

## Hydraulic Manifold Systems Introduction



Flexible Design.  
Easy Installation.  
Cost Effective.



## Hydraulic Manifold Systems

Related Fluid Power is a market leader in the innovative design and manufacture of Hydraulic Manifold Systems. Specialist application knowledge along with expertise gathered from the development of our large portfolio of Cartridge and sub-plated mounted valves, allows us to offer our OEM customers control solutions that meet all expectations in terms of performance, quality and cost.

## Product Scope & Control Options

- Controls selected from large range of Cartridge and sub-plate mounted valves
- Manual, mechanical, pilot operated, electro-hydraulic, proportional
- Directional, pressure, flow, load-holding controls
- Typical Flows rates: to 600 lpm
- Typical Pressures: to 420 bar
- Large choice of voltage and termination options (incl. environmental proofed coils)
- Large choice of port sizes and types
- Manifold materials: High grade aluminium and steel
- Various protective coatings



## Benefits of Hydraulic Manifold Systems

- Custom designed total control assembly
- Efficient and energy saving – large flow paths, minimised pressure drops
- Compact
- Ease of installation and maintenance
- Reduced Leakage
- Aesthetic
- Cost effective
- Simplified ordering

## Design and Engineering

- Totally customer focused (small to large OEM)
- Wide application experience
- Highly skilled engineering personnel
- 'State of the art' Computer Aided Design (2D & 3D)
- Hydraulic simulation software
- Prototype – manufacture, testing and validation

## Manufacturing

- Large CNC based machining department
  - Multi-pallet CNC horizontal machining centres (24 hour x 7day operation)
  - Flexible Manufacturing System (FMS) software
  - Small to large batch manufacturing
  - Skilled assembly and test personnel
  - Formalised processes throughout all operations
- BS-EN-ISO 9001:2008**

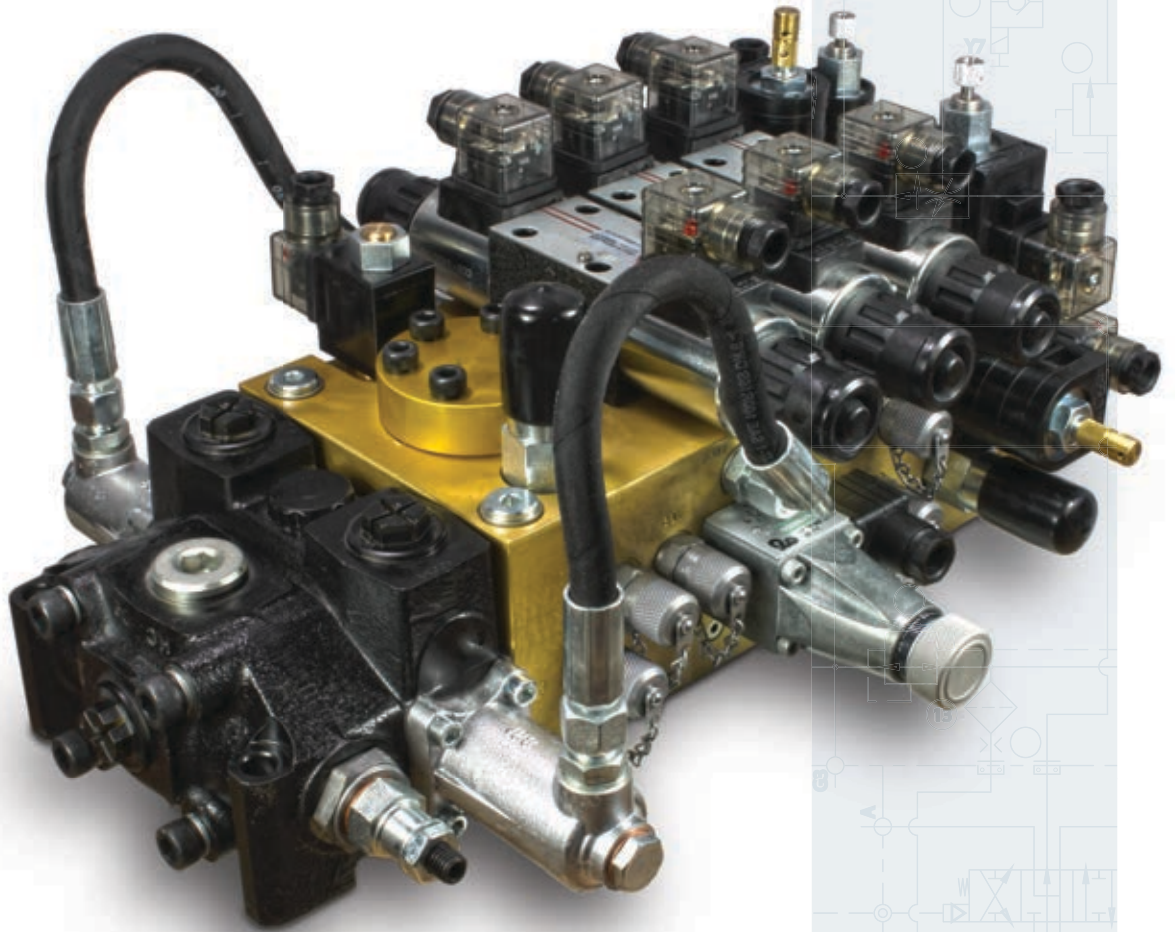
## Sales Support

- Totally customer focused (small to large OEM)
- Wide application and product experience
- Aim to form close customer relationships
- Strive to achieve 100% customer satisfaction
- After sales backup and technical support



## Our Markets

- Material Handling
- Aircraft Ground Support
- Access Platforms
- Security & Parking Barriers
- Patient Handling
- Disability Lifts
- Mining & Construction
- Light Industrial
- Marine
- Agriculture
- Motor Sports
- Recovery Vehicles
- Street Sweepers
- Waste Management
- Leisure & Entertainment







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