

ONE PARTNER. MULTIPLE SOLUTIONS.

PROVEN

With decades of power generation innovation. A multi-million dollar industry investment. More OEM component and system solutions than anybody else. New, evolving technologies. Customized system design. Local distributor support. And corporate procurement solutions.

A Team of Energy Experts

Available around the world to discuss your energy needs. Whether for emerging projects or plant evaluations, our experts will work collaboratively to help you meet your goals through the latest technology advances and engineered solutions. Contact Parker Energy Experts for support in the following areas:

- OEM engineered systems and components
- Auxiliary systems and components
- Global aftermarket

From Components to Systems

Our wide range of products allows us to offer you value-added solutions, whether single products or complete systems. These solutions can include:

- Kitting and pre-assemblies
- Hose assemblies and pipe bending
- System engineering
- Customized systems, power units and manifold blocks
- In-house fabrication
- Field service

Our wide network of dedicated distributors offers you all the benefits of "one-stop shopping," including breadman services and inventory sharing.

Faster Development

Concept through production. Our state-of-the-art modeling and simulation tools and processes improve new product performance while reducing development time and cost. They include:

- Finite Element Analysis (FEA)
- Simulation testing
- 3-D modeling
- Precision molding technology
- Materials development

Collaborate

Concept

Design

Prototype

Test and Refine

Manufacture



Ongoing Sustainability Initiatives

Our advanced technologies can improve emissions performance. Minimize waste. Meet environmental regulations. Monitor air and water quality. Extend operating life. And help create greater fuel efficiency.



More Global Locations

Numerous facilities worldwide, allowing us to anticipate and answer global market demands.



Parker Worldwide

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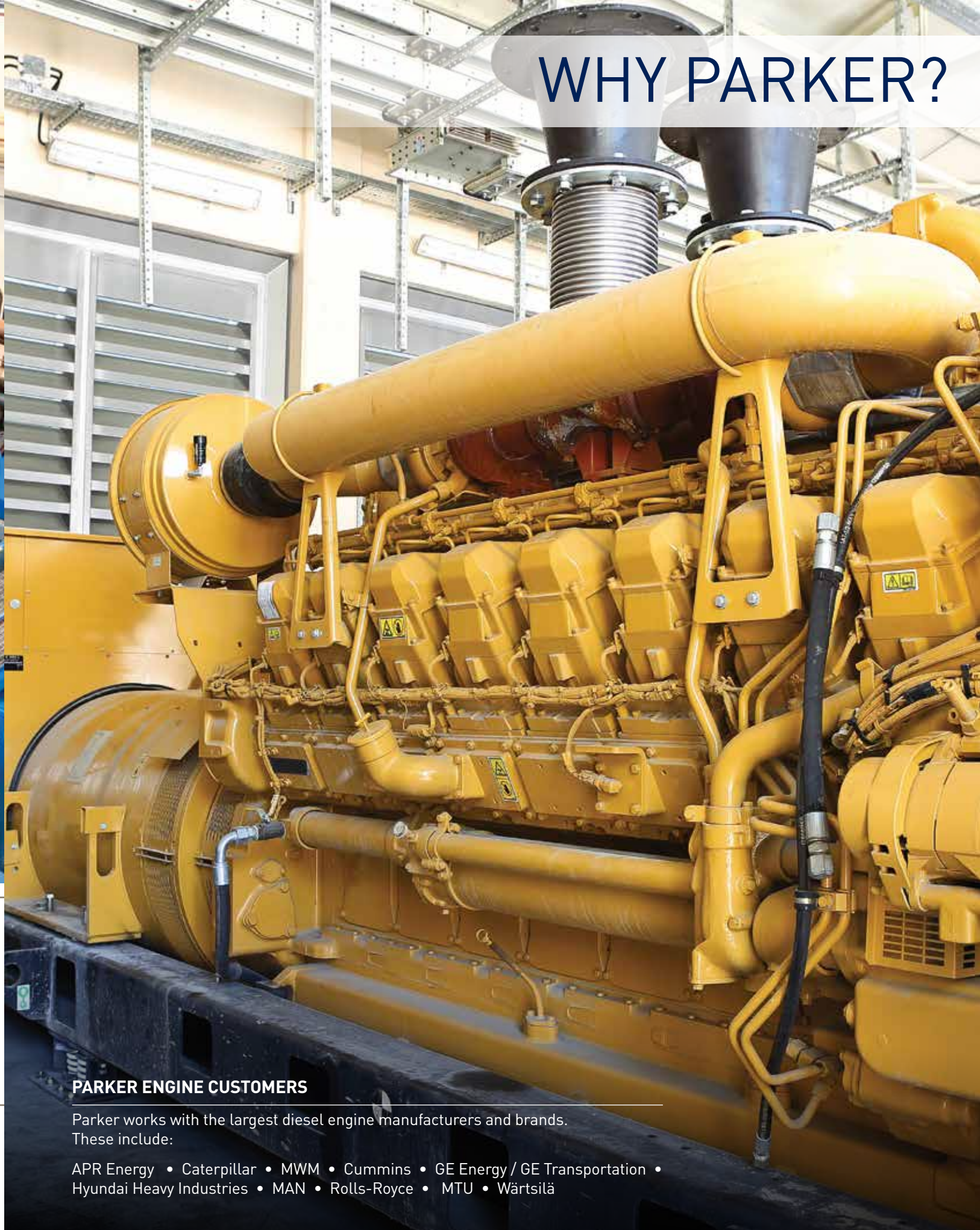
Parker Solutions for Reciprocating Diesel and Multi-Fuel Engines

Engineered to provide maximized life cycles for large engine applications



ENGINEERING YOUR SUCCESS.

WHY PARKER?



PARKER ENGINE CUSTOMERS

Parker works with the largest diesel engine manufacturers and brands. These include:

APR Energy • Caterpillar • MWM • Cummins • GE Energy / GE Transportation • Hyundai Heavy Industries • MAN • Rolls-Royce • MTU • Wärtsilä

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Stationary Reciprocating Diesel Engines MK 4/19

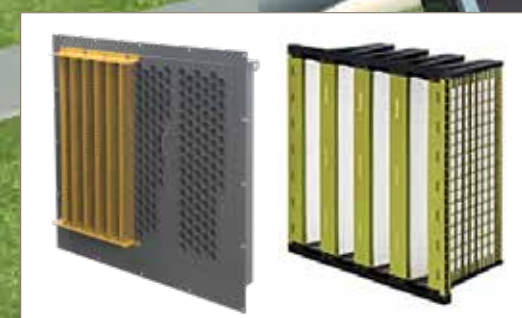


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Parker in Diesel Engine Applications: Systems Capability Across the Broadest Range of Applications for the Best Technical Solutions



EMISSIONS REDUCTION



AIR INTAKE FILTRATION



CONNECTORS AND FLANGES



LUBRICATING OIL AND LIQUID FUEL CONDITIONING UNITS



PIPING SYSTEMS AND COMPONENTS



OFF-LINE OIL CONDITIONING UNITS



WATER TREATMENT



PLANT LEVEL FUEL GAS TREATMENT SYSTEMS



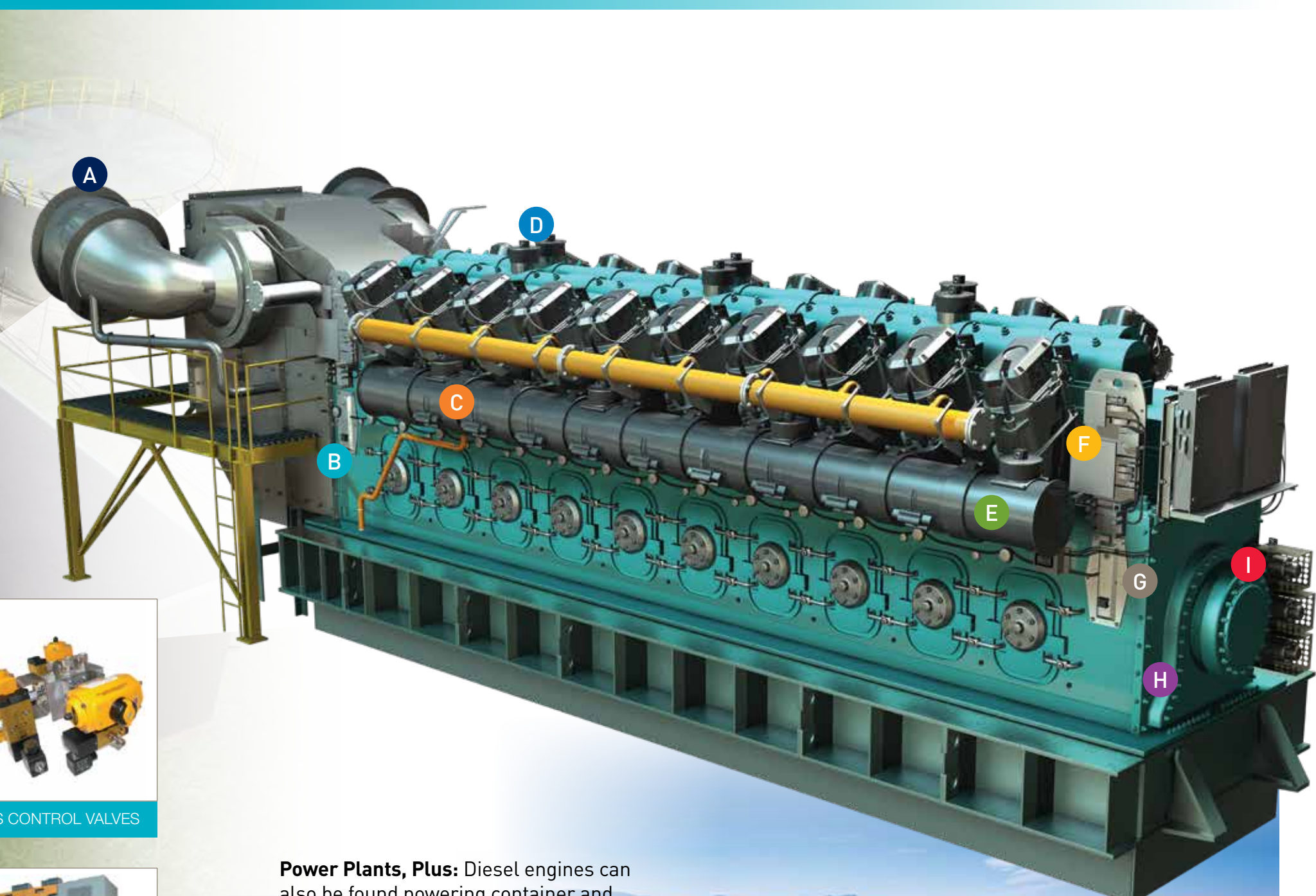
INSTRUMENTATION AIR TREATMENT



GAS CONTROL VALVES



ELECTRONIC DRIVES



Power Plants, Plus: Diesel engines can also be found powering container and passenger ships, offshore supply vessels, tankers and locomotives.



A Flex Joints



B Hydraulic Pumps

- Piston pumps
- Vane pumps
- Gear pumps
- Gerotor pumps



C Engineered Materials

- Press-in-Place gaskets
- Composite seals
- Valve stem seals
- Fuel system seals
- Integral seals
- Resilient metal seals



D Filtration

- Gas safety filters
- Pilot and main diesel filters
- Duplex fuel filter / water separator
- Lubrication oil filters
- Crankcase filters
- Heavy fuel oil filters



E Sensors

- Pressure controllers, sensors and switches
- Temperature controllers, sensors and switches
- Flow sensors and switches
- Level controllers and switches
- Differential pressure sensors and switches
- Oil condition sensors
- Moisture sensors



F Engine Control Systems

- Customized local display units
- UNIC modules
- Cylinder control modules
- Fuel control modules



G Engine Condition Monitoring

- Off-line monitoring of the oil quality
- Online wear metal detectors
- Online particle detectors
- Online moisture sensors
- Online fluid condition sensors



H Hydraulic Components for Valve and Fuel Oil Actuation and Control

- High speed valves
- Dampers
- Accumulators
- Manifold blocks



I Fluid Connectors

- Flanges
- Adapters
- Thermoplastic and metal hose and hose assemblies
- Piping systems - F37® - Pipes and tube clamps
- Valves - Pneumatic - Industrial (EO check valves) - Hydraulic control
- DIN and SAE fitting systems - EO - EO2 - EO2-Form - EO3® - T-Lok (JIC) - O-Lok® (ORFS in steel and stainless)
- High and low temperature connectors