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With over 1100 dedicated employees in five modern manufacturing plants and 48 sales locations worldwide, and an international network of more than 200 distributors, Denison serves the global market with dependable, quality hydraulic equipment and systems for demanding applications where superior performance and rugged durability are required.

From the high performance and controls flexibility of our Gold Cup transmissions and New XL Series open circuit pump line, to the quiet and efficient operation of our vane pumps, the precision and stability of our pressure control valves, and the sophistication of our electronic controls, Denison is committed today, as always, to satisfying our customers with innovative solutions for demanding applications.

Call toll-free for the distributor nearest you at  
**(800) 551-5956**  
 or visit our Internet site at  
<http://www.denisonhydraulics.com>



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# INNOVATIVE SOLUTIONS FOR DEMANDING APPLICATIONS



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**'XL Series'**

**DENISON Hydraulics**

Contact your local distributor or call toll-free for the distributor nearest you at 800-551-5956.

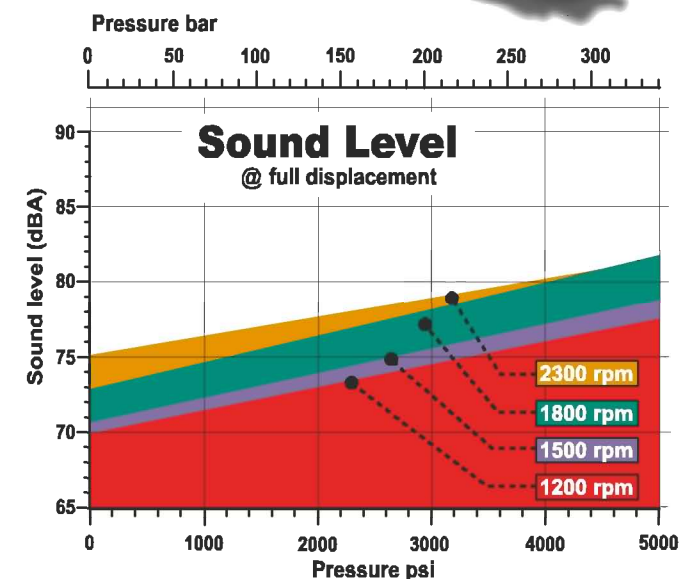
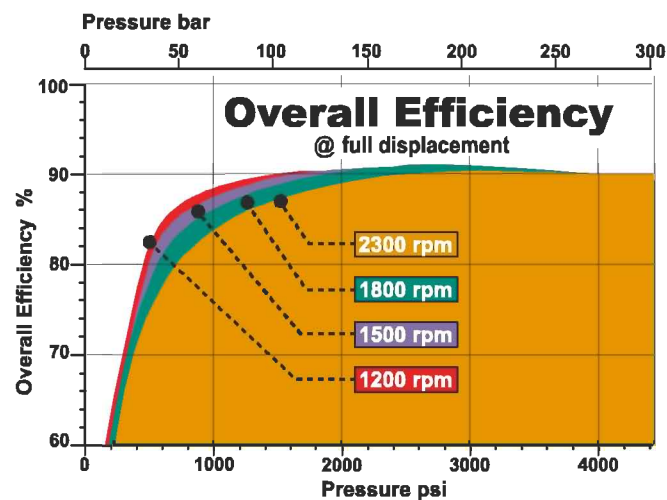
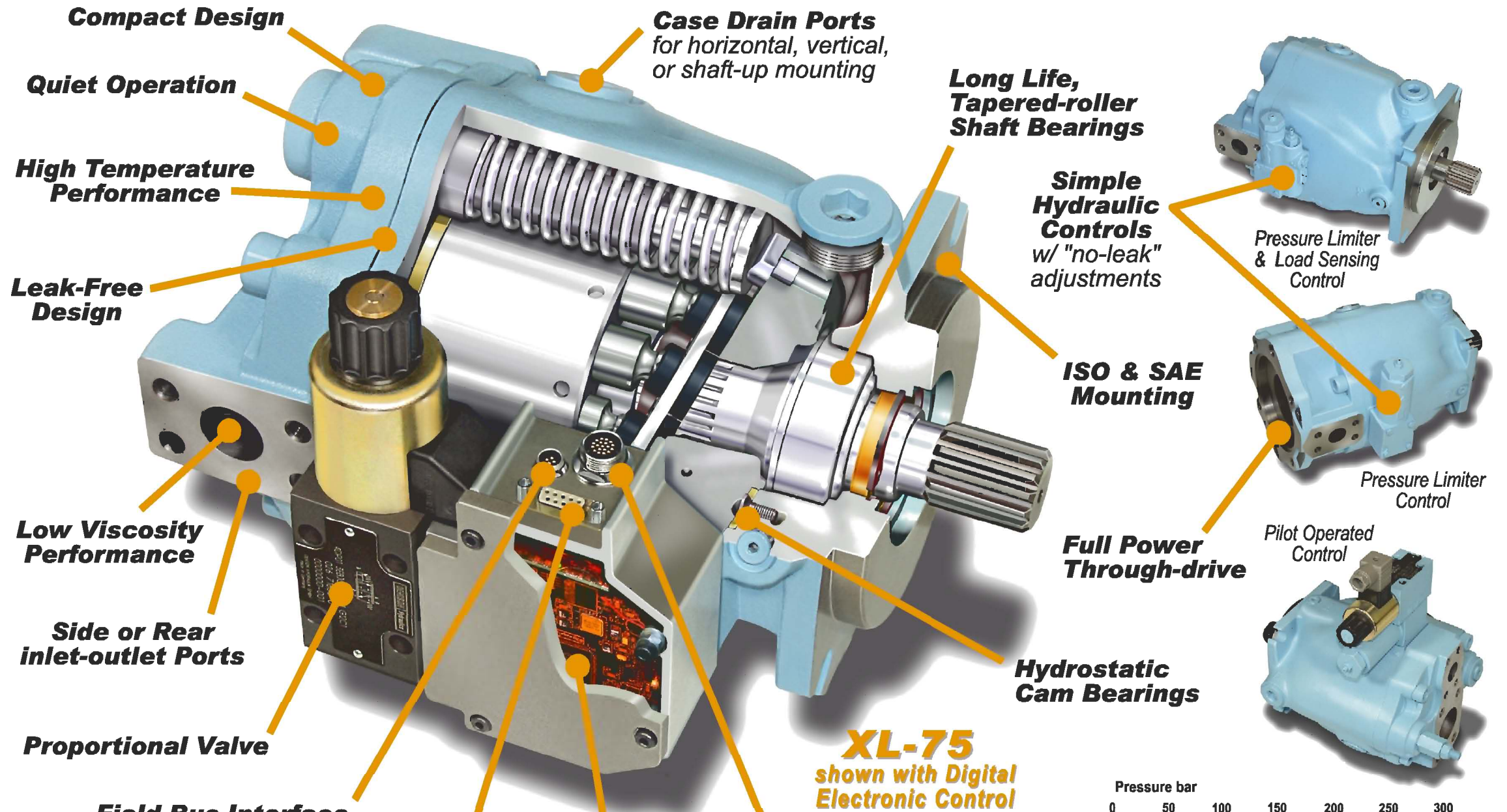
# Introducing 'XL Series' open circuit pumps.

## Designed to meet the demanding requirements of industrial and mobile applications.

The development of the new XL Series is a significant event for the industrial and mobile markets because the design encapsulates features and advantages previously only found throughout various manufacturer's products but never all together in one single, quiet, compact unit. This allows designers more flexibility in fitting the XL series pumps in the restricted area often associated with today's demanding applications. In addition, the XL series also encompasses unique design features that enable the pump to communicate with the application machine's data processor--sharing performance information and receiving direct control inputs for variations to flow and pressure.

The housing of the XL Series pump has a smooth, rounded construction making it quieter as a result. There are no drum-type surfaces to amplify noise. The XL Series pump has hydrostatic cam bearings for faster response and longer life and uses static O-ring seals rather than gaskets. Customers are no longer willing to put up with leaky hydraulic systems.

Thanks to its enhanced inlet design, the XL Series pump can operate at the high speeds associated with diesel engine applications, making it ideal for providing fast response to meet the operator's demands. XL is also designed to work at high continuous operating pressures of 280 bar (4,060 psi) and provides industry-best overall efficiencies.



**DENISON** Hydraulics

**Onboard Electronics & Embedded Sensors**  
 \*No external wires  
 \*No calibration required  
 \*Patented leak-free design

**Simple Data Acquisition**  
 \*Serial communications  
 standard DB9 connector

**XL-75**  
 shown with Digital Electronic Control