

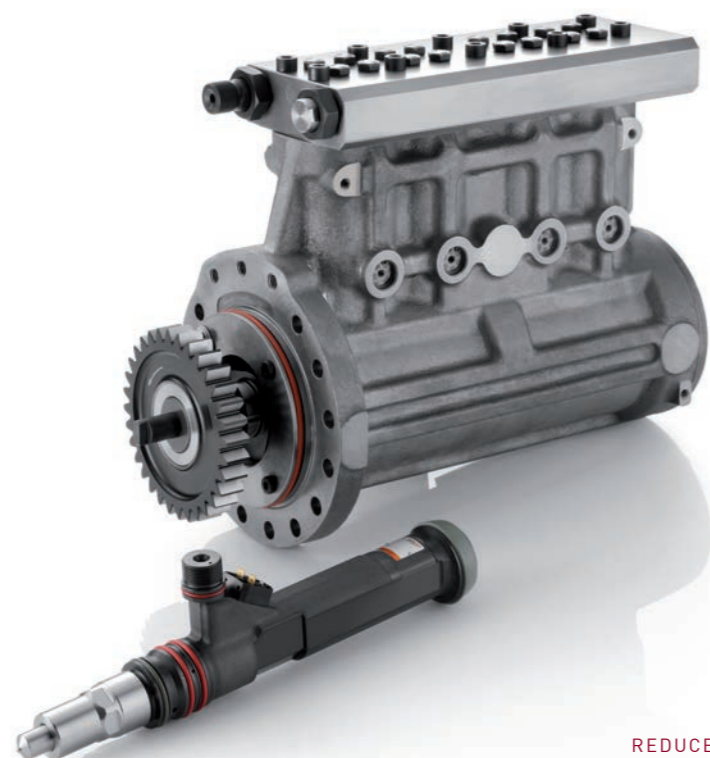
COMMON-RAIL SYSTEMS

FOR DIESEL AND HEAVY FUEL OIL:
LOW EMISSION - LOW FUEL CONSUMPTION

LEADING ENGINE MANUFACTURERS WORLDWIDE PLACE THEIR TRUST IN OUR EXPERTISE

High-quality engines increasingly rely on common-rail fuel injection. The main benefit of this injection type is that fuel can be injected into the combustion chamber at any desired pressure and that the injection can be timed to the microsecond, independently of the engine's operating cycle. Due to our modular design, we are able to offer our common-rail systems for the most varied engine types. We provide common-rail systems for engine sizes from 100 to 3,920 kW/cylinder. The systems are suitable for heavy fuel oil and diesel.

Our customers trust in our outstanding expertise in design, development and serial production processes.



REDUCED EXHAUST AND NOISE EMISSIONS,
LOWER FUEL CONSUMPTION, OUTSTANDING
RELIABILITY AND DURABILITY ARE THE RESULT
OF OUR DEVELOPMENT EXPERTISE.



THE COMPONENTS:

PUMPS

- 2 or 4 cylinder inline pumps
- Up to 30 l/min fuel output
- Pressures up to 2,500 bar

RAILS

- Classic rails for fuel storage under high pressure
- Mini rails as component carriers or distributor lines
- Jumperline distribution system

INJECTORS

- Solenoid operated
- Multiple injection capabilities (pre, main and post injection)
- Time-controlled injection
- Integrated accumulator, optional
- Optimized spray hole configuration for best results regarding emissions and fuel consumption

SAFETY / ADD-ON COMPONENTS:

- Pressure-limiting safety valve assures maximum pressure limit
- Flow-limiting valves prevents unintentional fuel outflow or overfuelling
- Spill valves flush system during short engine shutdowns
- Pressure relief valves for emergency engine stop and fast system pressure relief

YOUR BENEFITS:

- Reduced exhaust and noise emissions
- Lower fuel consumption
- Robust design to reach highest service life expectations
- One supplier for all components
- High precision and reliable products
- Technical support from concept development to aftersales service
- Leading engine manufacturers (OEM) trust in our products

CONTACT OUR
SALES TEAM AT:
SALES.LORANGE@WOODWARD.COM
WITH ANY
QUESTIONS



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ALWAYS INNOVATING FOR A BETTER FUTURE

Woodward, Inc.

Corporate Headquarters

1081 Woodward Way, Fort Collins Colorado 80524, USA

www.woodward.com

Woodward L'Orange GmbH

Porschestrasse 8, 70435 Stuttgart, Germany

sales.lorange@woodward.com

www.woodward.com/wlo

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THIS PRODUCT IS PRINTED ON 100% RECYCLED MATERIAL.