



Hydraulic Solutions and Sales

Leaders in Hydraulic Excellence



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➤ Hydraulic Solutions and Sales (HSS)

HSS is a fully Australian owned company led by a team of dedicated individuals with vast hydraulic industry experience. Our common goal is to offer the finest quality hydraulic service in a friendly and efficient manner and to promote a sustainable trading relationship.

We believe that our customers Australia wide will benefit from the stable core of experienced personnel, our stocking program of quality product and the commitment to deliver and stand by our work in an ethical and commercially responsible manner.



**Hydraulic
Solutions
and Sales**

Hydraulic Solutions and Sales (HSS)

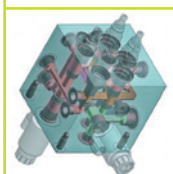
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➤ Services & Maintenance



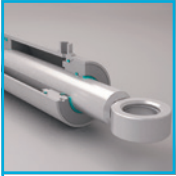
Hydraulic Equipment Servicing, Reconditioning and Testing

- Hydraulic system and component servicing and reconditioning
- Standard HSS testing or third party witness testing to your preferred surveyor
- Hydraulic turbulent flushing to your fluid cleanliness class
- All testing and efficiency report documentation supply



Hydraulic Manifold Design and Supply

If your manifold requirements are outside of standard supply HSS can design and supply to your specific requirements in your preferred material including special offshore coatings. Additionally, HSS will do a leak/pressure test and supply all required QA documents.



Standard or Custom Cylinder Design/Manufacture and Reconditioning

HSS distribute and stock the complete range of Vickers Eaton M3000 series medium duty hydraulic cylinders from 2" to 5" bore and offer industrial duty hydraulic cylinders to suit your specific application requirements.

If you have a requirement for cylinder reconditioning we can offer a simple re-seal and test through to complete rod re-chroming/internal boring and in-house machining. Test reports are supplied with all recondition testing.

Hydraulic Application Engineering and Project Management

HSS can accommodate for your complete hydraulic engineering and project management requirements. With a dedicated design team, manufacturing/testing facilities and specialized on-site installation/commissioning technicians we can offer the whole package.

If you have specific offshore/mine site certification requirements we are able to accommodate accordingly including all documentation and necessary operation, identification and maintenance manuals.

If you require further post commissioning support we pride ourselves in our aftermarket assistance wherever and whenever necessary.



Training at HSS or On-Site

HSS offer hydraulic training to suit your specific needs. We can put a training package together that will meet your operation's requirements and we are able to travel to your site or alternatively accommodate you at our facility in Henderson.

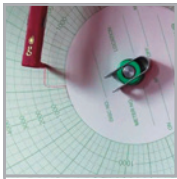


On-Site Fluid Contamination Analysis Proactive Maintenance and Scheduled Service Recommendation

HSS offer a complete oil analysis service including an on-site examination giving immediate contamination and water saturation contents in applicable ISO standards using our Hydac Fluid Control Unit.



Additionally, we offer full scheduled maintenance programs including complete filtration analysis, recommended changes and hard copy reports over relevant time periods showing line graphs of particle contamination and oil temperatures. These results can be used to continually monitor your hydraulic applications preventing unexpected breakdowns and costly repairs.



Hose and Fittings

HSS provide a wide range of hose and fitting services including the following:

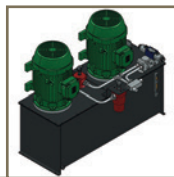
- Authorised distributor and LARGE STOCKIST for manufacturer Ryco Hydraulics
- Authorised hose assembler/tester
- Third party certification to your preferred surveyor
- Re-certifications of existing hose assemblies
- On-site hose installation/testing and inspections
- Large range of certified 316 SS hose ends EX STOCK
- Large range of high pressure thermoplastics EX STOCK
- Umbilical assembly and on-site termination
- Hose tag identification supply
- Offshore or mine site hose container supply
- Complete hose crimping training
- Technical support



Standard or Customized Turn-Key Power Unit Design, Manufacture and Supply

HSS offer standard or customized turn-key power unit design and manufacture including the following:

- Offshore lifting or forklift frames to your specific material and certifications
- Ability to successfully work to strict lead times
- Mineral oil or water glycol applications
- Intense final in-house testing procedures
- Installation and commissioning
- Provide all QA documentation and necessary operation and identification manuals



On-Site Installations, Commissioning, Troubleshooting and Break-Down Repairs

HSS has a dedicated team of specialized hydraulic technicians with fully equipped mobile service vehicles. We can provide services to complete hydraulic installations, commissioning, troubleshooting and break-down repairs. Additionally, if this service is required nationally/internationally we can organize remote site visits to your convenience.

Our state-of-the-art Mobile Service Trailer is specifically designed and equipped for on-site hose and tube installations as well as a wide range of hydraulic servicing applications.

We are pleased to have been appointed as a Hydac Service Partner. Our commitment to offering quality service and support is evidenced through our success with this achievement.

Product Categories

Hydraulic Solutions and Sales offer a large range of diverse products that we stock, distribute and re-sell. Below are some of the product groups that HSS use to provide customers with quality hydraulic sales and service.



Accumulators



Cartridges & Manifolds



Condition Monitoring



Coolers



Cylinders



Directional Control Valves



Electronic Controls



Filtration



Flow Meters



Gauges



Globe Air Motors



High Force Equipment



Hose & Fittings



Instrumentation



Lubrication Systems



Manifolds



Motors



Pneumatics



Power Units



Pumps



316 SS
Threaded and
Compressions
Adaptors



316 SS
Hose Ends



SS 316
Seamless
Annealed Tube



SS 316 Quick
Release
Couplings



316 SS
Valving and
Accessories

Product Brands

Below are some of the reputable major manufacturers that HSS is affiliated with.

Manufacturers – Distributors:



Manufacturers – Re-Sellers:



Hire Fleet

HSS has an extensive range of hydraulic equipment available for hire including flushing rigs and high pressure HPUs. Please view our Hire Fleet Range at www.hssptyltd.com.au.