A PF pump with a mechanical nozzle holder assembly is used for each engine cylinder to inject the fuel.

The robust design allows operation of the nozzle holder with a large selection of fuel types.

The nozzle holder assembly is selected to match the delivery rate, spray form and injection pressure.

In the single-cylinder pump system, the nozzle holder assembly can be adapted to different engine sizes and outputs.

Precise fuel injection into the combustion chamber

- up to 1,800 bar injection pressure for efficient combustion
- up to 20,000 h of reliable operation due to robust design