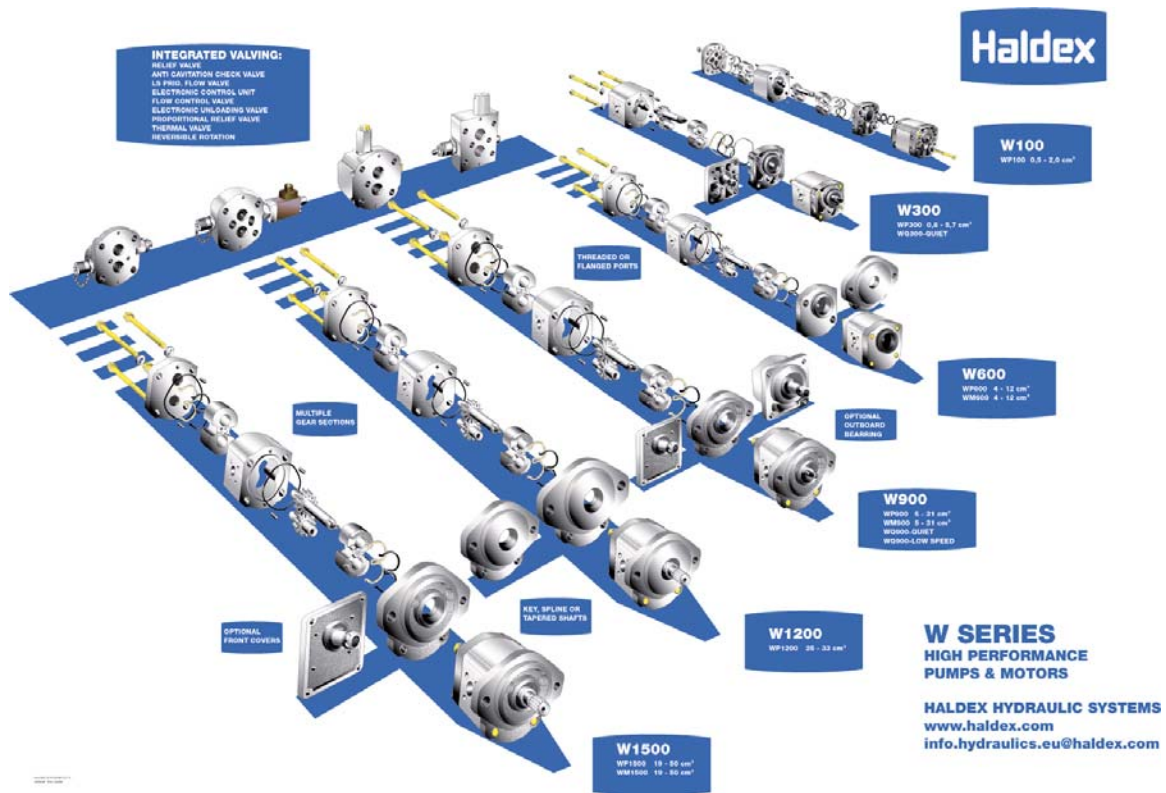


## High Performance Gear Pumps & Motors



### W100 Series Hydraulic Gear Pump

Available in displacements from .031 to .122 in.<sup>3</sup> (.5 cc to 2 cc). Continuous pressures to 3290 PSI (227 BAR).

### W300 Series High Pressure Hydraulic Gear Pump

W300 High Pressure Gear Pumps are optimized for demanding work, with harsh weather conditions, rugged operations and long service intervals. The W300 series is a range of cost-efficient group I pumps for all applications in which the customer's demands for quality and reliability are particularly high. Available in displacements from .048 to .348 in.<sup>3</sup> (.8 cc to 5.7 cc). Continuous pressures to 3300 PSI (230 BAR).

### W600 Series Compact Hydraulic Gear Pump

The W600 Series is an extension of the W Series family of hydraulic gear pumps from Haldex Hydraulics. It is unique in that it offers the same design and high performance of the W900 and W1500, but in an extremely compact package for tight envelope applications. Available in displacements from .183 to .732 in.<sup>3</sup> (3cc to 12 cc). Continuous pressures to 4000 PSI (276 BAR).

### W900 Hydraulic Gear Pump

Integrated valve packages include relief valve, priority valve or priority load sense configurations. Priority load sense package reduces total system horsepower consumption by providing the required flow to the priority circuit only on demand. Valve exhibits very stable performance across a wide viscosity range. Pump sizes range from .366 in.<sup>3</sup> (6 cc) to 1.709 in.<sup>3</sup> (28 cc). Designed to operate at pressures up to 4000 PSI (276 BAR) continuous.

### **WQ900 High Efficiency Low Pulsation Gear Pump**

Haldex Hydraulics' patented WQ900 pump with dual flank engagement significantly reduces system pressure pulsation by 75% over traditional gear pump designs, thereby dramatically reducing fluid borne noise. The WQ900 offers flexibility in shafts, mounting flanges, port styles and integrated valves. Displacements from .366 to 1.403 in.<sup>3</sup> (6 to 23 cc). Pressures to 3740 psi (230 Bar) intermittent and 3400 PSI (230 Bar) continuous. Speeds from 500 to 4000 RPM.

### **W1200 Hydraulic Gear Pump**

Haldex Hydraulic System's W1200 Hydraulic Gear Pump is well suited to internal combustion engine lift truck and compact construction vehicle applications. It is a through bore bushing type design constructed of high strength aluminum housings and rigid cast iron covers. Low profile valve covers are available for circuits requiring priority flow control and load sense priority flow. These valve configurations exhibit excellent control of flow variation through the operating range. The W1200 is one family in the W Series of high performance gear pumps designed for optimum performance, low noise and low cost on applications that require a specific displacement range. Pressures to 3,410 psi (235 Bar). Displacements from 25 to 33 cc (1.526 to 2.014 in.<sup>3</sup>).

### **W1500 High Pressure Hydraulic Gear Pump**

W1500 High Pressure Gear Pumps are optimized for demanding work, with harsh weather conditions, rugged operations and long service intervals. The W1500 Series is a range of cost-efficient group III pumps for all applications in which the customers' demands for quality and reliability is particularly high. Pressures to 4000 psi (276 Bar). Displacements from 19 to 50 cc (1.159 to 3.050 in.<sup>3</sup>).

Manufactured by Haldex Hydraulic Systems Division, U.S. toll-free 800-572-7867, e-mail: [info.hydraulics.us@haldex.com](mailto:info.hydraulics.us@haldex.com), website: <http://www.haldex.com>. In Europe, phone +46-8591-28850, email: [info.hydraulics.eu@haldex.com](mailto:info.hydraulics.eu@haldex.com).