The robust unit injector has an integrated high-pressure pump and injects the right amount of fuel required for efficient combustion into the cylinder.

The advantage of the unit injector system is that there is no high-pressure line between the high-pressure pump and injection nozzle.

The injection start and quantity are determined by the fast switching solenoid valve, although these variables can be freely selected in the program.

For large engines > 2.5 l/cyl.

Electronically controlled, therefore possible to adjust the injection quantity quickly and continuously.

up to 1,800 bar of injection pressure for efficient combustion

up to 20,000 h of reliable operation due to robust system design