

## CUSTOM ENGINEERED SOLUTIONS

### IMPROVED PERFORMANCE AND LOWER OPERATING COSTS

Custom solutions offer many advantages over standard, off the shelf components. These include: improved performance, lower overall operating costs, full compliance with engineering specifications and adherence to your application requirements.



Our IFPS (International Fluid Power Society) certified fluid power specialists can design custom hydraulic, pneumatic or electro-mechanical systems that will improve reliability, performance and reduce operating costs.

#### Technical Support Services:

At Flow Products, we recognize that timely and reliable technical support is paramount to our customers. As a result, we offer the following services:

- On-site application evaluation
- Circuit design
- Component sizing and selection
- Hydraulic schematics
- Electrical schematics
- Ladder logic diagrams
- 3D models
- Start-up commissioning
- Troubleshooting
- Product training
- Instruction, operation and maintenance manuals (IOM's) - English, Spanish

#### CUSTOM ENGINEERED SOLUTIONS

- VALVE MANIFOLD ASSEMBLIES
- CONTROL PANELS
- HYDRAULIC POWER UNITS (HPU'S)
- FILTRATION SYSTEMS

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### VALVE MANIFOLD ASSEMBLIES

Reduce labor, save space and provide consistency with the elimination of multiple connections, fittings and hoses. These systems can be made into any configuration and designed to meet specific application requirements. The results are improved system performance, higher reliability and lower overall cost.



### CONTROL PANELS

Flow Products offers complete engineering design, programming, fabrication, installation, and commissioning of control panels to major industries including: automotive, food & beverage, packaging, material handling and metal processing.

We focus on the latest technologies in control systems and work closely with our customer to provide commissioning and on-site training.



## HYDRAULIC POWER UNITS (HPU'S)

HPU's are available in a variety of pressure and flow ranges, reservoir capacities, materials, configurations and fluid compatibility. These provide a reliable source of operating power for hydraulic systems used in industries.

Flow Products offers standard, off the shelf units, compact designs and custom power units all geared toward meeting the application requirements and providing the best value to our customer.



## FILTER SYSTEMS

One of the most critical factors in the performance of any hydraulic system is the cleanliness level of the oil. The hydraulic fluid must be free of contaminants since clean oil is essential for proper operation of all the system components including: pumps, valves and actuators.

Flow products has a long history of providing custom filtration systems to a broad array of industries. This experience has allowed us to develop a set of features that help meet the requirements for a broad range of markets and applications ensuring long life of the components and high system performance.

[Get more information](#)

WE HAVE THE CUSTOM ENGINEERED SOLUTIONS TO PRECISELY MEET YOUR SPECIFICATIONS AND INCREASE PRODUCTIVITY.

CALL TODAY TO SPEAK WITH ONE OF OUR ENGINEERS AND DISCUSS YOUR REQUIREMENTS!

**773-528-2000**

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