

# Flow and Control Engineering



Performance, Reliability and Efficiency

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	<p>KGRA Energy is an independent waste heat recovery project developer. KGRA designs, builds, and sells or manages fully-integrated skid packaged renewable energy solutions. KGRA provides customers with a turnkey, total solution package that combines the equipment, engineering, design, construction, service, and financing that allows for the efficient and profitable harvest of this overlooked energy resource.</p>
	<p>The Cunado Group /ITF division is considered a leader worldwide in the supply of piping projects and are pioneers in providing complete Integral Supply Systems that can be tailored to fit any major process plant project. Founded in 1963, The Cunado Group /ITF currently has 21 companies worldwide (plus several branches and representatives). The Cunado Group /ITF maintains an estimated daily inventory of approximately \$50 million, in all types of material including carbon, alloy, stainless, high nickel alloys, titanium, etc. The Cunado Group /ITF has an outstanding procurement network that allows for preferential pricing and deliveries and full technical and quality support for customers. The company maintains 48 warehouses strategically located worldwide with a total of 581,000 ft2 of warehouse and a further expansion of 301,400 ft2 now under construction.</p>
	<p>Servicing <b>chemical manufacturing</b> for almost 100 years, Phönix has developed a product range based on the advanced requirements of the chemical industry. Phönix duel bellow sealed valves have been used in the chemical industry for over 50 years. The excellent quality of Phönix's bellow sealed technology <b>guarantees zero stem seal emissions</b> or leakage in even the most difficult applications.</p>
	<p>STRACK Pressure Seal Valves are the ideal choice for power plants, petrochemical plants, offshore and chemical industries. High quality forged steel construction, tailored design for heavy duty, as per ASME, API and DIN standards. <b>Gate Valves, Globe Valves and Check Valves.</b> ANSI class 900 to 2500, PN 160 to 630. Sizes 2" to 20", DN 50 to 500 API, ASME and DIN standards Materials: A105, F11, F22, F91, F316, F304L C22.8, 13CrMo44, 10CrMo9.10, P91, F5, 1.4571, Hastelloy, Monel, and others. Butt Weld ends and Flanged ends</p>
	<p>Vector Engineering, (V&amp;W) S.L. is a "power grade Vector's manufacturing range include <b>ball valves, gate, globe and check, butterfly valves, control valves</b> as well as other special types designed upon request. The industries covered are Energy plants (Fossil fired and Nuclear), Petrochemical, Oil &amp; Gas, Solar, as well as Process Industry. Vector, was founded on 2002 by the majority of the management team of Walthon Weir Pacific,</p>
	<p>Hora Holter Regelarmaturen GmbH &amp; Co was founded in 1967 with product application in Power Generation in over 53 countries worldwide. <b>Steam Control &amp; Conditioning Valves, Turbine Bypass Valves, Desuperheaters, Attemperators, Automatic Pump Recirculation &amp; Control Valves. HP Water Control halves.</b> Includes Actuation. Ranked #2 worldwide &amp; growing!</p>
	<p>Persta <b>pressure seal Globe Valves~Gate Valves~Swing Check~Strainers.</b> All operations are under one roof...foundry for forging and the valve manufacturing. This allows for quality assurance and RAPID DELIVERY! Persta specializes in the development, manufacture and distribution of Power Generation grade <b>up to 4500 psig Class</b>, industrial valves of forged steel, boiler plate and cast steel since 1891! PERSTA forged valve bodies; particularly those designed for power stations, are open die-forged or produced forgings, then are machined and tested using pressure, radiographic &amp; ultrasonic testing methods. Designed to ASME Standards Code B16.34, CE Mark &amp; to Pressure Directive 97/23/EG.</p>
	<p>Since 1842, Walworth has been supplying valves to the <b>petrochemical, oil &amp; gas, petroleum, power generation, pulp and paper, cryogenic and geothermal industries</b>, among others. Over the years, the Company has produced more than 40,000 different types of products and serves as a global supplier. Walworth has an extensive line including <b>Cast and Forged Gate, Globe and Check Valves, Trunion mounted ball valves, Steel lubricated plug valves, Cast iron lubricated plug valves, Pressure seal cast steel valves, Duo check cast steel valves, Slab gate valves, Iron valves, Cast industrial bronze gate, globe, and swing check valves, AWWA butterfly valves, Floating ball valves, Expanding gate valves, Safety valves, relief valves and safety and relief valves.</b></p>

Flow and Control Engineering  
406 Beech Street,  
Fernandina Beach, Florida 32034

Phone: 904-206-2562  
Fax: 904-339-9487  
E-mail: [info@flowandcontrol.com](mailto:info@flowandcontrol.com)  
Web Site: <http://www.flowandcontrol.com>

	<p><b>HH Valves</b> are the only company manufacturing the genuine Hattersley Heaton design of <b>Cast Steel Gate, Globe and Check Valves</b> to the requirements of BS EN ISO9001 and the European Pressure Equipment Directive 97/23/EC. The valves fully comply with BS EN ISO 10434 (AP1600), AP16D, ASME B16.34, BS1873, BS1868, flanges to ASME B16.5 &amp; EN1092-1, butt-weld to ASME B16.25 or other customer requirements. <b>Full Bore, Standard Bore and Reduced Bore Parallel Slide Gate Valves, Steel Wedge Gate, Steel Bolted Bonnet, Pressure seal Swing Checks &amp; others.</b></p>
	<p><b>Gem-Trim Industrial Valve-Trim Repair Products.</b> Gem-Trim is an OEM of <b>flow and control valve trim</b> components for Power Generation and Heavy Industry. Specializing in Fisher Design NotchFlow DST, Design Cav4 &amp; Cavitrol III One, Two &amp; Three stages trims. Other Fish bodies include: Trim for Fisher® A Body, BFC Body, D Body, E Body, EB Body, ED Body, ET Body, EZ Body, ZLA Body and E Body Valves. Other Gem-Trim® Valve Trim brands: Bailey, Masoneilan, Leslie Controls, Sulzer, Valtek, Yarway, &amp; more. Please contact office for details.</p>
	<p><b>Industrial Vent Silencers</b> by Glaunach of Austria Used for <b>noise reduction</b> in Power Stations, Pulp &amp; Paper, Chemical, Petrochemical, Refinery &amp; overall Heavy Industry. Quiet, safe operations using a diffuser concept that is unique and provides outstanding noise reduction internationally. With over 20,000 units installed since 1980, Glaunach manufactures a comprehensive line of diffusers, silencers, absorbing Silencers, dump-tubes and In-line Silencers.</p>
	<p>Ethylene, LLC is a leading manufacturer of high performance <b>PTFE Pipeline specialty products, seamless fluoropolymer lined components</b> designed to protect and restore equipment used in chemical, petrochemical and pharmaceutical industries.</p>
<p><b>ANSI Pump Repair</b></p>	<p><b>ANSI Pump Replacement Parts.</b> Pump Components Include: Pump casings, Impellers, Rotating Elements, Casings, Shafts, Sleeves, Rings, Liners, Heads, Wear Plates, Stuffing Box covers, Ceramic, Flame-Spray TC coatings &amp; Nickel Chrome. Alloys available include: Steel, Cast Iron, 300/400 Stainless, Brass, Bronze, Monel, Inconel, Alloy Steel, Titanium, Hastelloy, 440-C, CD4CMU, 29% Chrome, 17-4 Ph, 20Cb-3, CD20. See our website for brands and Castings List.</p>
	<p><b>TANKS:</b> Northland Stainless-Steel Fab-Silvan Industries. Carbon Steel ASME pressure Pulp and Paper tanks vessels up to 120" Dia. Air &amp; gas compression 'spec jobs' &amp; high-end stainless steel &amp; alloy pressure &amp; vacuum w/ EP 2-3 Ra Pharma finishes. Industries Served: Paper, Chemical, Pharmaceutical, WFI, Dairy, Food and Beverage, Biotechnology, Cryogenics, Energy Industry tanks, Pulp and Paper tanks, digester &amp; digester tube and OEM runs.</p>
	<p><b>Heat Exchangers:</b> Control and Flow is proud to represent <b>X-Changer</b> custom industrial heat exchangers. Please visit <a href="http://www.xchanger.com/">http://www.xchanger.com/</a> for capabilities. Enerquip. Heat Exchangers: Enerquip U-tube industrial and sanitary heat exchangers. Visit: <a href="http://www.enerquip.com">http://www.enerquip.com</a> for capabilities. Enerquip produces stainless steel and high alloy shell and tube heat exchangers for a variety of sanitary and industrial applications. We also produce replacement bundles and parts for existing exchangers.</p>
	<p>Crane Center Line, AST steel gate, globe &amp; check valves. Typical applications include: flow control and fluid handling for refining, oil and gas production, Power, Pulp and Paper, Waste Water Treatment and Chemical Processing. Gate valves, Globe Valves and Check Valves. Class 150 Class 600 Sizes 2"~48" Flanged Ends and Butt-Weld Ends Bolted Bonnet Swing, Tilting Disc and Stop Check NACE and Special Trims (i.e., 316SS, Bronze, Monel API 600 We also handle Crane Flow Seal soft &amp; hard seat Butterfly ISO 9001 Valves. Duo-Check, Centerline, Crane Flow Serve. Much in stock, in Tampa.</p>
	<p>Challenger Butterfly Valves Since 1996, Challenger Valves and Controls has proven its reliability in industries such as automotive, food &amp; beverage, petrochemical, HVAC, Pneumatic conveying, pulp &amp; paper, cement. Features renewable or maintainable seat and dry shaft design. Actuation &amp; Positioners available. Visit our website here: <a href="http://www.challengervalue.com/index.html">http://www.challengervalue.com/index.html</a> to learn more!</p>

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