



COMPANY PROFILE

HYTECH (HYSPECS Technologies Ltd) manufactures aluminium and steel hydraulic manifolds. The company was established in 2002 to fulfill a growing industry requirement for timely, small run, CNC milled aluminium and steel components. HYTECH



now produces and stocks a full line of standard hydraulic manifolds. With the aid of in-house designers, custom aluminium and steel manifolds are also designed and produced. Custom manifolds offer multiple function, layout, port and cavity options, to suit your specific requirements. In addition to hydraulic manifolds, HYTECH is also geared to supply small and medium production runs of general engineering components for a wide range of industries.

- Manufacturer of aluminium and steel hydraulic manifolds
- In-house designers utilizing ProE and EdgeCam
- Can manufacture and ship to anywhere in the world
- Located in the heart of Auckland's industrial area, Highbrook, close to the CBD and motorway
- Large stock holding and 24 hour x 7 days a week backup

WHY CHOOSE HYTECH?

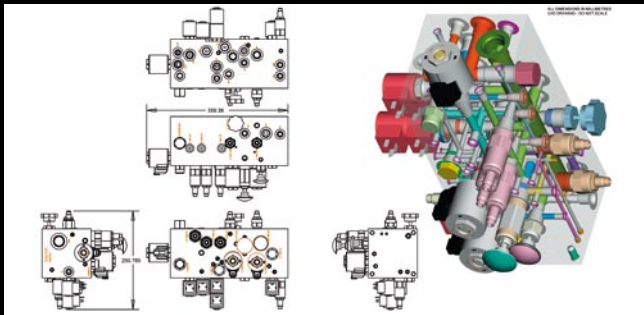
- Complete hydraulic manifold solutions for your industrial, mobile, agricultural, forestry, marine & construction requirements
- In-house designers second to none, utilizing ProE and EdgeCam
- Fast turnaround (customer specified) from concept to having the final product in your warehouse
- Full range of hydraulic cartridge valves available from our Sister company, HYSPECS
- Over 30 years of Hydraulic circuit design knowledge
- Free eDrawings (ProE) viewer showing 3-D modeling of the complete manifold with cartridges installed so that you can liaise with the designer, during the design process, getting the layout exactly as you want it
- Access to both HYTECH and HYSPECS for design, technical backup and cartridge valving resources
- Every manifold is quality inspected and batch numbered for traceability
- Partnership with HydraForce and Command Control or cartridges and components of your choice

RESOURCES

- HYTECH operates from purpose built premises located in East Tamaki, Auckland. HYTECH currently runs two Daewoo Mynx (540 and 650) CNC vertical machining centres and one Doosan HP5100 horizontal CNC machine that feature:
 - 3 axis operation with 4th positioning axis
 - Maximum work piece mass = 1000 kg
 - Maximum work piece dimensions = 1300mm long x 650mm high x 625mm deep
 - The HP5100 gives us the ability for large production runs and
 - is capable of running overnight, unattended
 - can run an automatic pallet changer – ability to load new jobs whilst the machine is running
- In addition to the various CNC machines HYTECH also operates a high speed, aluminium cut-off saw and an NC operated band saw for steel, for accurate docking of on shelf bar stock.
- Utilising 3D ProE computer software our skilled programmers can take conceptual projects from design through to

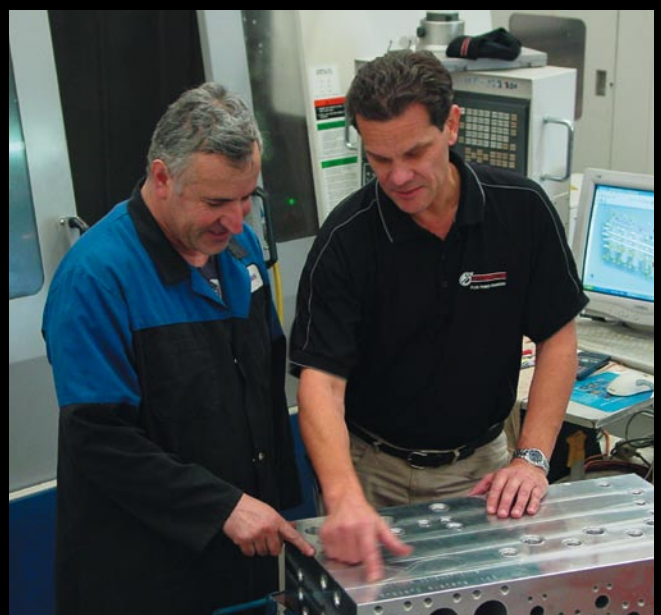


completion. This powerful software package allows designs to be easily viewed and checked from every angle to make sure all external and internal features are in the correct positions. HYTECH can even offer you a free ProE viewing program that you can load to check or sign off your project design wherever you happen to be.



QUALITY ON-TIME

Every manifold that leaves HYTECH's door is quality inspected and batch numbered for traceability. Each item is individually checked for machining burrs and inclusions while every design revision is checked for design and operational specification. Each person involved in the production process is charged with ensuring the manufactured product is of the highest possible quality. Every quality control issue that is raised, regardless of who raises it, triggers a revision process. This revision process investigates the issue and takes what ever action is required to ensure the alert is not raised again.

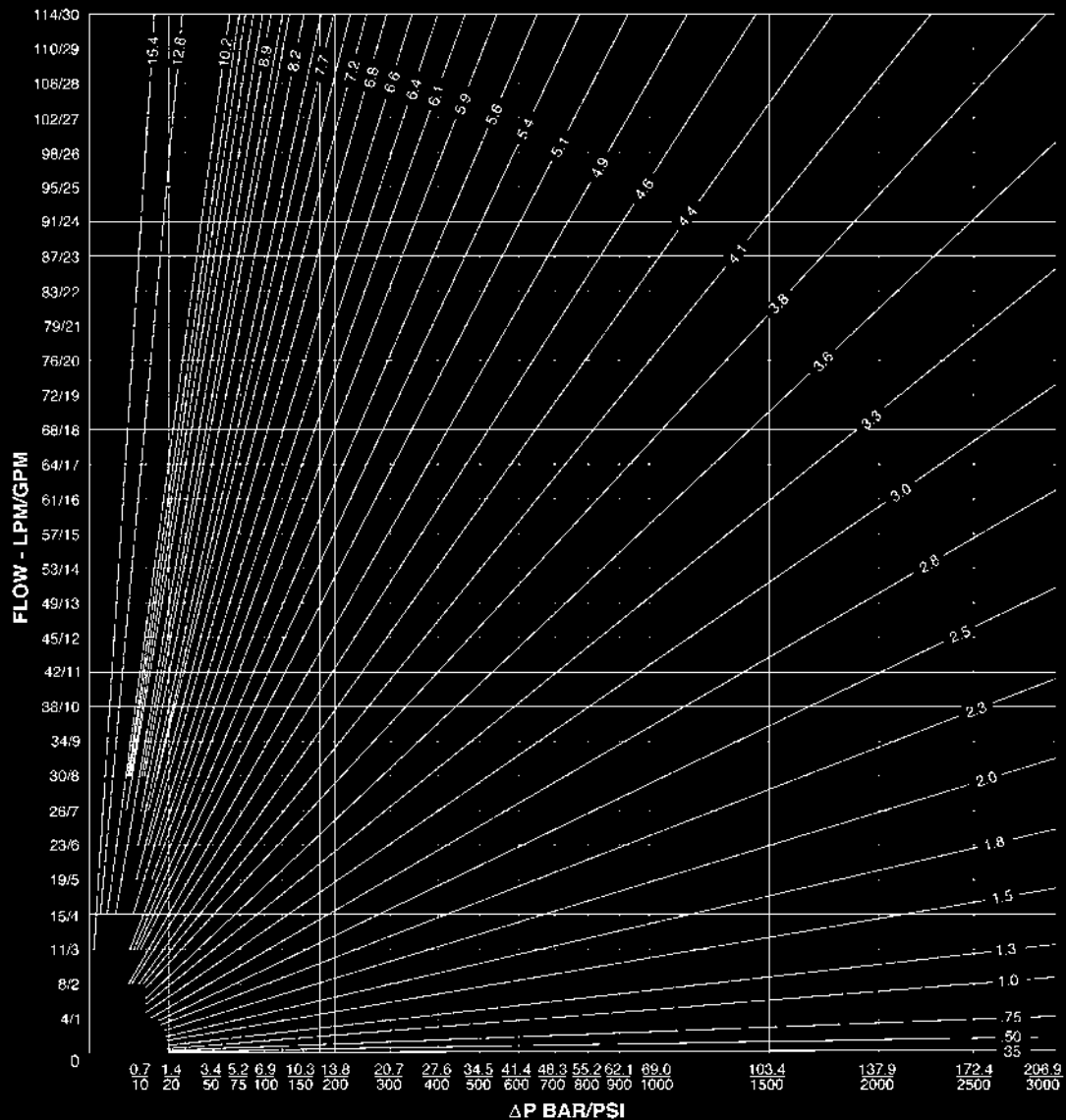


HYTECH IS THE AGENT FOR:

- Farmington Engineering Cv Plugs and restrictors: A 100% effective seal for holes in manifolds and other fluid power components. With millions of units in the field, Cv Plugs and restrictors are an easy, cost-effective and 100% assured solution to common sealing problems faced by fluid power engineers.
- EPCO Zero Leak Gold Plugs - utilize patented technology to provide a primary Metal-To-Metal (aluminium or steel) seal with an independent Elastomeric back-up seal.



ORIFICE DISC SIZING GUIDE (mm)



Curves represent orifice disc drill-thru diameters

Note: Table is calculated at 32 cSt (150 SSU) oil at 40°C. Value will change with viscosity changes.

Orifice Guide courtesy of HydraForce Inc. USA



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