Unit pump

Unit pump for large engines

With high pressure, the unit pump ensures excellent mixture preparation and combustion of fuel with specific high performance.

This contributes towards compliance with emission guidelines and a reduction in fuel consumption.

A fuel pump (injection pump) is fitted for each engine cylinder. The pump piston is fitted in the pump cylinder with such precision that high injection pressure is guaranteed, even at low speeds. The 2/2-way valve provides the full range of functions.

Electronically controlled – quick, continuous adjustment of the injection quantity is therefore possible

- With high pressure, the unit pump ensures excellent mixture preparation and combustion of fuel with specific high performance.
- This contributes towards compliance with emission guidelines and a reduction in fuel consumption.
- A fuel pump (injection pump) is fitted for each engine cylinder. The pump piston is fitted in the pump cylinder with such precision that high injection pressure is guaranteed, even at low speeds. The 2/2-way valve provides the full range of functions.

up to

1,800 bar

of injection pressure for efficient combustion

up to

20,000 h

of reliable operation due to robust design