The oil-lubricated CP9 high-pressure pump delivers the fuel into the piping system leading to the injector under high pressure.

The CP9 is a highly successful common-rail pump on the large engine market. It has a modular construction and can be adapted to meet the engine’s requirements.

The CP9 is suitable for pressure levels ranging from 1,600 to 2,200 bar.

The CP9 consists of up to five high-pressure elements, each integrated in a housing with separate camshaft. The pump camshaft is driven by the engine and moves the pump piston to generate the required high pressure.

Under high pressure to the injector

- up to 2,200 bar system pressure for efficient combustion
- up to 20,000 h lifetime due to robust design