



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Onshore Oil and Gas

For Mobile Applications



ENGINEERING YOUR SUCCESS.

The Onshore Oil and Gas Market

Parker offers a wide variety of leading mobile products for the toughest onshore oil and gas applications.

Parker is committed to supplying products that meet the ever increasing demands of onshore energy recovery.

Today's onshore Oil & Gas industry is moving toward smarter machine control to



VP/VPO/VPL Series Valves

Parker's Pulsar Series valves are well suited for high pressure applications where EH Proportional XP operation is required. These directional control valves are used in hazardous environments in oil and gas applications; providing industry-leading performance while being the first to market EH proportional control valves in this market. There is a transition casting that enables both Series to be combined into one assembly.

- VPL Series 30 GPM @ 5000 PSI
- VP/VPO Series 55 GPM@4000 PSI

reduce labor and improve operator safety.

Customers can rely on Parker to provide solutions to improve rig equipment productivity with the following features:

- Automation of pipe loading functions

- Proportionally control the torque requirements to extend tube life
- Provide electrohydraulic proportional explosion proof operation for fine metering control



Coiled Tubing Unit



Integrated Manifold with 4 sectional valves



Pipe Handler/Catwalk

Custom Manifolds

Custom manifold solutions can be designed around specific customer requirements. Components are combined in an efficient package for use in areas such as:

- Pipe Handling
- Refrac Trucks
- Automated Torque Wrenches
- Drill Rigs



Series V10, V20, V90,
VA/VG20, VA/VG35

Parker has a full line of open-center valves that are used on cranes, stabilizers and some of the less complex functions. These valves accommodate flows from 10-110 GPM and pressures to 3500 PSI.

Features:

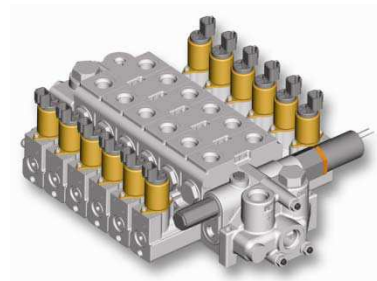
- Low pressure drops
- Custom metering spools for optimum function control and productivity
- Outstanding relief valve performance
- Long life and durability
- Sectional designs offer easy servicing
- Available spool positioners are manual, hydraulic-remote and electrohydraulic



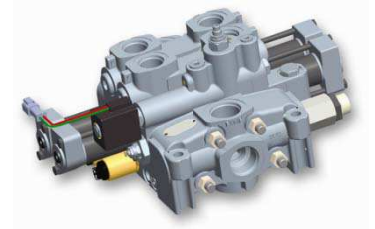
VA20 Sectional Valve



V90 Sectional Valve



V20EH Sectional Valve



VG35EH Sectional Valve



V20 Sectional Valve



PCL Hydraulic Controller

PCL Hydraulic Proportional Remote Control Valves provide the customer with precise control of directional valves. The rugged design is well suited to tough environments where hazardous conditions dictate nonelectrical control.

Both hand and foot operated options, and multiple levers are available.

The robust and simple construction provides reliable and repeatable performance. This hydraulic control unit can control up to 4 GPM at pressures up to 1450 PSI.



Proportional Solenoids

Parker offers a true digital controlled solenoid that provides superior fine metering.

- 12 & 24 VDC
- Hysteresis <3%
- Various length cables
- 20 Year Proven track history
- ATEX Approved



Well Service Rig



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