

ELECTRO-HYDRAULIC SOLUTIONS

Progressive Power & Control designs and implements the newest, most reliable electro-hydraulic technologies to build highly efficient industrial and mobile systems.

THE ADVANTAGES OF ELECTRO-HYDRAULICS

Electro-hydraulics harness the power of hydraulic systems by adding a layer of control and feedback through the use of programmable software and controllers.

- Energy Savings of up to 80%
- Simplified Circuits
- Easily programmable for any size system
- Compact
- Accurate
- Repeatable
- Lower heat
- Quiet operation

WHY PPC

Progressive Power & Control has been in the business of building hydraulic systems for over 30 years. Our emphasis on systems engineering along with strong vendor support makes PPC an excellent technology partner.

Servo Power Units

Servo-based power units are a huge leap forward in efficiency and durability due to the digital control of all actuations. Components are only active when called upon and “at rest” when not performing their task, minimizing energy usage, wear, noise and heat output.

- Energy-efficient
- Reduced system complexity
- Low noise/Low temperature
- Reduced component wear
- High pressures and high flows available
- Versatile pressure and flow settings
- Compact footprint



Voith Servo Power Unit



Nachi PowerFit

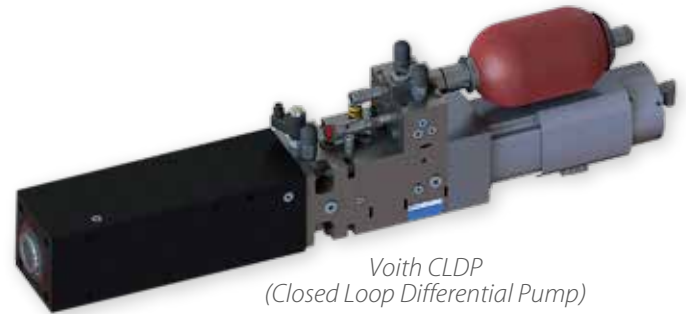


Yuken ASR

Integrated Closed-Loop Servo-Driven Cylinder

The Voith CLDP integrated system consists of:

- Servo motor
- Fully integrated hydraulic system
- High-precision actuation with feedback
- Custom motion profiles



Voith CLDP
(Closed Loop Differential Pump)

Controls & Wireless

A wide variety of wired and wireless controllers for industrial and mobile systems using the CAN Bus, Profi Bus and HART communication protocols.



Scanreco Maxi Transmitter



Walvoil WST, PHC and Controllers



Poclair SmartDrive



Wandfluh PASO software and SD7 Controller

Other Servo Technologies

- Servo pumps
- Servo presses
- Punching presses
- Self-contained press drives
- Press servo hybrid with cushion
- Variable speed pump drives



Voith HRE
Punch Drive

Voith ECOplus
Punch Drive

Voith
Servo Pump

Voith Self-contained
Press Drive

Call us to schedule a *free*
Electro-hydraulics Application Evaluation

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