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# **Annual Procurement Report 2020**

Cover Story:

## **VIZA Valves: becoming a smart valve 'plus' provider**

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Valve World Annual Procurement Report 2020

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# A must-read for the flow control industry

The 2020 edition of the Valve World Annual Procurement Report (APR) is again packed with interesting information about almost 100 suppliers of valves and actuators. It is a must-read for for all those involved in the supply chain to get a comprehensive overview of players and their products.

Companies involved in the flow control industry from all around the world have provided details about their valve- and actuation-related products and services so you need look no further. The yearly update guarantees that you will have an up-to-date insight into "who's and what's out there in the marketplace".



Because of the pandemic, which has led to many cancelled expos and conferences, it is even more important to have a pertinent overview of what's going on. Hopefully, we will be able to resume our events in 2021, most notably Valve World Americas (June 23-24 2021, in Houston, Texas) and the Valve World Asia Expo and Conference (September 23-24, 2021 in Shanghai).

The cover story for the 2020 edition is dedicated to VIZA Valves. The company relates that it has made significant progress in the twenty years of its existence, evolving into a global player, serving various sectors in many countries. As an export-oriented manufacturer, VIZA focusses on the global marketplace. Apart from traditionally developed sectors, VIZA is now keeping a close eye on emerging markets, for example within the BRIC-countries, North Africa, and Iraq. The hot spots for oil extraction are today located in the emerging economies and these countries are able to attract capital to develop oil resources there, VIZA informs us.

The Valve World Team wishes you happy reading and a successful year ahead. We hope to see you at our future events – come and meet us there.

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VIZA Valves has made significant progress in the twenty years of its existence. The company has evolved into a global player, serving various sectors in many countries.

Having been for many years purely a valve manufacturer,

VIZA Valves is currently interested in extending its activities to cover smart solutions for the valves it produces.

By Yolanda Xue



## VIZA Valves: becoming a smart valve 'plus' provider

**V**alve World Asia recently interviewed Mr. Zhu Xi, Deputy General Manager & Marketing Director of VIZA Valves, and he shared with us his thoughts about a variety of subjects, including market strategy, industrial distribution, innovation, product development and his experiences in getting ahead in a global market.

Established in 1998, VIZA has evolved into a leading valve enterprise in the global marketplace, based upon decades of devotion to and investments in valves. Proficient in producing valves, VIZA

has concentrated on the production of API 6D ball valves & gate valves & check valves, API 600 gate valves & globe valves & check valves, high performance tri-eccentric metal sealing butterfly valves, center-pivoted soft seal butterfly valves, and rubber-lined gate valves.

Its company products have been widely applied in various industry sectors including oil & gas, long-distance pipelines, petroleum refining, (petro) chemical production, defense, geothermal and photovoltaic power generation, LNG, shipbuilding, mining, and water treatment. Over time VIZA





emerging economies and these countries are able to attract capital to develop oil resources there. The North American and Iraqi markets have become increasingly popular in recent years because of shale oil/gas development. Projects that have become important in Iraq are, for example, the Rumaila- and Baihassan-oilfields. Similarly, other projects have emerged from Algeria, Tunisia, and Morocco in North Africa. It is these types of projects, from emerging economies, that drive the demand for more products”, Mr Zhu explains.

### **Multipolar market strategy**

VIZA has adopted a so-called multipolar market strategy to cope with sales mutations due to market uncertainties and fluctuations. A good example of this was that VIZA was able to achieve an even larger business volume during the period of trade friction between China and the US in 2019. Mr Zhu: “The US market share of our exports has dropped since the friction started but it still remains one of our most significant markets. We have noticed some good, recent signs from the Sino-US trade relationship, but it should also be noted that the global economy generally undergoes fluctuations with big uncertainties regularly occurring. New opportunities need to be seized because traditional business sectors might shrink whilst other sectors could grow. That’s why we are now taking multipolarity as our market strategy.”

### **Focus on domestic market**

When asked about whether the Corona-virus pandemic has affected VIZA’s global business, Zhu stated that by now there is no big difference except for logistics. “We can see some favorable export policies from Chinese government and till now no delay has been made from China’s customs side.”

has become recognized as a high-quality supplier by a number of international energy companies.

### **Emerging markets**

As an export-oriented manufacturer, VIZA focusses on the global marketplace, especially to developed regions such as North America and Europe. The company also has expanded into the Middle East, Latin-America, Southeast Asia, and Australia.

Mr. Zhu says that, apart from the traditional developed markets, VIZA is now keeping a close eye on emerging markets, for example the BRIC-countries, North Africa, and Iraq. “I think this is an inevitable process for a growing valve producer. In fact, the hot spots of oil extraction are today located in the





Besides, VIZA places the Chinese domestic market as another significant objective in recent years. “It is a must-have for a company that has evolved into a global player. It is the consideration for health of our company and demand from market and customers contributed to this decision. In addition, the Chinese market might ask for higher requirements on cost management and product pricing which is taken by us as a benign requirement from the market. Our target is to raise our domestic business share to over 30 per cent and provide more valves and services with excellent quality and reasonable price to our customers back in China.”

### Towards upstream and downstream

It would be impossible for any valve producer to satisfy customers from every sector. However, if an enterprise is in good shape, it should be capable of serving customers from a number of sectors so that the risks accruing from any one sector can be avoided. VIZA constantly follows the industry dynamics and explores new products to meet requirements from various industrial sectors. Mr. Zhu: “We used to focus on the oil & gas industry. Nowadays we work for the upstream and downstream sectors in both the oil & gas and petrochemical sectors. As far as upstream goes, we have participated in some projects located near to the wellheads in oil fields and have developed more high-pressure products



with standards between API 6A and 6D for wellheads. At the same time we are applying for API 6A qualifications for some of our products. In the downstream sector, we – in a Chinese non-state-owned economy – see more opportunities in fine chemicals, and the petrochemical industry. Furthermore, we intend to get more involved in the cleaner industrial sectors in the future, including pharmaceuticals, food, and drinking water. This is not only a requirement that we see as protecting the environmental but also as a demand driven by current corona pandemic.” According to Zhu Xi, VIZA has witnessed a remarkable growth in demand for valves used in shale gas extraction, petrochemical aromatics production, and in the fine chemicals industry. “In shale gas extraction oil and gas is won by forcing water and sand into the ground at high pressure and then separating the gas, liquid and solids out through equipment such as a three-phase separator. The higher the pressure that the equipment can handle, the higher its efficiency. As a result, the demand for high-pressure products is growing very fast. A new trend is also that products should be able to work continuously and safely under higher

pressure ratings. Both these factors are being driven by the upstream sector,” said Mr. Zhu.

### Smarter valves and services

R&D is key for enterprises in order to expand in to highly demanding markets and business sectors. Mr. Zhu therefore told us that VIZA is putting a lot of effort into innovation as a high-tech enterprise, recognized as such by the Chinese government. “We strive to provide customers with more convenient and/or smarter valves and services.”

In the past few years alone VIZA has successfully developed several high-end, high-performance valves, such as a half-ball, eccentric valve which is an ideal replacement for certain types of plug valve. Features include metal seats and a trunnion mounting, whilst the valve can also be specified with a jacket for high-temperature service. Other noteworthy designs include a high abrasion performance and anti-corrosion ball valve, a gate valve with a full-bore cladding of special alloy material, and also a high-pressure, top-entry ball valve that is available in very large sizes.

Mr. Zhu elaborates on the key areas of VIZA's R&D. One area is that of special functions for some of our main products used under







special operating conditions, for example fixed ball valves. Another is for tailor-made valves based on customer requirements. "The above-mentioned ball valves, that are employed to replace a special kind of plug valves, are a good illustration of our innovative ability. We are pleased to hear from our customers that replacements have performed excellently, had a smaller torque, a better sealability, and a longer operating life. Moreover, customers do not need to purchase seal grease anymore, which greatly reduces their running costs."

### Smart valves and services

Apart from R&D on product development, smart valves and services is another field that VIZA is working on to improve user experience. "From my point of view, intelligent digitalization signifies a more user-friendly interface instead of 'cold' machines, which actively send data or files to our customers and help them to assess and use valves in a

better way. We are also thinking of updating the traceability of materials used in the critical parts of our valves by using a smart tracking system. By keeping all the product information in our cloud system, our customers can find basic information about their product and their material source by checking serial numbers or contract numbers." Zhu Xi says these are initial ideas for now, but VIZA will realize these in the future.

For the time being, VIZA is realistic in connection with its status. "So far we still refer to ourselves as a valve supplier. We mostly provide products, services, documents, and solutions based on valves. In the future, we will keep doing this but will also offer more value-added services to become a smart 'valve plus' provider."

### Opportunities and challenges

It is the best of times, and it is the worst of times. The world economy has entered an

era of multipolarity with trade protectionism on the rise, leading to an upgraded market threshold for some countries. On the other hand, many supply chains continue to be spread across various continents.

"From the outside it appears that valves are still pieces of standard equipment and these barely have changed. The truth is that end-users continually push to upgrade standards and they ask for more environmentally friendly products."

Mr. Zhu continues: "It is difficult for valve producers to cope with the different industry sectors, but in general enterprises producing quality products are highly demanded anywhere and end-users wish to directly from them. Nowadays, there are various communication modes that facilitate close contact throughout the industrial supply chain. VIZA will look more carefully into the opportunities and challenges that these changes bring about."

### Conclusion

There are many Chinese valve producers who are now running their business in overseas markets, but only a few of them have gained a high reputation in the global marketplace, according to Mr. Zhu. "There are three reasons for this. Firstly, most of the Chinese suppliers lack brand awareness and play a single role as an OEM. Secondly, they are not consistent to their strategies, constantly making profit-driven changes in their business decision-making so their plans are inevitably not sustainable. Finally, they rely too much on niche market segments. Devotion to valve products and persistence in brand maintenance, with the help of KCI Publishing and Valve World, plays a vital part in our growth strategy. By maintaining and perfecting this strategy we have become what we are today."





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# Air Torque Spa

Founded in 1990, Air Torque Spa has become, in a matter of years, one of the world's leading manufacturers of rack and pinion pneumatic actuators.

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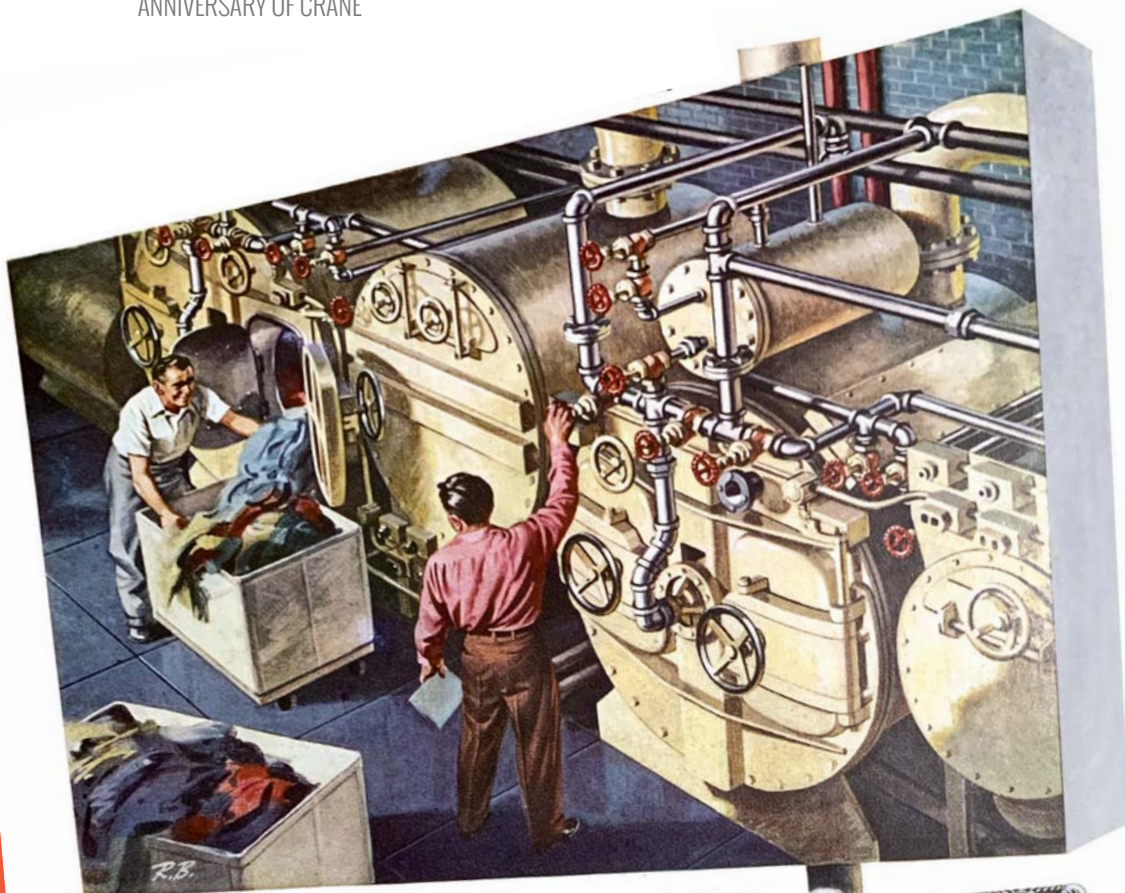
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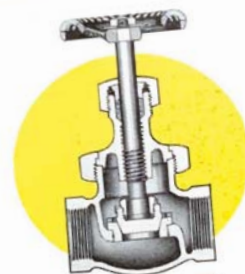
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Vincent Van Flow™ is our official mascot.

Vincent Van Flow™ is a smart Octopus who is customer-driven, displays flexibility, adaptability to challenges & solutions, and illustrates our broad range of products and services.

We hope you love Vincent Van Flow™ your new customer support specialist.

Flow Control, our passion.®

Life Flows on™



**ANYTHING  
FLOWS**

**Company**  
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## Distribuidor de Estados Unidos de válvulas, actuadores, válvulas de control, instrumentación y medición

Anything Flows es una empresa de control de flujo de EE. UU., Distribuidor de válvulas, actuadores, válvulas de control, instrumentos, productos de medición, integrador de soluciones de patines de ingeniería a medida.

Anything Flows LLC es una empresa de control de flujo con sede en Houston, TX [EE. UU.], Con canales de ventas nacionales e internacionales que se enorgullecen de proporcionar productos y servicios de ingeniería, distribución y logística de la más alta calidad en soluciones de control de flujo. Nos especializamos en brindar soluciones rápidas para la industria.

Nuestra misión, es ser el proveedor líder de soluciones industriales confiables y rápidas para aplicaciones de control de flujo en los procesos de petróleo y gas, minería, generación de energía, marina, alimentos y especialidades industriales. Desde nuestra fundación, hemos prosperado en hacer que cada proceso sea lo más eficiente posible, desde la cotización, la entrada de pedidos hasta la gestión de pedidos, el sistema de gestión interno, la entrega y el soporte posventa. Nos enfocamos continuamente en optimizar cada proceso para mejorar las expectativas, las necesidades y la experiencia general de nuestros clientes.

Nuestra mascota oficial es Vincent Van Flow™.

Vincent Van Flow™ es un pulpo inteligente que se enfoca en el cliente, muestra flexibilidad, adaptabilidad a desafíos y soluciones e ilustra nuestra amplia gama de productos y servicios.

Esperamos que le guste Vincent Van Flow™, su nuevo especialista en atención al cliente.



Control de flujo, nuestra pasión.®

La vida fluye™



# Arflu

Arflu is structured into five different divisions, Petrochemical, Gas, Water, Energy & Marine. The company, incorporated in 1988, designs and manufactures a wide range of Industrial Valves such as Ball, Gate, Globe, Check, Plug and special products like Dual Expanding Plug, Rising Stem Ball, Desalination Plug & Control valves.

The aim of Arflu in the development of their products is customer and market satisfaction through tailor design, high quality products and careful service.

Arflu is a company with great capacity to adapt to the needs of both the market and clients and it is in continuous growth with multiple offices around the world. We take special care in pre and post sales customer service.

As valve manufacturer, due to our experience and our wide range of production, and having our own Engineering company, we can offer both standard production and special products according to the needs of each client. In this way we understand that we can provide solutions to our clients, and not just supplies.



We always seek to develop a technologically efficient product, from a market perspective and proximity to the client.

Arflu has four facilities with strategic locations with more than 100.000 square meters to offer the best service to our clients.

Arflu Bilbao facility is focused on special products such as Dual Expanding Plug, Rising Stem Ball, Desalination Plug & exclusive Ball valves.

Arflu MT Co Ltd is our Far East facility mainly produce commodity products and others such as Axial Nozzle Check and Fully Welded Plate Ball valves.

Arflu SMI valves mainly supplies and give service to Saudi Arabia and Middle East.

PT Arflu SE Indonesia is focused on the Southeast Asian Market

All the factories have two clearly differentiated production lines, one for Stainless Steel and another one for Carbon Steel.



#### Company

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# Armour Valve

## CANADA'S TRUSTED SUPPLIER OF SPECIALTY VALVE SOLUTIONS

Armour Valve is a private family-owned Canadian distributor of high-quality valves and specialty equipment that has been in business for more than 45 years. Representing world-class products, Armour Valve has provided industry leading lowest total cost of ownership solutions to industries across Canada including: chemical and petrochemical, district energy, mining and ore processing, oil and gas, power generation, pulp and paper, water and wastewater management.

Armour Valve is the exclusive Canadian representative of respected brands such as: Böhmer GmbH, Conval, Dragon Valves, Fossil Power Systems, HORA, Onyx Valve, OPW-Hiltap, Persta, SchuF, SOMAS, and Stafsjö. We also exclusively represent BRUGG German Pipe and Flow Control Industries in specific parts of Canada.

## CONSISTENTLY HIGH LEVELS OF CUSTOMER SATISFACTION

Continuously ISO certified since 1997 with no non-conformances reported to date, customers can trust that they will always receive the highest quality of product and service from Armour Valve. In annual customer surveys, Armour Valve consistently receives top marks for overall experience, consistency of service, and the quality of our solutions.

## COMMITMENT TO QUALITY

Armour Valve demonstrates a genuine commitment to quality, which extends to its choice of manufacturing partners.



Each employee is responsible for maintaining standards of excellence to uphold and improve the processes in place to ensure a positive customer experience.

## YOUR SHUTDOWN SUPPORT AND PLANNING PARTNER

The Armour Valve service team acts as a resource for customers who have an installed base of Armour Valve products. Service personnel provide technical support, hands-on maintenance, and



valve maintenance and repair training. Armour Valve also helps planners evaluate which parts and tools are required for shutdown, inspects current equipment, and provides maintenance recommendations.



## Armour Valve

### Company

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# Ascend Torque Flow Controls Co., Ltd.

ASCEND TORQUE is a leading manufacturer of pneumatic actuators established in 1999. Through 20 years' unremitting effort to improve product design, processing technology and factory standards of quality control, we have obtained recognition from our customers all over the world.

We are proud of our experienced engineering team, who can ensure the reliability and stability of standard product quality, and can also provide solutions and drawings (CAD or SolidWorks) for special requirements in very short time. With our great work of R&D, our product range is becoming more and more extensive, to meet more requirements of our customers.

In 2017, we invested more than 4 million US dollars to import HMC and VMC from DOOSAN, taking the first step of the upgrade to Industry 3.0! Precision and efficiency must be the future.

ASCEND TORQUE sincerely thank all of our suppliers and customers, your profession makes all of us always better than yesterday. We welcome more friends to get to know us, probably we are the right partner you are looking for!



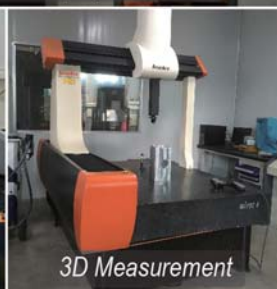
## Product range:

ARC Aluminum R&P Pneumatic Actuator  
ARS Stainless Steel R&P Pneumatic Actuator  
ARF Aluminum Four Pistons Pneumatic Actuator

AYO Scotch Yoke Pneumatic Actuator  
ADG Declutchable Handwheel Gear Box  
Accessories: limit switch box, solenoid valve and more.

## Certification:

ISO9001, CE, ATEX, PED, SIL



## Company

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# A-T Controls, Inc.

A-T Controls has been providing automated valve solutions for process industries since 1994. A global leader in the design, manufacturing and sale of valves, actuators and process control accessories, A-T Controls currently operates out of its Cincinnati, Ohio headquarters and another facility in Stafford, Texas, with several regional sales managers located throughout North America. Products are sold through a network of distributors throughout the U.S., Canada, and parts of Central and South America. With strong engineering and application expertise, and an unparalleled inventory, A-T Controls is ready to provide the highest quality products and automated valve packages with the fastest turn-around time in the industry.

**Ball Valves:** A-T offers an extensive product line of quarter-turn ball valves from 1/4" – 48" in multiple end connections and port configurations. Valve material options include carbon steel, stainless steel, and numerous high alloys. Application-specific valve series include High Purity, Multi-port, Metal Seated, NSF 61/372 Rated, V-Port and V-Segment Control Valves.

**Butterfly Valves:** Resilient Seated and High Performance Butterfly Valves are readily available in lug or wafer body styles with many application-specific packing options, discs, and seats, including soft, metal and firesafe. NSF 61 & 372 Certified Butterfly Valves for water are also now available!



**Trunnion Mounted Ball Valves:** A-T has specially designed a product line of soft and metal seated Trunnion Mounted Ball Valves, from sizes 2" - 48" in ANSI Class 150-2500 RF and RTJ. Available in cast and forged construction, and numerous alloys (including A216 WCB, A352 LCB/LCC, CF8M, CF3M, Duplex and WC6), A-T Trunnion Mounted Ball Valves are suited for high pressure applications in a variety of industries including Oil & Gas, Refining, Mining, Marine, Power, Primary Metals, Geothermal, and Water/Waste.

**Actuators:** Known for their high quality brand, TRIAC®, A-T's actuator product line includes Pneumatic Rack & Pinion actuators up to 36,000 in-lbs torque, Heavy Duty Scotch Yoke designs up to 2,000,000 in-lbs torque, and a full line of Electric Actuators which now exceed 80,000 in-lbs torque in both on-off and modulating configurations. The latest addition is the SRX Series Spring Return Electric actuator for use in critical processes to return quarter-turn valves to their safe position even with the absence of power.



**Controls:** The A-T line-up is complemented by a broad offering of control accessories for quarter-turn valve and damper drive installations. This includes solenoid valves, filter regulators, limit switches, proximity sensors, positioners, manual overrides and custom valve mounting hardware.

From engineering to assembly, testing, and machining, A-T Controls is prepared to be your *One Source Valve & Automation* supplier, offering full automation services of its own quality product line or quarter-turn valves from nearly all manufacturers.

A-T Controls is simply "The Best in the Industry" For more information or to find a local distributor, please call (513) 247-5465 or visit [www.atcontrols.com](http://www.atcontrols.com).





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**Website:** [www.atcontrols.com](http://www.atcontrols.com)





We need an actuator to reliably operate our remote ESD valve. Today, we can't operate or test the valve from our control room, we have limited power options available at that site, and it takes a field operator 24 hours to reach the ESD valve.

# YOU CAN DO THAT

**BETTIS™** Combining time-proven, final control technology with reliable critical process shutdown technology, Emerson is proud to offer Bettis™ Electro-Hydraulic Operator (EHO) for on/off and modulating shutdown applications.

Offering an effective and cost efficient way to maintain and operate ESD valves in inaccessible or remote locations is crucial to your ESD system. The Bettis EHO utilizes a quick, dependable spring-return actuator for the fail-safe stroke to stop process flow upon the detection of a loss of power supply or ESD signal; protecting your people, equipment, and the environment. The Bettis EHO is built with safety and diagnostic features. It can perform partial stroke testing, is suitable for SIL-3 environments and compatible with existing communication systems. It can also be designed for modulating applications.

To learn more about the Bettis EHO, visit [www.emerson.com/bettiseho](http://www.emerson.com/bettiseho)



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CONSIDER IT SOLVED.™

# AUMA

## Your expert partner for electric actuators

AUMA is a world leader in the global supply of electric actuators. Our valve automation solutions are renowned for their outstanding precision, reliability and availability across a wide range of process control applications in the water, power, oil and gas, and process industry sectors. Building on experience spanning more than 50 years, AUMA today manufactures 180,000 actuators a year, tailoring each device to meet the specific needs of each installation.

## Tailored solutions

Thanks to a comprehensive product range including high-performance multi-turn, part-turn, linear and lever actuators and gearboxes we offer automation solutions for any type of valve, from two-inch ball valves to diverter dampers several meters high. From simple opening and closing of valves to complex control duties with finely tuned setpoint control, there is no limit to the scope of AUMA's electric actuation solutions. At the interface between the valve and the control system, AUMA actuators help improve plant performance and availability. Intelligent actuator controls excel through their extensive diagnostic and asset management functions. Seamless integration into the control system is facilitated by an extensive range of communication interfaces, from parallel to fieldbus, supporting, for example, Profibus DP, Modbus RTU, Foundation Fieldbus, HART,



WirelessHART, and the Industrial Ethernet protocols Profinet and Modbus TCP/IP.

## Built to last

Complying with the highest international standards, AUMA actuators are designed for utmost reliability and long working lives, even under harsh process conditions – limiting maintenance to an absolute minimum. Offering IP68 protection and advanced C5-M/C5-I corrosion protection as standard, AUMA actuators withstand the most hostile environments, including offshore installations.

## Certified technology

AUMA's explosion-proof actuators are renowned for hazardous applications; these devices comply with increasing

market demands for vendor list approvals and international explosion protection certification. Leading oil and gas industry companies turn to AUMA to meet their challenging valve control demands. For applications where safety is at stake, AUMA solutions include fail safe functionality, fireproof coatings, and SIL 2/3 certification.

## Global sales and service

With 2,600 employees and a worldwide sales and service network including more than 20 subsidiaries and 50 representative offices, AUMA is a true global player. Experienced AUMA engineers provide on-site consultancy and support all around the world. A comprehensive service portfolio supports our customers throughout the entire lifetime of our products.

# auma®

*Solutions for a world in motion*

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# Australian Pipeline Valve

**Quality Valve Manufacturer.**  
**Short lead Time Manufacturer.**  
**Special & Critical Service Valves.**

ANSI/API/BS/EN/ISO standard and special service valves for Oil, Gas and Process industries.

View our catalogues & certificates at our website.

Process & Pipeline Valves. 150 ~ 2500 class, Carbon, Alloy, Stainless & Duplex Steel

- **APV** Pressure Balanced Lubricated Plug Valves
- **APV** Ball Valves, floating & trunnion
- **APV** Gate, Globe & Check, cast & forged
- **Superseal** Butterfly Valves, High Performance & Lined

- **Supercheck** Wafer check valves, dual & single flap
- **Steamco** Steam Valves
  - Parallel Slide & Geothermal Gate Valves
  - Stop Check, Piston Check/ Globe Valves
- **Diamond Gear** Gearboxes
- **Torqturn** Scotch Yoke Pneumatic Actuators
- **APV** API6A Valves, Chokes and Wellheads



## Company

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ISO 15848-1 Class CO2  
Fugitive Emission Certified

API607 6th Ed. & ISO 10497  
Firesafe Certified



## Global Supply Line - Australia

**Supplying Worldwide from Australia.**  
**World's Largest Valve & Actuator Stock Range. Global Valve Stockist & Supplier.**  
**Full stock list at our website!**

\$60 Million inventory, (CE/PED) full in-house Engineering, Automation & Test facility

ANSI/API/BS/AS/ISO Standard and Special Service Valves - Abrasive, High & Low Temperature and Special Alloys.

**View our stock list at our website.**

- Process & Pipeline Valves. ASME 150 ~ 2500 class. Carbon, Alloy, Stainless & Duplex Steel
  - Pressure Balanced Lubricated Plug Valves (APV, G&C & Valvitalia)
  - Ball Valves, floating & trunnion

- Butterfly Valves, HP & lined
- Gate, Globe & Check, cast & forged
- Wafer Check Valves, dual & single flap

- Special Service Valves
  - Abrasive & High Temperature Valves
  - Low Temperature & Cryogenic Valves
  - Knife Gate Valves
  - Parallel Slide & Stop Check SDNR Valves
- Actuators
  - Biffi, Bettis, Actreg, Air Torque, Torqturn in stock to 40,000 NM
  - Pneumatic & Hydraulic Scotch Yoke and Rack & Pinion.
- API6A Oilfield products
  - API6A Valves, Chokes and Wellheads
  - Hammer Unions and Swivels



# BAC VALVES

BAC VALVES, a company that specializes in the design, production and sale of ball valves and high-performance butterfly valves address to the oil, gas, chemical, petrochemical, LPG & LNG markets. BAC VALVES play an important roll on these industries, as a manufacturer of these types of valves.

The company BAC VALVES, S.A., was founded in 1958. With more than 60 years of know-how BAC VALVES has developed into a modern factory with its own R+D+i department & Laboratory, fully certified HSE orientation and high technology production equipment, Quality Assurance / Quality Control department.

Currently BAC VALVES has about 100 employees, of whom 42% are Engineers. BAC VALVES, by tradition is a family company which has been able to grow independent and incorporating professional management structures and systems, to cope with the highest requirements of the demanding Energy sector from Oil & GAS onshore and offshore to LNG, upgrading from a manufacturer to a solution provider of the quarter turn valve technology. The company has its main production center placed in Figueres, Spain.

Our products are addressed to the Chemical, Petrochemical, Oil and Gas fields and LNG/LPG facilities.



BAC VALVES perform as a global market player, directly and through its distributors or agent network services worldwide. The company has been servicing the Oil & Gas industry for more than 50 years.

The constant interest of BAC VALVES in being a first class supplier, has driven us to achieve the confidence and approvals of the following companies: Lloyd's Register of Shipping, Bureau Veritas, Det Norske Veritas, TÜV, Germanischer Lloyd's, American Bureau of Shipping, etc., as well approvals of major exploration and production multinational companies as SHELL INTERNATIONAL , BABCOCK LGE, DOW CHEMICAL, ARAMCO, NIGERIA LNG, BRUNEI LNG, PETROBRAS, DUPONT, WÄRTSILÄ, HOECHST, EXXONMOBIL, ELF, REPSOL, GAZPROM and BASF, and other engineering groups like:



Technip, JGC, SBM, C.B.Int, KBR, TGE, SOFEC,  
BW OFFSHORE, NPCC, J & P, Bechtel, etc.

BAC VALVES is committed to be one of the leaders in the international manufacturing community; It is BAC VALVES firm conviction that to achieve this objective, an integral part of the company culture must be an absolute commitment to the Health and Safety of all employees, and to the optimum protection of the Environment in which its operations are conducted.

The company BAC VALVES, S.A. has implemented and integrated Quality Assurance system according to standard ISO 9001 since 1991, ISO140001 and OSHAS 18001 which guarantees the quality of its products and services.



**BAC**  
bac valves

## Company

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# BOLA-TEK MFG. CO., LTD.

**BOLA-TEK** was founded in 1996, initially specializing in the manufacture of various OEM Balls, and became known for a reputation of high quality and superior service that still exists today. After entering the market for several years, and seeing the growing needs of our clients, BOLA-TEK expanded its production line by Stainless Steel and Carbon Steel materials. All BOLA-TEK products are crafted under the strictest production processes with ISO 9001 and CE/PED certificates audited and approved by TUV.

BOLA-TEK's high quality, on-time delivery, and reliability have received high satisfaction ratings among our clients, and in return earned a high reputation in the subcontracting business.

BOLA-TEK is proud to be able to offer the best SS and CS related products with economic prices, and a promise of reliability, to our esteemed clients. **Contact BOLA-TEK for all your immediate needs!!**

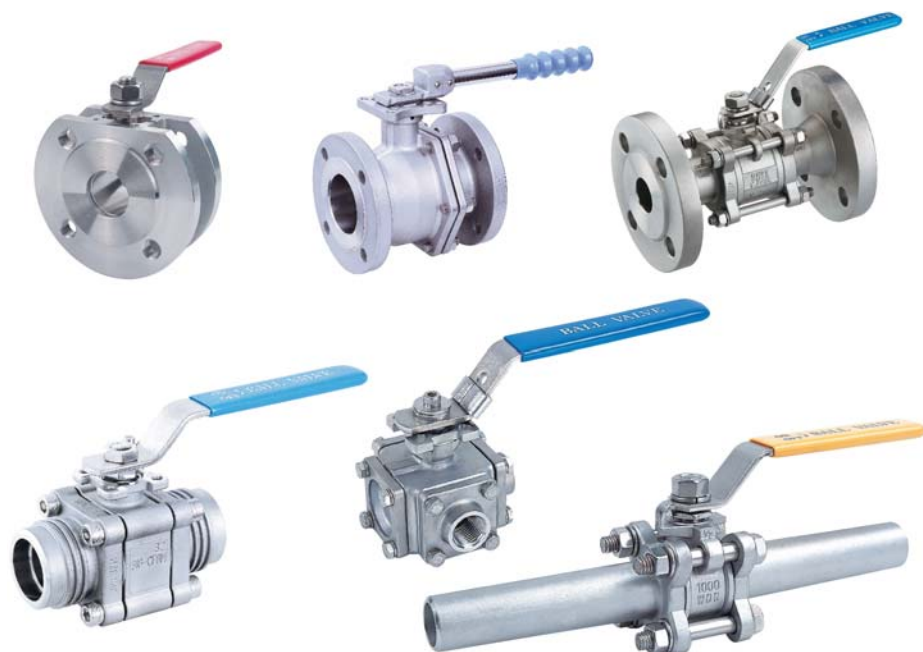
## Manufacturing Standards:

- ASME/ANSI
- ASTM
- API
- NACE
- BS EN
- DIN
- ISO
- JIS



## Product Range:

- Various types of Ball Valves with Threaded, Flanged, Socket welded and Butt welded end.
- Various types of Gate / Globe / Check Valves with Threaded and Flanged end.
- Various kinds of Balls and Stems as per customers' specification.
- Various kinds of OEM Castings.



## BOLA-TEK

### Company

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# Bonney Forge Corporation

## Forging Ahead of the Rest

Founded in 1876, Bonney Forge Corporation is a world leader in the manufacturing of top-quality forged steel fittings and unions, valve flow control products (cast and forged), branch connections and specialty products. Bonney Forge serves multinational companies in extraordinarily challenging environments in the oil and gas, petrochemical, power generation, chemical manufacturing and general industrial piping industries.

## A Comprehensive Product Offering

Bonney Forge is headquartered in Mt. Union, PA with manufacturing operations in the United States, Italy and China.

Our manufacturing sites include:

- Bonney Forge Europe (BFE), serves as the hub of the company's forged valve production. Located in Bergamo, Italy, this state-of-the-art facility manufactures a wide-range of valves—from commodity to the most complex, made-to-order products. Specifically, BFE manufactures the following valve types: Gate, Globe, Check, Cryogenic, Integrally Flanged, Bellows Sealed, Extended Body, Bar stock, Combination Double Block and Bleed, API 6A, API 6D, Pressure Seal and Ball Valves - Soft Seated, Metal Seated for high temperature or abrasive service, Lip Seal, Cryogenic to -196°C, Top Entry and Side Entry, Fast Track Expedited Manufacturing.
- Bonney Forge Shanghai (BFS) serves as the heart of our cast valve operations. The product line offers cast GGC valves up to 36" and Class 2500, and the facility has in house



low-emissions and submerged leak-testing capabilities. The ever-expanding product portfolio now includes Cryogenic valves.

- Mount Union, PA, manufactures Bonney Forge's entire line of forged steel fitting, Olet® and forged steel valve products.
- WFI International, Houston, TX, specializes in custom fittings—precisely made-to-order in any shape, size or material. A key capability of WFI is engineering fittings tailored to customer requirements for the most challenging applications and environments.

## A Reputation for Leading the Industry

We are known for our unparalleled valve technology and engineering capability:

- We create Engineered Solutions, a program in which we work directly with customers developing valves that stand up to their highly critical, demanding applications.
- We built a state-of-the-art Fast Track facility at BFE, Italy, which functions independently from the main plant in order to manufacture, test, and ship urgently needed valves... FAST!



- We have and continue to actively invest in both our forged and cast valve operations. Our cast product portfolio now includes cryogenic cast steel valves perfect for low temperature applications. Our forged portfolio includes in-house forging operations and heat treatment all under one roof.
- Our low-emission (Low-E) forged and cast steel valves are designed, engineered, manufactured, and tested to exceed all Global emissions standards requirements. Low-E Valves with our exclusive Bonney Forge Eco-Seal® packing are the STANDARD. Additionally, our off-the-shelf low emissions valves have been tested and certified by recognized independent 3<sup>rd</sup> party labs.
- 3D and 2D CAD models and drawings are available at [www.bonneyforge.com](http://www.bonneyforge.com).



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# Bray International, Inc.

Bray International, Inc. is a leading global manufacturer of valves, actuators, and controls for the process industry.

For more than 30 years we've provided innovative, high performance flow control solutions engineered to handle the most challenging applications.

Our global manufacturing, sales and service networks mean we can offer our customers unrivaled support across a wide range of industrial and commercial markets.

And thanks to our unrelenting commitment to quality, customers around the world have made us their trusted flow control partner.

Contact your local Bray Flow Control Expert today to find out how we can partner with you to provide:

- Resilient Seated Butterfly Valves
- High Performance Double Offset Butterfly Valves
- Critical Service Triple Offset Butterfly Valves
- Two Piece & Three Piece Ball Valves
- Flanged & Threaded Ball Valves
- Multi-port Ball Valves
- Severe Service Metal Seated Ball Valves
- V-Control Ball Valves



- Segmented Ball Valves
- Cryogenic Butterfly Valves
- Cryogenic Ball Valves
- Flow Activated Check Valves
- Heavy Duty Knife Gate Valves
- Abrasion Resistant Slurry Valves
- Electric, Pneumatic & Hydraulic Actuators

- Valve Status Monitors & Positioners
- Solenoid Valves & Filter Regulators
- Fully Automated Commercial HVAC Valves

Be sure to visit us online at [www.bray.com](http://www.bray.com) to see our entire line of dependable flow control solutions.



#### Company

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# C.M.D. s.r.l.

CMD was established in 1989 by Mr. Luciano Ghirardelli, and is based in Cologne, a small village in the centre of northern Italy. More than 30 years have gone now and we can proudly assert that CMD products are more and more appreciated by the most qualified valve manufacturers all over the world.

Mr. Ghirardelli's idea was to channel his long experience in the gasket world into the use of such an outstanding and precious material, as he sensed that the graphite could win the most exciting challenges at the most extreme conditions.

The Company is run by Luciano's son and daughter, Claudio and Danila, together with their families and CMD still enjoys the advantages of a family-led organization combined with all necessary industrial aspects in projecting, consultancy, technical support, administration and commercial procedures that ensure a perfect product process from scratch to the final user. In fact CMD's procedure system has been UNI EN ISO 9001:2015 certified since 1996.

Our spiral wound gaskets, graphite rings and stem packings, among the others, achieved the total esteem of the valve industry, proved by the most respectable world certifications such as Shell SPE 77/312 Class A and Class B, API Standard 622,

VDI 2440 (TA Luft) and ISO 15848, obtained by the most qualified valve manufacturers, thanks to the superlative performances our gaskets allow. We underwent very severe tests and rewards come as a consequence when quality is a priority. To mention one, CMD was recently appointed as a Petrofac Qualified Supplier.

The constant care for future production is the real success of CMD and all departments strive toward continuous innovation. Some of our products are registered trademarks and were conceived by the constant exchange of experience between the technical offices of our customers.

Last but not least is our aftermarket and service support to customers that include replacement gaskets with rapid supply to



meet all emergent needs. This service is granted the world over at any period of the year and offers specialized engineering solutions too.

CMD customers are as precious as our competent staff and, all together, we fully dedicate our efforts to the total satisfaction of the end users.



**CMD**  
GUARNIZIONI INDUSTRIALI

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# Cangzhou Cowin Metal Products Co., Ltd.

Cangzhou Co-Win Metal Products Co., Ltd. an ISO9001-2015, EU, ATEX, REACH, ROHS quality approved company, has a wealth of experience in the specification and supply of pipeline related products and offer a wide range of manual stainless steel ball valves and pipe fittings in a variety of materials. Our products can be found in the following industries: chemical, food & beverage, sanitary, semi-conductor, oil & gas, cryogenic, liquid natural gas, paper & pulp, steam, water and many more. We can cover temperature ranges from -10 through +230 degrees Celsius and pressures up to 3000 psi. We use advanced numerical control machine tools, processing and testing facilities to ensure that our products will meet your expectations for reliable performance and quality.

Co-Win Metal's success can be attributed to its customer-centric team of sales personnel, service engineers, and trained staff, who are committed to providing the very best in customer service. We don't just sell products; we offer complete industrial flow process and management solutions. At the meantime we take great care to gain as much information at the inquiry stage as possible to ensure that the right actuated solution and products are offered and supplied, minimizing the potential for any issues post-sale. By continually expanding product offerings, Co-Win Metal is growing its product offering, making it a more valuable resource to the production and sales network.



## Company

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# Cangzhou Heli Machinery Co., Ltd

Cangzhou Heli Machinery Co., Ltd. was founded in 1997 and now has a 23-year history. Our company obtained ISO9001, PED97/23/EC and AD2000 W0 certificates from Germany TÜV Rheinland in 2002. Products are mainly exported to the USA, UK, France, Germany, Denmark, Australia, Poland, Slovakia, Japan, Korea and other countries and regions. "High quality, Quick delivery, Best service" are our eternal commitments.

Our company has stainless steel precision casting factory, machining manufacturing and an assembly factory. We have general and special equipment like a Spectrum Analyzer, a CMM measuring machine, machining center and CNC lathe. We also have the technology strength to design, develop and optimize new products. In the meantime, we've created advantages for producing multiple products and strong supply capacity with the support of a long-term supplier group.

Our company mainly produces Ball valves, Brewing industry ball valves, Fittings, High pressure bar fittings, machinery equipment parts and customized products. The product materials are mainly stainless steel and carbon steel. Our products are widely used in Water supply and drainage, Heating and ventilation, Petrochemical industry,



Food, Fire control, Automobile, Agricultural irrigation etc., and are deeply favored by customers.

You are welcome to mail or call us!



## Company

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# Castflow Valves

**Castflow Valves is a valve manufacturer specialized in check valves.**

Manufacturing range BALL CHECK, DUAL PLATE, SILENT CHECK VALVE (NOZZLE CHECK and AXIAL CHECK) and FOOTVALVES. Our range of manufacturing covers DN25 (1") to DN1400 (56") and other sizes on demand Ratings PN10/16/25/40/64/ANSI150/300/600# wafer/flanged style. Valves can be casted in different materials such like iron, Steel, Stainless, Superduplex and other special exotic alloys.

Our company has been a reference in many of the most important desalination projects globally. Also we are main suppliers of important equipment builders that rely since many years on our professional collaboration and quality.

The proper selection of the non-return check valves for pumping systems is very important and some elements are to be considered for selection. The type of application, the pressure drop, water hammer and the energy consumption and

acquisition costs. For smaller pumping systems these elements are less significant, however in bigger systems these elements can have an important impact on the total

energy consumption. At Castflow Valves we can assist with the technical support in order to select most recommendable valves and materials.



RUBBER LINED



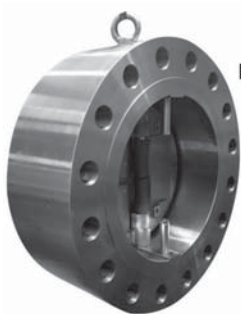
SILENT VALVES



BALL CHECK VALVES



FOOT VALVES



RETAINERLESS



HP SILENT



DUAL PLATE



HP DUAL PLATE



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<b>Website:</b>	www.castflow.com

# Chaoda Valve



Chaoda Valve, established in 1984 as a professional industrial valve manufacturer in China, is dedicated to providing top quality industrial valves and engineering solutions for oil & gas, chemical, steel, power, storage terminal, pipeline, aerospace, new energy and processing industries, and in persistent pursuit of the best services to global end users.

In China mainland, Chaoda Valve consists of 4 major areas including design & research, material casting and valve production and sales, that developed strictly whole industrial chain process control from prototype design, raw material production until valve manufacturing and sales on the basis of QMS and PDM-ERP computer system, and established a professional valve functional test laboratory, which including high-cleaning shot, high-temp test, super low-temp test, vacuum test, life cycle test, fugitive emission test, high pressure test, normal production pressure test, material analysis, anti-wearing material research, spraying coating shop, mechanical analysis, spectral analysis, metallographic analysis and NDE examination (PT,MT,UT,RT) with EN & ASME qualified operators. Chaoda professional technician service team continuously challenges critical applications and provides value added solutions on the purpose of concerned about customer demand.

In the global and oversea market, Chaoda has established branch companies including Chaoda Taiwan located at Gaoxiong Taiwan, Chaoda USA located at Huston USA, Chaoda Japan located at Tokyo Japan, Chaoda Malaysia located at KL Malaysia, and also long term solid strategic partner relationship in more than 10 countries, and provided our best products and services to Shell, BP, PDO, SABICE, NISOC, PETROCHINA, SINOPEC, SINOCHEN, CNOOC, SK ENERGY, GE Oil & GAS, DOW CORNING, VOPAK, BASF, etc.

Chaoda product line includes metal seated ball valve, fully welded ball valve, bellow sealed valve, dual-plate check valve, three-way valve, low-temp valve, and commodity valves such as swing check valve, wedge gate valve, globe valve and ball valve in accordance with ANSI/API, ISO, GB standards.


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 **Company Name:** | Chaoda Valve | | || **Address:** | Jiangbei Street, oubei, yongjia, zhejiang, China | | |
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# Charbonneau Industries, Inc.

Charbonneau Industries, Inc. (Ci) is a brand neutral distributor, and an integrated supplier of products and service in one company. This combination gives our clients brand options from stock, and gives our manufacturing partners multiple access points to our midstream markets.

Charbonneau Industries is a privately owned company, founded by Steve Charbonneau in 1989. The business was founded in Atlanta, Georgia, however Corporate Headquarters were quickly established in Houston, Texas where the company grew rapidly. The Houston

facility is equipped with one million square feet of climate controlled office and warehouse space, \$200 million of inventory in stock and on order at any given time.

Ci's business model has evolved over the years to where we are certain that Charbonneau Industries can add value to the installed base of actuators in your site.

Over the past 30 years, Ci has become a preferred valve and valve actuation integrated supplier for some of the world's most demanding Oil and Gas companies.



**CHARBONNEAU**  
INDUSTRIES, INC.

## Company

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# CIRCOR International

CIRCOR International designs, manufactures and markets differentiated technology products and sub-systems for markets including industrial, aerospace & defense, oil & gas, and commercial marine.

CIRCOR's market-leading and historically significant product brands are recognized for helping revolutionize the markets they serve as well as help fulfill its customers' mission critical/severe service needs.

CIRCOR has a strong history of innovation that has produced an impressive portfolio of products and patents. This technology is all driven by an experienced group of engineers, well known for developing high-quality, specialized solutions for customers. With the belief that investment in research and innovation is imperative to our success and growth, CIRCOR continuously works to expand our product portfolio, as product diversity allows CIRCOR to offer customers the optimal solution for their application. The company's strategy is to grow organically and through complementary acquisitions; simplify CIRCOR's operations; achieve world class operational excellence; and attract and retain top talent.

## Comprehensive Products and Services Portfolio

Our extensive, highly engineered portfolio offers application-specific solutions comprised of:

- Automatic Recirculation Valves (ARV)
- Ball Valves
- Steam Regulator Valves
- Severe Service Control Valves
- Steam Conditioning Systems
- Gate, Globe and Check & Relief Valves
- Pneumatic & Electric Actuation



- Cryogenics
- Pumps
- Pipeline pigging, flow assurance, and cleaning services
- Design to Specification Manifolds & Assemblies
- Motor Operated Valves
- Pressure Gauges
- Portable Charging Units

## Aligned to Best Serve Key Customer End Markets

The primary global end markets served by the entire organization include:

- Process Industry
- Power Generation
- General Industrial
- Commercial & Institutional Facilities
- Maritime
- Aerospace & Defense
- Medical Facilities
- Midstream Oil & Gas
- Downstream Oil & Gas

- Pipeline Engineering®
- R.G. Laurence
- CPC-Cryolab®
- Rockwood Swendeman
- Allweiler®
- Houttuin™
- IMO®
- Circle Seal Controls
- Aerospace
- Aerodyne
- Bodet
- Industria
- LOUD Engineering & Manufacturing
- Motors
- Hale Hamilton
- Tushaco®
- Warren®
- Zenith®

*CIRCOR: Delivering smart, reliable flow and motion control solutions for mission critical applications*

## Global Coverage

We strategically leverage our global infrastructure comprised of dedicated sales and services and distributor facilities to deliver products, services and expertise to key markets. The result is more in-depth, highly collaborative customer relationships.

- Asia
- Europe
- Middle East
- North America
- South America

## Best-in-Class Product Brands

Our market-leading, historically significant product brands are recognized for helping revolutionize the markets we serve.

- Leslie Controls®
- RTK®
- Schroedahl®





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# CIRCOR | RTK®

## Regeltechnik Kornwestheim GmbH

### CIRCOR | RTK® – Control Valve Specialists

CIRCOR RTK® is an international leader in the design, manufacture, distribution, and service of control valves and related equipment. In its fourth decade, the company continues to engineer innovative and reliable control technology for optimization of customer control circuits.

CIRCOR RTK® produces high-quality control and shut off valves ideal for industrial, petrochemical, power and process applications. It also offers effective electric and pneumatic linear actuators, sensors, and controllers.

The CIRCOR RTK® REFlex line of two- and three-way stem guided control valves uses a modular design with numerous trim styles and materials available to offer a valve for nearly every application. These all-purpose valves are available either as ANSI or DIN, ensuring that direct replacement is always possible.

The REFlex two-way Control Valves are now also available with a QCS (Quick change Seat) option, giving up to 85% faster maintenance times, quick four-step dis and reassembly without any specialized tools, and are available with anti-cavitation or anti-noise trim design.



CIRCOR RTK® also offers high-performance electric and pneumatic actuators. The REact DC electric actuator series features smart actuator technology with variable speed control to automatically throttle power consumption and enable interconnectivity with the industrial internet of things.

The new CIRCOR RTK® REact EQ -DC-PoP up to 10 kN/2250 lbf adds to this smart actuator capability. Unlike other actuators the REact EQ-DC-PoP offers two system-saving features: a standard Emergency Closing Unit and a power failure back-up that allows the actuator to reach a predefined safety end position (open or close) if power is lost. Therefore, keeping your system safe in any situation.

The new CIRCOR RTK® REact EQ -L electric linear actuators for high-range force output up to 30kN/6750 lbf unlike other electric actuators, works to help ensure 100% running time (24/7). Amongst others, offers system-protecting functions for medium-to-heavy applications with higher pressure drops or large or unbalanced valve trims and opens the door for Industry 4.0 functionality and flexibility for multiple signal exchange systems in open digital protocols for process automation, including Profibus and CANopen.

The CIRCOR RTK® REFlex family includes a variety of specialized valves and solutions for pump protection and feed water control

unique valve also works as two valves in one by combining the functions of a boiler feedwater control valve and bypass valve for pump protection in a single unit. The Feedwater Valve features a hardened recirculation plug and seat for low-wear operation, so users save cost and extend pump life

Available through CIRCOR International's expansive worldwide sales network, CIRCOR RTK® REFlex, REact and other products provide solutions for industries such as petrochemical, pulp and paper, food and beverage, as well as up- and down-stream oil and gas, power, and general industry.



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# CIRCOR | SCHROEDAHL®

## SCHROEDAHL GmbH

### CIRCOR SCHROEDAHL® – The Pump Protection Experts

With the invention of the original Automatic Recirculation Valve for pump protection, CIRCOR SCHROEDAHL® is an international leader in pump protection and flow control technology. The company designs, manufactures, distributes, and maintains high-class specialty pump protection and control valves.

CIRCOR SCHROEDAHL® valves are designed at the highest level of quality for high-pressure applications in nuclear and fossil power, industrial process, and commercial systems, as well as production, extraction, and refining systems in the oil and gas sector.

#### Pump protection valves from CIRCOR

**SCHROEDAHL®** ensure minimum flow rate for pumps at all times to protect against overheating and cavitation. With over fifty years of expertise, CIRCOR SCHROEDAHL® offers a wide array of pump protection solutions and technology, including high-quality forged material for high pressure applications and treated surfaces for corrosive media such as seawater. These valves are designed and built with no limit on material, size, or pressure class.

**CIRCOR SCHROEDAHL's innovative Automatic Recirculation Valves (ARV)** provide an all-in-one pump protection solution by combining the main check valve and the automatic bypass control. As a flow-sensitive, self-acting, self-modulating system, the ARV

enhances efficiency for greater cost savings and stable pump operation. ARVs operate in commercial, power, process, and high- and low-pressure oil and gas downstream systems.

**The new SCHROEDAHL® TDL ARV with high bypass flow** offers maximum flexibility in bypass trim sizes for pumping systems from 10- to 20-inch nominal pipe size (NPS). For critical applications with Crude oil pumps, Fire protection pumps, Ammonia and fluid gas pumps and others. Available in EN/DIN and ASTM materials, also available in compact cast housing design for lightweight installation.

**Other control valves for severe service** in CIRCOR SCHROEDAHL's expansive product range include high pressure steam control and steam assist desuperheaters that offer water rangeability up to 1:100 and up to 40% water injection, and special combination valves that provide a 2-in-1 solution to cover start-up to full load conditions with one valve. CIRCOR SCHROEDAHL® valves feature cavitation-free low-noise multistage trim design with strengths starting from Class 900. Suitable for high pressure water and steam applications of more than 450-600° C, these valves meet special installation conditions. Your partner for special applications from design to maintenance, CIRCOR SCHROEDAHL® designs solutions to meet



specific requirements with 3D CAD technology informed by CFD and Finite Element Method analysis. Valves are manufactured with CNC precision, and all CIRCOR SCHROEDAHL® products undergo intensive stress and strain testing before delivery to ensure quality, safety, and reliability. Some CIRCOR SCHROEDAHL® valves operate continuously for decades without maintenance.

With sales representatives in the United States and as part of CIRCOR International's global network, CIRCOR SCHROEDAHL's specialized pump protection and control solutions are available worldwide.

	
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# COMEVAL VALVE SYSTEMS

Founded in 1975 and incorporated into the ARI ARMATUREN Group in 2010, COMEVAL VALVE SYSTEMS excels in designing high quality and certified valves for the process industry. Our design and manufacturing processes are ISO 9001 and 2014/68/EU certified by Third Party Notify Bodies and comprehensive of Design, manufacture, NDEs and Tests, QC and Project Management. Our Organization competent staff also provides on / off site engineering service as well as refurbishment, after market and valve modification & automation under a strict guarantee scheme.

Our Group Global Brands for the process industry segment:

UNIFLOW® is a comprehensive portfolio of Isolation Manual and Actuated Valves, Check valves and flow control products in

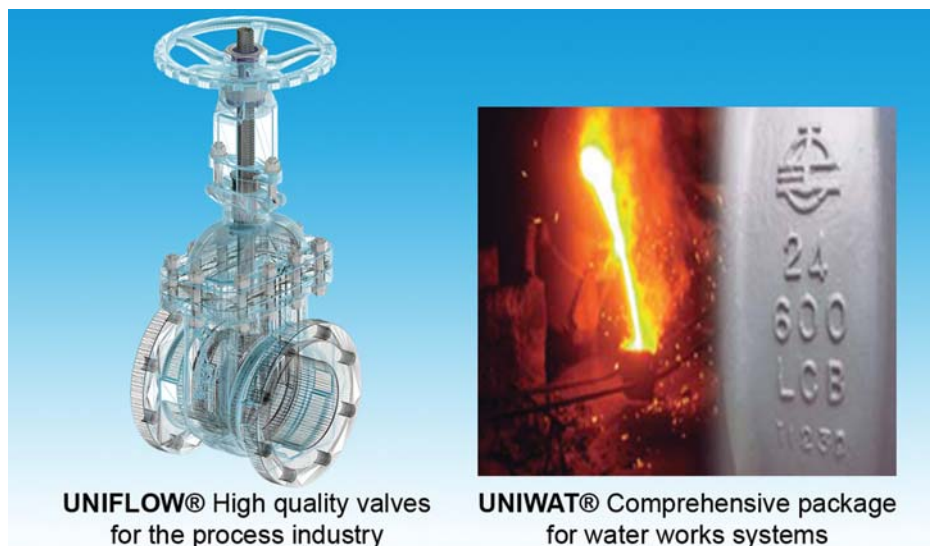
diverse materials, pressure classes and sizes in conformity with EN and ANSI design standards.

DIAVAL® is a niche-manufacturing programme of manual and actuated Diaphragm Valves, available in Weir and Straight Through patterns, rubber and fluoropolymer lined in diverse material grades and in EN / BS / ANSI design standards.

UNIWAT® is as very comprehensive portfolio of valves for Water Works Systems covering gate, butterfly, check and control valves, strainers and other ancillaries.

Our listed approvals are comprehensive of 2014/68/EU, API 6D, Fire Test API 6FA, WRAS, ACS, ATEX, EAC and TA-Lüft.

Our engineering shop is specialized in valve customizing to suit all customer requirements within short notice.



**UNIFLOW®** High quality valves  
for the process industry

**UNIWAT®** Comprehensive package  
for water works systems


Comeval®

A COMPANY OF THE  **ARMATUREN** GROUP

<b>Company</b>	
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<b>Email:</b>	comeval@comeval.es
<b>Website:</b>	<a href="https://www.comeval.es">https://www.comeval.es</a>

# Conflow SpA

Conflow Spa has been supplying steam and thermo-vector fluid controlling solutions, products and services for industrial and heat exchange processes since 1976. Our technical and sales team capitalise on over 40 years of experience in a very wide array of industrial areas to identify the best process automation solutions.

## The Conflow Spa plant in Agrate Brianza (Italy) produces:

- Pneumatic CONTROL and ON-OFF valves
- Electric CONTROL and ON-OFF valves
- Self-actuated pressure reducers
- Process instruments and devices for industrial plants automation
- Heat exchangers / Unfired steam generators / Condenser / Condensate separators / Biogas driers

The wide product range covers pressure ratings from PN10 to PN100 / ANSI 150 - ANSI 600 Class with sizes from DN 15 up to DN 250.

## Products comply with the following directives:

- PED Directive 2014/68/UE
- ATEX Directive 2014/34/UE
- EAC
- TA-LUFT 07-2002

Conflow is exclusive distributor for **POWER-GENEX** smart pneumatic, electro-pneumatic and smart digital converters and positioners for Europe.

V-TOP is the brand new control valve series by Conflow Spa designed to comply with the most demanding technical specifications: Quick change-trim / Multi-stages trim with low-noise design and anti-cavitation function / High range-ability and valve stroke for accurate flow control.

## Customer-driven quality policy

Conflow has been UNI EN ISO 9001 certified since 1996 and was one of the first valves manufacturers to obtain this certification in Italy. The company has always stood by the belief that "GUARANTEEING QUALITY IS A DUTY, EXPECTING QUALITY IS A RIGHT".

## Mission

To provide quality, highly-specialized and customized services for clients through a technical/sales team able to analyze

technological processes and respond to requests rapidly.

## Vision

To be a point of reference for process solutions, analyzing and fully understanding client requests, thus pursuing full client satisfaction.



**CONFLOW** s.p.a.  
FLOW CONTROL SOLUTIONS

### Company

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# CONTROL SEAL

Control Seal is a well-known and established manufacturer of highly specialized valves for severe and critical applications. It benefits from 30 years of experience in the valve business and over 100 years in precision engineering. The current installed base consists of over 220,000 valves worldwide for a wide range of applications in downstream and upstream business.

The main products of Control Seal consist of non-contact Rising Stem Ball valves, dual expanding Double Block and Bleed plug Valves, 4 Way Diverter Valves, Axial Flow/Check Valves and Control Valves. Besides that, Control Seal can produce other special products depending on customer requirements. Flexibility and straightforward approach are important values that move Control Seal among the world's leading valve makers.

Control Seal is recognized by the world leading EPCs and end users from oil and gas and petrochemical sectors as the approved vendor for their high-performance applications in critical or extreme conditions. The valves are installed mainly in refineries, pipelines, metering skids, airports, tank farms and offshore platforms.

Control Seal holds all necessary certification of the highest quality standards from ISO, API to ARAMCO approval, Shell approval and other. The main focus is on quality of each component that enables to manufacture the best quality product. The main benefit is longevity of the valves that brings end users cost savings in low maintenance requirements and spare parts need. Therefore, Control Seal valves is preferred choice for many EPCs and end users.



**CONTROL**  
**Seal**  
valve manufacturer

**Company**

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# Didtek Valve Group



Didtek valve group was founded in 1985 and established a new CSV digitalized factory in 2019.

Didtek valve has obtained complete certification, including API6D, ISO9001, Lloyd's CE Model H, CU TR-32/010, and API6FA, API607 fire protection certificate.

Our main products including gate valve, globe valve, check valve, ball valve, butterfly valve and so on. The products are mainly sold in the General Electric (USA), Siemens (Germany), ENI (Italy), PETROBRAS (Brazil), SASOL (South Africa), VOPAK (Singapore) and other global well-known Enterprises. The products are widely used in oil, natural gas, chemical industry, oil refining, power plant, storage tank, offshore platform and so on.

The newly built laboratory has the function of analyze the chemical, physical and mechanical properties of materials, as well as a variety of complete NDT inspection technologies such as RT, UT, MT, PT etc.

Didtek valve has become a recognized valve manufacturer with excellent quality and ability to meet various technical requirements of customers.

Now the company is committed to looking for powerful developers, stockers, engineering contractors and so on. We sincerely invite you to join us.

## Didtek CSV Workshop



### Company

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# Dynamic Corporation Limited

Dynamic Corporation Limited (DCL) is a leading electric actuator manufacturer in China with 19 years history. Each year, over 10,000 pieces of DCL electric actuators are exported to the USA and Europe. We continuously provide reliable and trustworthy services to thousands of customers from over 40 countries. Many of them are leaders of their industries.

Our products are steadily driving over 200,000 angle stroke valves in various complex field environments, including ball valves, butterfly valves, plug valves and needle valves. Application fields include HVAC, Water Heating, Refrigeration, Oil & Gas, Metallurgical Industry, Steel Plant, Chemical Industry, Water and Waste Water Treatment, Food & Beverage, Winery, Marine, Ship & Warship, Power Plant, Cement Plant, Compressor, Turbo, Boiler and Burner etc.

## Common Series Electric Actuator

1. Integral motor/control pack/housing design to reach compact volume and light weight
2. Rugged IP67 and NEMA 4X aluminum alloy enclosure, C3 level corrosion resistance
3. All metal spur gears and self-locking bronze alloy worm gear
4. Heavy duty motor with thermal overload protection for severe application
5. Full potted control pack with high performance EMC and control accuracy
6. Manual override with wrench or handwheel
7. Over torque protection, anti-condensation heater, local emergency power off button, potentiometer, position transmitter optional
8. Visual valve position indicator, flat or convex
9. CSA certified per UL and CSA standard/CE marked/RoHS 3
2. Rugged IP68 and NEMA 7 high pressure die cast aluminum alloy enclosure
3. Cylinder stop type flameproof connection surfaces per UL and ATEX standard
4. Stainless steel position indicator with 10mm high strength tempered glass
5. All metal spur gears and self-locking bronze alloy worm gear
6. Heavy duty non-ventilated motor with fire treatment with low temperature rise
7. Full potted control pack with high performance EMC and control accuracy
8. Over torque protection, anti-condensation heater, potentiometer, position transmitter optional
9. CSA certification in process per UL and CSA standard/CE marked/RoHS 3/ATEX/SIL 3

## Explosion Proof Electric Actuator

1. ExdIICT4 grade for ATEX/Class 1 Zone 1, Group C, D T4 for Class 1 Division 1



DCL defined the Chinese national standard of Marine Used Electric Actuated Ball Valve and Butterfly Valve. We have built a complete test system for compact electric actuators and set the benchmark for this industry of China.

At DCL, we not only produce superior quality products, but also explore and engineer flow automation. With full line of electric actuation products, valves and control systems, DCL can provide comprehensive fluid and gas automatic control solutions.



### Company

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**Website:** www.whdcl.com



# Eayuan Metal Industrial Co., Ltd.

EMICO (Eayuan Metal Industrial Co Ltd), established and well known internationally for its valve production, commenced operations in 1984 with its first production facility based in Lukang, Changhua County, Taiwan. A second manufacturing plant was established in Anhui China, and moved to Wuhu Anhui China in 2018, with Japanese collaboration. EMICO has an international sales center in Taichung to promote EMICO's products.

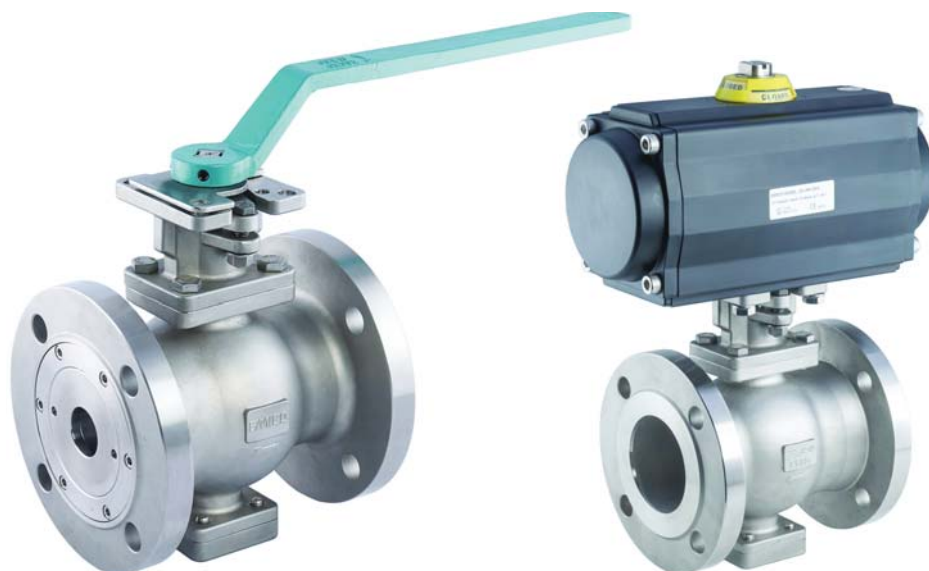
Based on the guidance of company strategy of Mr. Jason Lin, President of EMICO, together with the efforts of management and staff, EMICO's goal has always been to provide exceptional products with consistent superior quality, ensuring long-term customer support and trust. The company adheres to a set of values that is core of the business, resulting in employee commitment and customer trust and respect.

Along the way, EMICO has obtained various international quality assurance system approvals such as ISO 9001, PED CE, API 6D, along with numerous product certificates including Fire safe approvals, Australian Gas Approval, Fugitive Emissions tests ISO 15848, API 608...etc.

In 2012, EMICO set up its own Investment Casting foundry in Taiwan. EMICO is one of few integrated valve companies that have their own foundry as well as manufacturing facility for valve production. EMICO's valve product range includes floating and trunnion ball valve,

segment ball valve, v-port ball valve, gate valves, globe valves and check valves.

EMICO is seen as a reliable supplier you can count on for consistent high-quality, on-time delivery, and competitive prices.



## EMICO

### Company

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**Website:** www.emico.com.tw



# FANGZHENG VALVE GROUP CO., LTD

We (FZV) are dedicated to producing excellent valves, to achieve customer satisfaction based on the principle of quality assurance and continual improvement.

FZV is approved by many oil & gas companies such as: SHELL, CHEVRON, VOPAK, CNPC, SINOPEC, CNOOC, ENI, PDO, PETRONAS, KNPC, SASOL, SANTOS, etc. and EPC companies such as: WORLEY PARSONS, TECHNIP, FLUOR, SAMSUNG, HYUNDAI, JGC, CHIYODA, etc. We are specialized in supplying API 6D, API 600, API 6A, API 16C products and wellhead equipment.

Company was established in the year 1983. We are located in both Shanghai and Wenzhou China with total building area 76000 m<sup>2</sup>. Until now, we have expanded into a group with 6 holding companies, oversea branches, sales offices and sales agents; 780 employees worldwide; the maximum production capacity reaches up to 32,000 tons.

Recognizing the growing need, we developed our own laboratory for research & development for product design innovation and verification. We have the complete in house inspection facilities and test equipment to control the production quality such as for carrying out the



mechanical test (tensile, impact, hardness), PMI machine for chemical analysis; in house NDE test as PT, MT, UT; fugitive emission (FE) test for low emission requirement and Shell TAT, etc. We simulate tests in the critical working condition (test in high and low temperature, range from -196~550°C) and verify the product performance.

FZV is certified by ISO 9001, ISO 14001, ISO 18001, API 6D, API 600, API 6A, API 6A-PR2, API 607, APIQ1, CU-TR, ATEX and CE/PED, etc.

We are a humble and united team, to be more diligent and progressive to show integrity to our clients.



## Company

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China  
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**Website:** www.fzvgroup.com

# FBV INC.

FBV Inc. is a growing leader specializing in the design and manufacturing of industrial valves. FBV has sold worldwide in USA, Canada, South America, Europe, Middle East, South East Asia, and Africa serving various industries including Oil & Gas, Petrochemical, Refinery, Mining, and Power Industry.

FBV considers product quality and customers' requirements as our highest priority. We look forward to building new customer relationships by providing value, quality, customer service, honesty, integrity and the commitment to maintain product consistency with every order.

Today, FBV has over 600,000 square feet of manufacturing facilities. Through its conviction to provide only the finest quality products and services to match the need of our customers, FBV has now established itself as a serious player in the valve business.

## Certifications

- API 600 Certificate
- API 602 Certificate
- API 607 Certificate
- API 6FA Certificate
- API 6D Certificate
- CE PED Certificate
- ISO 9001:2008 Certificate
- Canadian Registration Number (All Territories)
- ISO 15848 CO<sub>1</sub>/CO<sub>2</sub> Certificate
- API RP591 Test Reports
- API 624 Test Reports



**Engineered Solutions**

**Company**

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Brookshire, TX 77423  
United States of America

**Phone:** +1 832-203-5459

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## Product Scope

Ball Valves	½" – 48" Class 150 – 2500 Floating, Trunnion, Top Entry, Multiport (3, 4, 5-way)
Butterfly Valves	2" – 76" Class 150 – 1500 Triple Offset, Concentric Lining
Check Valves	½" – 76" Class 150 – 2500 Swing Check, Piston Check, Wafer Dual Plate
Gate Valves	½ – 48" Class 150 – 2500 Bolted Bonnet, Welded Bonnet, Pressure Seal
Globe Valves	½" – 24" Class 150 – 2500 Bolted Bonnet, Welded Bonnet, Pressure Seal
Plug Valves	½" – 30" Class 150 – 2500 Sleeved type, Pressure Balance

## In House Capability

- Impact Testing
- Tensile Testing
- Hardness Testing
- Positive Material Identification (PMI)
- Fugitive Emission Testing
- Non-Destructive Testing: Magnetic Particle Testing (MT), Penetrate Testing (PT), Ultrasonic Testing (UT)
- Oxygen Service Cleaning



## Value Added Service

We are looking forward to working with more customers worldwide, creating value together. Our well laid out catalogs and extensive product oriented website enables interested customers to quickly find their target. Our web-based customer support system allows our customers to track orders and verify product authenticity immediately.

FBV provides Customer Membership System that includes Online Quotation System, Order Tracking System, MTR Downloads, and Shipment Tracking.

**Our Mission:** We commit to taking ACTION

- **A**dopt the latest technology to take the product quality to the next level
- **C**onsistently provide on-time services to our customers
- **T**rain and develop talented people with strong work ethics to deliver effective performance
- **I**mprove and enhance engineering designs to ensure product performance
- **O**ptimize management systems and increase productivity
- **N**ever forget our customer, employee and supplier needs



# FluoroSeal Group

We deliver high-quality valves, technical support and complementary services worldwide, using our large manufacturing footprint and network of warehouses, distributors and representatives. Excited by challenges, we take on difficult applications that others won't accept and provide the quality that others can't meet.



## A global force

Our group was formed in 2018 when Brdr. Christensen and Seguro joined the FluoroSeal family, increasing our manufacturing capacity and product range. We now have three defined divisions: FluoroSeal for the chemical, petrochemical, mining and related industries; Brdr. Christensen for oil and gas; and Seguro for water and wastewater management. Our expertise dates back to 1958, allowing us to marry history with innovation, and tradition with ambition. Together, we can meet complex clients' needs and lead the valve market into the future.

FluoroSeal Group is a global operation with over 600 employees. Our cross-functional team includes engineers, metallurgists, quality assurance specialists, designers and an international salesforce. We have fully-owned foundries and manufacturing plants in Canada, Denmark, China and Ukraine. Our global reach gives us the capacity to offer an extensive range of valves on demand, at competitive prices, in a wide range of exotic alloys.

Our culture is client-oriented, allowing us to meet complex needs with ease. We

can deliver swiftly during emergencies and unscheduled shutdowns, without compromising quality. The industries we work in are complex and ever-changing, and so are we. We're innovators, constantly seeking opportunities to refine our existing products and create new ones. Flexible and bureaucracy-free, we're able to respond quickly to change and make crucial decisions when it matters.

Our talented, experienced team leads our constantly evolving design and manufacturing work. Quality is everything to us, and we use the latest machinery, production methods, product testing methods, and quality control procedures. Our Quality Management System and manufacturing processes are ISO 9001:2015, PED 2014/68/EU, and API Spec Q1 certified. That's why we keep tight control over every stage of the manufacturing process, from design to metallurgy, casting to assembly, testing to delivery.

## Product Lineup

### Non-lubricated Plug Valves

- Lined Plug Valves
- Sleeved Plug Valves
- HF Alkylation Plug Valves

- Severe Service Plug Valves
- Special Service Plug Valves

### Lubricated Plug Valves

- Pressure Balanced Plug Valves
- Top Entry Taper Plug Valves
- Twin Pressure Balanced Plug Valves

### Ball Valves

- Lined Ball Valves
- Floating Ball Valves

### Butterfly Valves

- Lined Butterfly Valves
- High Performance Butterfly Valves

### Gate Valves

- Rubber Sealed Gate Valves

### Actuation

- Pneumatic Actuators
- Declutchable manual override

### Industries Served

- Chemical
- Fertilizer
- Food Processing
- Mining
- Oil & Gas
- Petrochemical
- Pharmaceutical
- Power Generation
- Pulp & Paper
- Steel Manufacturing
- Water & Wastewater



## FLUOROSEAL GROUP

### Company

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<b>Website:</b>	fluorosealgroup.com

# FRVALVE

FRValve as a professional forged steel ball valve manufacturer, with the most modern and the strongest equipment, and has one of the largest and most flexible capacities for large diameter pipeline ball valves in the world.

The latest computer technology is applied in all professional production and quality control process.

In recent years, FRVALVE has made huge breakthrough for the forged steel ball valve technology, from Top Entry Construction Design, Metal to Metal Sealing System, Low Temperature Service, Cryogenic working condition etc., to meet the most severe and stringent services of the Oil, Gas, Chemical, Marine, LNG and Power Industries.

The FRVALVE ball valves owe their success on the market to the perfect combination of design and performing characteristics. The most modern and reliable technology is always under first priority, which the metal to



metal sealing system, Top entry construction, Low temperature and Cryogenic sealing system were patented.

Under complete support from FRVALVE professional team, the products quality

is fully guaranteed by the BALL VALVE EXPERTISE SYSTEM.

The goal is to give our customers the best product at a competitive price, delivered on time and with the backing of a full service program.



## Company

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# FSK & ROBVALVE

FSK & ROBVALVE is dedicated to the design, manufacture, marketing and service of high-quality industrial valves. Located in Lyon, the industrial and technological city of France, FSK-Robvalve prides itself on product quality and timely service. After many years of valve production and application experience, we have developed a new generation of triple offset valves to meet a wider range of customers' requests and needs.

Relying on advanced R&D, design, verification, mature manufacturing process and quality control system, ROBVALVE (Tianjin) Co., Ltd was established in 2015, located in Tianjin (China) to serve Europe, North America, China and other Asia Pacific regions.

Depending on different requirements from customers, we offer products that function in environments from vacuum to ultra-high pressure, from cryogenic to ultra-high temperature, covering many different severe conditions, including oil & gas, LNG, refinery, chemical, coal chemical, power industry, heating system, etc.

Besides the Triple Offset Metal Seat Valve, we also produce a high performance butterfly valve (API 609 Category B, MSS SP-68), metal seat ball valve, resilient seat ball valves, floating and trunnion type, and C ball valve. Our certifications include ISO 9001, ISO 14001, OHSAS 18001, ISO 10012, CE/PED Module H, API 609 A/B, API 6D, API 607, API 6FA, TS, SIL, ISO 15848-1, TA-Luft, BS 6364 and other related quality system certifications or type testing approvals. Now our company has adopted the MES intelligent manufacturing management system



and lean production management concept, to ensure the quality of each part, and the traceability of the full manufacturing process. With an independent R&D center, advanced engineering design software, state-of-art manufacturing equipment, supplemented by complete testing and verification facilities, and a strict implementation of the relevant standards, we will continue to improve and develop, offering customers high-quality products and services.

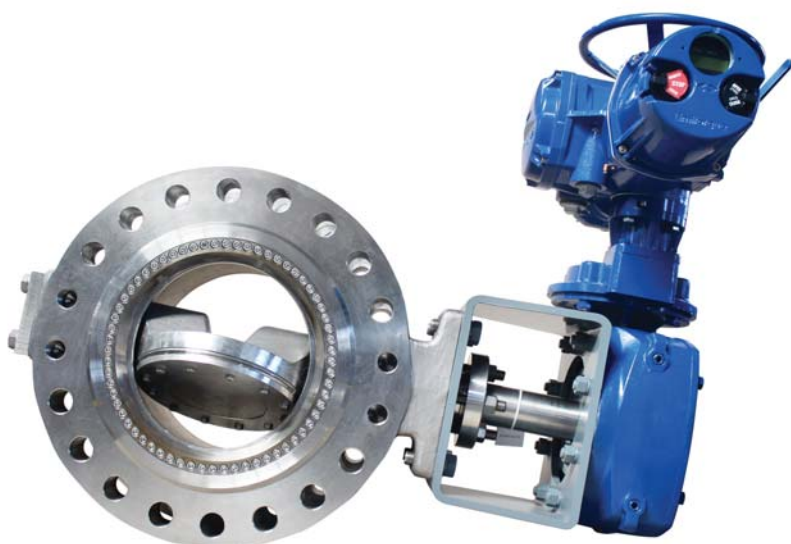
In 2019, based on market demand, the company was restructured into FSK-ROBVALVE, expanding the product range with FSK water treatment valves, including resilient seat butterfly valves, rubber seat gate valves, knife gate valves, variety type of check valves/strainers, etc., corresponding to different international standards, as well as some other valves customized for the seawater / desalination industry.

FSK range products also have a variety of international certifications, including drinking water certification for different countries, firefighting valve certification, etc., applicable for common water treatment industry, HVAC,



drinking water supply and fire protection systems.

For detailed products and certifications lists please refer to [www.fsk-robvalve.com](http://www.fsk-robvalve.com).



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# G M Engineering Pvt Ltd

## Experienced Manufacturer

Founded in 1996, G M Engineering Pvt Ltd ranks among the significant manufacturers & suppliers of industrial valves in India. The dynamic development is based on more than 24 years of tradition in the field of industrial valves manufacturers. Our products meet the highest standards, and quality has become second nature to us. This gives us the chance to focus our attention and our efforts on something equally important: our clients and our agents.

## Infrastructure

With a work force of more than 350 satisfied employees we are able to manufacture more than 60,000 valves per month. We are setting up a world-class factory of 500,000 Sq feet by Mid 2021

## Spheres of business activities

Our products are used by satisfied customers in more than 15 countries around the world in the following industries: oil and gas industry, chemical and petrochemical industry, water supply, Refineries as well as for Original Equipment Manufacturers (OEM). We participate in major projects and implement deliveries of technological turn-key projects. We are a fully integrated valve manufacturer with the ability to perform in-house casting, machining, assembly, testing & inspections to ensure the highest product quality, process control & optimal customer success.

## Product Range



Ball Valve



Plug Valve



Butterfly Valve



Lined Valve



Gate Valve



Globe Valve



Check Valve



Water Check Valve



Forged Steel Gate Valve



Forged Steel Globe Valve



Forged Steel Check Valve



Piston Valve

## Own Development & Design

Our pride is the development and manufacture of special valves that are supplied according to specific customer requirements. These valves operate in extreme conditions. We use the latest technology and modern technical equipment. During the last year we had supplied many Ball Valves up to 750 mm x 600# Class to various gas pipelines projects in India. Effective management of warehouse helps to solve urgent needs of our customers.

## International Standards

Our products meet the highest quality standards in accordance with the technical specifications of International standards like ASTM, NACE, EN, API, ANSI, BS etc. We hold the comprehensive set of certificates: ISO 9001:2008, API Spec 6D, Fire Safe, Helium Leak Test, Cryogenic Test, Fugitive Emission Test and many more. We are India's Largest Forged Steel Valve Manufacturer.



### Company

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# GENEBRE

Genebre is a leading company and world reference in valves and accessories for fluid control/regulation and high-quality taps. We control all of the creation processes, responding to the specific needs of each market: from the initial concept and design of the product to the production and commercialization.

Since its founding in 1981, we have combined important innovation skills with a strong commitment to the international market.

Genebre is a world leader in fluid control. We have made a strong commitment to the diversification of our product range and to reaching the end user. Genebre products are grouped into four main lines:

- 1 Hydrosanitary line: valves, climate control valves, gas valves, solenoid valves, brass fittings and water meters
- 2 Industrial line: industrial valves, sanitary valves, automation and control, stainless steel fittings, and industrial instrumentation
- 3 Domestic taps line: bath and kitchen taps, accessories and spare parts

- 4 Public taps line: timed and electronic taps, medical taps, industrial kitchens taps, thermostatic mixers, technical mobility supports, accessories and spare parts.

GENEBRE'S PRODUCT GUARANTEE IS RECOGNIZED WORLDWIDE

GENEBRE has implemented a quality management system to control the designing and manufacturing of fluid control valves, as well as home and public taps.

- This system complies with the requirements of the current international UNE-EN-ISO 9001, certified by the prestigious German certification organization TÜV Rheinland.
- ISO 14001, certification for the Environmental Management System. This system is certified according to the UNE-EN-ISO 14001, and also by TÜV Rheinland
- UNE 166.002:2006, R+D+I Management System
- CE stamp for industrial valves according to Pressure Equipment Directive 97/23 / EC external certification by TÜV Rheinland,



- N Aenor stamp for the gas valves line,
- Water quality certification, confirming compliance with the health criteria of water quality for human consumption (RD 140/2003 7 February – Spanish legislation), and the European Directive 98/83/ EC of the European Council, 3 November 1998, relating to the water quality intended for human consumption by “Laboratorios Oliver Rodas”
- EC homologation and other specific certifications for markets in Belorussia, Chile, Poland, Russia and Ukraine.

More than 38 years of history, a team of 185 professionals, export to 110 countries, headquarters in Barcelona, subsidiaries in Argentina, Brazil, Mexico, Uruguay and China.

Above all, we have a sustainable mentality focused on saving water and fluids, and we aim to generate a positive impact on people and the environment.



## GENEBRE

Company

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Website: www.genebre.com

# grm Válvulas e Instrumentación s.l.

**GRM, Valves and Instrumentation, S.L.** is an industrial product distribution company specialized in **flow systems**, which has a team of technical professionals with over 40 years of experience ready to advise you and become your best collaborator. Our product range includes valves, automatization, instrumentation and industrial pipes.

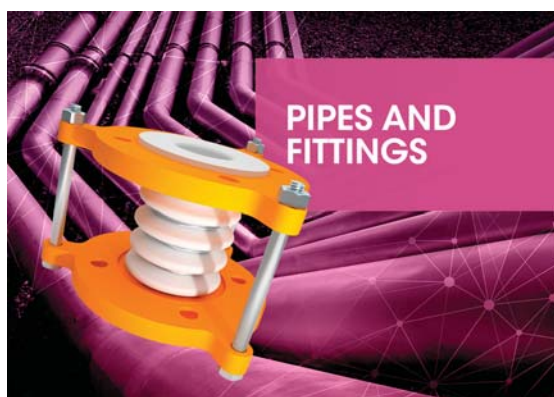
Since its inception in **GRM, Válvulas e Instrumentación, S.L.** we continued working to improve our services and achieve the best customer's experience. Because of this, we have established **special agreements** with our brands, a selection of prestigious manufacturers and high quality products that fits in every sector of industry. We work hand by hand with brands such as: Afriso, Cepex, Coax, Cora, Diflon, Georgin, Kitz ISO Corporation, KTN valves, Persta Armaturen, Prisma, Quadax.



From the smallest inquiry to the largest project, we always offer our customers advise from our high qualified and experienced engineer department, to ensure that the product will satisfy the customer needs.

Our transports include all risk insurance worldwide. We work side by side with the best companies to make sure that orders always arrive successfully. **GRM, Valves and Instrumentation, S.L.** is committed to quality and is committed to the highest characteristics in all our services. The **quality department** carries out continuous improvement exams so that each product is certified by the most recent and demanding quality standards.

Our mission is to continue looking for the **best industrial manufacturers worldwide** for our customers and our vision is based on considering ourselves more than just a supplier, a **partner for our customers.**



## Company

**Name:** VÁLVULAS E  
INSTRUMENTACIÓN S.L,  
GRM

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**Website:** www.grm.com.es



# Guide Valve Limited

Guide Valve Limited established in 1980 with its headquarters in Ontario, Canada specializes in the manufacturing of valves. We are the manufacturer of the trademark bands GVS, VCI, Lowe and GVS-Malema. Our products are based on the most advanced technologies and are used in all sectors from petrochemical refining process to transportation and distribution of the end-product.

## PRODUCT:

**GVS®-** The GVS trunnion mounted ball valves are tested and manufactured to API 6D, CSA Z245.15, API 608 and API 6A. We specialize in DIB1, and DIB2 design and the product is available for services such as SAG-D, Amine, Acid gas, CO<sub>2</sub> and available in many special trims, metal seats, fugitive emission stems etc.

**VCI®-** We are a leader in the Automatic Emergency Shut off valves certified by FM 7400 and CSA 6.5. in temp range from -60 °F to +149 °F. We also have manual soft seated and metal seated designs. Our T-400 Series Multi-Port 3 or 4 way ball valve is the only valve with the patent design of integral bleed ports in thus eliminating the need for bleed flanges.

**LOWE-** This patented quarter turn rotary wedge design with metal to metal seal is



GVS-Malema M-XF

suited perfectly for the high temperature up to +1200 °F. For some of the harshest conditions out there this valve is a solution provider.

**GVS-MALEMA-** Malema is a field adjustable safety excess flow valve this provides instant shut off in the event of a line break, and excellent for remote applications.

## BETTER BY DESIGN SLOGAN

Our "Better by Design" mantra is driven from the top down in our company. This assists us in maintaining the best quality of valves in the industry as our manufacturing process and attention to quality and testing



ensures we keep our customers coming back time and time again. Ask about our lifecycle program commitment to installation and service.

Guide Valve Ltd is a world class quality valve manufacturer. Our commitment to providing our clients with leading edge technology and fit for purpose solutions for the toughest applications is our specialty.

Our quality management, engineering and innovation are what separate us from our peers. Owning every step of the process along the ways allows us to maintain superior results for our customers.



GVS Trunnion Mounted



VCI T400 LOWE



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# ID Insert Deal Srl

## Shaping your fluids

ID Insert Deal Srl is an Italian family company with more than 40 years' experience in manufacturing devices to handle compressed air, gaseous and liquid fluids.

World-class devices performance is assured by a full portfolio made of Brass, Aluminum Alloy and Stainless Steel AISI316L.

Proven Quality and Reliability, best-in-class materials and services.

"Made in Italy" is guaranteed for the whole product range.

More than 50 resellers, distributors & partners around the world.

### Product description

Pressure Regulators, Filters, Filter-Regulators, Relief Valves, Lubricators and decompression units for oil&gas, chemical, food & beverage, laboratories, firefighting systems, laser cutting machines, gas producers and installers.

- Inlet pressure up to 350 bar.
- Temperature range: - 60°C ~ 300°C
- Degree of filtration: coalescent (99,99%) ~ 50 µm.
- Process connections: Gas or NPT threaded (from 1/8" to 6"), ISO or ASME flanged, clamp according with ASME BPE or bottle connection according to UNI 11144, DIN477, BS341 or NF E 29-650.

Customized & special solutions are available as well.

### Certifications

- Quality Management:  
System ISO 9001-2015



- Products  
PED 2014/68/EU,  
MOCA 1935/2004, ATEX 2014/34,  
EAC TR CU 010, 012, 032
- ADNOC vendors accreditation.

Insert Deal has a wide range of products and solutions AISI 316L certified MOCA 1935/2004/CE suitable to be in contact with food & drinks

and for building plants for the alimentary industry.

Our devices are used in storage & distribution operations and in final regulation of fluids and gases in the food & beverage sectors. The choice of materials and the accuracy of the production processes, in compliance with good product manufacturing practices (GPM) 2023/2006/CE, guarantee high quality and reliability.



#### Company

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**Email:** commerciale@idinsertdeal.com  
**Website:** www.idinsertdeal.com

**210FR Aluminium filter-regulator with connections 3/4", 1" 1/4, 1" 1/2.** Available with inlet pressure up to 30 bar. The bodies and cups are obtained by die casting and are superficially treated by an anodizing process.



**312FR Stainless steel filter-regulator** Connections 1/2" and 3/8" with inlet pressure up to 80 bar. Excellent mechanical resistance.



**R3114 Stainless steel self-operated pressure regulator with 1/4" connection.** Inlet pressure up to 60 bar. Suitable for heavy duty and corrosive environments or extreme temperature condition.



**R3133 Stainless steel self-operated high pressure regulator for applications on cylinders.** Available with inlet pressure up to 400 bar.





# Indra Srl

Set up in 1987, Indra is at the forefront in designing and manufacturing new concept instrumentation valves: ball valves, SBB & DBB valves, monoflanges, manifolds, needle valves and interlocking manifold SIL 4 for HIPPS systems, strictly produced in accordance with the most stringent quality standards of safety and efficiency. The company is characterized by 'Made in Italy' and by monitoring all the production's steps, from engineering to construction. A product traced in all its phases of production and the certain origin of the materials are fundamental characteristics in critical applications of various industrial sectors.

The experience in the understanding of applications requirements, combined with the high flexibility, allows Indra to develop customized solutions designed for customers' specific needs. The products are machined mostly from standard materials but also from those 'exotic' materials used for critical applications (Duplex, Super Duplex, Monel...).

Indra products are intended to plants and machinery of the highest value and technological content. Hence the need to guarantee the highest quality. For this reason the company has modern machinery for very precise mechanical processing, with testing phases of every single product during the various production steps.

Indra products are widely used in the Oil & Gas, Chemical, Petrochemical, Off-Shore, Power Generation, LNG industries, etc., used as components of plants and machineries with a high commercial and technological value.

Indra is ISO 9001, 14001 e 18001 certified, proof of a company that works according to objectives of growth and continuous improvement.

The product certifications are also indispensable: Fugitive Emission, Fire Safe, Ped, Atex, are just some of the certifications available to the customer on request.

The company headquarters is in Magenta - west of Milan - in a 4.000 sqm owned building, 3.000 sqm of which are designated as production area. Indra is currently setting up its world wide business-network with several local distributors.

Regarding investments: Indra in 2019 expanded the production department area and built the bunker for high pressure testing.



*Hipps SIL 4 Interlocking Manifold*



*Trunnion DBB Valve*



*One Piece Twin DBB Valve*



*Manifold*

<b>Company Name:</b>	Indra Srl
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<b>Email:</b>	indra@indra.it
<b>Website:</b>	www.indra.it

# Industrial Valve Supply B.V.

Industrial Valve Supply B.V., (formerly known as IVS Industrial Valve Supply and now part of IVS Holding B.V.) located in The Netherlands, is an ISO 9001:2015 Certified, international and independent supplier of various Valve types, Controls & Accessories. We are specialized in 'special -' or 'hard to find-' or 'hard to obtain-' valves, from (own-) stock or short lead time valves in exotic materials, or with specific brand, approvals or specifications.

We deliver all kinds of sizes, classes and materials, related to the ANSI & DIN market. We are focused on Daily Trade and (small-) Projects and for delivery of commodity items as well. We offer single piece valves up to complete valve packages. One stop shop, for all your valve needs.

We source throughout the world to maintain the best quality and delivery for all our customers. Our extensive network and strong relationships with stockists and key manufacturers give us the confidence to deliver the service, quality and value our customers have come to expect.

With over the last 20 years of experience, IVS is able to establish itself as a reliable, experienced valve supplier based on a proven reputation for exceptional service. We are focused on valve deliveries, complying with your needs, specs, price and requested, 'just in time' delivery.

Combining stocks and production of a wide range of valves, with technical expertise in their specification and use, we are relied upon to source and/or modify valves that precisely meet our client requirements and deadlines.



By working in close contact with our customers, we ensure the correct valves will be delivered with the applicable specifications and that all appropriate standards are met.

Delivery of high quality from well-known brands and related factories.

All of our products are new and fully certified in accordance with applicable laws and regulations.

All products are supplied with full 3.1 certification and standard manufacturer's warranties.

IVS key-points are, listening, questioning, thinking, calculating, planning, advising, automate, locating stock, assemble and test, quick delivery, immediate help, reliable, flexible, accessible, capable of solving your problems fast and efficient. In short words; after-sales service!

Our extensive product line consists of a broad range of Gate, Globe, Check, Ball, Plug, Butterfly, Control, Diaphragm, Instrumentation, -Valves utilized throughout the markets of Oil



and gas, Refinery, Petrochemical, Energy, Pulp and Paper, Power Plants, Water & Waste Water Industries and Tank Terminals.

Valve constructions:

Forged, Cast, High Pressure Seal, Cryogenic, Bellows Seal, Jacketed, Extended bonnet, Valv-O-Let, Floating, Trunnion, DBB, High Performance, Resilient, Centric, Double and Triple eccentric, Wafer, lugged, Subsea, Pneumatic-, Electric and Hydraulic actuated.

Additional items like: Y-T-Strainers – Steam traps – Safety Valves – Sight Glasses – Solenoid Valves – Compensators – Flame and Detonation Arresters, Insulation jackets,...



**INDUSTRIAL VALVE SUPPLY**

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**Website:** www.industrialvalvesupply.com





# INOXYDA SA

INOXYDA is a sand casting foundry specialized in copper based alloys since 1924, more specifically in Nickel Aluminium Bronze for valve and pump applications. We can manufacture castings up to 30 Tons. Parts are delivered:

- as cast, rough or fully machined
- in some cases forged,
- with/without heat treatment.

## INOXYDA, A REGISTERED BRAND NAME:

As a focused Nickel Aluminium Bronze alloy supplier, we can deliver according to all international standards (EN, ASTM, BS ) but also according to our own registered brand developed to include specific requirements:

- Inoxyda 53H / 3P for cast parts
- Inoxyda 90 / 3P for sheets and bars
- Inoxyda 53 AMA for non-magnetic casted parts
- Inoxyda 154 for high resistance cast parts

These alloys have specifically been engineered to provide high mechanical performance and good resistance to corrosion. This combination of properties make INOXYDA alloys ideal for a wide variety of industrial applications (including naval and military applications):

- Valves for oil & gas, chemical and offshore industries
  - Butterfly discs up to 114"
  - Gate valve bodies up to 40"
  - Flanges

- Heat exchangers
- Pump casings and impellers

Our long experience of process simulation using MAGMA SOFT software enables us to work on the most complex projects to provide world class quality standards.

## MANUFACTURING PROCESS RANGE:

SAND CASTING:	from 1kg up to 30 T
CONTINUOUS CASTING:	Ø 100 to Ø 415 mm
TUBESHEET:	Up to 10 T
CENTRIFUGAL CASTING:	up to Ø 6m / 20To (LBI group)

Other requirements such as rolled plates and welding wire for our INOXYDA brand available upon request.

## QUALITY:

INOXYDA is ISO 9001 certified and can provide a wide range of analysis using our in house laboratory. Among regular customer requirements:

- Mechanical properties (Rm, Rp 0.2, A%, resilience)
- Chemical analysis,
- Micrographic test
- Ultra-sonic test
- Dye penetrant test
- X-rays
- Pressure test,



To complete those capabilities, we hold the necessary agreements and certificates from:

BUREAU VERITAS, LLOYD'S REGISTER OF SHIPPING, AMERICAN BUREAU OF SHIPPING, GERMANISCHER LLOYD'S, TUV, DET NORKE VERITAS, RINA

## LBI Foundries:

As a member of the LBI group of foundries (50 M€ / 350 employees / [www.lbi-foundries.com](http://www.lbi-foundries.com)) we hold references worldwide and can support your projects with sand casting, continuous casting and centrifugal casting capabilities.



**FONDERIE  
d'ALLIAGES CUIVREUX**

### Company

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**Email:** [olivier.gouriou@inoxysa.fr](mailto:olivier.gouriou@inoxysa.fr)  
**Website:** [www.inoxyda.fr](http://www.inoxyda.fr)

# International Standard Valve

International Standard Valve, Inc. is located in the great industrial district of Stafford, Texas. The corporation's key management team comprises over 60 years of industrial valve manufacturing experience.

To better serve ISV customers, they are pleased to announce that as of March 2019, International Standard Valve has completed their relocation to a new and expanded size facility. The new location is approximately ¼ mile from the previous facility. International Standard Valve produces their own brand of ball valves, gate, globe & check valves specifically designed for the oil & gas, refining, natural gas, power generation, chemical, petrochemical, pulp & paper and mining industries. With double the square footage of their new facility, ISV is now capable of manufacturing and testing valves up to 42".

ISV valves are approved by several major midstream oil & gas companies, gas utility, petrochemical and major globally based oil & gas companies.


ISV's core competences reside in two key areas of valve manufacturing: The manufacture of fully code compliant valve products and a multi-layered quality assurance program. ISV offers a wide variety of valve designs that are in full compliance with API and ASME piping codes and standards, providing users an extensive array of commonly requested valves



and special designs that meets industry standards as a norm.

ISV's quality assurance program is certified to API 6D, API Q1 and ISO 9001 Quality Management Systems and additionally include unique levels of in-house pressure testing of our internationally produced valves at the ISV Stafford facility. ISV also maintains material

certification data base at the component level for extended product reliability with Material Test Reports available with every shipment. International Standard Valve continues to serve a wide variety of industrial markets including oil and gas, refining, petrochemical, natural gas pipelines & distribution in North America, South America, West Africa, Middle East, Western Asia and South East Asia.



**Company Name:** International Standard Valve

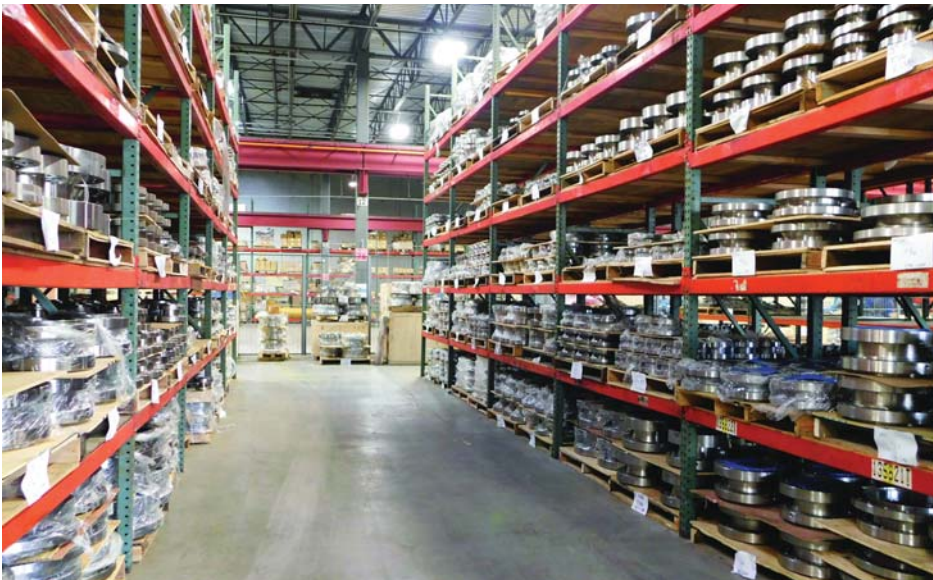
**Address:** 13124 Trinity Drive  
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United States of America

**Phone:** 001 7139837600

**Fax:** 001 7139837602

**Email:** sales@isvalve.com

**Website:** www.isvalve.com





# Jinan Meide Casting Co., Ltd

Established in 1961, with almost 60 years of development, Meide Group has established itself as a large-scale multinational group company specialized in the production of fluid conveying products, electric power fittings, pig iron, grouting sleeves, and related technical services, supplemented by equity investment. As a world leading supplier in fluid conveying industry, our products cover all kinds of carbon steel pipes, valves, malleable iron pipe fittings, grooved pipe fittings, stainless steel pipes, press fittings, flexible hoses, seismic brackets, etc., with production bases in Jinan, Linyi, Hebi, Deqing in China, Bangkok in Thailand, Dong Nai and Quang Nam in Vietnam, Meide Group has established a cross-regional, multi-base, international development structure. The company has won more than 400 honors including China Top 100 Light Industry Enterprises, China's Leading Enterprise of Malleable Iron Pipe Fitting Production Base, China Green Foundry Model Enterprise, National Contract-honoring and Integrity Enterprise, Champion of Technology Manufacturing Industry of Ministry of Industry & Information. Inheriting ingenuity and pursuing excellence. Meide products serve many kinds of application fields like water, fire protection, gas, HVAC and irrigation etc., with our sales network in over 130 countries and regions around the world. MECH brand products are widely used in landmark buildings and projects, like Burj Khalifa Tower in Dubai, New World Trade Center in New York, Shanghai Tower, UHV transmission lines and Beijing-Shanghai high-speed railway. Meide Group is also the inventor and patent holder of the double press fittings in the stainless steel field, and the drafter of national standards. Adhering to the customer-centered product development and innovation concept, to meet and guide the growing needs of



From 1961 Based on foundry To Provide Safe & Reliable Products and Smart & Complete Solutions for Clients in Fluid Conveying Industry Across the Globe.



users, to provide safe & reliable technology oriented products and solutions for clients in fluid industry across the globe, Meide Group has become leader of the industry. Based on the National-recognized Enterprise Technology Center and Post-doctoral Scientific Research Station and other R&D innovation platforms, Meide Group actively promotes the transformation of technological innovation achievements to productivity. Meide has completed the transformation of production technology from mechanization to automation and intelligence, transformation of operation management mode from experience to institutionalization and process, and transformation of marketing from selling products to providing solutions, steadily increasing our role in global value chain. Valve is one of the top strategic products of Meide Group. In the last few years, the company has managed to complete its product ranges to include gate valve, butterfly Valve, check valve, globe valve, air valve, balance valve, hydraulic control valve, hydrant, alarm valve, water flow indicator, supervisory switch, pressure switch, strainer, rubber joints, etc., to ANSI, BS and



DIN standards, with a general size ranges from 2"/DN50 to 24"/DN600 and some special valves to even smaller and larger sizes, and with complete certification including UL/ULC/FM/VdS/APSAD/CCTF/CE/EAC/NSF/WRAS/ACS/WATERMARK etc. Today Meide valves are well distributed in over 80 countries and regions with an annual sales volume of around 60 million USD\$, and the total production capacity reaches 2,500,000 sets.

 <b>玫德集团</b> MEIDE GROUP	 <b>MECH</b>
<b>Company</b> <b>Name:</b> Jinan Meide Casting Co., Ltd <b>Address:</b> Meide Science & Technology Park Industrial Park Pingyin Jinan China 250400 <b>Phone:</b> +86 531 87885062 <b>Email:</b> info@meide-casting.com <b>Website:</b> www.meide-casting.com	



# JOHN-VALVE MFG. FACTORY CO., LTD

JOHN-VALVE MFG. FACTORY CO., LTD is a leading Steel and Special Alloy valves manufacturer based in Taiwan since 1981. JOHN-VALVE supplies reputable industrial valves that are widely used in: Refinery, Chemical, Petro-chemical, Oil & Gas, Oilfield, Marine, Shipbuilding, Mining, Pulp & Paper, Water & Wastewater, Pharmaceutical, Biotech, Food & Beverage industries. We serve in global market projects. Today, we export to over 80 countries throughout the world. JOHN-VALVE offers extensive range of top-quality valves for your projects solution. Specialized for critical environment valve applications in High & Low temperature, abrasive and hazard services. Our products are designed and manufactured according to ANSI/JIS/EU standards and customized requests welcomed.

#### Product Range:

- Ball Valve
- High pressure Ball Valve
- Metal Seated Ball Valve
- Fire Safe Ball Valve
- ATEX Ball Valve
- Cryogenic Ball Valve
- Double Block and Bleed Ball Valve
- Marine Ball Valve
- Bronze Valve
- Gate Valve
- Globe Valve
- Check Valve
- Strainer
- Butterfly Valve
- Bellow Valve
- Needle Valve



We have success experiences in cooperating with EPC companies worldwide. Welcome All Global Distribution Network cooperation & Project Inquiry! All 3rd party and marine approved certifications guarantee perfect quality assurance from John-Valve.

#### Certifications:

- ISO-9001:2015
- CE/PED 2014/68/EU-Module H
- AD2000-Merkblatt Wo, PMA
- EAC Certification
- ATEX 2014/34/EU,
- TA-Luft/ISO 15848,
- API-6D
- API-607/ISO-10497, BS 6755,
- BS 6364 Cryogenic Test Certified.
- CRN Certification
- Marine Classification Societies approved in Lloyd's Register, DNV-GL, Bureau Veritas.

#### In-plant Testing Laboratory Capability:

- 3D coordinate measuring machine
- Air & Hydrostatic Testing
- Chemical Analysis, PMI test
- Tensile & Charpy impact test
- Cryogenic test, Life cycle test
- NDT- Dye penetration testing and X-Ray testing.

We offer the best service and professional sales team; holds comprehensive inventory in house to ensure punctual delivery; well-educated mechanical engineers for solving technical issues; continuously innovate



new products with research and development; increasing our customer service to a higher level. The best quality and service are John-Valve's commitment to all of our dear customers worldwide. Whenever you need us, John-Valve serves you!

- All of our Valves are 100% tested before shipment, the tightness level reach to ANSI/FCI 70-2 Class VI & EN12266-1 Rate A.
- John-Valve Cryogenic Valve passed the BS6364 test at -196°C with Zero Leakage. John Valve high temperature HVOF Metal Seat Ball Valve is API607 Fire safety approved with Rate A Zero leakage. High pressure #600~#2500 series are made from Bar or Forging material.
- Special Alloy capability: Duplex/Super Duplex/SMO254/Hastelloy/Alloy20/Monel/904L/LCC/LCB/Titanium/NAB.



#### Company

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# KCON VALVE MFG. CO., LTD.

Established in 2001, KCON Valve focuses on pipeline and process valve design and manufacturing. To list a few projects that KCON Valve has executed in the past years:

- Train 3 of WARA Pressure Maintenance Project in 2019.
- Chiba Arkon Plant (CAP) Project in 2019.
- Hassyan Clean Coal Power Plant - Phase I (4X600MW NET) Project in 2018.
- Anokyi Mainline Compressor Station (AMCS) EPCC Project in 2018.
- Chittagong-Feni-Bakhrabad Gas Transmission Parallel Pipeline Project in 2017.
- Comprehensive Natural Gas Treatment Project of Kajansa Oil Field, Aktobin Prefecture in 2017.
- Giza North Power Project and South Helwan Project in 2016.
- Missan Oilfield BUT Upgrade and New CPF Project in 2015.

## KCON supplies

- Pressure Balance, Lubricated Plug Valves
- DBB Plug Valves
- 4-way Plug Valves
- Side Entry Ball Valves
- Top Entry Ball Valves
- Fully Welded Ball Valves
- Metal Seated Engineering Ball Valves
- 3-way (Piggable) / 4-way Ball Valves
- Cryogenic Ball Valves
- Jacketed Ball Valves
- Through Conduit Gate Valves
- Swing Check Valves

## KCON certificates

- API Q1 9<sup>th</sup> ED by API
- API 6D 24<sup>th</sup> ED by API
- API 607 6<sup>th</sup> ED by TUV
- API 6FA 3<sup>rd</sup> ED by TUV
- CE/PED by DNV
- ATEX by DNV
- ISO9001:2015 by DNV
- ISO14001:2015 by DNV
- OHSAS18001: 2007 by DNV
- TS by AQSIQ



## KCON objectives

Making every effort to satisfy or exceed customer needs by:

- Engineering Service
- Competitive Price
- Reliable Quality
- Quick Delivery

## KCON values

INNOVATIVE, PERSPECTIVE, AUTHENTIC, EXECUTIVE.

KCON Valve, your partner for Oil & Gas Projects.

# KCON<sup>®</sup>

### Company

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**Fax:** +86-838-6839880

**Email:** overseas@kconvalve.com

**Website:** www.kconvalve.com

# Kingdom Flow Control Co., Ltd.

Having served the industry for over 40 years, Kingdom Flow Control ("KI") is a reputed manufacturer and exporter of Investment Casting Industrial Valves. KI's headquarters is located in Taiwan with its two factories of 100% Taiwanese capital operating in mainland China. Our factories are fully vertically integrated: All product design, casting, machining, assembly and testing are executed 100% in house to provide consistent high quality.

KI Research and Development combines the most talented designers with the most advanced design technologies to produce the finest products available. The result is an optimized, high-speed product research cycle, giving KI products an industry leading advantage right from the development phase.

KI has built its business into a world-class enterprise by building its brand through consistent quality, capacity and customer service. Our corporate philosophy is built around research, development, innovation, service, teamwork, sharing and achievement and will continue to lead KI products into the future.



## Product range includes:

- Soft Seated Ball Valves of Flanged Ends and Threaded/BW/SW Ends.
- Metal Seated Ball Valves
- Trunnion Mounted Ball Valves
- Lined Ball Valves
- Cryogenic Ball Valves
- Flanged Gate/Globe/Check Valves
- Control Valves
- Pneumatic/Electric Actuators
- Triple Offset Metal Seated Butterfly Valves

## Pressure Range:

- ANSI Class 150~1500
- DIN PN10~40
- JIS 10K, 20K
- 1000 ~ 2000 psi

## Product Certifications:

- SIL 3
- ISO 15848-1
- TA-Luft
- API 607
- ATEX
- CRN
- Lloyd's, DNV, BV

## Size range:

- 1/4" ~ 24"

## Available Material:

- Stainless Steel
- Carbon Steel
- Nickel Alloy
- Duplex and Super Duplex

**KI Group**

Taiwan



Zhongshan



Fujian



Suzhou



Vietnam



**Kingdom**

FLOW CONTROL CO., LTD.

### Company

**Name:** Kingdom Flow Control Co., Ltd.

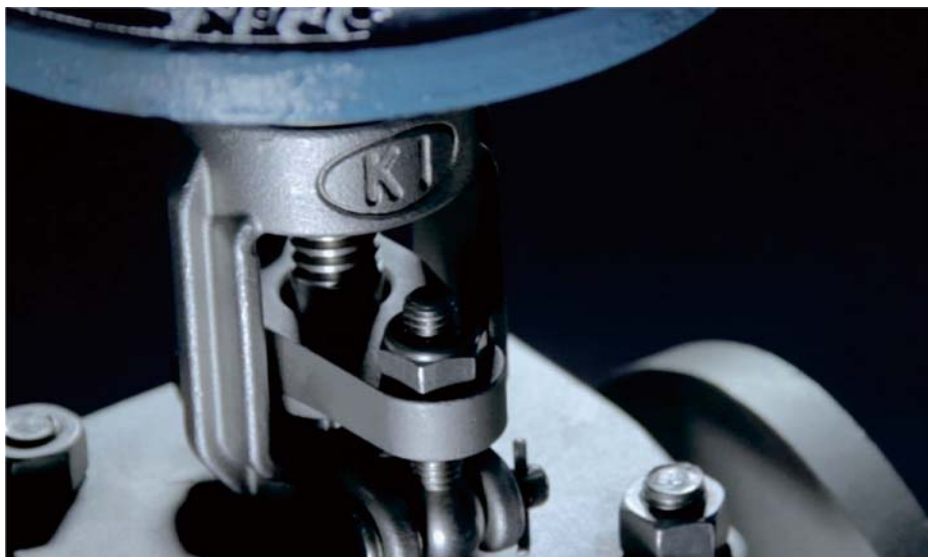
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Taiwan

**Phone:** +886 7 7713121

**Fax:** +886 7 7235165

**Email:** sales@kifc.com

**Website:** www.kifc.com





# KITZ Group

## KITZ – A Reliable Brand

The KITZ Group offers a line-up of over 90,000 types of products trusted by customers in and out of Japan for their top quality. The KITZ Group boasts an expansive brand portfolio.

## KITZ CORPORATION

Since its foundation in 1951, KITZ has combined first-class product quality with a fully integrated production system. As an all-round player, KITZ provides countless product items worldwide, with particular strength in building utility markets and hydrocarbon processing industries.

## KITZ CORPORATION OF EUROPE, S.A.

KITZ Corporation of Europe works on a variety of carbon and stainless steel ball valves. KITZ Corporation of Europe became a part of the Group in 1991.

## Perrin GmbH

Perrin is specialized in metal-seated ball valves used in severe applications of petrochemical processing and chemical plants where corrosion and abrasion resistance is a critical requirement for valves. Perrin joined the Group in 2009.

## TOYO Valve Co., Ltd.

Toyo Valve was the first company in Japan to manufacture valves. It joined the Group in 2004. The products are highly reputed in building utilities and fire prevention markets.



## Miyoshi Valve Co., Ltd.

Miyoshi Valve focuses on building utilities markets centering on water supply systems. Valves for turbo refrigeration units and regenerative air conditioning units are its unique products. Miyoshi Valve joined the Group in 1999.

## Shimizu Alloy Mfg. Co., Ltd (SGS)

SGS's products range from valves for water supply systems to those for water purification systems. SGS became a part of the Group in 1995.

## KITZ SCT Corporation

KITZ SCT manufactures valves and fitting for semiconductor manufacturers and other factories where high-purity fluid is handled. KITZ SCT joined the Group in 2001.

## YKV Corporation

YKV was incorporated in 1988 as a joint venture of KITZ Corp., Yokogawa Electric

Corp., and U.S.-based Valtek Inc.

YKV produces control valves for various applications.

## Micro Pneumatics Private Limited

Micro Pneumatics is a valve manufacturer with development, production and sales base of industrial and ball valves in India and has strength in engineering to produce high quality products and sales to main markets in India. Micro Pneumatics joined the Group in 2013.

## Metalúrgica Golden Art's Ltda. (MGA)

Metalúrgica Golden Art's is a ball valve manufacturer in Brazil. The company is similar to KITZ regarding integrated manufacturing from castings to machining, assembling, testing and finishing and has an extensive sales network throughout Brazil. MGA became a part of the Group in 2015.

## Cephas Pipeline Corporation

Cephas Pipeline Corp. is an industrial butterfly valve manufacturer in South Korea. It has an abundant product range and high production capability for handling large diameter butterfly valves and high performance butterfly valves. Cephas joined the group in 2018.



# KITZ

### Company

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www.kitz.co.jp/english/

# Kong Jih Valve Ind. Co., Ltd

"Kong Jih Valve Ind. Co., Ltd. (KJV), since 1974, has always been operating in accordance with its core values – integrity and innovation," says a company spokesman. "The brand kJV, moreover, stands for high quality that you can trust. To be one of the most professional manufacturers in the valve industry, we are capable of developing and producing a variety of valves, which completely meet every customer's requirements. Our golden rule in manufacturing valves is: 'Keeping Safe with Safe Valves.' Today, kJV products are used all over the world and serve in a variety of applications, including pipelines, water works, commercial buildings, marine, chemical, petrochemical, and desalination, industries, etc. With forty years of experience, we believe that we are able to provide reliable valves for your applications."



## Keeping Ahead

The company is specialized in designing, developing, and producing ODM/OEM parts – valves as well as accessories. Further, being one of the most integrated professional manufacturers, we offer a total solution to customers from design right through to finished products. Our prime concern has always been serving worldwide.

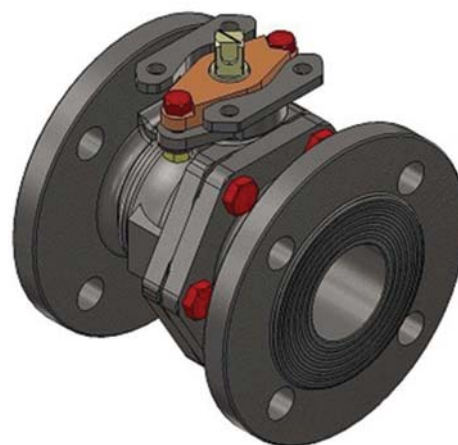
## Product Range:

- Various types of ball valves with end connections: flanged, threaded, socket welded and butt welded.
- Needle valves at 6000 and 10000 psi.
- Double Eccentric Butterfly Valves

- Valve Accessories
- Investment Casting/Precision Machined Parts

## Manufacturing Standards:

- ASME/ANSI
- ASTM
- MSS
- API
- Nace
- NSF
- UL
- BS, BS EN
- DIN
- CSA
- ISO



### Company

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# LATTY Groupe

## About LATTY Groupe

Since its creation in 1920, LATTY International has been providing to its customers its know-how in the design and development of processes for the production of sealing solutions.

LATTY Groupe products are essential to provide sealing efficiency in complex industrial processes where very strict safety rules are required. The added value (quality of raw materials, long operational life) allows our customers to significantly reduce their release of gases into the atmosphere, preserve safety and environment, reduce maintenance costs and lengthen the life of their production systems.

Our products are used in all of the following industries: energy production, nuclear, chemical and petrochemical, pharmaceutical, cosmetics, food processing, pulp and paper, water supply, mines, etc. but many solutions are also provided to OEMs to adapt pumps or industrial valves and fittings.

Environmental protection today means increasingly strict international regulations on release of greenhouse gases into the atmosphere. These regulations focus on the sealing criterion and on several operational aspects such as maneuverability, fire resistance, chemical compatibility, absence of corrosion, etc.

To meet all these requirements, we invest over 5% of our yearly turnover in Research and Development and have implemented our own laboratory in France with test and simulation platforms where prototypes are developed, tested and manufactured.



## Our Products

### Packings

They are manufactured from yarns consisting of different kinds of fibres (aramid, graphite, carbon, polytetrafluoroethylene, cotton, etc.) which are in some cases treated with the exclusive Filcoat process developed by LATTY in order to achieve impregnation throughout. Carefully selecting fibres and impregnations allow us to guarantee quality, operating life and minimum friction.

### Mechanical seals

Manufactured from stainless steel parts, mechanical seals provide optimum sealing efficiency with their carbide / carbide or carbide / tungsten friction faces. With our know-how, we can offer our customers solutions to meet their specific requirements.

### Static seals, cut gaskets

Made of selected materials (carbon, mineral, synthetic, graphite, aramid, PTFE), they are used in each situation where risk-free fitting and tightening in steam circuits are required: very low or high temperatures, high pressures, very high chemical resistance in highly aggressive environments, and also with damaged flanges, for applications subject to continuous thermal cycles or with assemblies subject to significant vibrations.



### Distribution

In France, we work with a first-class distribution network, gasket cutters and multi-service skill centres specialising in mechanical seals.

We have also developed a worldwide network with subsidiaries in Argentina, Belgium, Germany, Morocco, Spain and the UK, and new subsidiaries in Chile, India, Brasil and Africa, and distributors or partners on the 5 continents.

We undertake regular training sessions for our customers and distributors.

## Certificates / Approvals

FDA - WRAS - CE 1935/2004 -  
ISO 15848 - BAM - ATEX - TOTAL - PMUC -  
EHEDG - AECL - API - TÜV/VDI





1920-2020

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<b>Website:</b>	www.LATTY.com

# Mechanical Advantage Corporation

Mechanical Advantage Corporation (MAC) was founded in 2017 and is located in Houston, Texas. The company is a manufacturer's rep and distributor throughout the USA and Canada for several companies.

## Inventory in Houston

MAC houses one of the largest North American inventory of Sambo Gears in Houston. Stored in a state-of-the-art logistics warehouse, the inventory can ship anywhere in the USA and Canada within 24 hours.

## Product Line Up

MAC represents the following companies:

### SAMBO – Manual and Motorizable Gear Actuators (South Korea)

Sambo was founded in 1981 and manufactures high-quality gears at competitive prices. Their spiral cut bevel gear improves teeth engagement and overall efficiency to 95%. All gears come standard with an IP-67 rating. Sambo recently increased their production capacity by 30% to accommodate our demands.

- Bevel Gears
- Worm Gears
- Spur Gears
- Torque Limiters
- Subsea Gears – NEW!
- Temperature Compensation gears – NEW!
- Planetary Gears
- Chain Wheel Options



### HKC – Pneumatic Actuators (South Korea)

HKC was founded in 1980 focusing on manufacturing limit switches. They have grown to manufacturing rack and pinion and scotch yoke pneumatic actuators along with quarter-turn and multi-turn electric actuators.

- Scotch Yoke Design Pneumatic Actuators
- Rack & Pinion Design Pneumatic Actuators
- Heavy Duty Pneumatic Actuators
- Valve Position Monitors
- Dec clutchable Gear Overrides



an international ISO9001 and API Q1 approval, including API 6D.

- Trunnion Ball Valve
- Metal to Metal Ball Valve
- Cryogenic Ball Valve
- Check Valve
- Knife Gate Valve

### Evolution Valves – Cryogenic Valves (UK)

Perfect for aerospace and LNG projects, these cryogenic valves can withstand extreme temperatures as low as -196°C and up to +1200°C.

- Double Offset and Triple Offset metal seated Butterfly Valves
- Butterfly Valves
- Ball Valves

### Industries Served

- Oil & Gas
- LNG
- Water & Wastewater
- Power Gen
- Chemical
- HVAC

### Samsung Precision Co. – Valves (South Korea)

Samsung Precision manufactures various types of ball valves and specialty valves. They have





**Company**

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# Make your business flow

12th International Valve Trade Fair & Conference



# 2022

Düsseldorf, Germany



[valveworldexpo.com](http://valveworldexpo.com)

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[www.messe-duesseldorf.de](http://www.messe-duesseldorf.de)



# METRUS GmbH

## From Erkelenz to the world – since 1970

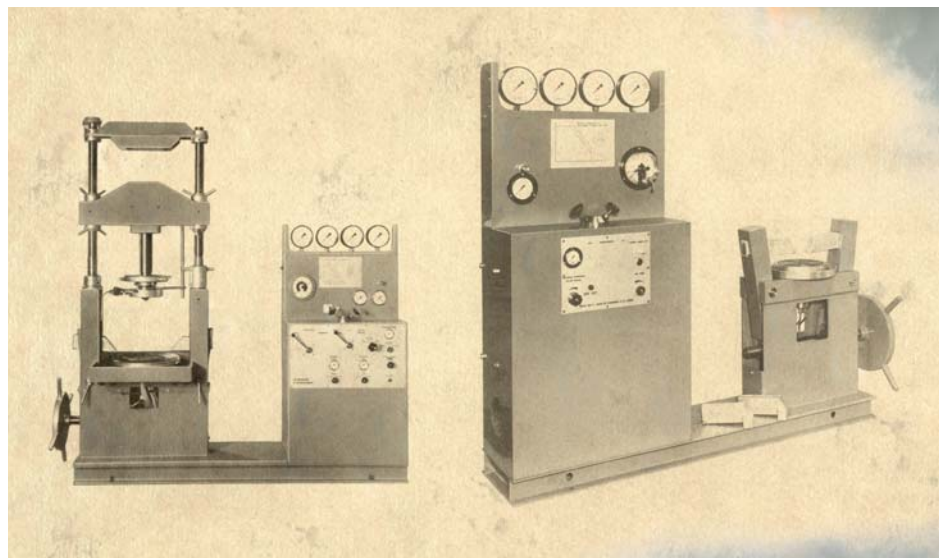
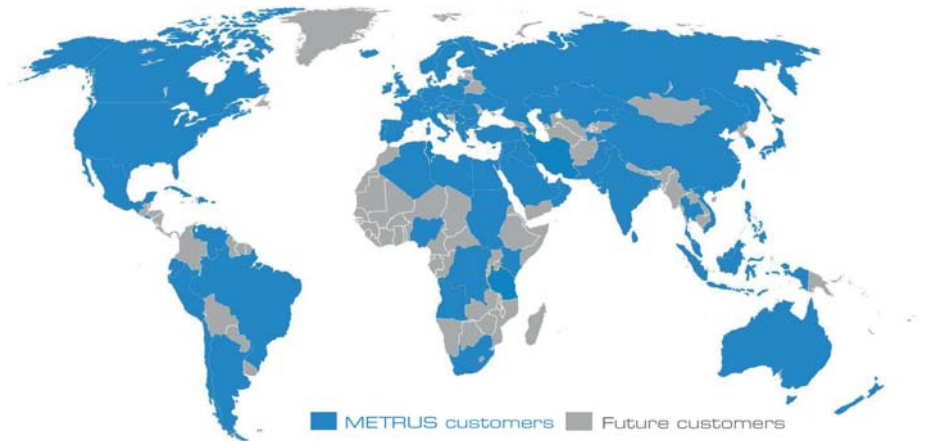
50 years of experience – more than 2000 test benches produced – serving customer in over 80 countries.

Looking back on an eventful past and looking forward to a challenging future, METRUS is celebrating its 50<sup>th</sup> anniversary this year.

The company launch of LS-Mechanik (forerunner of METRUS) in 1970 laid the foundation stone for a success story no one did expect. While still being an employee of Sempell, engineer Lothar Seer was in charge of developing test benches for the valve manufacturers' production. Inspired by the task and seeing a demand for test benches within the industry he decided to spin off and start his own company that would specialize in the design and production of test bench for all types of valves.

Since then more than 2000 test benches of various kinds have been supplied to customers in more than 80 countries. Sizes range from small, mobile test benches of 50kg weight up to large production test benches, weighting 50tons. METRUS takes pride in delivering innovative test bench solutions that benefit from 50 years of know-how and experiences. Comprehensively consulting the individual customer with his specific testing needs did result in 95% of the produced test benches to be individually tailored designs.

"Made in Germany" it is a duty to deliver outstanding product quality and durability. Some of the early test benches are in use for more than 40 years – quality, that speaks for itself. Quality and the commitment to support have always been METRUS' core values. They did and always will – above all – create customers satisfaction.



### Company

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**Website:** www.metrus.de/





# MICROFINISH VALVES, INC.

For over 48 years, privately held, India based Microfinish Valves has been manufacturing industrial ball valves. As a traditional manufacturer, we control the design, manufacturing and quality of our products in our state of the art, 150,000 square foot factory and NDT Center. Our 35 engineers control our designs and provide manufacturing support to insure we provide the highest quality product possible. Design and manufacturing control permits us to offer a standard 3 year warranty. We opened US Operations in 2010 to extend our reach to the region of the Americas. We have established ourselves as a leading supplier of Stainless Steel and high alloy valves to key markets such as Salt Water Disposal, CO<sub>2</sub> Enhanced Oil Recovery, low temperature LPG and NGL's and the full Cryogenic Valve market.

## Product Portfolio

With \$15M+ inventory in our Houston Sales & Distribution center, we pride ourselves on fast response and short lead times. We offer a full range of ASME B16.34 Floating and API 6D Trunnion Mounted Ball Valves in sizes from 1/2" thru 48" and pressure classes from 150# to 2500#. In the Americas, we have established our brand focusing on harder to find valves which include API 6D TMBV's in Stainless Steel, Super Duplex, Metal Seated, Low-Temperature and Higher Alloy materials. All our valves are SIL-3 rated and pass the ISO 15848 Emission testing with our standard design. We X-Ray or Ultrasonically examine every casting or forging in 600# and higher, pressure classes to insure we are starting with high quality material before any machining is started.



## API 6D Stainless Swing Check Valves

2" thru 12" sizes for 150#, 300# and 600# pressure classes and thru 8" for 900# and 1500#. These full port valves are designed to API 6D standard, meet ASME B16.5, B16.10 and NACE MR 0175 specifications and tested to API 598 requirements. The standard materials of construction are CF8M body, disc and cover with integral stellite seat design. Other materials, including the Duplex and Super Duplex alloys available with factory lead time.



## Low Emission Stem Seal Design Passes ISO 15848 Testing

Our standard stem seal design; a fully packed stuffing box with live loaded cup and cone stem packing, passes stringent ISO 15848 and API 641 testing standards. And, this design is externally adjustable while the valves are in service!



## Cryogenic Valves

Microfinish has a long history of supplying Cryogenic valves. With in-house testing capability to -321°F per BS6364. These tests have been witnessed and approved by Lloyds, TÜV and Engineers India Ltd (EIL). Microfinish cryogenic ball valves perform consistently, providing reliability under harshest environments of temperatures ranging from -58°F to -452°F. Their specially designed bonnet extension results in optimum heat transfer and minimum energy loss. Our Houston Cryogenic valve inventory program which began in 2018, enables us to provide reduced lead times.



**MICROFINISH VALVES** 

### Company

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# MRC Global Inc.

## MRC Global: The Valve Experts

MRC Global is the largest valve supplier in the world. The company offers complete valve and automation solutions and connects world-class suppliers with the leading producers in today's energy and industrial sectors. Their strengths include an array of integrated services and expertise in valve automation and modification, integrated supply capabilities, a leading product quality process and reliable technical product support.

"Economic downturns drive innovation, and that is true at MRC Global," said Andrew Lane, MRC Global's President & CEO. "In the last year, we have expanded our e-commerce solution, MRCGO™, and focused on providing even more value for our customers through valve-centric services."



From the Houston Operations Complex, which includes a 127,000 ft<sup>2</sup> Valve and Engineering and Modification Center, MRC Global offers a full range of automation capabilities, valve modifications and transitions, valve testing, coating and packing all on-site within steps of the 140,000 ft<sup>2</sup> Regional Distribution Center. MRC Global has a global network of automation centers, and in conjunction with their FastTrack Valve Automation Program, you can have your automated valve quoted by a valve expert and shipped to your location within 24-36 hours. Another example of value-adding innovation, is the new ValidTorque certification process, which was developed by and is offered exclusively by MRC Global. ValidTorque provides a precise set of measurements that

confirms the performance and applied safety factors of critical actuated valves. This allows operators to understand how changes in cycle times impact future performance and effectively plan preventative maintenance. The result is:

- Lower overall cost associated with valve maintenance and testing
- Higher proof test coverage
- Lower probability of failure on demand and
- Higher confidence in safety system performance associated with automated valves

Find out more about MRC Global's valve solutions, including ValidTorque certification, at [www.mrcglobal.com](http://www.mrcglobal.com).

## **MRC Global**

### Company

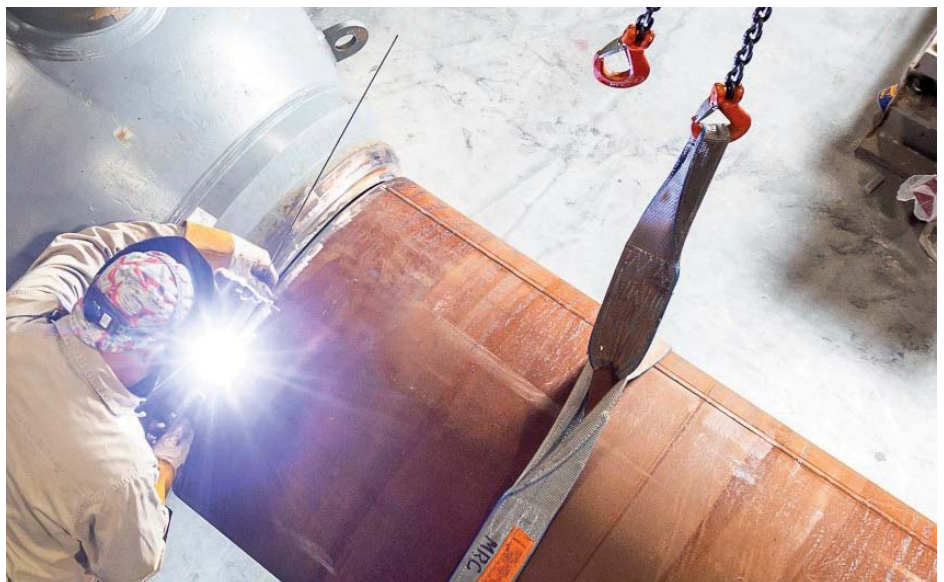
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# müller quadax GmbH



**MADE FOR THE  
EXTREME**

[www.quadax.de](http://www.quadax.de)

The müller co-ax group is a global producer of valve technology for the most demanding customers and markets. The Quadax® series has now been operating successfully on the market for over 10 years and, with over 10,000 butterfly valves installed, boasts countless references from well-known customers. The Quadax® four-offset butterfly valve has been specially developed for extreme temperature and pressure ranges, which makes it a reliable partner for your safety-critical applications and for the highest demands when it comes to valve tightness.

## CO-AX - OVER 60 YEARS OF EXPERIENCE

From the smallest of beginnings, a company has developed that is now famous around the world for its valve technology and has become a household name throughout the entire industry. We stand for innovation and individuality, for trust and quality, and for experience and reliability in valve design. We have done so since the start of our dynamic development and will continue to do so. But more than 60 years of experience also come with a certain responsibility: towards our company, towards what we have achieved together with our employees, and, last but not least, towards you as our customers.

## THINK GLOBAL, ACT LOCAL.

Our headquarters are based in Forchtenberg, Baden-Württemberg in Germany but our products are used worldwide – wherever high pressures and extreme temperatures mean that uncompromising quality and the highest demands need to go hand in hand.



## A FAMILY BUSINESS

For our customers we combine the values and flexibility of a long-standing conscientious family business with the professionalism of a global player, which are three excellent reasons to work with us.

## PRODUCTS AT AN OUTSTANDING LEVEL!

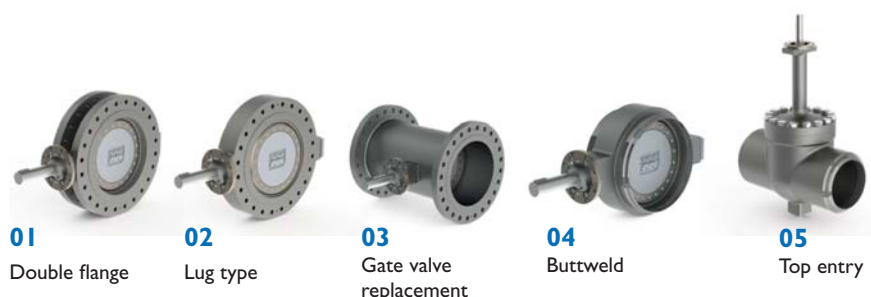
Thanks to its innovative design principle, even extreme temperatures from -270 °C to +800 °C and pressure ranges up to 160 bar pose no challenge for Quadax®.



Quadax® butterfly valves are the perfect solution for demanding customers with the highest requirements when it comes to tightness for extreme applications and temperature ranges.



We produce our butterfly valves from the highest-quality materials on modern 5-axis machining centres entirely on site in Germany. According to the demand for valves into LNG, cryogenic and other extreme applications, müller quadax has positioned itself with five different designs of the same high-quality products.



**01**  
Double flange

**02**  
Lug type

**03**  
Gate valve replacement

**04**  
Buttweld

**05**  
Top entry



### Company

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# Neles Corporation

Neles is one of the leading providers of mission-critical flow control solutions and services for process industries. Our customers operate oil and gas refining, pulp, paper and bioproducts industry, chemicals and other process industries. With our global team of experts and innovative solutions, we help our customers to improve their process performance and ensure the safe flow of materials. Re-born in the partial demerger of Metso on July 1, 2020, Neles is 100% committed in reinventing reliability in flow control.

Experience is everything. We are using ours to re-engineer the flow control experience for our customers who face constantly evolving business and performance requirements. With our market-leading expertise, products and services we deliver our customer promise, Reinventing reliability.

### Innovations and product reliability

We are constantly developing our portfolio of high-engineered valves, valve controls and standard solutions to meet the diverse needs of our customers. Our know-how is based on over 60 years of industry-changing innovations.

### Service leadership and digitalization

Customers rely on us not only for our products but also to guide them in what works best for their processes and to help them with their most demanding



applications. Through our expertise, a global service network supported by our channel partners, and advanced diagnostics and data-driven solutions, we are committed to be an all-round reliability partner for our customers.

### Valve automation

Valve controls and actuators play a key role in ensuring process performance and safety, regardless of the valve in use. We invest in the development of our current product portfolio and in setting up dedicated channels to be able to serve a wide range of customers.



# NELES

#### Company

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# Neway Valve (Suzhou) Co., Ltd.

## Complete Solutions for Industrial Valves

As a global leader of valve manufacturing, Neway (SSE:603699) is dedicated to the production, research, and development of industrial valves. Neway is committed to providing complete valve solutions to all industries through advanced engineering and innovation.

Neway's product line includes Ball, Gate, Globe, Check, Butterfly, Nuclear, Control, Subsea, Safety valves. Our high quality standards and innovative ability are recognized by many global end users and EPCs. Neway valves are utilized in a wide variety of industries and working conditions such as Gas, Oil, Refining, Chemical, Coal Chemical, Offshore, FPSO, Air Separation, LNG, Nuclear Power, Power Generation, and Pipeline Transmission applications, etc.

## Facilities & Service

Neway has developed a sophisticated multi-plant management system operating one comprehensive valve assembly plant, one API 6A valve plant, one safety plant, three foundries, and two R&D centers. Our newest assembly plant was expanded in 2013, and it now covers 35,000 square meters.



Over 50,000 sqm solar panel on plant roof



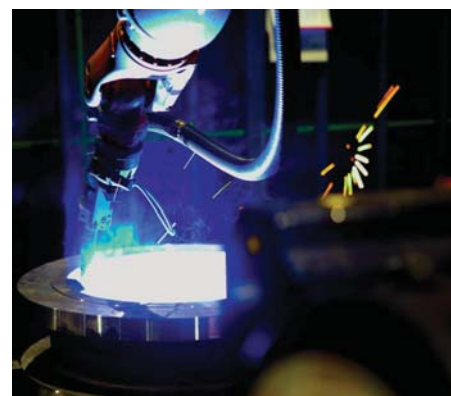
Automatic painting machine

Advanced software (ANSYS, FE-Safe, CF-Design, Siemens PLM and NX) is applied here at Neway for the Research & Development of products. We use SAP to control the traceability and status of all products during the manufacturing process. In order to ensure the safety, eco-friendliness, and reliability of our products, we use the most advanced fire-safe, cryogenic, high pressure, and fugitive emission test equipment.

As part of Neway's global strategy, to provide better service to our customers, we have established our overseas subsidiaries in North America, Netherlands Italy, Singapore, and Dubai along with over 80 agents and distributors worldwide.

## High Quality, High Value

Neway is dedicated to the pursuit of "Zero Defect". We maintain a quality



Automatic welding machine

management system that encompasses our entire operation from order entry, to final inspection. Through Neway's continuous efforts, our products have achieved industrial certificates including ISO 9001, API 6A, API 6D, CE/PED, API 6DSS, ASME N & NPT, TA-Luft, ABS, CU-TR, and NORSOK approvals.



Part of Neway's products that have grown rapidly in sales in recent years



### Company

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**Phone:** +86 512 66615623  
**Fax:** +86 512 66651360  
**Email:** livia.wang@neway.com.cn  
**Website:** www.newayvalve.com

# Nihon KOSO Co., Ltd.

**"MADE IN KOSO"** - Since 1965, KOSO has been designing and manufacturing a broad range of control valves, actuators & accessories, for the Power and Process Industries. Today our company has grown in size across the world to include 2,200 employees in our 10 group companies in Japan, and 23 manufacturing divisions in Asia, Europe, Middle East and North America.

Made in KOSO means our engineers design our products, we pour castings at our own foundries, we machine our own components in our global factory properties which exceed 300,000 square meters.

**"ORIGINALITY"** - In KOSO, our creativity is our pride. We overcome all challenges with

original solutions. From our originality, comes trustworthy answers to our customers. Our technical and commercial innovations are all for contribution to the greater success of our customers.

Our famous brands include: **PARCOL**, **KENT-INTROL**, **HAMMEL-DAHL** and **REXA**.



## KOSO

### Company

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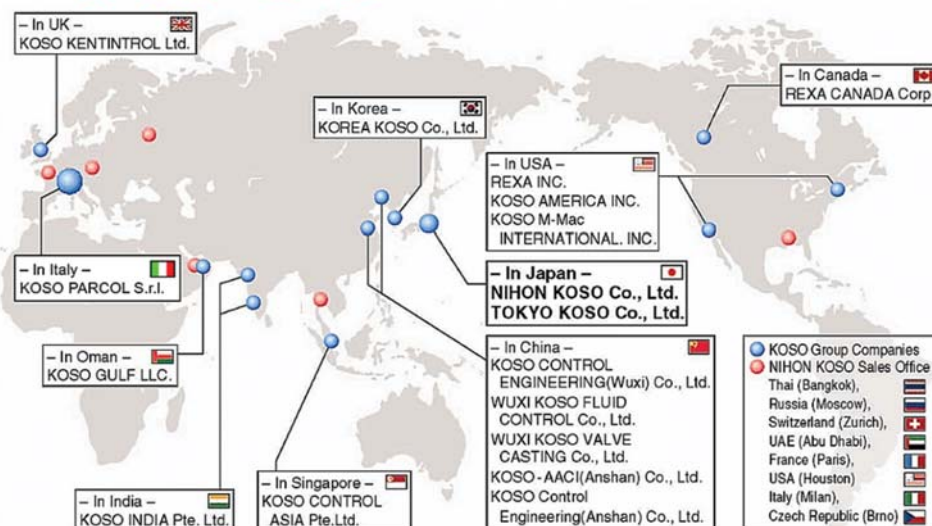
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[www.hammeldahl.com](http://www.hammeldahl.com)  
[www.rexa.com](http://www.rexa.com)

## KOSO NETWORK





# NSEN Valve Co., Ltd.

## Specialized in butterfly valves for 38 years

NSEN Valve, founded in 1983 and located in Wenzhou, is a scientific and technological enterprise focusing on the R&D, manufacture, sales, and service of metal sealing butterfly valves.

For more than 30 years of growth and hard work, NSEN has built a stable team of high-quality talents and has many advanced vertical and horizontal machining centers, large CNC vertical lathes, CNC boring and milling machines, and other sophisticated mechanical processing equipment. Relevant testing laboratories such as chemical composition analysis and mechanical property analysis laboratories have been established.

NSEN Valve has won more than ten national butterfly valve patents and won the "Bi-directional sealed butterfly valve" national invention patent product to fill the domestic gap; the product was included in the national key new product by the State Economic and Trade Commission. At the same time NSEN Valve participated in the drafting of national standards for butterfly valve products.



NSEN valve adheres to the enterprise tenet of **"Only Producing High-Quality Butterfly Valve"**, to make products better and perfect, to continuously improve product quality and service; at present, our valves have been exported to Europe, Russia, UAE, Brazil, etc.

### Quality valve manufacturer

Being certified by TS, ISO 9001, CE, EAC, our products can be designed according to GB, API, ANSI, ISO, BS, EN, GOST standards.

We fulfilled the quality management accordance with ISO 9001:2015 requirements and continuously improve every single detail during the production process. Our rules are: Do not accept defects, do not manufacture defective products, and never deliver defective products to clients. Therefore, NSEN strictly controls every manufacturing process.

### Product range

- Triple Eccentric Flange Type Metal Seated Butterfly Valve
- Metal to Metal Bi-directional Butterfly Valve
- High Temperature High Pressure Fully Metal Butterfly Valve
- District Heating Butterfly Valve
- Seawater-resistance butterfly valve
- High performance butterfly valve
- Special condition butterfly valve

**NSEN 耐森**  
Butterfly Valves

### Company

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**Website:** www.nsen-valve.com

# Nutork Corp.

NUTORK CORP. manufactures a wide range of electric actuators, pneumatic actuators and related accessories (such as limit switch boxes, solenoid valves, manual overrides) for quarter turn valves. All of these have been offering reliable performance in industries like oil & gas, refining, petrochemical, chemical processing, food & beverage, pharmaceutical, pulp & paper, HVAC, power plant, waste-water treatment etc. for many years.

In order to satisfy the various requirements of different areas and industries, our products have received approval from a number of certificate authorities. All pneumatic actuators are CE-ATEX, DNV, SIL3 approved and all the electric actuators are CE, SGS, SIL3 approved. Not only can we provide various certificates to indicate strict adherence to internationally recognized standards and specifications, but also offer the most competitive prices with best quality and excellent after-service. Equipped with experienced experts in the field, our team is always passionate about putting innovative ideas into practice to seek the better solutions. And we are always ready to help when customers need technical support.

Our mission is to assist customers in obtaining the best possible solutions to meet project requirements at the most advantageous prices without compromising on delivery or quality. With this in mind, we believe in developing long term relationships based on mutual trust and honesty.



**NUTORK®**  
Actuators & Valves

**Company**

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**Website:** www.nutork.com



# OMAL S.p.A.

## OMAL AUTOMATION: ITALIAN EXCELLENCE IN AUTOMATION

Top-quality of high-performance valves & actuators

OMAL is an Italian manufacturer of both valves (Ball & Butterfly Valves) and actuators (Pneumatic & Electric) which makes OMAL specialized in top performance actuated package since its establishment in 1981.

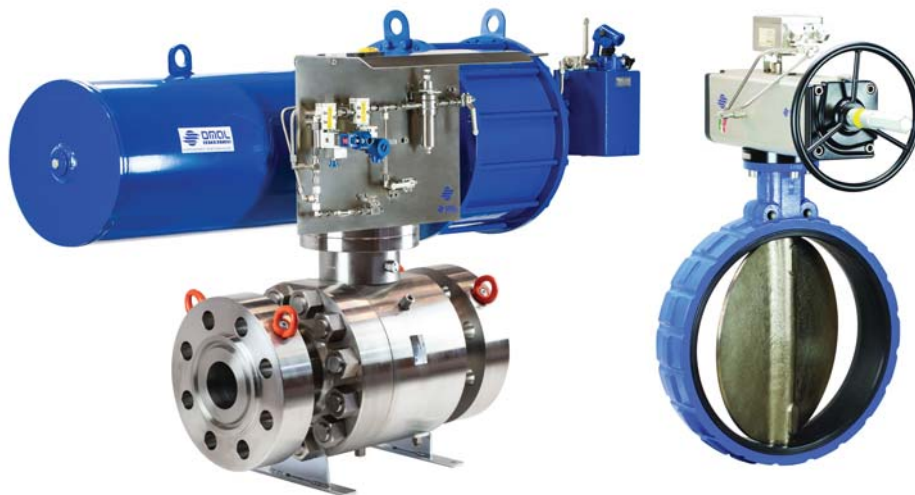
OMAL does not depend on any actuator supplier like other vendors: it means its own valves are designed to have a perfect matching and sizing with its actuator and it has total control on quality and delivery of both. Moreover no blame game between actuator- and valve-makers as end users have experienced many times when there are any questions raised at site: OMAL is wholly responsible for the assembly.

The corporate philosophy is EMPOWERED PERFORMANCE, namely anything delivered to the market must be more than any expectation of their own client or standard used in the industry.

OMAL's Products portfolio is wide and diversified and the result of long experience and high excellence in diversified markets.

OMAL produce BALL VALVES in different designs and materials but all are suitable for high-cycles and high reliability. The quality of our ball valves is not only confirmed by international certification (API 6D or AD2000) and a long reference list but also by special qualification as for PROCHEMIE suitable to operate over 60.000 cycles with no visible leakage from the stem packing.

OMAL also manufactures EN593 Butterfly Valves (concentric type, rubber-lined), either Wafer or Lug, with interchangeable liners in different materials (EPDM, NBR, FKM, PTFE, NBR CARBOX, etc).



All the above valves deliver their best performance matched with actuators that outstand in the market to have SCOTCH-YOKE system: actuators result in being smaller, lighter and less-demanding of air-consumption and outstanding in terms of life time and reliability (over 1MIL cycles). Available in a very diversified and wide range of temperature, different materials, with handwheel or in 3-position execution (for dosing service).

Completing the range of actuators, there is also an electric one (from 24v to 230v) either in ON-OFF for isolation valves or MODULATING for control valves.

Last, but not least, OMAL offers pneumatic valves for the process industry: VIP valves patented by OMAL since 90s and yet a tangible example of innovation able to stand out as extremely compact, highly reliable (over 500.000 cycles) and very fast.

In addition to VIP, ANGLE-SEAT VALVES (in bronze or SS) with different ends for

application up to 180°C and suitable for millions cycles and maintenance free.

OMAL serves different sectors either by commodity products ready on shelf according to internal standards or by engineered valves and actuators based on specifications of engineering companies or end users and then customized according to meet the most stringent specifications.

Production is truly MADE-IN-ITALY and every product is designed, manufactured, assembled and tested in our 4 group production plants in the Northern Italy where you are welcome any time to know more about OMAL and breathe our EMPOWERED PERFORMANCE.



### Company

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# PENTA Srl.

Penta Srl is a privately owned company that started in 1977 the production of Metal Seated Ball Valves for extreme conditions as high temperatures (up to +700°C), Low temperatures (down to -196°C) and abrasive or dangerous services.

During the years, Penta has developed many proprietary technologies: the unique self-lubricating PENTAFITE seat material and in-shop fabricated special high pressure resistant Grafoil gaskets.

We cooperate with our Customers all around the world (more than 80% of our production is exported outside Italy) to identify the best model and construction that better meet actual working conditions to maximize valve life and update any product to the most modern technologies and solutions.

Penta keeps all information related to any product available for 20 years the same as spares availability. Moreover our workshop is always available for in-shop maintenance of our products.

The Penta Srl range of products includes:

- **AP series:** a medium temperature and pressure valve (up to 350°C in class ANSI900 or PN160) with aggressive price;
- **WSS series:** a wafer split body ball valve used on dirty services (up to 400°C)
- **SAT model,** the best design of PENTA to solve the widest range of use between -100° and +700°C with pressures up to ANSI2500 and many different metal seats availability, including PENTAFITE technology.



- **SAT Crio** model is the extension of SAT model down to -196°C by the use of polymeric seats and special valve arrangement that guarantee tightness and operability at any temperature.
- **SAT3** model is an evolution of the SAT with the addition of two Scraper Rings inside and outside the seats allowing the cleaning of ball surface during valve operation, the protection of the seats from abrasion and the reduction of dirt filling body cavities.
- **MULTIPORT** basing on a trunnion mounted construction Penta can manufacture a range of 3-way metal seated ball valves with "L" port or "T" port.

Penta has obtained **ABS (American Bureau of Shipping)** Approval for use on **LNG** (liquefied natural gas) vessels carrying.

100% of all our valves are fully hydrostatically body tested at 1,5 times the maximum rated pressure and then hydrostatically seat tested at 1,1 times and 6 bar seat tested with air to check perfect tightness exceeding ANSI/FCI 70-2 Class VI.

The company is ISO 9001 and ISO 14001 certified.

*Specialized in valves for critical conditions (high and low temperatures, abrasive and dangerous services)*



**penta s.r.l.**  
METAL SEATED BALL VALVES

## Company

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**Website:** www.pentavalves.it  
www.stockofvalves.com





# PetrolValves

PetrolValves Group, in the almost 65 years of its existence, has evolved from an Italian valve manufacturer specialized in high-demanding applications for the oil and gas sector, into a global partner committed to reinvent and bring to life sustainable energy flow solutions.

Pushing the boundaries of technology is one of PetrolValves' ultimate goals. It means partnering with clients, to maximize their performances providing innovative solutions that embrace an end-to-end approach, that stands the test of time.

The company has always paid great attention on being close to its customers, understanding their evolving needs and focusing on continuously improving customer satisfaction through cost optimization and achieving operational excellence.

PetrolValves' Product Solutions include an extensive range of valves, actuators and integrated systems that have sealed outstanding milestones in the Oil & Gas industry over the years.

The company's sophisticated manufacturing capabilities, engineering know-how and lean processes expertise enable the production of reliable products and solutions, ensuring they are delivered on time, maximizing efficiency and



never compromising safety, making PetrolValves an accountable and trustful partner.

PetrolValves' Service Solutions aim to improve customers' Total Cost of Ownership enhancing plant performances that leverage assets' operational lifecycle extension.

Proximity to customers with dedicated teams and facilities, preventive maintenance,

digital innovation and remote monitoring are few examples of the innovative offer and proactive approach.

Today the group has a worldwide coverage and local presence in more than 10 countries. With more than 600 employees PetrolValves has developed overtime a natural attitude to work on a multiregional basis with a multifunctional organization.



## PETROLVALVES

### Company

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# Pipeotech AS

Delivering absolute integrity, always. Pipeotech kills leaks - protecting people, environments and businesses from the dangers of leaks. We are here to transform standards for industrial piping, one seal at a time.

Our primary product - the DeltaV-Seal™ is the tightest, safest and most durable flange gasket in the world.

DeltaV-Seal is a one-piece, CNC manufactured gasket made from the same metal as the flanges it mates with. It boasts three unique, sharp sealing rings that deform on installation, filling any surface irregularities on pipe flanges

to form the perfect seal. The seating force required for the material to flow effectively is lower than for any spiral wound gasket. Once placed between the connecting flanges, a permanent static and leak-proof seal is created. Total integrity, complete peace of mind. DeltaV-Seal marks a new beginning for industrial piping. Not only no leaks, but no re-tightening, no disintegration, no blowout or fire risk, and no safety concerns – in other words, no worries. These claims are backed by the industry's first and only 10-year gas-tight warranty, guaranteeing total pipeline integrity for the

long-term in the most demanding industrial environments. Why leak and fix when you can install and forget?

Based in Norway, Pipeotech is a private, limited company and are the pioneers of the revolutionary DeltaV-Seal sealing technology for pipe connections. As a subsidiary of Green Transition Holding AS, Pipeotech pushes the engineering envelope to deliver the next-generation of smart sealing technologies. These can be utilized in any industry in order to match the requirement for highly robust, leak-free sealing solutions.



PIPEOTECH	
[SEALING YOUR INTEGRITY]	
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## DeltaV Seal™



# Process Control Equipment

PCE is amongst the largest, independently owned stockists and distributors of valves, actuators, tubing, fittings and instrumentation in Europe. Founded in 1980, we are headquartered in North East England. PCE has locations in Teesside, London, Scotland, Spain, and the Netherlands. In December 2017, HT-PCE formally became part of the PCE Group, giving us additional strategic presence in North West England.

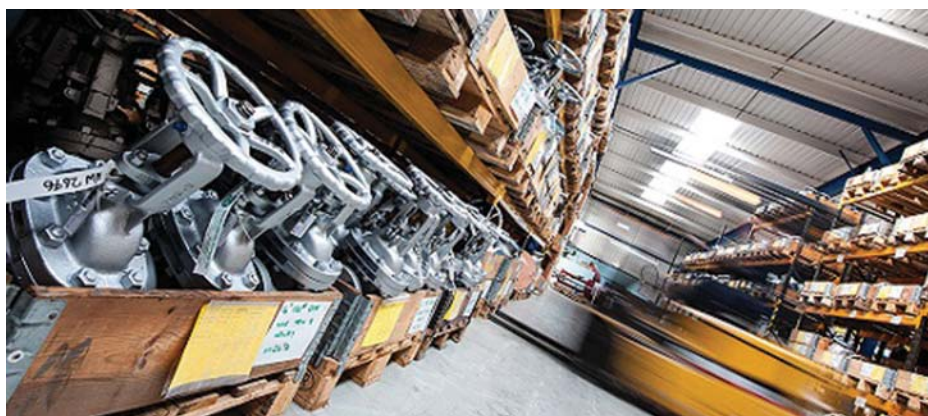
Our combined stock-holding ensures rapid response to customer needs, and our vast collective experience adds value in the procurement process. Our core product lines include gate, globe, check, ball, and triple offset butterfly valves plus many others, all held in a wide variety of materials and sizes. Additionally, we have approved valve automation centres throughout Europe, meaning we can assemble, test and certify actuated packages.

We are exclusive stockists in certain of our territories for a number of highly respected manufacturers including Neway, Neles, Jamesbury, Bonney Forge, Valvosider, Oliver and numerous others. Our people,



experience, core stock and key brands make us flexible and agile whatever the requirement.

We have significant experience with a full range of customers from end users and plant owners, through to engineering houses and EPCs, skid-builders, and other stockists. Our sector specialisms include Petrochemical, Oil and Gas, power, pharmaceutical, food and beverage industries.



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# Picardie Valves Industries (PVI)

Founded in 1849, the company started as a foundry and mechanical engineering plant for the sugar industry and developed the manufacture of copper pipes. It then began producing valves in 1929 to meet the needs of sugar factories.

Today, the company is named PVI (Picardie Valves Industries) and has been manufacturing a wide range of high quality, high performance industrial valves for over 90 years, including butterfly valves (lined or metal), ball valves (carbon steel and stainless steel), control valves (anti-cavitation type) and pressure relief valves.

The company now employs more than 118 people to manage all aspects of industrial valves: shot blasting, painting, machining, welding, assembly, packaging, etc.

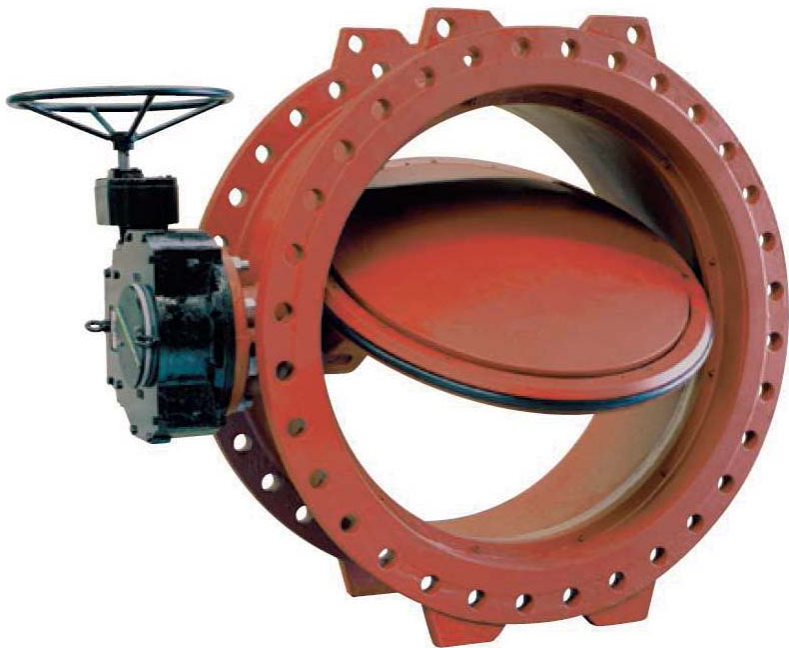
We have an international presence by operating in more than 70 countries throughout the world. We currently export more than 50% of our production to the 5 continents.



**PICARDIE  
VALVES  
INDUSTRIES**

**Company**

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# Quadax Valve, Inc.

As the North American outlet and sister company to **Müller Quadax**, **Quadax Valve, Inc.** (QVI) is poised to provide to the Americas a comprehensive scope of supply for the most severe service applications in torque sealing butterfly valves. The **Quadax®** brand is well known and growing whenever the opportunity calls for a highly engineered product and 'zero leakage'. The Quadax 4-offset design is gaining in popularity due to enhanced features and benefits inherent to its unique engineering resulting in rounder, tighter and larger seating areas.

Headquartered in Bristol, PA, QVI has the facilities and inventory to service the North American market with an experienced sales & service team. Additionally, by marketing through exclusive regional business partners and key distribution, QVI has the coverage and expertise required to work with operators and engineering customers needing to solve problems.

Focused on applications ranging from steam, high temperature hydrocarbons, cryogenic piping systems, specialty gases, solar or traditional power generation and compressor systems, QVI can fill your most severe applications in both 'on/off' or control requirements. Quadax offers the full range in 5 different body styles all which meet the most stringent requirements of fugitive emissions as certified by the latest industry standards. Temperatures ranging from **-454°F to +1472°F** (**-270°C to +800°C**), pressure classes from **ASME 150#-1500#** and sizes from **2" to 72" (DN 50-1800mm)**, allows Quadax to be the 'go-to' valve for tough applications. Our comprehensive engineered proposals account for best recommendations into applications where the materials are designed for



homogenous reactions of either shrinking or expansion due to temperature changes resulting in longer service life. Certified to the specifications set forth by ASME, API, DNV, SIL 3 and ISO; the 4-offset design offers a step above standard products for enhanced CV's and tighter bi-directional sealing with less friction allowing customers to take advantage of smaller piping, actuation & space requirements.

The reputation of Quadax, boosted by extensive 3<sup>rd</sup> party testing and successful piping applications in harsh environments reaching back over the last decade, gives QVI the best story to tell whenever a customer needs a proven valving solution. Our unique laminated

seat designs and/or using our patented Inconel® O-ring sealing system provides that Quadax can be used in the wide variety of applications and services our customers require.

The QVI team is fully compliant with ISO 9001 Quality Standards and is the perfect partner with Müller Quadax to fill the requirements for unique valve installations. Our over \$2 million USA inventory allows most customer applications to be filled well within expectations. The QVI team is focused on providing the user with the lowest total ownership costs in the industry by assuring longer life, superior tightness, enhanced safety and compact area requirements.



#### Company

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# Rotork Plc

## ABOUT ROTORK

Rotork is a market-leading global provider of mission-critical flow control and instrumentation solutions for oil and gas, water and wastewater, power, chemical process and industrial applications.

We help customers around the world to improve efficiency, reduce emissions, minimise their environmental impact and assure safety.

Customers rely on us for innovative, high quality engineered and dependable solutions for applications managing the flow of liquids and gases. We help to solve our customer challenges from the initial enquiry through to product installation, long-term aftersales care and asset management.

**Our unrivalled worldwide sales and service network provides a local Rotork contact point for customers in every industry:**

## OIL & GAS

Rotork products are designed for applications in virtually all upstream, midstream and downstream activities, ranging from offshore production, pipelines and storage facilities all the way through to the transportation and distribution of finished products via pipelines or vessels.

## WATER & POWER

Customers around the world rely on Rotork for innovative, high quality engineered and dependable solutions for managing the flow of liquids and gases in the water and power markets. Reliable and robust, our products help with power generation efficiency and enhance control in 'state of



the art' water and wastewater treatment plants.

## CHEMICAL, PROCESSING AND INDUSTRIAL (CPI)

Helping to maximise process efficiency and minimise waste, our products are

used across a range of Industries, including industrial and clean process solutions, we provide specifically tailored solutions for the chemical industries, and technically advanced equipment, ideal for use in factory processes, production and medical settings.



# rotork®

### Company

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# SAPORITI srl

SAPORITI ([www.saporitimachines.com](http://www.saporitimachines.com)) is an Italian machine tools manufacturer since 1946. After 1974 we started to install CNC on our lathe and milling machines and 1985 was the year of our first ball valve grinder machine. All our machines have the features constantly kept up to date with the latest technology available on the market and always offering a customized high performance and the highest quality. Our staff also design and update our machines following input coming from the Market and End User Customers.

Today we are World Leader in the manufacturing of machines for screws, barrels and Ball Valve Grinding.

We have a wide range of grinding machines from ½" to 74". The smallest is for balls up to 250 mm in diameter (the SAPORITI PV250) and the biggest is for balls up to 2500 mm Outer Diameter (the SAPORITI PV2400).

The last generation ball valves are metal to metal seated and very often hard coated. Then these new valves must be ground by extremely precise and rigid machines which guarantee the best roundness accuracy (better than 0.01 mm and a perfect surface finishing (Roughness even better than Ra 0.02).

These machines are the SAPORITI PV suitable for the best grinding of these new ball types in any type of steel or coating (satellite, ceramics CBN.... or other materials).

All the machines are equipped by Renishaw with Saporiti customized software for the easy and fast workpiece set up by the automatic centering between the grinding tool wheels and the ball. The electronic



machine is Siemens with the latest generation Torque sealed motors and the CNC 840D. Relevant filters and a cooling system allow the workpiece temperature to be kept constant and the coolant clean to assure the best output precision. The SAPORITI PV Grinders have movement on high precision roller guideways to assure the best machine performances. The main feature is that there is a controlled Y axis for the vertical movement and displacement of the grinding head. Our grinding machines have a strong structure and full stainless steel protection.

Our Company philosophy is to give high quality machines with the best quality components offering the latest available technology to avoid any possible problem. We usually export in Europe, America and Far East. Our specialised technicians install and commission the machines to customers' plans all over the world. We are a true Italian machine tools manufacturer and we have Authorised Export Certificate.



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# Shanghai EHO Valve Co., Ltd.

Focus on Diaphragm Valves All Along.

Processing core technique for diaphragms and reliable castings, Shanghai EHO has been focusing on diaphragm valves all along. EHO diaphragm valves are actuated by manual, pneumatic or electrical power and include weir type, straightway type and angle type. With multiple materials of diaphragms, linings and castings, EHO diaphragm valves contribute to a reliable and non contaminated fluid control.

**Weir Diaphragm Valves:** EHO weir diaphragm valves (A type) are of streamlined flow path to assure a minimal fluid resistance. Multiple lining materials for valve body enable a corrosive application such as chemical, petrochemical, paper, mining, pharmaceutical and other process industries wherever positive shut off and ease of maintenance is required.

**Straightway Diaphragm Valves:** EHO straightway diaphragm valves (KB type) have a straight flow path and acquire a largest flow and tight shut-off. It is suitable for slurries, fluids with suspended solids, corrosive fluids etc.

**Angle Diaphragm Valves:** EHO angle diaphragm valves are specially designed for conditions where installation space is limited on the pipeline. Right angle type and Y-pattern type are optional as required.

**Sanitary Diaphragm Valves:** Certified with 3-A sanitary standard, EHO sanitary diaphragm

valves are carefully regulated to ensure clean processing of materials in industries such as food, beverage and pharmaceuticals service. We help customers achieve a non-contamination fluid control solution.



## EHO®

### Company

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# SMS-TORK

SMS TORK started to serve in its sector with the trademark TORK in 1985. We are the first producer of industrial control valves in Turkey. In the second half of 2017, SMS-TORK incorporated with VARNASAN company which was founded in 1976 and has 40 years of experience in the valve sector. With TORK and VARNASAN, our company has expanded its power in fluid control.

## There is always the best solution at SMS-TORK

With a 4000 meter square factory at IMES OSB and a R&D department, we produce 100% domestic products. In our wide range of products, we create the best solution that fits to your process. Our products are solenoid valves, pneumatic actuators, pneumatic actuated angle seat valves, pulse valves and electric actuators. Process automation systems design, project planning and start-up service is also provided to our customers. In addition,



TORK is the distributor of some of the most reputable firms' flow, level and pressure measurement devices. We have served our technology to many industries such as machine builders, chemical, water treatment, cement, concrete, food, HVAC etc.

Today, TORK is preferred by 93 countries. Our goal is to provide the best solution to our customers and ensure benefits to them by creating efficiency and high quality with our products. We thank our customers that support us in our journey on our way towards our destination.



### Company

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# Suzhou LOV Machinery Co., Ltd.

## Valve Solutions for Severe Conditions

### Main Products

Titanium, Nickel, Zirconium Valve  
Monel Valve, Hastelloy Valve  
Inconel Valve, Duplex Steel Valve  
Nickel Aluminium Bronze Valve  
904L Valve, Alloy 20 Valve  
High-temperature Alloy Valve, Cryogenic Valve

### Valve Scope

Ball valves, butterfly valves, check valves, gate valves (parallel slide gate valve), globe valves, regulating valves, temperature and pressure reducer, (continuous) drain valves and other customized valves that can meet different special applications.

Size: 1/2~60in (DN15~DN1500)

Class: 150~2500# (PN6~PN420)

### About LOV

As a professional valve manufacturer, LOV has an experienced team, which has worked in the industrial valve field for over 20 years. We specialize in the development and production of special material and special design valves, and are devoted to providing the best solutions to the severe working conditions for global users.

By using advanced CAD/CAM production mode and flexible production process, we can undertake not only the small batch order, but also large quantities for engineering projects, with in-time delivery.



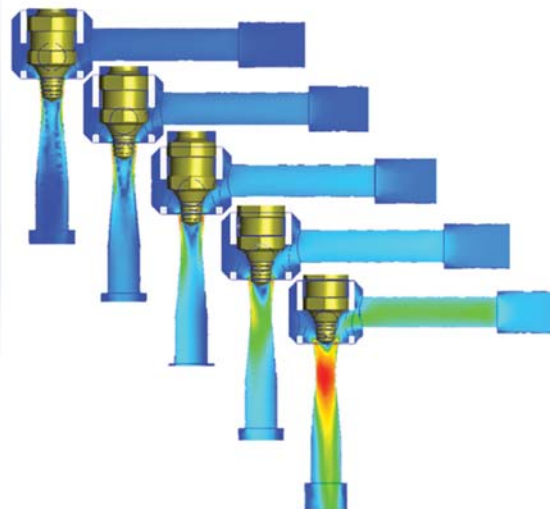
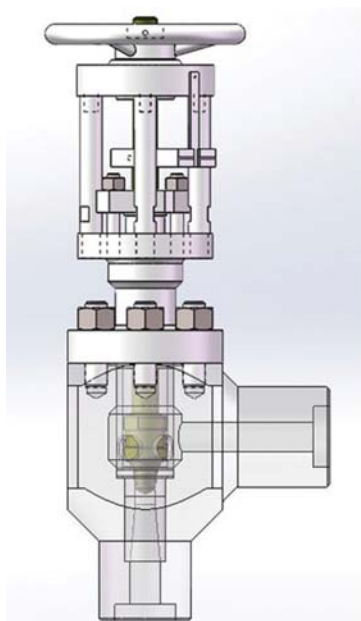
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Xiangcheng District  
Suzhou, Jiangsu  
People's Republic of China

**Phone:** +86-512-66552568

**Email:** info@cn-lov.com

**Website:** www.cn-lov.com



### Quality Commitment

We always insist that high quality products and best service are the basic of the long-time cooperation. To provide customers with best quality goods and service is our responsibility. We stand behind every product made in our factory, and are pleased to offer an 18 months warranty on all materials and workmanship.

Our advanced in-house test center is equipped with **PMI test (German Spectro Brand), Tensile test, Impact test, Thickness test, HRC/HRB hardness test, PT/UT test, High-pressure gas test and other testing equipment.**

We have successfully obtained the following certifications: TSG Class A1, ISO9001:2015 (Lloyds), EU/CE (Lloyds), API 6D, API 607/6FA etc.

With our highest level of flexibility,

in-house production, technical know-how and dedicated staff, we are looking forward to becoming your first business partner in valves.





# SYVECO

Since 2006, Syveco has been establishing a wide distribution network all over Europe. The heart of our business is giving European valve wholesalers easy access to a broad range of manual and actuated valves for the industry, building equipment, HVAC and waterworks with more than 78,000 quality products on stock. This large choice of products gives us flexibility and we can operate with great rapidity, assuring short delivery times.

Syveco is the international branch of Thermador Groupe, a French master stockist with over 50 years of experience and 600 employees. Last year's stock value reached €123 million and sales €369 million.

**Quality** is a very important aspect for us and goes far beyond quality products. This implies having an internal ISO-certified actuation centre in which more than 5,000 actuated valve combinations are assembled and an internal quality management which conducts quality controls with x-ray fluorescence spectrometers & bench tests. Our quality products comply with all major European certificates and agreements and we provide technical data sheets and 3D-drawings upon request.

Our adventure continues. We now have customers in 50 countries throughout Europe, Africa and the Middle East. Our people in the customer service are your support in our office for orders, offers and customer follow-up



with the goal to provide the best service. Our sales executives and back-office staff are multicultural and are either native from the area they are in charge of, or they have very strong cultural links with their sector. They speak your language and understand your actual needs while demonstrating a lot of humility. Our commitment is to offer you a dedicated service.

With our 22 spoken languages, we are able to cover a broad geographical area. We strive for efficiency and reactivity in

our exchanges with you, while keeping transparency a leitmotiv.

As for our company name, the "CO" in Syveco means "together" and underlines our commitment towards a professional and reliable service. Together, we will find a solution to your needs.

We are **STOCK**  
We are **SERVICE**  
We are **SIMPLICITY**  
So, let it flow with Syveco.



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# Taizhou Juhang Automation Equipment Technology Co., Ltd

Taizhou Juhang Automation Equipment Technology Co., Ltd is specialized in valve pneumatic actuators, manual actuators and fluid control system research as well as development, manufacturing, marketing in the integration of high-tech enterprise. The company has high-precision CNC machining equipment and sophisticated testing equipment, and set up an advanced product performance inspection and test center, relying on a sound quality management system and internal well-ordered detailed management, to assure the quality of JUHANG actuators. The company is in strict accordance with the ISO9001: 2008 management system and ISO5211, NAMUR DIN3337, and other international standards for production. It has also been awarded the CE certification and explosion-proof ATEX certification, issued by the German TÜV Rheinland certification body, SIL 3 certification in line with IEC61508 standards, and there are a number of advanced technology obtained national patents. We are committed to building a boutique of industrial fluid pipeline valve control systems. We do OEM and self brand



for the European, American, Australian and Asian markets. We attended a series of exhibitions, such as Valve World Düsseldorf, Valve world Asia, Valve world Americas and AICHEMA 2018. Juhang's actuators have been around the world and become the best

partner of many international renowned enterprises. Professional achievements quality, service to create value. We sincerely look forward to providing you with the best quality products and satisfactory service.



#### Company

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# THEOBORN AUTO-CONTROL VALVES CO.,LTD

THEOBORN AUTO-CONTROL VALVES CO., LTD is dedicated to manufacturing pneumatic actuators and electric actuators. The main products are as below:

- TBN Series Rack & pinion Pneumatic Actuator
- New generation TBNII Series Rack & pinion Pneumatic Actuator
- TBNS Series Stainless Steel Pneumatic Actuator
- BP Series Scotch Yoke Pneumatic Actuator
- BQ Series Quarter turn Electric Actuator
- BN Series Quarter turn Electric Actuator
- E/P Positioner
- Limit switch box
- Solenoid valve
- Manual Override

Our products fundamentally transform the complex traditional usage of valves, incorporating high technology with the control process of valves, greatly improving the efficient usage of valves, largely diminishing the controlling cost, and obtaining considerable profits for enterprises.

Our company is located in Wenzhou City which possesses a long history of manufacturing valves and actuators. Inspired by our experience of manufacturing



**THEOBORN**

**NEW GENERATION  
TBNII SERIES PNEUMATIC ACTUATOR**

Reliability  
Unique Design  
High Performance  
Wider Product range

Hard anodized aluminum body  
Nickel Plated pinion  
Anodized life pistons  
Epoxy coated end caps  
Independent external travel stop adjustments  
Stainless steel bolts and nuts

**THEOBORN AUTO-CONTROL VALVES CO.,LTD**  
E-mail: [juen@theoborn.com](mailto:juen@theoborn.com)  
website: [www.theoborn.com](http://www.theoborn.com)

valves and actuators, supported by exquisite manufacturing technique, and enveloped with the special innovative consciousness and serious spirit, Theoborn endeavors to culminate the wisdom, aspires to make the best products, and desires to benefit human beings.

Theoborn people believe that we should consider people as boat, consider wisdom as helm and consider seriousness as sail. Theoborn believes that professional technology, along with sincere service, will obtain customers' hearts, win customers' credits, and move customers.



## Company

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**Website:** [www.theoborn.com](http://www.theoborn.com)

# TUNING Fluid Solutions

## The Company

Since 1995, TUNING Fluid Solutions designs and manufactures a full range of ball valves and pneumatic actuators. From the very start, TUNING Fluid Solutions has grown with the ambition to become your preferred partner and supplier of manual and automated valves. Today, TUNING Fluid Solutions supplies its products to more than 40 countries.

## Technical support:

Our deep knowledge of the specific needs of the chemical, petroleum, pulp and paper and water treatment industries at the international level, allows us to suggest technical solutions perfectly suited to your specific needs.

## Manufacturing & Build to Order:

All our automated valves are built to order. Each and every automated valve is fully tested upon assembly and is adjusted if needed before shipment. We can also automate your in-site valves after appropriate study by our technical department.

## Stock:

We keep ready for delivery more than 7 000 valves in different materials and configurations, more than 3 million Euros stock available.

A fully automated warehousing system for:

- Same day delivery
- 48 hours delivery time for manufactured items

## Our product range

Our range of industrial valves is designed and produced in accordance to the latest directives and certifications. Our quality



assurance department designs our products, controls the manufacturing process and deals with after sales quality issues. Certifications:

CE 2014-68-EU, ATEX 94/9/EC, API 607 5ème Ed., RoHS, TA-LUFT, NACE and EN 14432

We are supplying:

- 1 Ball ,Butterfly, Knife, valves with threaded, flanged or welded end connections. PN16/20/25/40/50 or ANSI150/300/600 and 900 series.
- 2 Pneumatic, electric or hydraulic Actuators,
- 3 Solenoid valves ISO or NAMUR

## Our latest Innovations:

### V-BALL VALVES

Our "V-Ball" 3 pcs and Split-Body are designed for an optimized, precise and economical fluid regulation. Available with 30° and 60° angles.

Numerous advantages VS Globe or Needle valves:

- Lower acquisition cost
- 2 in 1 solution (Regulation and On/Off)
- Easier and economical maintenance

- Air and electricity savings
- Space savings on the piping systems

## PFA lined ball valves:

Full fluorine plastic lining technology is applied for strong corrosive mediums such as acid and alkaline. Suitable for use by the petrochemical, chemical engineering, food processing, and pharmaceutical industries.

## Cryogenic Valves:

Our ball valves are designed for use in cold industries using ammoniac, CFC, HCFC, HFC and other refrigerant liquids. Our patented design valves can be used with a temperature range from -196°C to +150°C. The TFM/PCTFE seats insure a perfect sealing.

## Metal seat ball valves:

TUNING's metal series seated ball valves are designed for extreme conditions such as particles or hot medium up to 450°C. The balls and seats are coated with hard alloy, making it the right choice for your process control.



### Company

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# VALUE VALVES CO., LTD.

## VALUE VALVES has been verified by API.

"Since 1980, VALUE VALVES CO., LTD stands for an international valve enterprise group and reliable partner that offers research, development, design, manufacturing, inspection and distribution service for high-quality valves. After more than 40 years of experience and development, our company ranks first in the valve industry in Taiwan.

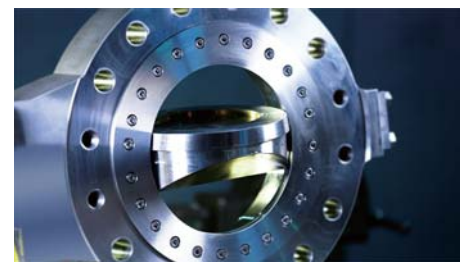
VALUE VALVES has been exporting its products to the United States of America, Japan, Europe, Oceania and other advanced industrial regions. Furthermore, it is partner of BASF, Mobil, Royal Dutch Shell plc, IHI Corp., Veolia Environment S.A., Siemens VAI, Mitsubishi Heavy Industries, Kobe Steel and other internationally renowned enterprises. Customers like the Formosa Plastics Corp., Chi Mei Industrial Corp., Far Eastern Textile Corp., China Shipbuilding Corp., Changchun Chemical Engineering, China Steel Corp. and China National Petroleum Corp. already benefited from our premium-quality valves. VALUE VALVES' products are widely used in the industries of petroleum, steel, shipbuilding, energy, water treatment, paper, HVAC and electronic.

In 2004 the company set up a manufacturing base in Suzhou (China), and five years later a second factory was build.



Until now, our products are used by the Haying (Zhengzhou) Housie Power Plant, National Electric Huizhou Power Plant, nation invested northern part of Bay power plant, Haying (Luoyang) power plant, China and Asia hard pipe plants, Oriental Petrochemical, Taiwan Semiconductor Manufacturing Company, SMIC and other well-known enterprises.

We are adhering to the entrepreneurial concept of "Value, Professionalism,



Quality, Service, Innovation" and are looking forward to convincing you with our qualitative products and services."



**jacketed valve**



### Company

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# Valve Accessories & Controls Inc.

## Our Story

Valve Accessories and Controls (VAC) was created from the idea that customers should always have a choice when it comes to high quality valve positioners. After 25+ years of serving customers with various application needs, Wayne Fleming, founder of VAC, realized the majority of positioner options were over-priced, discontinued, or just plain hard to get. In 2001, he set out to establish a company that would adjust to the specific needs of the ever-evolving industrial control valve industry by staying customer-focused, marketing exceptional products and offering a wide selection of new installation and retrofit solutions.

## Serving OEMs and Distributors

A key aspect of VAC's committed customer service is inventory. Through a network of stocking distributors, we offer basic pneumatic positioners, standard or explosion proof electropneumatic positioners, and a complete line of digital positioners. Designed with a simple yet rugged, metal housing our positioners are equipped for extreme conditions of any environment. Our products provide the control accuracy consumers expect while remaining user-friendly and reliable.

## Your Retrofitting Options

Most industrial control valve packages come equipped with the manufacturer's standard positioner. When the time comes for these units to be replaced,

users assume they have no choice but to repurchase the same standard model positioner. Frustrated, they are ultimately forced to pay for expensive products with unnecessary features that aren't required for the application.

*This is where we come in.* Retrofitting with a VAC positioner is a major way customers stay in control of their options. VAC's complete range of positioners was designed to be flexible and adaptable, capable of mounting on rotary and linear valves alike. We want to help you find the best fit for your application.

Our VAC PAC of quality positioner products includes:

- The simple V100
- The versatile V200
- The digital D400 and D500
- Special coating options such as Nickel or Tufam®
- Temperature ranges available from -58 degrees to 325 degrees
- Various positioner feedback options
- Quality accessories and a wide variety of mounting kits



## Our Reputation

From day one, our mission and primary focus has been customer satisfaction. We have a tight-knit, dedicated team that works together to provide customer service that goes unmatched in our industry. When doing business with us, don't worry about phone mazes and slow response times. Instead, expect prompt, friendly phone service, same day email responses and order shipment within 48 hours or less in most cases. As a privately held, customer-focused company, we can meet your needs much quicker and with much more flexibility.

Come visit us at [www.vacaccessories.com](http://www.vacaccessories.com) or give us a call at 205-678-0507, and let us provide the excellent service and products you deserve.



### Company

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# VanAire Inc

## Continually Setting the Benchmark

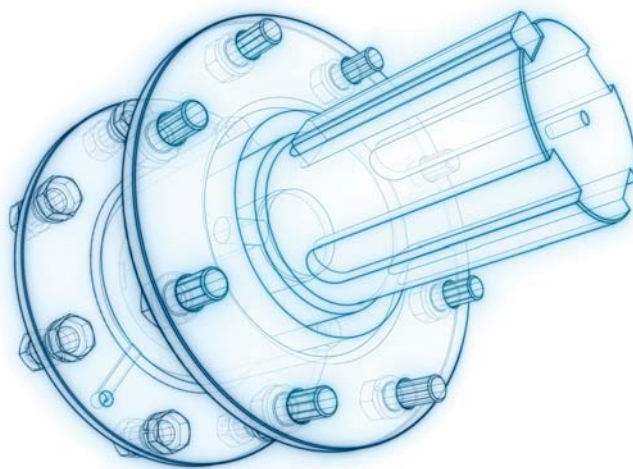
### ISO 9001:2015 Certified

VanAire specializes in engineered solutions for critical infrastructure. We've been recognized as the primary source of engineered valve automation hardware for leading valve and actuator companies.

"Over the past 25 years, our clients have come to understand that having engineered mounting kits is essential for their reputation," notes Steve Soderman, CEO of VanAire. "Even if they're using a great valve and actuator, if they don't give the mounting kit the same attention, their equipment may fail prematurely."

VanAire partners with valve and actuator manufacturers and their distributors across North America and globally. Producing kits that weigh from about a pound to over a ton, these components – which API and ISO classify as torque transmitting devices – are used in the oil and gas, power, mining, waste and wastewater, chemical, pulp/paper, and food production industries, to name a few.

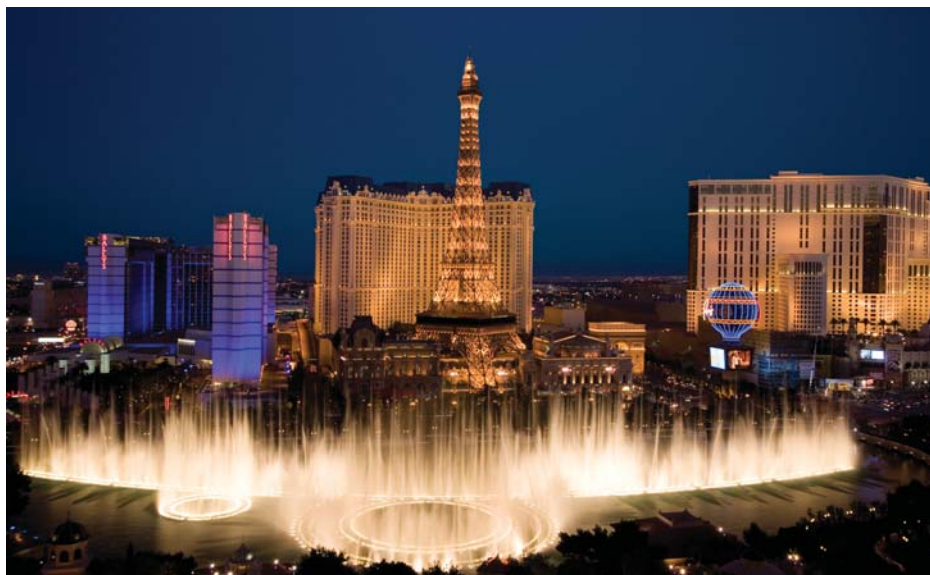
Within VanAire's 45,000-square-foot facility in Gladstone, Michigan, visitors will find more than 75 skilled professionals including professional and mechanical engineers, certified solidworks professionals (CSWP),



American Welding Society (AWS) certified welding inspectors and qualified welders, and American Society of Mechanical Engineers (ASME) section IX welders. The team uses state-of-the-art resources including 15 3D CAD stations with FEA capabilities, more than 30 CNC machines including robotic welders, laser-cutting systems, machining centers,

turning centers, press brakes, blind hole keyseaters, and robotic machine tenders.

"Along with our experienced and ultra-efficient team, the design and manufacturing consistency resulting from our formal ISO 9001:2015 Quality Procedures and Work Instructions really set us apart," says Eric Miller, VP of Manufacturing. "These quality procedures have enabled us to increase our throughput, reduced our lead times and – at the same time – increased our on-time delivery to customers on a global scale."



#### Company

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# Velan

Velan is one of the world's leading manufacturers of industrial steel valves, recognized as a standard-bearer in quality and innovation. The company was founded by acclaimed inventor and entrepreneur A.K. Velan in 1950, and continues to leverage advanced engineering capabilities and innovation to create high-performance valves that meet critical industrial needs in a diverse range of applications.

Velan offers one of the most comprehensive product offerings available from any valve manufacturer, in sizes varying from 1/4" to 80", with pressure ratings from vacuum to over 10,000 psi, temperature ratings of up to 1,500°F, and availability of many material and design options. All of Velan's valves are designed and manufactured with quality and long service life as a priority, and incorporate many unique design features for environmentally friendly performance, simple maintenance, and reliable service. From delayed coking to main steam isolation, and everything in between, customers around the world rely on Velan valves to keep their plants running safely and efficiently.

Velan valves have an extremely broad installation base and are approved by major companies worldwide. In addition, Velan has been an active and trusted name in the nuclear industry since its inception, and has supplied valves to the vast majority of nuclear power stations in the world.



## Velan's global network

- 12 manufacturing plants: 3 in North America, 4 in Europe, and 5 in Asia
- 2 stocking distribution centers
- Hundreds of distributors and service shops worldwide

Velan employs over 1,700 people, the majority of whom are located in North America. The company concentrates on one business—designing, manufacturing, and marketing advanced technology valves in a broad range of types and sizes.

That's why Velan can truly stand behind its tagline: Quality that lasts.

## Primary industries served

### Process

- Refining and downstream
- Unconventional oil processing
- Chemicals and petrochemical
- Coker • Mining • Pulp and paper

### Upstream and midstream

- Onshore exploration and production
- Pipelines • Underground gas storage
- Offshore production, platforms, FPSOs, and FLNGs • Subsea
- LNG liquefaction and regasification terminals and tank farms

## Power

- Nuclear • Fossil • Combined-cycle
- Supercritical • Ultra-supercritical
- Geothermal • Solar • Hydro
- Biomass

## Product line

- High pressure and standard API gate, globe, and check valves
- Severe service metal-seated ball valves
- Resilient-seated ball valves
- Triple offset valves
- Dual plate check valves
- API 6D & 6A ball valves
- Steam traps
- Control systems and actuators
- Engineered-to-order valves



### Company

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# Vinco Válvulas S.A.

Vinco Válvulas SA manufactures ball valves for the chemical, petrochemical, offshore, marine, pharmaceutical, biotech and cosmetics industries.

The focus on the technological development and the know-how obtained, has allowed the expansion to new markets. With customers in capital-intensive industries and operating in extreme environments we find quality, safety and reliability of our products as fundamental aims, which we have been consolidating throughout these almost 30 years of activity.

The course of the company shows in fact its constant development and the search for new innovative products and services. The company is located in V.N Famalicão, Portugal on a modern 4.200 m<sup>2</sup> facilities where the production of valves is performed since their design and development, to assembly and testing under the highest quality standards.

## INDUSTRIAL RANGE



**Sizes:** DN ½" to 12"

**Class Range:** Cl150 to 2500

- Floating and Trunnion mounted
- Double Block and Bleed
- Special Materials
- Fire Safe Certified
- Soft and Metal Seats

## CRYOGENIC RANGE



**Sizes:** DN ½" to 12"

**Class Range:** Cl150 to 1500

- Floating and Trunnion mounted
- Up to -196°C (-321°F)
- Standard TFM Seats
- Soft and Metal Seats

## HYGIENIC RANGE



**Sizes:** DN ½" to 6"

- ASME BPE - DIN 11850 - ISO 1127
- Design for improved cleanability and sterility
- FDA & USP Class VI compliant
- Electropolishing

## MISSION & COMMITMENT

Our target is to exceed our customers' expectations, based in the quality of our products, the follow up guarantee as well as the fast deliveries we can offer. Our experience allows us to propose a dedicated customer service that will find a solution for our customers' demands.



**Vinco**  
V A L V E S

### Company

**Name:** Vinco Válvulas SA

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Vilarinho das Cambas  
Portugal

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# Viza Valve

With over 20 years' experience in industrial valve design and manufacturing, Viza Valve is one of the professional valve manufacturers in China and has become widely recognized by major end users and EPCs for quality products and good customer services.

Viza Valve is specialized in researching, developing and manufacturing industrial valves with the objective of providing project package solution for end users. Today Viza has two specialized valve manufacturing facilities and one specialized valve casting foundry.

Viza's Kun Shan Plant, located in JinXi Town, KunShan city that lies between Shanghai and Suzhou, was built in 2003 and covers a total of 25000 SQM with annual production capacity of 50 million US dollars. The plant produces gate, globe, check, floating & trunnion mounted ball valves, e.g. bellow seal gate & globe valves, metallic seat ball valves, top entry ball valves, fully welded pipeline ball valves, subsea ball valves, CRA clad valves, cryogenic valves for various industrial application.

Tian Jing Plant was built in 2000 and is located in Tian Jing city near Peking, the capital of China. It covers 15,000 SQM and has an annual production capacity of 15 million US dollars, mainly manufacturing rubber lined butterfly valves. The specifications range from 1/2 inch to 48 inch, pressure classes PN10 to 20.

Viza's casting foundry, Tai Bo foundry is located in Tai Zhou city and covers 35,000 SQM with an annual capacity of 8,000 tons



of precision casting and sand casting, unit weight up to 250 KG for precision casting and 250 kg to 1000 kg for sanding casting, material specification including carbon steel, high temperature alloy steel, stainless steel and duplex stainless steel.

Viza Valve set up their quality assurance system in strict accordance with API Q1 and ISO 9001, and also developed an extensive and advanced inspection and testing facility, e.g. high pressure gas test center, CMM to control the production quality from raw casting or forging material to complete valve products, Viza has established a vertical integrated quality control and assurance system.

A Quality Assurance Department leads the supervision of Viza's manufacturing team independently. The engineering, manufacturing, site-inspection, sales and after-sales services departments set up their own quality programs to support Viza's primary quality assurance manual, with the goal of zero defect valves to all customers and continuously improving and enhancing overall product quality.

Viza would like to be the best valve manufacturer. To be your most reliable partner for valves and valve related technology is the promise of Viza Valves in the global industry valve market.



## Company

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 China  
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**Website:** www.vizavalve.com



# VTORK Technology (Wuxi) Co., Ltd

VTORK is a professional manufacturer and supplier of high-quality, advanced-customization, convenient-integration of valve automation products for increasing diversified global customers based in America, Europe and Asia.

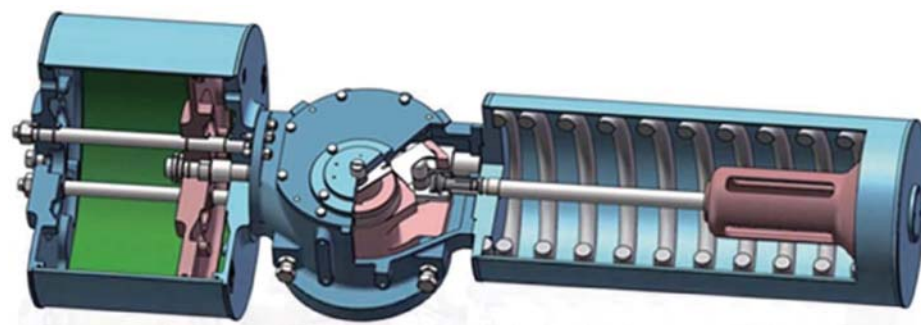
Since established in 2012, the professionals from VTORK have applied engineering expertise and industry experience to offer robust valve automation solutions including rack and pinion actuators, scotch yoke actuators, electric actuators, limit switch boxes and declutch gear boxes.

Our products have been widely applied in a variety of industries and applications with quite positive responses for instance chemical, petrochemical, pharmaceutical, power generation, waste water treatment, food and beverage, oil and gas, etc.

We provide in-house valve automation services, such as CAD design, CNC machining, fabrication, assembly and testing which guaranteed by stable production process with best-in-class machinery and quality control process with world recognition certifications like ISO 9001/ ATEX/ CE/ SIL3 and 18 months warranty.

All the VTORK members are looking for every possibility to surpass themselves

and committed to continuous care to our customers' needs and move our customer's performance forward. VTORK's vision is to hold the global leading position in valve automation industry underpinned by our integrated business model with comprehensive and competitive capability of offering one-stop solutions to our customers.



#### Company

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# VYC industrial, sa

VYC industrial, sa was founded in 1914, hence it is our privilege to be considered one of the pioneering companies in the design, manufacture and marketing of fluid regulation and stop valves. Our technology and the quality of our products guarantee that personnel and other assets are safe and protected, while remaining true to our environmental policy in both selecting recyclable materials and defining methods and processes.

A century of experience in which we have enjoyed the trust of all kinds of customers and sectors. Our main goal is to build on this trust day after day, creating and developing attractive products at competitive prices and providing appropriate information and services.

Our origins were with steam, and that enabled us to become recognised specialists with a closely related EN-ASME valve-manufacturing programme:

- Safety
- Check-Filters
- Steam traps
- Reducing-Mixing
- Float-buoys
- Control-Regulation
- Bleeding for steam boilers
- Automatic level controller
- Window sight glasses-Level indicators



## Safe and Efficient Plants and Processes

VYC safety valves are found in pressurised systems for steam, gas and liquids which require careful protection.

All kinds of industries trust in our safety: chemical, petrochemical, refineries, water supply systems, energy supply and generation, process steam systems, equipment, capital asset manufacturers and more.

We develop tailored solutions and standard products for all these applications. We are in permanent contact with our customers and partners, engineering companies and plant operators. Their information and our know-how mean we can offer an increasingly optimised, effective and flexible product.

The VYC safety valve is the highest selling valve in Spain and one of the most widely distributed and prestigious valves throughout the world.

Design based on 'International standard ISO 4126-1 safety valves'.

## Specifications:

- 90° angle stop
- Operated by direct-operation coiled spring
- Simple construction ensuring minimal maintenance
- Interior body designed to provide a favourable flow profile
- Materials carefully selected for resistance to wear and corrosion

- Fitted with a draining screw to release condensate
- Self-centering valve
- Axis with lever positioner to facilitate immediate manual operation

In the high-performance models, the elevator is separate from the shut-off, facilitating sudden opening with steam expansion and guaranteeing opening precision and complete shut-off with all fluids.

Our valves are supplied sealed at the trip pressure requested.

Every valve is supplied including documents and certificates in accordance with EN-10204 3.1 and P.E.D. 2014/68/EU. Without doubt, the demands we place on our products are demonstrated by these certificates, some of the most complete in the world.

## Precise operation of opening and closing

### High discharge capacity

In accordance with ATEX Directive 94/9/EC "Equipment and protective systems intended for use in potentially explosive atmospheres".

If interested, please visit our web page for further information and contact with our sales and technical team.





# WENZHOU LUOBAI AUTOMATION

WENZHOU LUOBAI AUTOMATION CO., LTD is a professional manufacturer of rack and pinion pneumatic actuators in aluminium with over 10 years of experience. Located in binhai, wenzhou China, 8 Km far from the airport. Total covered area is 3,500 square meters for factory floor space, warehouse and offices. Production capacity installed is over 100,000 actuators per year.

Helping customers succeed has been always our first priority. We do more than just supply the products, we also provide the engineering guidance, expertise, and technology knowledge to meet and exceed your objectives.

## Custom and Service

We manufacture our actuators according to customers' requirement. We take the time to learn exactly what our customers need. Used our engineering expertise and industry experience to continually improve our products, striving to provide robust solutions and competitive prices.

We consistently carry out market research activities to capture latest market information in order to provide the best service & product to our clients.

## Certified and Trusted

Each package is fully performance tested prior to shipment to ensure fast, trouble free installation, start-up and operation. Total customer satisfaction is our goal from the



beginning. LUOBAI has been committed to surpass, not just meet the needs of customers.

Advanced production equipment, complete testing equipment, strict quality management and quality assurance, have been certified by ISO 9001-2015 and EU CE for a long time.

## Mission

LUOBAI is committed to providing customers with high quality, high innovation of industrial valve pneumatic actuator.

We hope to provide a turnkey solution for valve automation through design, supply and after-sales support. In this way, we



can ensure the complete control of product manufacturing to achieve maximum customer satisfaction.

Through continuous market analysis and user feedback, our goal is to continuously improve processes and products to provide the widest range of high-quality actuators, multiple and customized solutions.

## Free Consultation and Quote

We provide free consultation and quotation so that we can learn more about what you need. We will take the time to ask the right questions and arrive at a solution that is affordable and meets all your requirements.



### Company

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# Wenzhou Ruiqiu Valve Co.,Ltd.

## Our enterprise

RUIQIU VALVE (WENZHOU) CO.,LTD. located in Wenzhou city China. The people here were named "Oriental Jew", because of their talented business mind and quick-witted Marketing.

Since its inception in 2001, RUIQIU has focused on the manufacture and sales of High quality complete Kits (ball & seats) and other related components (Body, closure, stem etc.) for Ball valves, on Oil, Gas, Power and Nuclear applications.

With large investments in sophisticated manufacturing facilities, producing high quality products and punctual delivery time, Ruiqiu has become one of the main Ball valve components manufacturers in China.

Our Production is carried out in all types of materials, even plated and/or coated or cladding.

## Main material including:

A105, LF2, F6A, 410, 4130, 4140, F304, F316, 17-4PH, F44, F51, F53, F55, F60, Inconel, Monel etc. The range being produced is from 1 1/2 inch up to 48 inches in diameter maximal from Class 150LB to 2500LB. Our plants consist in Turning Lathes, Palletized Machining Centers and Grinding machine which are fully equipped for special, small and mass-production work.



RUIQIU's rapid growth is a testimony of the company's steadfast commitment to 'Customer First' policy, combined with its unflinching adherence to high ethical standards.

In future RUIQIU will continue focusing on meeting or exceeding customer expectations in terms of product performance and on-time delivery.



## Company

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**Fax:** 0086 577 67982258

**Email:** sales@valveballchina.com

**Website:** <http://www.valvepartchina.com>





# Wolseley Industrial Group

Industrial customers rely on Wolseley Industrial Group to procure, distribute and deliver pipe, valves and fittings (PVF) to build, maintain and repair infrastructure for industrial facilities across the country. Customers in a variety of industries rely on us to help mitigate risk, produce cost savings and optimize performance.

With a national footprint of 178 locations and a leading distribution network, our customers have quick and easy access to a comprehensive product portfolio of approved manufacturers. Our technical expertise, built on our quality assurance program, extensive inventory and service capabilities (including valve automation, pipe fabrication and supply chain services), allow us to provide solutions that meet the requirements of our customers on time, every time.

## Quality People, Quality Products, Quality Processes

The Wolseley Industrial Group quality program is the greatest value we provide our customers as a trusted supplier. Our industry leading quality program focuses on meeting rigorous supplier requirements. Our program includes dedicated associates, a supplier qualification process, an approved manufacturers list and an accredited quality management system (ISO 9001 and ISO / IEC 17025)



## A well-diversified PVF service provider

For projects of all sizes, from maintaining a facility to full turnkey plant shutdowns, Wolseley Industrial Group is a one-stop shop with one of the largest inventories of trusted valve, actuator and accessory manufacturers. The combination of our national network, inventory and fabrication capabilities allows for shorter lead times to meet our customer requirements and provide cost savings.

## Our products include:

- Pipe, Valves & Fittings
- Instrumentation products
- Fuel and petroleum measurement
- General MRO supplies
  - Abrasives, adhesives and lubricants
  - Cutting tools and accessories
  - Fasteners
  - Paper and janitorial
  - Safety products

## Our services include:

- **Valve Automation**  
We offer a comprehensive actuation for almost any application using our dedicated valve technicians and automation centers. We are focused on using trusted brands and providing full traceability and documentation of each valve assembly.
- **Lined Pipe Fabrication**  
From drawings to custom length completed spools, we offer full fabrication of lined pipe shipped to your facility quickly. Our fabrication capabilities include hot forming and pipe fabrication with PTFE, poly, Kynar® and ATL.
- **HDPE fabrication**  
Throughout our national footprint, we offer extensive HDPE fabrication of fittings and specialty structures to our customers using our skilled fabricators and quality equipment.
- **Supply Chain Management Services**  
Our supply chain solutions help streamline operations, improve productivity and reduce total cost of ownership. Our offerings bring visibility to the supply chain to drive shorter lead times and eliminate waste.



<b>WOLSELEY</b>	
INDUSTRIAL GROUP	
Company	
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Website:	www.wolseleyindustrialgroup.com

# Wuxi CTENO Actuators Manufacture Co., Ltd.

**Wuxi CTENO Actuators Manufacture Co., Ltd.** is a leading **valve actuator manufacturer** based in Wuxi City and close to the beautiful Taihu Lake.

We have been here for over 20 years producing pneumatic actuators, manual gear boxes and accessories. It is our wonderful, dedicated employees who make our products of utmost quality for original and new customers worldwide.

We are proud to manufacture, fabricate, and distribute quality products from our 10,000 sqm. facility.

## Our Product Range:

- Rack & Pinion Actuator
- Scotch Yoke Actuator
- Linear Type Actuator
- Manual Gearbox
- Solenoid Valve
- Limit Switch
- Air Filter

Our ISO 9001, SIL 3, ATEX and other certifications guarantee a strong commitment to customer satisfaction and continuous improvement. Second only to our quality is the drive to provide quick, cost conscious service. We welcome all orders and offer the knowledge of a tenured staff that can assist in finding the

right solution for your business.

"Quality assurance is our eternal promise",  
"Cordial service is our eternal pursuit",  
"Factuality and innovation are our eternal goal",  
our company is sincerely willing to cooperate with customers for a better future.

**CTENO - Your trustable partner for Pneumatic Actuators, Manual Gearboxes, Accessories ...!**



# CTENO<sup>®</sup>

## ACTUATORS

## Company

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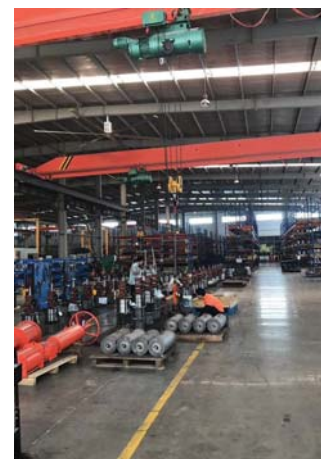
# WUXI FORCE & TORQUE TECHNOLOGY CO., LTD.

Wuxi Force & Torque Technology Co., Ltd. is a professional manufacturer for rotary actuators and linear actuators, mainly equipped with pneumatic ball valve, pneumatic butterfly valve, pneumatic gate valve and pneumatic globe valve etc.. Force & Torque has 150 employees; the annual output value reached nearly 200 million RMB in 2019.

Products mainly include stainless steel pneumatic actuators, RT series rack and pinion pneumatic actuators, high cycle rack and pinion pneumatic actuators, HPY series scotch yoke pneumatic actuators, aluminum alloy scotch yoke pneumatic actuators, scotch yoke hydraulic actuators, HPL series linear pneumatic actuators, linear hydraulic actuators, and D Series linear pneumatic diaphragm actuators. Actuator torque covers from 5Nm to 300000Nm.

Force & Torque are certified for SIL3, ATEX by TÜV Rheinland, API Q1, CE, PED, IP68, EAC etc.. Force & Torque has produced and sold over 50000 pcs scotch yoke actuators and millions of rack and pinion actuators in the past 10 years.

Focusing on the mindset 'Absorbed, Professional, Excellent', Wuxi Force & Torque is devoted to serve customers with more excellent technology and best service.



Company

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# Wuxi Hua Machine Machinery Manufacturing Co., Ltd

Wuxi Hua Machine Machinery Manufacturing Co., Ltd. was established in 2009. My factory has been in line with the high cost performance ratio of products and the principle of service first. For the sake of customers, from the actual situation of customers to consider, to provide customers with the high cost performance ratio of products and continuous efforts. To choose a HUA MACHINE is to choose the right direction. As a reliable, powerful, advanced and trustworthy partner, we are looking forward to a bright future together with our customers.

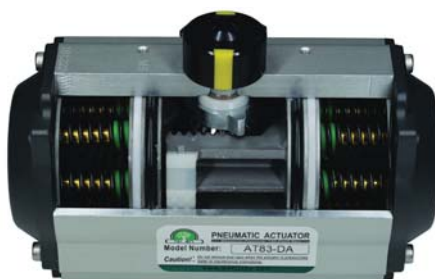
Wuxi Hua Machine Machinery Manufacturing Co., Ltd. is located in Donggang town of Wuxi City. My factory covers an area of 10000 square meters. We manufacture professional pneumatic actuators and pneumatic actuator accessories. We are a high-tech enterprise with our own research and development, manufacturing, testing and marketing facilities. The monthly output of 40,000 sets of pneumatic actuators, and the annual output of 400,000 sets of pneumatic actuators are exported to Europe and the United States, Japan and South Korea, the Middle



East and other countries. Also, my factory has established a deep friendship with local partners.

The actuator and adjustment mechanism of the pneumatic actuator are a unified whole. We have membrane type, piston type, scotch yoke type and rack and pinion type actuators. The long stroke of the piston type is suitable for applications requiring a large thrust; the diaphragm stroke is small and can only directly drive the valve stem. The scotch yoke type pneumatic actuator has the characteristics of large torque in a small space, and the torque curve is more in line with the torque curve of the valve, but it is not very beautiful; it is commonly used on high-torque valves. The rack-and-pinion

pneumatic actuator has the advantages of a simple structure, stable and reliable operation, and is safe and explosion-proof, etc. It is widely used in power plants, chemical industry, oil refining and other production processes with high safety requirements.



## Company

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**Website:** <http://www.wxhjjxzz.com>



# Wuxi St.Hans Pneumatic Valve Actuators Maker Co., Ltd

In the early 1990s, coming with the trend of global manufacturing transferring to China, Wuxi ST.HANS was established, and ST.HANS's first actuator was born.

ST.HANS has achieved becoming one of the most professional and biggest actuator manufacturers in China with more than 20 years of hard working.

ST.HANS supplies three series of actuators:

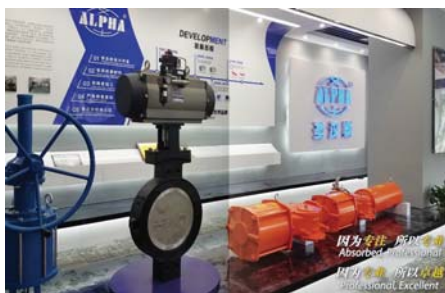
Alpha A series stainless steel actuator; Alpha B series aluminium alloy actuator and Alpha C series aluminium alloy actuator. Beside these, scotch yoke pneumatic actuators are available. With a USD 9 million investment, the company covers 25,000 square meters and hires 200 employees. 250,000 actuators are manufactured and sold annually, with a turnover of around USD 35 Million.

ST.HANS' actuator ranges  $\phi 32 \sim \phi 800$ , the torque is 5Nm ~ 100000Nm.

Leading with its core idea of concentration & professionalism, ST.HANS will serve all its new and regular customers more attentively and professionally with more excellent products.

## Advanced Equipment:

ST.HANS knows that good ideas, management and talent are not enough, refined equipment is equally required to guarantee high production capacity and excellent quality. Importing global advanced producing and processing equipment and talent, ST.HANS now has high-accuracy CNC machines, large-size processing machines and



custom machines, which guarantee the excellent product quality and thus the rapid development of the company.

## Elite Team

ST.HANS sees technology and research as its vitality, knowing that it's the wisdom of a talented team that help find ST.HANS's brand and quality reputation. In order to perfect ST.HANS products, all sorts of senior technology advisers and manufacturing experts vie for ST.HANS in today's fierce brand competition. ST.HANS's continuous innovation guarantees its high researching speed and quality of new products, which fill several technology gaps in China, and make a great contribution to the development of the national industry.

## Quality Assurance

ST.HANS insists on strict control on every step of the process from researching to producing. Its detecting system works from design, material selection, manufacture, assembling



to machine operating. Every step should withstand severe testing to guarantee the highest accuracy and excellent quality. We keep perfecting all details just to ensure our customers' knowledge of ST.HANS's precise and pragmatic attitude...



## Company

**Name:** Wuxi St.Hans Pneumatic Valve Actuators Maker Co., Ltd

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# Yancheng Dafeng Zhongyi Machinery Co., Ltd.

National high and new technology enterprise, sinopec castings qualified supplier Yancheng Dafeng Zhongyi Machinery Co., Ltd., is located at No. 20, industrial road, Nanyang Town, Dafeng District, Yancheng City. It specializes in the production of stainless steel, alloy steel, copper alloy steel, as well as nickel based high-temperature castings and steel with special requirements put forward by customers, using the low temperature wax silica sol process and resin sand process. Single pieces weight from 0.1-1500 kg. We have an annual production capacity of 2000 tons, and obtained ISO of TUV company 9001:2015, PED (97 / 23 / EC & ad2000wo), ISO14001:2004 and OHSAS18001:2007 certificates and 12 patents.

Castings are mainly composed of valve Castings and mechanical products. The valve factory exports to southeast Asia, Europe, the United States and many other countries. We have an annual sales of about 80 million yuan.

In line with the policy of "superior quality, customer first", the company keeps expanding the market, researching and developing new products and new processes, striving for perfection in product quality requirements, and wholeheartedly provides customers with high-quality products and services.



## Company

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# JIANGSU YDF VALVE CO., LTD.

## Your Partner of Flow Control System

YDF Valves was established in year 1978, as one of the leading valve manufacturers in China, YDF specializes in the development of innovative design, through intensive R&D programs and a commitment to be a good partner of flow control system.

YDF's main product lines include Ball, Gate, Globe, Check, Butterfly and Power Station valves, size range of 1/2 inch up to 60 inch, pressure rating of 150LB~2500LB, capable material for carbon steel, stainless steel, duplex stainless steel, alloy steel etc., design temperature of -196~ 650 Deg. C, designed in accordance to standard of ASTM, ANSI, API, BS, JIS and DIN. YDF Valves have been widely used throughout the world in Oil, Gas, Chemical, Refining, Power Generation, Marine and Pipeline Transmission industrial application.

## YDF's Facilities

YDF's Sales Operation Center is located in SUZHOU city China, three valve assembly plants are located in YANCHENG city, Jiangsu Province, China, two casting foundry plants are located in BINHAI City, China, total YDF cover area are more than 120,000 meter square. Totally with about 900 employees, among which there have around 80 engineers specializing in design, process engineer and quality control. All the facilities were based



on the ERP system connecting engineering and warehouse system. In-house there widely use lots of CNC, Machining Center and Large lathes capable for big size and precious production machining. In house the testing capacities include high pressure gas, cryogenic, high temperature, fugitive emission, vacuum testing, life cycle testing etc.

## Quality Assurance

YDF's quality assurance is dedicated to supply zero defect valves to customers with reliable service life.

## After Sales Service

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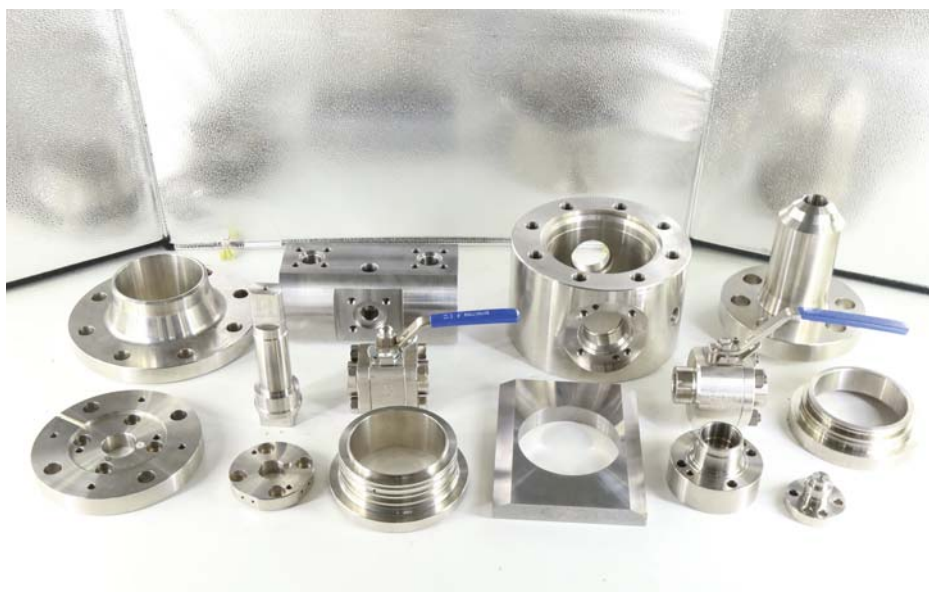
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Zhejiang Boutique Valve Co., Ltd. is located in the "Township of the famous Chinese pump valve", and is a collection of product technology development, manufacturing, sales and service as one of the non regional enterprises.

We are one of the most professional manufacturers of valve parts in China. All high quality valve parts can be made according to customers' drawings by CNC.

Our feature products are valve body, valve cover, seat ring, seat gland, low cover, lower stem, terminal area, valve stem, valve ball, etc. We can produce all the parts according to the material and the drawing of the customer.

We also produce ball valves. All the valves conform to national and international advanced standards, such as ANSI, BS, DIN, GB, size: 1/2" ~ 48", class: 150Lb-2500Lb, working temperature-196 degrees Celsius to 680 degrees Celsius, material including carbon steel, stainless steel, cryogenic service steel, special alloy: Inconel 625, F51, Monel, Titanium, Hastelloy, etc. With years of effort and good management, we have obtained API 6D, CE and fire safe API 607 certificates.



Our company provides users with quality and safety, reliability and stability, reasonable price, timely delivery of products and satisfying service.

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By introducing advanced techniques and adopting a scientific management system, we set up our R&D department, technology department, production department, QC department, marketing department, finance and other internal departments.

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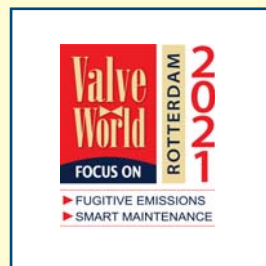
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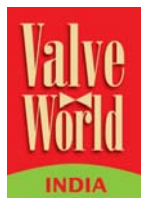
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www.indra.it

#### PACKINGS

#### AW Chesterton Co

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Building A  
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USA  
tel: +1-978-469-6446  
fax: +1-978-469-6785  
info@chesterton.com  
www.chesterton.com

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comments@jddjones.com  
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Salisbury Plain,  
SA 5109  
Australia  
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fax: +61 8 8285 0088  
admin@australian  
pipelinevalve.com.au  
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www.cranecpe.com

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sales@fluorosealgroup.  
com  
www.fluorosealvalves.  
com

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#### NELES

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PO Box 304  
FIN-01301 Vantaa  
Finland  
tel: +358-20-483-150  
fax: +358-20-483-151  
info.automation@neles.  
com  
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Bath, Avon BA1 3JQ  
United Kingdom  
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fsk@fskflow.com  
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### Messe Düsseldorf GmbH

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fax: +886-4-22591616-7  
emico@ms4.hinet.net  
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fax: +34-93-5863604  
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### KITZ Corporation

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kitz.co.jp  
www.kitz.co.jp





### Kong Jih Valve Industrial Co. Ltd.

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Industrial Park,  
Dajia Township,  
Taichung County 437  
Taiwan, ROC  
tel: +886-4-26815268  
Ext. 216  
fax: +886-4-26815788  
marketing@ksvalve.com  
www.ksvalve.com

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fax: +358-20-483-151  
info.automation@neles.com  
https://www.neles.com/

### OMAL SPA

Headquarters:  
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25050 - Rodengo  
Saiano (BS)  
Production Site:  
Via Brognolo, 12 -  
25050 Passirano (BS)  
Italy  
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fax: +39-030-89-00-423  
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### Suzhou Antiwear

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### VALVE STOCKISTS

#### AVA Armaturen Vertrieb Alms GmbH Germany, Netherlands, UK

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Germany  
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www.ava-arms.com

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### Syveco

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fax: +31-596-629-405  
info@controlseal.nl  
www.controlseal.nl  
Valve Manufacturer:  
HELIXSTEM Rising Stem  
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Promenade,  
Suite 750,  
Stafford,  
Texas 77477,  
USA  
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fax: +86 531 87879387  
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http://en.meide-casting.com

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2020

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Australian Pipeline Valve																						
AW Chesterton Co																						
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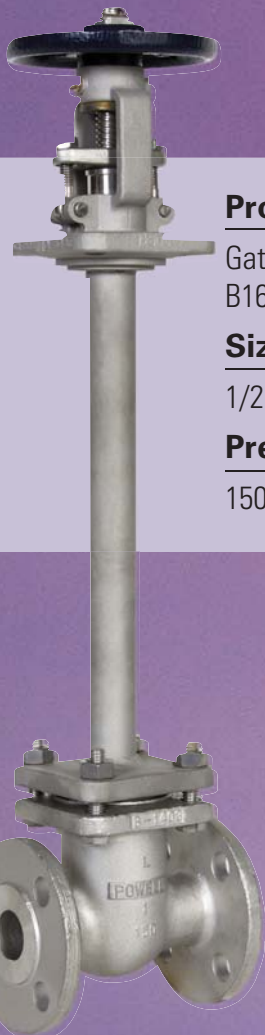


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