. Designed for heavy-duty applications, the pump handles pressure levels from 1,800 to 2,500 bar and is used for both on- and off-highway.

The variants tailor-made for each segment differentiate themselves regarding lubrication concept, fuel pre feed, fuel metering and maximum delivery quantity.