



Safer • Smarter • Solutions

# HIGH PRESSURE EQUIPMENT

IN COLLABORATION  
WITH HYDRATION



**Every day we deliver fully integrated solutions to the global energy and infrastructure markets, providing a range of mechanical, electrical and instrumentation services to support assets and projects, of any size, around the world.**

With an integrated approach and a multi-discipline team we offer a unique service, from supply of parts and maintenance service, to a fully integrated project management offering.

Our innovative technical and commercial solutions provide support across the full asset life-cycle. With more than 3,000 people globally we have the right capabilities and vision to serve the ever-changing needs of our industry.

We are focused on maximising economic value for our customers and through collaborations with our partner companies, we are able to deliver efficiencies every step of the way. One such agreement is with Hydratron, a global supplier of high pressure equipment widely recognised for their range of high pressure and flow control products. We are an official distributor of the complete range of Hydratron products throughout the Americas, providing sales and technical support.



*“ We work in collaboration with many companies to turn ideas, and innovation into reality. By doing just this, we will transform the energy and infrastructure markets. ”*

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**PRESSURE SAFETY VALVE (PSV) TEST BENCHES**

- From small bench mounted units for setting screwed instrument valves, to large capacity test benches which can handle up to 24" flanged valves.
- Screwed test stubs with screw on test flanges or fully adjustable safety interlocked hydraulic clamping.
- Data Acquisition packages available.



**BUTTERFLY, GATE, BALL AND CONTROL VALVE TEST RIGS**

- Manual or hydraulic clamping.
- Fully interlocked test compartments available.
- Full data logging systems can be provided.
- Manual or fully automated PLC control.



**CONTAINERIZED VALVE TEST WORKSHOPS**

- Basic or fully certified offshore containers.
- Equipped with lifting hoist and work bench.
- Fully air conditioned units available (ATEX Certified if required).
- Full data acquisition packages can be provided.



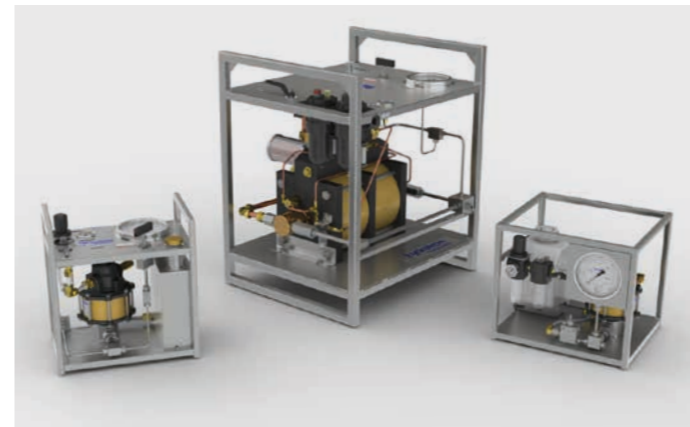
**HAND OPERATED PUMPS AND POWER PACKS**

- Stainless steel wetted parts.
- Single and dual piston models available.
- Dual piston models offer quick fill and high pressure.
- Output pressures up to 25,000 PSI (1,725 Bar).



**AIR OPERATED LIQUID PUMPS**

- 4 ranges offering output pressures up to 45,800 PSI (3,160 Bar).
- Output flows up to 7gpm/8.75 usgpm (31.5 Ltr/min).
- Chemical service models available.
- ATEX and PED compliant.



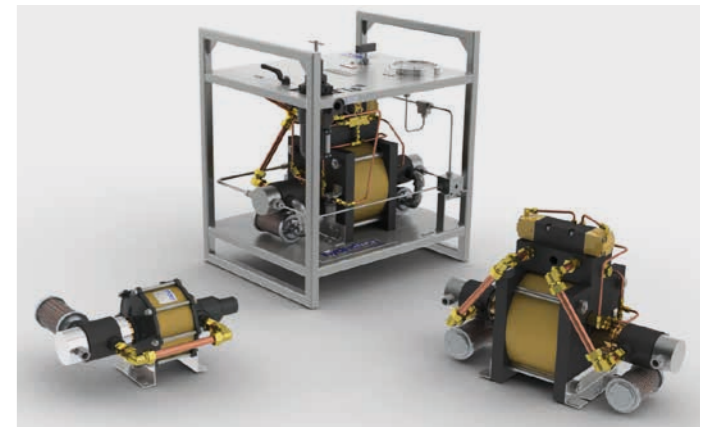
**STANDARD POWER PACKS AND HYDROSTATIC TESTV UNITS**

- Incorporating well proven and reliable Hydratron air operated pumps • Include all necessary controls and instrumentation • Chemical service models available • Output pressures up to 45,800 PSI (3,160 Bar) • Output flows up to 7 gpm/8.75 usgpm (31.5 Ltr/min) • Electric, petrol and diesel driven units also available.



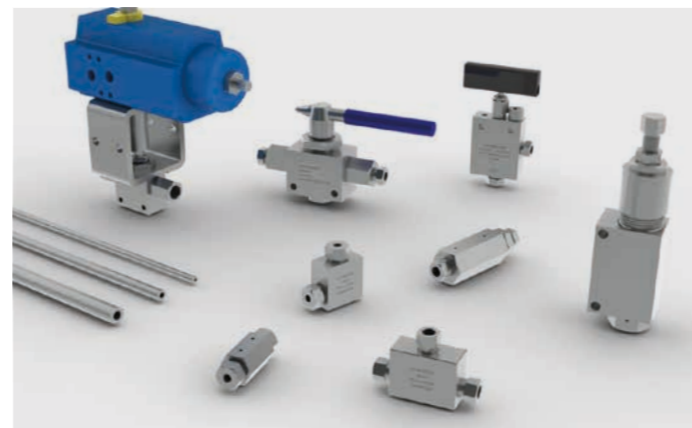
**SPECIAL POWER PACKS, HYDROSTATIC TEST UNITS AND CHEMICAL INJECTION SKIDS**

- You tell us what you want and we'll see if we can fit it.
- Dual pump models available offering quick fill and high pressure.
- Options include on board pressure recorders, tank by pass system, wheels, pump cycle counters and many more.
- Please contact Hydratron to discuss your exact requirements.



**AIR OPERATED GAS BOOSTER PUMPS AND POWER PACKS**

- Output pressures up to 21,000 PSI (1,448 Bar).
- Ideal for pressure testing with gases such as air, nitrogen or helium.
- Also capable of handling hydrogen and methane (special siting conditions apply).
- Ideal for charging hydraulic accumulators or down hole tools.



**HIGH PRESSURE VALVES, FITTINGS AND TUBING**

- Full range of medium and high pressure valves and fittings available.
- Needle, ball, check and safety valves can be supplied from stock.
- Elbows, Tees, Crosses, Couplings and Adaptors make up the fittings range.
- Specials can be manufactured to order.



**HYDRAULIC CONTROL PANELS**

- Custom designed on our state of the art CAD system.
- For operating Subsea Valve Actuators, BOP's, hydraulic cylinders and more.
- Lifting arrangements to DNV 2-7.1 if required.
- Full ATEX certification can be supplied.
- Live centre hose reels are an option.



**HOSE TEST RIGS**

- Models available for proof, cycle and burst testing • Single or multi station • Test chambers fully interlocked with the test pressure • Data logging systems can be provided.



**CUSTOM DESIGN AND BUILD PROJECTS**

- Designed to Customer specifications • Manual or PC/PLC Control • Suitable for Liquid & Gas testing • Proof / Pulse / Cycle / Burst & Hyperbaric test systems • Onshore & Offshore specifications • Proven reliability, easy to maintain and robust.



**HIGH PRESSURE MANIFOLDS**

- NPT, Medium Pressure and High Pressure Connections. Pressure up to 60,000 PSI (4,200 Bar) • Numerous configurations to satisfy customers exact requirements • Free standing, bracket or "A" frame mounted, you choose.



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