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aerospace
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pneumatics
process control
sealing & shielding



Smart Performance

Efficiency for sequential applications
Modular Load Sensing Valves
Series F130 and P70



European Product Information Centre

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US Product Information Centre

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The ultimate cost/performance compromise!

Open Centre technology taken to the limits!

Often when designing mobile hydraulic systems, cost considerations override desired performance, functionality and ergonomics. A high-tech load sensing system would be better in many ways, but the budget just won't stretch that far.

That is when Parker's new F130LS and P70LS valves come to the rescue. Based on a proven, economical, open centre thoroughbred technology, it enables many of the advantages of a load sensing system at a fraction of the cost.

Load sensing advantages on a budget

Without separate compensator, the F130LS and P70LS achieve simultaneous function operation capabilities through our extensive spool design know-how for pilot operated valves. The P70 and F130 in their load sensing version is a top-of-the-line complement to existing open centre based machines on the market.

Lower running costs, longer service life

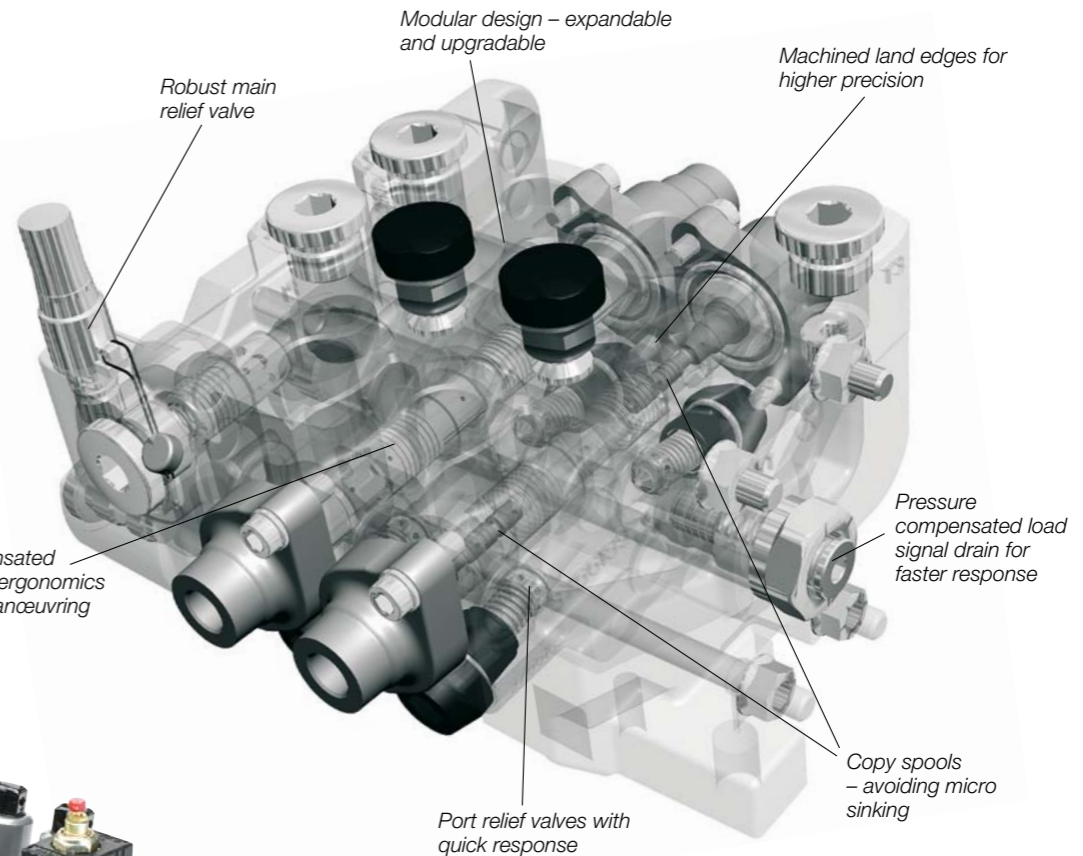
The unique F130LS and P70LS solution with its built-in, intelligent load-sensing abilities will give you precise control, quick reactions and a higher overall system efficiency, resulting in lower noise and lower heat losses,

and ultimately considerably lower fuel consumption and an extended service life. All this has been made possible through an ingenious adaptation of our existing mass market valve technology, reducing your time-to-market without compromising performance.

Take the first step today!

The new F130LS and P70LS can also be a cost-reducing option to fully load sensing valves for less demanding functions in more complex systems. The F130LS and P70LS technology is an ideal first step into the world of new functionality offered by Parker's advanced load sensing technologies.

- Higher productivity
- Load-sensing at a fraction of the cost
- Based on proven open centre technology
- Reduces fuel costs significantly
- Better manoeuvring precision
- Easy to install
- Modular design – expandable and upgradeable
- Perfect for sequential applications
- A global product with global back-up
- Simplified circuit lay-out



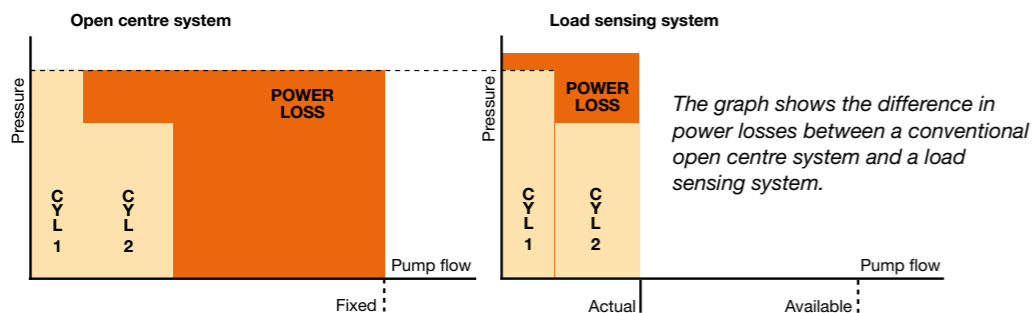
Common features for F130 and P70 series:

- Main pressure relief valve
- Port relief valves with anti-cavitation function
- Anti-cavitation valves
- Application adapted spools
- Pressure compensated spools
- Load hold check valve
- For single or multi-pump operation

Options vary for different valves.

Typical Applications:

- Agricultural Machines
- Forestry Machines
- Refuse Vehicles
- Skip Loaders
- Piste Machines
- Fork Lifts
- Medium Duty Wheel Loaders
- Etc.



Save up to
60 %
on fuel

The F130 and P70 series

Valve	Pump flow l/min	Pressure bar	Operation			
			Manual	Pneumatic	Hydraulic	Electro-hydraulic
F130CF	110	350	•	•	•	•
F130CP	150	350	•	•	•	•
F130LS	150	350			•	•
P70CF	70	350	•	•	•	•
P70CP	90	350	•	•	•	•
P70LS	90	350			•	•