

The new heavy duty pump PW & PWe by Poclain Hydraulics

30 April 2015 by POCLAIN HYDRAULICS

Used in hydrostatic transmission systems composed of motors, valves, and electronic controls, the PW & PWe range offers to customers the benefit of over 50 years of expertise gained by Poclain Hydraulics in the field of hydrostatic transmissions.

The performance and added value they provide will help make our clients' machines a commercial success.

The upcoming anti-pollution standards impose new constraints which must be taken into consideration. End users look for reliable, precise, high performance machines that minimize energy expenditure and maximize comfort.

Designed with compactness, energy efficiency and high power density in mind, the "Heavy Duty" PW & PWe pump range meets these requirements.

Quality

Reliability and durability are a "must" for machines. Drawing on 50 years of expertise in hydraulics, the PW & PWe range is the culmination of several years of design, development and validation.

Power density

By making the most of the installed components, customers can optimize their machines' performance. The PW & PWe range allows maximum pressure levels and unrivalled levels of speed. Increasing the accessible pressure and speed in this way improves machines' productivity, for greater customer satisfaction.

Energy efficiency

Machines' ecological and economic impacts are a concern for customers and end users. The PW & PWe range has been designed with the aim of optimizing all of these components. The result is a high level of operating efficiency which optimizes fuel consumption.

Precision

Power is nothing without precision. The PW & PWe range has an exclusive electronic control unit, making it precise and dynamic. Coupled with a dedicated electronic control system, machines meet present and future requirements in terms of comfort, safety and reduction in fuel consumption.

Compactness

The technical solutions required by the new anti-pollution standards reduce the available space in diesel engine compartments. The PW & PWe range meets these new integration constraints perfectly by offering the best axial compactness on the market.

Source: Poclain Hydraulics, Ltd.