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**SMS-TORK**  
KONTROL VALFLERİ & OTOMASYON

# Annual Procurement Report 2018



Cover Story:

## SMS TORK: Turkish with a global reach

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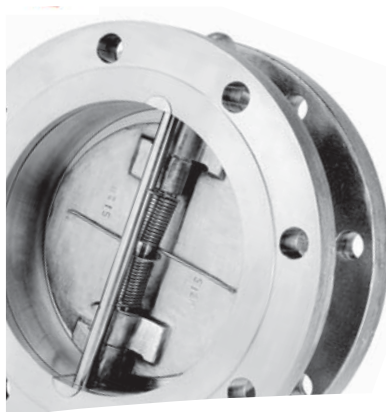


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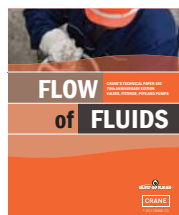
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# A gold mine of your own

Would you like to have a gold mine of your very own? Well now you can, and here it is – the 2018 edition of the Valve World Annual Procurement Report! The following pages are, as usual, packed full of priceless information – a veritable gold mine of knowledge for all those involved in the procurement side of your business. Companies involved in the flow control industry from all around the world here provide you with details of their valve and actuation related products and services so you need look no further. Check out also, the association pages.



2018 is a busy year with various events taking place, including the Valve World Conference & Expo in Düsseldorf, Germany, 27 – 29 November and the 2018 Managing Aging Plants USA Conference & Expo in Houston, 13 – 14 November. Once you have had the chance to look through this report, why not then visit one of our events to meet some of the featured companies face-to-face. Take the opportunity to see products first hand, and combine it with some valuable networking at the same time. See our website for more details: [www.valve-world.net](http://www.valve-world.net)

Our cover story this year, on pages 4 to 7, features SMS TORK, a Turkish, family run manufacturer of solenoid valves and actuators, and global distributor of flow control equipment under its brand name of TORK. SMS' company motto of 'Quality made in Turkey' sums up the company's philosophy in a nutshell.

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

Best wishes,

*Gillian*

Gillian Gane  
Editor





SMS TORK is a well-known name in Turkey for manufacturing solenoid valves, actuators and distributing flow control equipment under its brand name TORK. The company also is very active in other markets such as Europe, Russia, Asia, America and the Middle East.

*By Lucien Joppen*



## SMS TORK: Turkish with a

Ömer Kaya, mechatronic engineer and sales/marketing manager at SMS TORK, is an exponent of the second generation of Kayas at the company. “My father founded SMS TORK in the beginning of the eighties. Initially he acted as an importer and distributor of technical products, valves, actuators and so on. Gradually, my father received more requests for domestically manufactured equipment which would be able to compete in price with western goods. In 1985 he decided to manufacture his first pneumatic actuator for a Turkish chocolate company. This opened doors to other Turkish manufacturers that were willing to acquire domestic equipment. Gradually he expanded his portfolio to solenoid valves, dust collectors for filter systems and pneumatic operated angle seat valves. He also expanded his distribution business for western suppliers of flow control equipment and temperature/pressure

sensors. In general, our customers prefer to deal with one contact for a great part of their equipment.”

### **Dominant in manufacturing industry**

Fast forward more than 30 years and SMS TORK has cornered roughly 50 per cent of the control valves’ market in Turkey and has become a household name for solenoid valves and actuators (both electric and pneumatic) in its home market. According to Mr. Kaya, the company’s success has been attributable to its market approach. “Of course we have competitors in Turkey but these companies are predominantly focussed on valves and actuators for HVAC, water and domestic use. Our markets are mainly in manufacturing: chemicals, food and beverage, paints and coatings and so on. With the acquisition of Varnasan, a producer of ball valves, we also want to move into oil and gas.”





## global reach

As Mr. Kaya states, SMS TORK is difficult to ignore in its home market, especially in the industrial and OEM sectors. However, on the export market, the Turkish company has many foreign competitors.

### Quality and reliability

“True”, says Mr. Kaya, “nevertheless we have ventured with success in these markets. We are exporting to 87 countries. Europe, representing roughly 50 per cent of our export value, is important for us. In Germany, for example, we have established our own office in order to serve our customers better with people on the ground, so to speak. Russia is also a very good market for us. It speaks for itself that the Middle East, due to our proximity to this market, is doing well. We expect more business to come out of this region because of our move into oil and gas.”

Quality, reliability and fast delivery times are main selling points for SMS TORK in the export market (and of course also in Turkey, ed.). Mr. Kaya explains. “We are able to deliver quality against competitive price levels. Of course we are not the only company claiming this, but we have been operating by this maxim for 30 years and apparently our customers are satisfied with our performance.”

### Testing before delivery

Mr. Kaya mentions a customer satisfaction of over 95 per cent. This is an impressive figure but he also a bit wary about this percentage. “Some customers don’t take sufficient time in filling in questionnaires. They just want the product and to use it without problems. That’s why the number of customer complaints is more telling. Throughout the years I have been working for SMS TORK, there have been two or three complaints, on average, each year. From the 250,000 pieces coils we manufacture, on average two to three pieces are being returned. This statistic is more important because it shows we can deliver quality. Testing before delivery is a key asset of our company as we conduct various checks, leakage, coils et cetera. We also communicate to our customers how to install and employ our products. This procedure also contributes to a longer life span and problem-free use.”

### Predictive maintenance

Besides being able to compete on price/quality, SMS TORK is also investing in product and process innovation (see box Turbo solenoid for one example). Automation/digitalisation is also high on the agenda of the company. “We have launched a smart switch box device which is able to measure and communicate parameters such as temperature, inner pressure, cycle time,



*Ömer Kaya: We are exporting to 87 countries. Europe, representing roughly 50 per cent of our export value, is important for us. In Germany, for example, we have established our own office in order to serve our customers better with people on the ground, so to speak.”*

partial stroke test within the actuator. It also enables controlling the actuator from a distance via a hand-held device such as a laptop or a mobile phone. The role of data management in the processing industry will only increase as it facilitates concepts such as predictive maintenance which ideally leads to less downtime. At the moment, there are products/solutions on the market but these are quite expensive. We want to make our solutions accessible/affordable for companies that don’t have enormous budgets for automation.”

### Future is electric

With the advent of digitalisation, SMS TORK also expects that electric actuation

### Quality made in Turkey

On its website, SMS TORK says it is the first producer of solenoid valves, pneumatic actuators, pneumatic actuated angle seat valves, pulse valves and electric actuators in Turkey. The company, which is situated in Istanbul, has an impressive manufacturing facility spanning 4000 square meters. SMS TORK prides itself on developing and manufacturing 100 per cent Turkish equipment and parts for its TORK-brand. “‘Quality made in Turkey’ is our motto”, Mr. Kaya says. “Many of our Turkish competitors source cheaper parts from abroad. We stay clear of these practices as our production and products need to be certified against the latest standards (bsi ISO9001: 2008, bsi CE, UL, SIL3, NSF, ATEX, bsi TS 16949, bsi OHSAS180001, bsi ISO140001, Rosh, GOST(EAC), UKSERPO, TSE).”

will be a driving force behind the global actuation market. Pneumatic actuation will not disappear as there will always be a need for this, for example when fast response times (one or two seconds to shut down, ed.) are needed or when cost is an overriding factor. Electric actuators, on the other hand, can be operated and monitored with greater precision and generate zero emissions, which is not the case with pneumatic actuators.

“We are working hard now to improve our quarter-turn electrical actuators and will do the same in the near future with our multi-turn actuators. We see sufficient room for improvement in the mechanical design of the actuator and some of its individual parts such as the gears. Other aspects which we will be improving are the reliability of the electronics and energy consumption (see box Turbo solenoid).”

### Inventory management

Process optimisation is also a big issue for SMS TORK, Mr. Kaya says. The company is working to streamline its supply chain, which is, according to Mr. Kaya, quite a challenge for a Turkish company.

“The culture in Turkey is that goods are ordered on Sunday and delivered the next week. In other words, every order is important in the eyes of the company. However, we also need to manage our inventory responsibly. If we can reduce our inventory to 50 per cent, we can use these funds for our R&D. Since 2014 we have adopted IFS, ERP-type software which enables us to tackle this issue. Of course we don’t want to abandon our service levels. We are in business to bring solutions to the market in a timely fashion, not to ruthlessly cut into our stocks.”



*SMS TORK prides itself on developing and manufacturing 100 per cent Turkish equipment and parts for its TORK-brand.*

### Continuous improvement

When asked about the near future for SMS TORK, Mr. Kaya says the company intends to further build and strengthen its core

brand on the world stage. “My father wanted to establish a Turkish company with a global reach. As a son of a miner he created SMS TORK out of nothing so I







“‘Quality made in Turkey’ is our motto”, Mr. Kaya says. “Many of our Turkish competitors source cheaper parts from abroad. We stay clear of these practices as our production and products need to be certified against the latest standards.”

have great respect and admiration for him. SMS TORK has thrived throughout almost three and a half decades and has expanded its business from Turkey to the world. However, it is not our nature to rest upon our laurels but to continuously improve our products and manufacturing practices. We also see a more active role in the after

sales trajectory in which we can assist our customers. Communication with end users is important to maintain the quality of our products in operation and subsequently reduce additional costs. We will also engage in maintenance with our team in Turkey next year. If this initiative goes well, we could transfer this concept to other markets.”

## Family business

SMS TORK is truly a family business. As mentioned before in this article, Mr. Kaya’s father founded the company. At the moment, his father, himself and his two siblings are all active in SMS TORK. “We complement each other. My father (see image) is an engineer at heart but not necessarily proficient in economics, howev-



See boxtext 2

er, my brother is an economics graduate, and he deals with the financial organization of the company. My background is in engineering but in SMS TORK I have been active in sales/marketing for our export markets. The family aspect is important but we have grown in size over the years. Now we employ over 140 people - of course, not all family”, Mr. Kaya smiles. “For our family it is important that the company is bigger than just the family and that we should ensure the continuity of SMS TORK for the future.”

## Innovation

Mr. Kaya states that SMS TORK’s R&D department has developed a whole range of new products in 2017: turbo solenoid, cryogenic solenoid valves, NSF certificated solenoid valves for drinking water, refrigeration solenoid valves, proportional solenoid valves and scotch yoke pneumatic rotary actuators.

Given its dominant position in solenoids, the company has developed a so-called turbo solenoid valve. “Solenoids are used in a variety of industrial and domestic applications. In such a wide range two issues have gained importance: energy efficiency and self-sufficiency. In the industry, hundreds of solenoids may be used in one plant alone, mostly out of sight and out of mind. In this situation energy transfer and failure notices of these out of sight valves are the main problems of the users.”

SMS TORK has developed and tested a turbine which generates electricity to control the solenoid valve. A battery system ensures a continuous supply of energy in the event the turbine is not generating sufficient power. “In short, this system is designed to make solenoids more reliable and decrease the use of energy. A win-win situation.”

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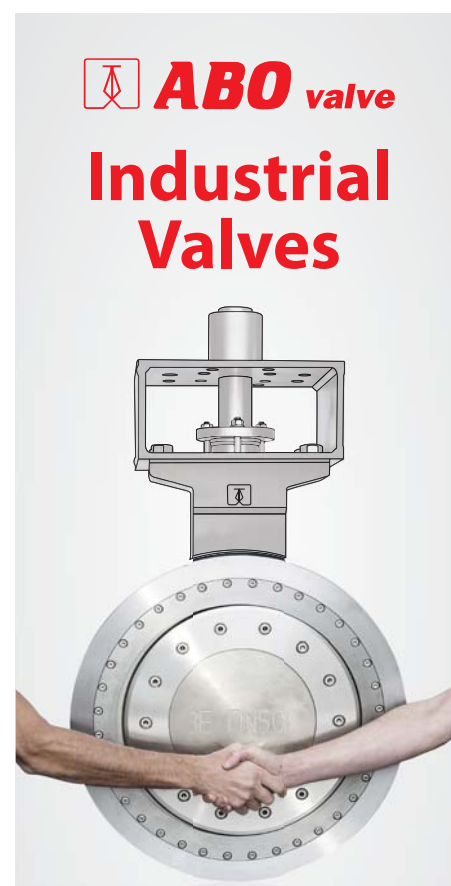
ABO products are certified by numerous European and international authorities like TUV, GOSTR, Lloyd's Register, ABS, or DVGW. Further, API 609-0068 certification is available. ABO manufacturing facilities are certified in accordance with the ISO 9001 quality and management system. This certification ensures high quality of ABO products, their durability, as well as meeting strict safety and environmental regulations by ABO production.

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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.

Since the beginning, the mission of AirTorque has been always to offer innovative products by combining the long field experience as market leader, the innovational spirit, the renowned reliability in actuator design and the high quality manufacturing level supported by high level Western Europe components suppliers and based on the ISO 9000- 2008 quality system.

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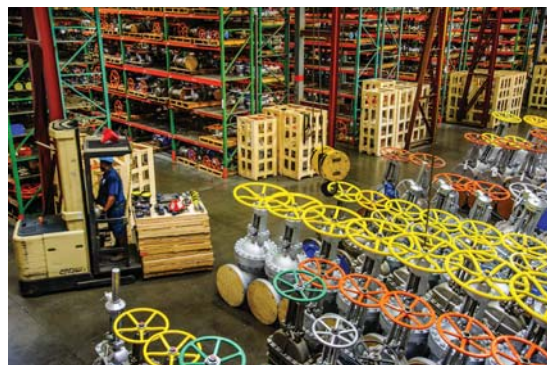
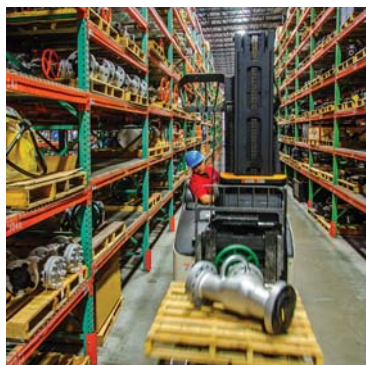
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## TURN-KEY VALVE & ACTUATION PACKAGES

In addition to valves, AIV is a stocking distributor of automation products from



Bettis, Versa, Westlock and Control Air. A world leader in valve automation, AIV maintains 20,000 square foot, full service automation facility in Houston, Texas which houses more than \$10 million in inventory. With its strategic location and a staff of experienced automation professionals, this facility allows AIV to provide turn-key valve and actuator packages and same day deliveries – a unique value-added offering.

## GLOBAL VALVE MODIFICATION CAPABILITIES

When requirements cannot be met with an off-the-shelf valve, AIV is able to provide our customers with a wide range of modifications to new valves through our sister companies - Gulf Coast Modifications in North America and Adanac in Europe. Both companies feature ISO-based quality systems that have been audited and

approved by most major valve manufacturers, and their membership and involvement in organizations such as the API, MSS, BVAA and VMA/VRC ensure modifications are compliant with the latest industry standards.

## RECENT ACQUISITION INCREASES AIV'S GLOBAL INVENTORY

AIV has recently acquired Pennsylvania-based Zenith Supply, a leading master distributor of Velan valves. Velan is a premier manufacturer of valves used primarily in power and downstream applications of the energy industry. Specializing in pressure seal valves, Zenith typically holds approximately \$25 million in inventory, making them a "go-to" provider for hard-to-find and long-lead-time items. This acquisition further strengthens AIV's presence in the global power and downstream industries.



### Company

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# AMPO POYAM VALVES

AMPO POYAM VALVES is an international leader in the design and production of highly engineered valves for the most severe applications and industries.

They are well known for having the most reliable and safest valves on the market, due to AMPO's 54 years' experience, technology, know-how, references, operating time of the valves and a fully in-house manufacturing process with their own foundry. In order to provide the best solution for each project they have one of the widest valve ranges on the market: ball, gate, globe, check, lift plug, switch, slurry angle and butterfly valves.

Their extensive range of solutions offer the highest level of reliability hand in hand with minimum maintenance costs for the most severe industries, such as: natural gas processing, oil & petroleum refining, mining, petrochemical & chemical, power plants, etc.

Moreover, through their AMPO SERVICE team they guarantee a prompt response to customer needs wherever they are throughout the world: technical support in start-up stages, equipment selection, preventive maintenance, training,...

## HEADING TOWARDS NEW SOLUTIONS

AMPO is continuously working on the development of new technologies and processes in order to improve the



performance of systems and efficiency. With the aim of supporting the industry, AMPO's engineering team is also committed to the development of new products, technologies and systems, which is why the company usually works together with EPCs and the end user's engineering teams.

## INTEGRATED FOUNDRY

AMPO FOUNDRY provides the best quality castings and service as it works hand in hand with the manufacturing processes of AMPO POYAM VALVES. At their own foundry, cast materials are produced under strict quality controls and are also fully-machined in a new 12,500sqm machining workshop with the most intelligent machine tools such as; 5-axis machining center with FMS, a cutting edge lathe, weld overlay cladding technologies, etc.

## FIRST CLASS SERVICE

The AMPO service highlights their integral accompaniment. Each project is closely

followed from the very beginning, the development phase, through the creation phase and on past production as they continue with ongoing technical support. AMPO has the capacity and ability to individualise each customer's specific requirements, due to its flexible production processes and first-class technical support.

A further key to AMPO's success is our high production capacity. Modern facilities and logistics organisation enable all products to be managed within the promised delivery times and with all the quality guarantees.

## WHO TRUSTS IN AMPO

Many companies worldwide have placed their trust in AMPO, including: Shell, Chevron, BP, Total, Chiyoda Corporation, Bechtel, JGC, Samsung Corporation, Foster Wheeler, Woodside, Enagas, Rio Tinto Alcan, etc.



Commitment made of steel

### Company

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# ARCA Regler GmbH

## ARCA Valves – 100 Years of Innovation

ARCA Regler, Tönisvorst/Germany is one of the leading companies in control valve technology and the parent company of the international ARCA Flow Group. It concentrates since 100 years on the development, the production, sales and last but not least the service of pneumatic and electric activated control valves.

Arca is your competent partner in all industrial applications, such as power plants, refineries, chemical plants, steelworks, but also in the food industry and pharmaceutical production.

Subsidiaries in the P.R. China, the US and the Netherlands, joint ventures in India, Korea and Mexico as well as a globally operating sales network make Arca your competent partner world-wide. Based on competent and individual consulting, flexibility to meet the application and the customer requirements and with a full lifetime service, Arca is focused to build up a long-term customer partnership. Von Rohr Valves and WEKA Cryogenics, both made in



Switzerland, as well as FELUWA Slurry Pumps complete the production program of the ARCA Flow Group.

In the field of power generation and distribution, Arca supplies all kinds of control valves used in steam and condensate circuits of thermal power plants up to 800 MW, including turbine bypass valves in compliance with TRD 421, made of forged steel and designed for highest temperatures and pressures. Arca control valves with sizes up to DN 800 (32") are used in heat distribution systems.

In the field of (petro-) chemical and industrial process control Arca has established a standard with the modular ECOTROL® control valve

system. Whether metal- or soft-seated, whether with low-noise trim or with double guided stem, the unique SWS quick exchange system offers a solution for each application.

All control valves are equipped with pneumatic linear actuators (optional with stainless steel housing and yoke) with up to 120 kN thrust. Of course, Arca actuators allow direct positioner mounting with integral air supply and optional vent air purge of the actuator spring chamber.

Combined with the self-control capabilities and state-of-the-art diagnostic tools of the smart and field-bus capable positioner ARCAPRO®, Arca Valves offers control valve technology without any compromise, simply the best in performance, quality and reliability.



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# Arflu

Arflu, S.A. has extensive experience in the design and manufacture of industrial valves for the Petrochemical, Gas, Water & Desalination, Solar and Marine Divisions. With many years of experience, Arflu offers the industry properly tested valves, with a very high quality and durability.

Arflu has a production plant in Sopelana (Vizcaya, Spain) and with offices located in Madrid (Spain), Houston (USA), Azerbaijan, UAE, Moscow, Indonesia and China. It also has partners in almost all countries of the world, enabling them to deliver your product in a faster and more effective way than other manufacturers. It also enables them to provide their customers the best possible service to sell, offering them support from the manufacture of the product, to its commissioning and servicing.

## Technology and Innovation

Arflu's technical department is responsible for developing new products and revising the current depending on market requirements. This department has the latest tools for designing the valves:

- Three-dimensional Design
- Drawings 2D machining
- Finite element calculation



The aim of Arflu in the development of these products is the customer and market satisfaction through:

- Designs tailored to your needs
- High Quality Products
- Polished service



**arflu**  
INDUSTRIAL VALVES

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# ARMATURY Group a.s.

## EXPERIENCED MANUFACTURER AND DISTRIBUTOR OF INDUSTRIAL VALVES

ARMATURY Group a.s. ranks among the significant manufacturers and supplier of industrial valves, piping and accessories. The dynamic development is based on more than 60 years of tradition in the field of industrial valves manufacture.

## Extensive range of products

- BALL VALVES
- BUTTERFLY, CONTROL AND CHECK VALVES
- GATE VALVES
- GLOBE VALVES
- VALVES FOR NUCLEAR POWER
- METALLURGICAL VALVES

## Spheres of business activities

Our products are used by satisfied customers in more than 65 countries around the world in the following industries: oil and gas industry, power and nuclear power industry, chemical and petrochemical industry, water supply, metallurgy. We participate in major projects and implement deliveries of technological turn-key projects, where we ensure assembly of valves, actuators, pipes and accessories, including installation, commissioning and customer service.

## Own development and 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. For example: metal seated trunnion mounted ball valve with zero leakage, stainless steel ball valves DN 1400, gate valve DN 1400 with fabricated body, extraction check valve DN 1800, butterfly valve DN 3500 operated by special self-operating



actuator or metallurgical valves used for temperature up to +1500 °C. We use the latest technology and modern technical equipment. Our manufacture plant has an area of 30 000 m². Effective management of warehouses often helps to solve urgent needs of our customers.

## References

Our major business partners are large industrial companies such as Siemens, ABB, Alstom, RWE, Gazprom, Lukoil, Orlen, Gaz-System, AE, ČEZ, ENEL, CAMEG, Rosatom, ArcelorMittal, Doosan Škoda Power, Brødrene Dahl, U.S. Steel, GE, OMV.

## International standards

Our production follows the requirements of international standards EN, DIN, API, ANSI, BS, GOST. The novelty is certificate for manufacturing valves and components according

to the American standard ASME Code III.

We hold the comprehensive set of certificates: EN ISO 9001:2015, EN ISO 14001:2015, OHSAS 18001:2007, PED 2014/68/EU, API Spec 6D, OIT, TA-Luft, Fire Safe, SIL and others.



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# ASAHI YUKIZAI CORPORATION

ASAHI YUKIZAI CORPORATION manufactures and sells thermoplastic valves & piping systems. We present the features and your benefits on thermoplastic products. ASAHI AV thermoplastic valve helps "Another Corrosion Problem Solved" such as to a non-corrosive solution for waste-water treatment, chemical application piping.

## Think Plastic, Add Value

This product is light, does not rust, and offers a long service life. It is highly reliable and resistant to chemicals. These are valves that provide a unique balance of superior properties. We respond to our customers' requirements

by using different materials and shapes to address a wide range of technical and production challenges. At the same time, we are continually developing new technologies, new products and new services for the "Think Plastic, Add Value"

Our piping materials are seen all around us: [Chemical Plant] For chemical fluid lines, metal valves are generally used. However, metal has a drawback, namely corrosion induced by chemical fluid. Our corrosion-resistant valves play effective roles under severe conditions in chemical plants handling strong acids and alkalis, and elsewhere.

### [Steel Mill]

Our products exhibit a high level of durability and operational reliability in lines for acid washing of iron and other lines involving corrosively

### [Water Supply and Sewage System]

Our products are used in chemical fluid lines for the sterilization of waterworks and sewage facilities, in which devices and components need to excel in accuracy, reliability and durability.

### [Agriculture]

Our products are adopted for irrigation piping, gate valves and automatic water supply valves for rice paddies and fields.

### [Aquarium]

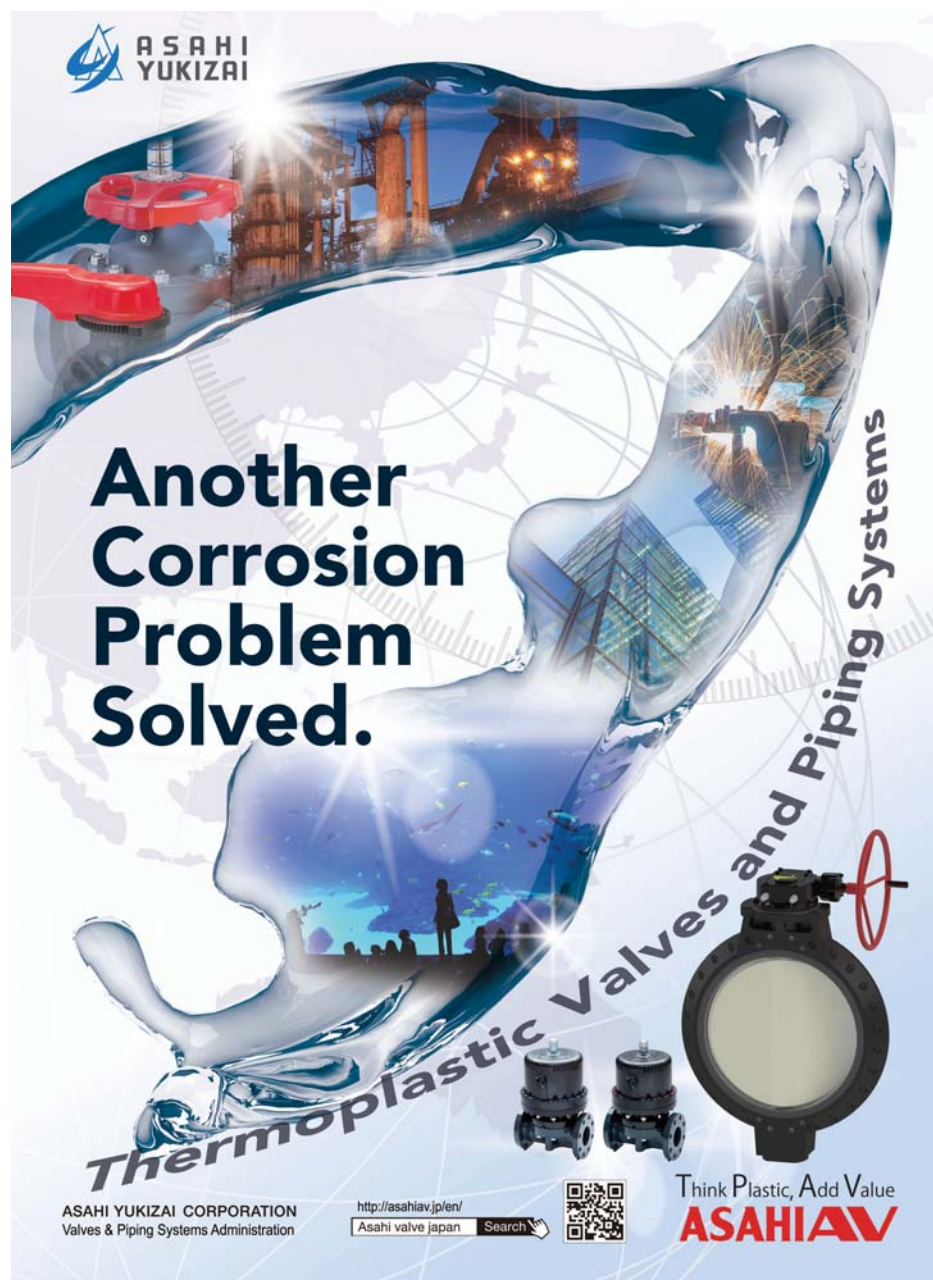

Not prone to corrosion even in seawater, resin valves and pipes are indispensable to aquariums.

### [Semiconductors & LCD Panels]

"Dymatrix" a series of small precision valves and "Falcons" as of precision control units with applications in semiconductor and liquid crystal display (LCD) panel production lines. We have supported manufacturing through valve improvement technologies.

## New Product & New Material

Mixworx Series: An epoch-making mixer and ejector have been developed through a fusion of creative ideas and fluid analysis technologies. IIR-C: As of a piping gasket developed to suitable material for Sodium hypochlorite application piping line.



**Another Corrosion Problem Solved.**

**Thermoplastic Valves and Piping Systems**

ASAHI YUKIZAI CORPORATION  
Valves & Piping Systems Administration

<http://asahiav.jp/en/>  
Asahi valve japan Search

Think Plastic, Add Value  
**ASAHI AV**

## Think Plastic, Add Value **ASAHI AV**

### 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.

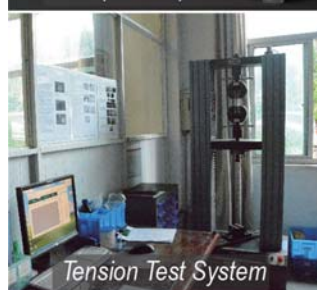
## Certification:

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 Multiport, Metal Seated, 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.

**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. For quick delivery, the A-T trunnion mounted product line is heavily stocked in both the Cincinnati and Houston warehouse/automation centers!

**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.

**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).



**A-T Controls**  
Your Valve & Automation Solution

**TRIAC®**

#### Company

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



# 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*

### Company

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# Australian Pipeline Valve

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

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

View 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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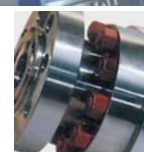
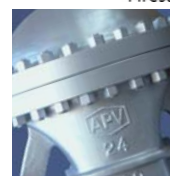
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ISO 15848-1 Class CO2  
Fugitive Emission Certified

API 607 6th Ed. & ISO 10497  
Firesafe Certified



# Global Supply Line - Australia

**World's Largest Valve & Actuator Stock Range.**  
**Global Valve Stockist & Supplier.**

Full inhouse Engineering, Automation & Test facility

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

Stocklist at our website

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

- Butterfly Valves, High Performance & Lined
- Gate, Globe & Check, cast & forged
- Wafer Check Valves, dual & single flap

- Special Service & Control Valves
  - Control Valves: ED, ET, EWS, EWT
  - Diaphragm and Knife Gate Valves
  - Parallel Slide & Geothermal Gate Valves
- Actuators & Controls
  - Pneumatic & Hydraulic Scotch Yoke and Rack & Pinion.
  - API6A Valves, Chokes and Wellheads
  - Hammer Unions and Swivels





# A.W. Chesterton Company

Chesterton is a leading provider of sealing solutions that help companies involved in energy production, process manufacturing, and original equipment manufacturing improve the reliability and efficiency of their rotating, stationary, and fluid power equipment. Chesterton sealing solutions are supported by a comprehensive line of industrial coatings, lubricants, and MRO products designed to extend equipment life and improve productivity. Since 1884, Chesterton has worked with customers to provide sealing and equipment wear protection solutions to help increase their reliability, efficiency, and compliance.

## The latest technology and innovation

Chesterton's innovative products and services focus on helping customers save time and money while maintaining the highest level of equipment reliability. Backed by decades of collective experience, Chesterton's engineers and application/sealing specialists strive to develop the best solution for each customer's unique challenges.

## Chesterton provides global solutions with local service

Chesterton operates at a global level to provide local sales/service and, in some cases, on-demand seal design and manufacturing. Chesterton's solutions include:

- *Mechanical Seals for Pumps, Agitators, Mixers, and other Rotating Equipment:* Chesterton's comprehensive collection of high quality split seals, cartridge

seals, dual seals, gas seals, mixer seals and sealing support solutions are designed to simplify installation, reduce maintenance, and improve reliability. Their experienced sealing specialists provide valuable sealing system analysis to help customers achieve the best long-term, cost-effective solutions.

- *Packing and Gaskets for Valves, Pumps, and Flanges:* Chesterton offers advanced packing products and applications expertise designed to reduce fugitive emissions and leakage as well as increase performance.
- *Hydraulic & Pneumatic Sealing Solutions:* Chesterton provides a range of high-performance seals made from state-of-the-art polymer technologies

that have been field tested and proven around the world in the most demanding sealing applications.

- *Wear Protection:* ARC Protective Coatings safeguard pumps, tanks, and other equipment/structures from abrasion, erosion, and other extreme forces. Our coatings solutions are designed to increase the energy efficiency of pumps; allow for cost-efficient equipment repair; protect surfaces against spills, leaks, and chemical attack; and more.
- *Industrial Lubricants and Maintenance Specialties:* Chesterton's industrial lubricants, greases, and cleaners help reduce bearing failure and other issues that can have an extreme impact on production and performance.



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



# Baoyi Group

Baoyi (valves) group has been developing continuously and steadily since its establishment in 1983. Based on the production capacity of 50,000 m<sup>2</sup> occupancy and construction area of 45,000 m<sup>2</sup>, 300 workers have developed high quality valves over the past 30 years which are widely used in the fields of oil, petrochemical, natural gas, water transport and treatment, chemical, power plant, offshore gas and oil exploration etc..



Baoyi (valves) group own a highly educated R&D team with great ability and skill in researching and developing valves and any other high-technical products with own intellectual property rights by keeping cooperation with several famous universities such as Zhejiang University, Lanzhou polytechnic University, Hefei general machinery research institute etc..

Baoyi (valves) group has more than 100 varieties of main products of which the production line can produce industrial valves in more than ten thousand various sizes. The maximum/minimum characteristics of valves are separately as diameter DN2400(NPS96), pressure PN420(CL2500), min. Work temperature -196°C

## Certificates

- API 600, 6D, Q1, 6A, QR, API 624
- TÜV PED 97/23/EC
- TÜV API 607 & API 6FA
- TÜV ATEX      ■ TÜV TA-LUFT
- CU-TR      ■ BV MODE II SCHEME
- ABS ISO 9001:2008
- CQC ISO 14001:2004
- CQC OHSAS 18001:2007

## Range of products

- Ball valves  
NPS1/2" ~ NPS60", CL150 ~ CL2500  
RF, RTJ, BW etc. Ends  
Bolted bonnet/fully welded body
- Gate valves  
NPS1/2" ~ NPS48", CL150 ~ CL2500  
RF, RTJ, BW etc. Ends  
Solid/flexible wedge, parallel gate
- Check valves  
NPS1/2" ~ NPS36", CL150 ~ CL2500  
RF, RTJ, BW, wafer, lug etc ends  
Swing type/piston type/single-plate disc/  
dual-plate disc
- Globe valves  
NPS1/2" ~ NPS16", CL150 ~ CL2500  
RF, RTJ, BW etc. Ends
- Strainers  
NPS1/2" ~ NPS24", CL150 ~ CL1500  
RF, RTJ, BW etc. Ends  
Y type/T type/basket type

- Safety valves  
NPS1/2" ~ NPS12", CL150 ~ CL2500  
RF, RTJ, screwed etc. Ends  
Spring type, close type, non-closed type,  
micro-open type, full open type
- Butterfly valves  
NPS2" ~ NPS48", CL150 ~ CL600  
RF, BW, wafer, lug etc. Ends  
Triple/double eccentric, center line

## Standards

EN, DIN, API, ANSI, BS, GOST, JIS, ISO etc.

## Materials

Cast/forged carbon steel, alloy steel, stainless steel, duplex stainless steel etc.

## Quality policy

Seeking for the products and services which exceed client's expectation





## BAOYI VALVES

**Company**

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**Fax:** +86 577 6797 2777

**Email:** baoyi@baoyi.com

**Website:** www.baoyivalves.com

# 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, forged steel valves, cast steel valves, 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

At Bonney Forge, headquartered in Mt. Union, PA, all of our sites collectively set the pace for the industry, while our workmanship sets the benchmark.

## Bonney Forge's manufacturing sites include:

- Mount Union, PA, manufactures Bonney Forge's entire line of forged steel fitting, Olet® and forged steel valve products.
- 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 2500#, and the facility specializes in low-emissions and submerged leak testing capabilities. The ever-expanding product portfolio now includes Cryogenic valves.
- 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 craft Engineered Solutions, a program in which we work hand-in-hand 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 urgent valves... FAST!
- We are investing 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 severe service trunnion mounted ball valves, which are great for aggressive midstream applications.
- 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 Eco-Seal® packing are the STANDARD at Bonney Forge not the exception.
- Starting February 2018, we now have 3D and 2D CAD models and drawings available! Visit our website [www.bonneyforge.com](http://www.bonneyforge.com).



### Company

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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.



# Bray®

#### Company

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**Phone:** +1 281-894-5454  
**Email:** [sales@bray.com](mailto:sales@bray.com)  
**Website:** [www.bray.com](http://www.bray.com)



# Burkert Fluid Control Systems

Burkert is a wholly owned subsidiary of Burkert GmbH, the world leader in fluid control systems with offices and/or manufacturing facilities in 50 countries. With over 65 years' experience, Burkert provides custom and off-the-shelf fluid control solutions for a wide range of applications in water and waste, food and beverage, pharmaceutical, medical equipment, biotechnology, industrial process, chemical, and textile markets. Burkert's solutions incorporate local intelligence into valves and sensors and link them with a wide range of industry standard control capabilities to the central process control. Burkert has earned a global reputation as a supplier of the most reliable and innovative solenoid valves, process valves, pneumatic systems, sensors, controllers, and complete fluid systems. Burkert has been a technological development leader, often writing new chapters in valve technology such as the epoxy-encapsulated solenoid system: the DIN cable plug (which is now an ISO standard); the pivoted-armature valve system; as well as the impulse coil. Burkert has delivered many other firsts since producing our first solenoid valve 1954. These innovative solutions include:



a range of non-metallic valves for aggressive fluids; explosion-proof valves for hazardous areas; high temperature solenoid valves; electric valve actuators; and the point to point decentralized intelligent control loops that link sensors directly to valves, cutting system costs by up to 80 percent.

Burkert has facilities and distribution in more than 50 countries worldwide, with production facilities in the United States, Germany, Asia, and France. Included is a comprehensive staff of research, development, quality control, customer engineering support, and service personnel.



**bürkert**  
FLUID CONTROL SYSTEMS

#### Company

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# Carrara Spa

## Global Sealing Solutions

Since 1961, Carrara Sealing Solutions is one of the largest European manufacturers of sealing components for valves, pumps and flanges. Carrara is a competent, flexible and innovative resource that is always focused on customers to provide solutions to improve the reliability, efficiency and conformity of their processes.

### Low-Emission Oriented

Carrara has worked in the low-emission component sector for decades, and today offers a product range that includes low-emission products for valve stems, bonnets and seats as well as LDAR environmental services.

- Packings and Gaskets
  - Valve Components
  - Environmental Services
- API622, ISO15848, TA LUFT VDI2440 low-emission approved graphite packings for valves, flat graphite gaskets and spiral wound gaskets
  - BAM approved for Oxygen services graphite packing, flat graphite, spiral wound, braided PTFE packing and chevron PTFE packing
  - flange gaskets ring joint, camprofile and spiral wound gaskets
  - heat exchanger gaskets double jacketed gaskets
  - fire-safe and graphite gaskets for ball valve seats
  - valve seats seats for soft inserted and metal to metal ball valves, seats for through conduit gate valves, special valve components
  - insulating kit for flanges GRE steel core inserted insulating kit, fully equipped with sleeves and washers for high-pressure applications



- LDAR and SMART LDAR inspection protocols for the detection of fugitive emissions of volatile compounds (VOC) according to EPA Method 21 and IR OGI Camera (Optical Gas Imaging) techniques.





**GLOBAL SEALING SOLUTIONS**

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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.



**Company Name:** Castflow Valves

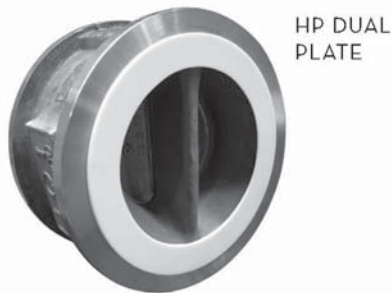
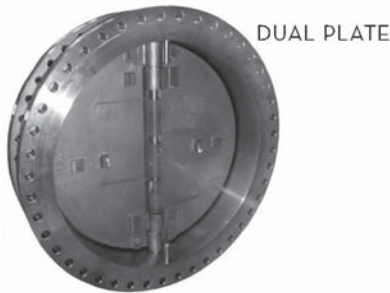
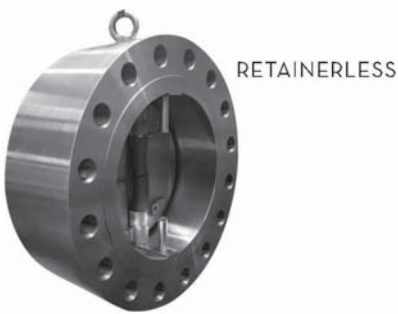
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# Changzhou Heighten Automation Equipment Co., Ltd

## Electric Actuators

### Rack & Pinion / Scotch Yoke

## Pneumatic Actuators

### CE&ATEX

### OEM & ODM Service

Changzhou Heighten Automation Equipment Co., Ltd. is a professional manufacturer of electric actuators, rack & pinion / scotch yoke pneumatic actuators and its automation control systems. Heighten has been researching and manufacturing high tech products and customized solutions for customers since 1995. With the technical manager who has been in the actuator field for over 30 years, Heighten owns a strong R&D team. For years, through continuous research and development based on communication with users, Heighten designs cost-effective actuators with a variety of intellectual properties that own market-leading technology and innovation.

Heighten owns electronic, mechanical and software engineering which has leading technology in the industry, so that we can provide OEM and ODM service. All the electronic modules are developed and produced by Heighten itself, to make sure of the quality and development capability.



It always customizes different circuits based on customers' requirements.

Heighten implements an ISO9001 quality management system, and has CE certifications. The whole team's aim is to provide personalized customer service and emphasize on-time deliveries to satisfy all aspects of customers' requirements.

Heighten's aim is Good quality for survival; Innovation for development; Management for efficiency; Integrity for customer.

With the development of automation, Heighten actuators are widely used in fields such as: water treatment, energy, petrochemical, public works and other industries. All the praise and recognition



we have comes from our focus on maintaining the highest level of integrity, providing excellent customer service and meeting stringent manufacturing and quality benchmarks.

Heighten is starting to set up a global network of agents who can truly provide a worldwide service for customer in future.

### Our Products range is:

HB series Electric Actuator: Max. output torque 8,000Nm

HT series Electric Actuator: Max. output torque 600Nm

AT series Rack & Pinion Pneumatic Actuator: Max. DN size 400mm

HP series Scotch Yoke Pneumatic & Hydraulic Actuator: Max. DN size 1,000mm



**Heighten 汉腾**

#### Company

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**Fax:** +86 519 86860067

**Email:** jocelyn@heightenactuator.com

**Website:** www.heightenactuator.com



# Chaoda Valves Group Co., Ltd

Established in 1984, Chaoda Valves mainly produce Ball, Gate, Check, Globe, Plug valves, etc., which are mainly applied to industries such as oil, refinery, gas, chemical, polysilicon, metallurgy, power, etc. and exported to countries and regions in Europe and America, Asia Pacific, Mideast with stable quality and are well received by clients.

Chaoda has established its own research institute specially engaged in research of new product and new technology. It has been authorized with 143 patents, among them 32 are patents of invention. As the company who formulated the most national standards in the Chinese valve industry, it drafted and formulated 92 national standards and national mechanical industrial standards, which are the great contribution we have made to the technical advancement of our country's valve industry.

Established in 2013 as Chaoda Valve Group, among all the subsidiary companies Qingtian Chaoda Casting Co., Ltd specially produces pressure-containing castings with advanced technologies and techniques to ensure casting quality of Chaoda valves. Zhenhai, Jiangsu and Inner Mongolia Chaoda valve repair and service companies specially repair



high-end valves to create value for clients. Taiwan Chaoda Valve specially provide valve inspection & test, repair, sales and service to the Taiwan market. Chaoda Japan and Chaoda Group USA separately provide sales and

service to the Japanese and North American markets. With a land area of 128000m<sup>2</sup>, Chaoda Lishui factory greatly improves our production capability to open up broader development space.



## Company

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# Charbonneau Industries, Inc.

Charbonneau Industries, Inc. (Ci) is a brand neutral master 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 380,000 square feet of climate controlled office and warehouse space, \$120 million of in-house inventory and approximately \$97 million of inventory on order at any given time.

Charbonneau Industries now has 10 different locations and approximately 320 employees located throughout the nation.

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 25+ 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.**

YOUR FULL SERVICE VALVE & AUTOMATION SPECIALISTS

800-575-6687 | [www.ciactuation.com](http://www.ciactuation.com) | [sales@ciactuation.com](mailto:sales@ciactuation.com)

Brands included in the circular graphic: CAMERON, WILLIAMS, W-K-M, SPX, FLOWSERV, LAMSON, Cameron Ball, Limitorque, TONARIS, SHAPER, and others.



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# CIRCOR International

Customer-Focused Valve, Pump, Pipeline, and Instrumentation Solutions For The World's Most Demanding Applications.

CIRCOR is a global manufacturer and provider of integrated flow control solutions that specializes in developing precision technologies that improve our customers' ability to control, manage, measure and regulate the safe and efficient use of fluids and other natural resources in the Oil & Gas, Power Generation, Industrial, Commercial & Institutional, and Aerospace markets.

## Comprehensive Products and Services Portfolio

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

- Automatic Recirculation Valves
- Ball Valves
- Control Valves
- Steam Conditioning Systems
- Fittings
- Regulators
- Gate, Globe and Check Valves
- Pipeline pigging, flow assurance, and cleaning services
- Instrumentation-specific valves and fittings
- Sampling systems
- Pumps
- Actuators
- Traps

## Aligned To Best Serve Key Customer End Markets

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

- Upstream Oil & Gas
- Midstream Oil & Gas
- Downstream Oil & Gas
- Power Generation
- Industrial
- Commercial & Institutional Facilities
- Maritime
- Aerospace



## 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.

- |                        |                 |
|------------------------|-----------------|
| • KF Valves            | • Allweiler     |
| • Pibiviesse           | • IMO           |
| • Leslie Controls      | • Zenith        |
| • RTK                  | • Clarus        |
| • Schroedahl           | • Cot-Puritech  |
| • HOKE                 | • Houttuin      |
| • GYROLOK              | • LSC           |
| • Pipeline Engineering | • Rosscor       |
| • GO Regulators        | • Sicelub       |
| • Texas Sampling       | • Tushaco       |
| • Contromatics         | • Warren        |
| • Hydroseal            | • Aerosapce     |
| • Mallard Control      | • Circle Seal   |
| • Circle Seal Controls | • Aerodyne      |
| • Dopak                | • Bodet         |
| • Spence Engineering   | • Industria     |
|                        | • Motors        |
|                        | • Hale Hamilton |



CIRCOR is dedicated to growth and continuously improving flow control throughout the energy value stream.



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

# 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 PED 97/23/CE certified by Third Party 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 both in EN / ANSI design standards.

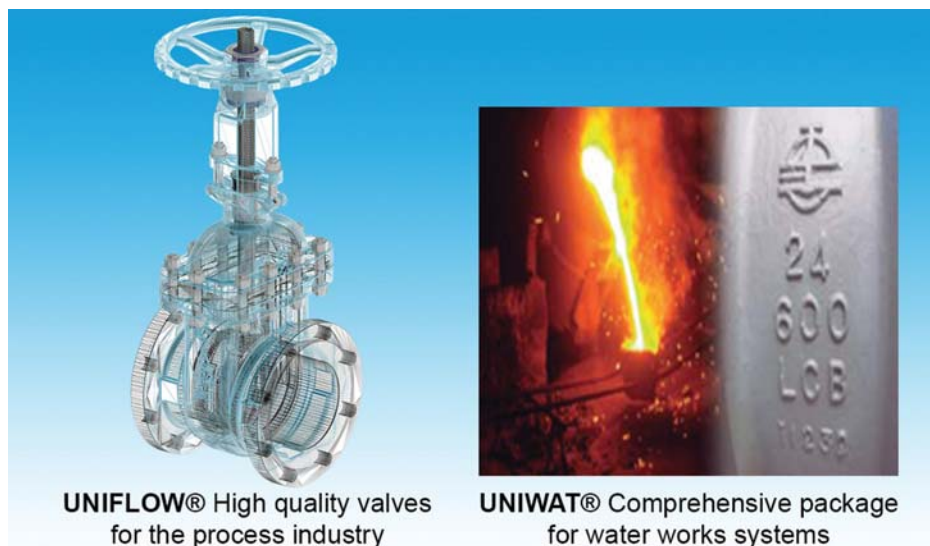
**DIAVAL®** is a niche manufacturing programme of manual and actuated Diaphragm Valves, both in Weir and Straight Through styles, rubber and fluoropolymer lined in diverse material grades and in EN / BS / ANSI design standards.

**UNIWAT®** Resilient Seated Isolation valves, check valves and strainers - both Y and T design- and ancillaries for water works systems.

## Approvals and Added Features

PED 97/23/CE, API 6D, Fire Test API 6FA, WRAS, ATEX, EAC, TA-Lüft.

**Bellows sealed Valves;** Double block and bleed, Metal seated, sealed bonnets, corrosion proof materials and coatings, finned bonnet extensions, valve locks and customized designs.



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

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

 <b>Comeval®</b> A COMPANY OF THE  <b>ARMATUREN GROUP</b>	
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<b>Fax:</b>	+34961472799
<b>Email:</b>	comeval@comeval.es
<b>Website:</b>	www.comeval.es



# Datong Reciprocity Group Co., Ltd.

As a professional valve manufacturer, Datong Reciprocity Group Co., Ltd. takes the initiative to integrate into the strategic plan of “Made in China 2025”, and pays high attention to technological innovation, with great efforts to improve the level of informatization and intelligence.

Taking the lead in the new round of technological change, it wins the initiative and achieves the upgrade.

In November 2017, Chairman of Datong Reciprocity Group, Cai Tianzhi, arrived in Budapest with Chinese Premier Li Keqiang to attend the Sixth Summit of Leaders of China-Central and Eastern European Countries with his delegation of Chinese entrepreneurs, who introduced the development of China's valves and jointly discussed the development and cooperation of heavy industry. Chairman Cai also introduced the overall program of the ultra-low-temperature valve industry of Datong Reciprocity Group, as well as the intelligent factory of Made-in-China 2025 integrated the products, information, data, internet of things and artificial intelligence.



Datong Reciprocity is the first company in China to successfully develop 4,000-meter deepsea valves and -196 °C degrees ultra-low-temperature valve products. The project technology has reached the international advanced level and started the Industrial 4.0 production mode. Datong Reciprocity Group has been awarded as the only “Intelligent Manufacturing Technology Center of Petrochemical High-end Valve Production Base”.



## CHASE VALVE

### Company

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China

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**Email:** sales@chasevalve.com

**Website:** www.chasevalves.com



# De Tomi srl

Complete kits (ball/seats) for Soft and Metal Seated Trunnion Ball Valves. Made in Italy, since 1960.

We are a leading specialist company providing complete Turn-key kits (ball & seats) for Soft or Metal Seated Ball Valve Manufacturers, on Oil, Gas, Power and Nuclear applications. Our working force is constituted of over 50 highly qualified people. Production is carried out with all types of materials, even plated and/or coated. The range being produced is from 2 inch up to 72 inches in diameter maximal. Our plants consist of Turning Lathes, Palletized Machining Centers, Grinders, Welding equipment and HVOF Thermal Spray Coating + Grit blasting equipment which are fully equipped for special, small and mass-production work.

## Products

- Turnkey Kits - Balls - Seats

## Size range

- From 2" to 72"

## Pressure classes ANSI

- 150 to 2500 lb.

## Pressure classes API

- 2000 to 15000 psi.

## Supplying raw material forged and/or centricasted

- Carbon steel (low, mild or higher)  
A105, LF2, LF3, 4130, 4140, F11, F22, F52, F60, F65
- Stainless steel AISI 410-420, F6NM, F316, F316L, F316Ti, F316LN Mod, F304, 17-4/PH, F44, XM19, Alloy 28, Alloy 926
- Duplex and Superduplex F51, F53, F55
- Exotic Materials INCONEL625 or 718, INCOLOY825, MONEL400, MONELK500
- Other TITANIUM - various



## Engineering

- Technical support in ball valve engineering for cladding process

## Cladding (certification ISO 3834-2)

- GMAW (Gas Metal Arc Welding)
- GTAW (Gas Tungsten Arc Welding)

## Plating

- ENP (Electroless Nickel Plating)
- Thickness from 25 to 80 µm
- Hardness from 500 to 1050 HV

## Coating with HVOF Thermal Spray System

- Tungsten Carbide
- Tungsten Carbide – Chrome Alloy
- Chrome Carbide
- Nickel-Chrome Alloy
- Inconel
- Stellite®

## Coating features

- Thickness from 120 to 400 µm after final lapping
- Hardness from 900 to 1400 HV

## Lapping on ball/seats

- Mate-lapping on Metal seated kits, after coating and grinding
- Mate-lapping on Soft seated kits, after grinding process and/or after ENP
- Lapping on balls directly, after the grinding process and/or after ENP

## Seats inserts

KEL-F, PTFE, PTFE CARBOGRAPHITE filled, PCTFE, PI, NYLON G6-G12, VICTREX®, PEEK TM, DEVLON®, DuPont TM, VESPEL®, O-RINGS

## Tests and measurements

- VT (Visual Test)
- PT (Penetrant Test)
- UT (Ultrasonic Test)
- PMI (Positive Material Identification)
- MT (Magnetic Test)
- Hardness
- Ferrite
- Thickness (for cladding, plating or coating)
- Alcohol Test (for Metal Seated Kits)
- Corrosion Test

## Technical features

- Ball roundness on sealing areas: 0,01 mm max
- Roughness after machining: From Ra 0,3 to Ra 0,6
- Roughness after TC coating: From Ra 0,1 to Ra 0,2
- Roughness after EN plating: From Ra 0,4 to Ra 0,8



### Company

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**Website:** www.detomi.com



# Didtek Valve Co., Ltd (Wenzhou)

## Didtek is the word to trust.

Established in 1985, Didtek Valve is a preferred supplier of industrial valves for international projects. Through these years' development, Didtek valve has been recognized as a valve supplier with superior quality and capability of meeting all kinds of technical requirements of customers. It can provide customized products for a variety of intentions, being popular among customers.

Didtek valve is located in Oubei (Zhejiang, China), with 9 kilo meters to Yongqiang Airport, greatly facilitating for the visitor of our international customers and partners.

Boasting excellent technical strength, design and experience in ball valves, gate valves and butterfly valves, our valves have been 100% tested, kept with complete testing pictures & inspection reports. And we can provide a products inspection report list for each order. The company has a quality management system as required by ISO9001 - 2008 and has obtained the Pressure Equipment Directive 97/23 C E (Ped).

The certifications of Didtek valve include ISO9001 - 2008, Ped directive Model H, American Petroleum Institute API 6D, fire safe test certificate API FA, Russia Certificate EAC-CUTRo10/032.

## Didtek Valve Advantages

1. Our Valves have 100% inspection with pictures recorded
2. MTC with Full Quality, Inspection, Packing Report for each order

**idtek**<sup>®</sup>

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+86 18058825678  
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www.didtekvalve.com



3. Kv, Cv, Pressure Temperature rating curve, Torque data's support
4. Stock in UK, Germany, Spain, Australia and so on
5. Full Range Catalog and Technique Support
6. Full accessories supply
7. Outstanding Customer service, within 24 Hours' Response
8. Products Qualified by API6D, CE-H, ISO, EAC, API6FA, API607 and so on.

## Didtek LNG Ball Valve

Application Down to -196°C  
Low Torque  
Long Life Cycle Service  
Bonnet & Stem Extension  
Self-adjustable stem Packing

## Our Exhibitions:

Valve World Germany, Stand 4A13, 27<sup>th</sup>-29<sup>th</sup> Nov 2018  
Valve World Americas, Stand 1112, 18<sup>th</sup>-19<sup>th</sup> June 2019, HOUSTON, TX, USA





# Duxvalves BV

We are an organisation specialized in Valve & Actuator engineering. Established in Almelo (The Netherlands), we produce high quality products in accordance with well-known international standards. Our focus is on quality, flexibility and reliability.

We work in close harmony with our clients to gain the best solution for each typical application. Product performance feedback is much appreciated from our clients, as this allows for regular product improvement. Focusing on the most severe applications, we are capable of improving your system. Using our products for both new projects and modifications on current installations will prove to be very interesting when looking at the total costs of ownership.

Our team consists of experienced professionals who have worked with these kinds of products and applications for many years. They have built up a tremendous amount of experience based on feedback from the field. The added value to our customers is not only limited to superior products and low life-cycle costs, but is



also related to in-depth knowledge of our customers' processes and operating practices. Furthermore, our familiarity with international standards and design practices, product application expertise and our know-how on application related disciplines,

such as metallurgy and control systems, contributes to customer demands.

Complementary to this is our After Sales and Service capabilities, which enable us to provide an excellent Worldwide Service.



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<b>Email:</b>	sales@duxvalves.com
<b>Website:</b>	www.duxvalves.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 2002, in Shanghai China, 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. K.C. 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, which now has DNV certification. 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

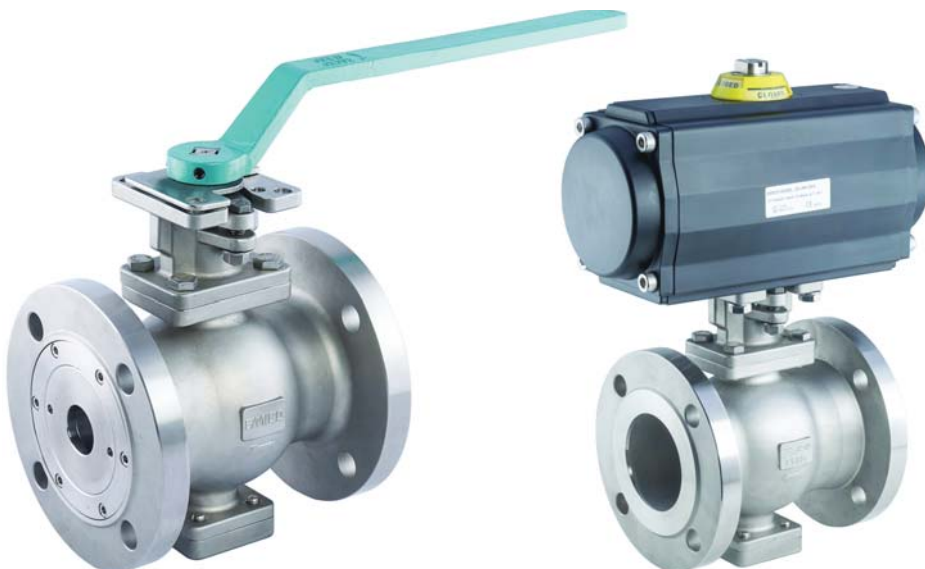
ball valve, segment ball valve, v-port ball valve, gate valves, globe valves and check valves.

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



**EMICO**

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# EFFECIEMME Group

## EFFECIEMME GROUP

Since 1995, the intent of EFFECIEMME Group was to become the reference of the market for the production of **Components for Valves**. Nowadays, EFFECIEMME Group is a dynamic manufacturing company, constantly growing that, thanks to devotion, commitment and continuous technical and quality investments, offers itself as a reliable and professional partner, completely focused on the Valve market.

Effeciemme Group's philosophy is to build a strong relationship with all of its customers, analysing specific requirement, critical applications and special projects, developing the best solutions for these needs.



## ENERGIZED SEALS DIVISION

Thanks to the use of technologically advanced machinery and ad-hoc software, we are able to produce gaskets using any type of thermoplastic material, with dimensions starting from Ø 1.5 mm to Ø 2750 mm. We manufacture energized seals for cryogenic service, for high temperature and high pressure (up to API 15000).

- LIP SEALS
- STEM PACK & V-PACK
- FLOATING SEATS
- BACK-UP
- DRIFT TOOLS

important goal, on our internal laboratory. Thanks to specific and innovative test machines, analysis instruments and a certified quality system, Effeciemme can ensure a high-quality standard of our products. We can provide certifications following the below set of rules:

- API 6A
- NORSOK M-710 revision 2
- NORSOK M-710 revision 3
- Standard Certification 3.1 and 3.2



## SLIDING BEARING and THRUST WASHERS DIVISION

Effeciemme manufactures bearings and washers self-lubricating in different materials such as Carbon Steel, Aisi 316, Inconel 625 and other materials on request. Depending on the application there are different coatings such as ptfe, Bronze+ptfe, Fabric+ptfe and two special treatments for high temperature (up to 600°C).

## R&D DIVISION

Research and Development are the basis of technologies and new products that Effeciemme Group provide. Using our **3D modelling and FEA (Finite Element Analysis) software**, we greatly reduce the trial and error method, especially critical to Effeciemme and their customer. The engineering department of Effeciemme is continuously searching to develop new reliable solutions for every critical application.

## LABORATORY DIVISION

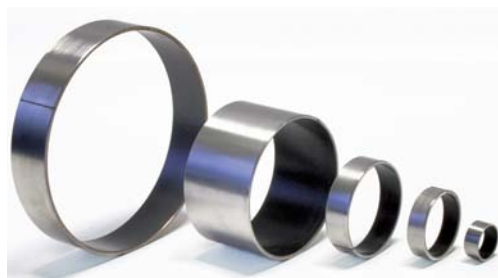
The strong demand of quality needs brought Effeciemme Group to invest, as the most

invested in internal testing division. Using several bench tests and specific equipment, it's possible to test our components simulating the operating conditions of the valves. Effeciemme Testing Division can analyse products in:

- HIGH TEMPERATURE CONDITIONS TEST
- CRYOGENIC CONDITIONS TEST
- HIGH PRESSURE CONDITIONS TEST

## TESTING DIVISION

In order to validate our projects and products, since 2018, Effeciemme Group has



### Company

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# FangZheng Valve Group Co., Ltd

Fangzheng Valve Group Co., Ltd. (FZV) is located in Wenzhou, P.R. China.

With over 30 years of experience in valves manufacturing, we have office branches worldwide as well as factories in both Wenzhou and Shanghai. We are a member of the China Valve Association and a network supplier member of CNPC (China Petroleum & Natural Gas Group), SINOPEC and CN00C.

FZV is an ISO 9001, ISO 14001, ISO 18001, API 6D, API 600, API 6A, API 6A-PR2, API 607, ATEX and CE/PED certified company. Our current annual production capacity is over 16,000 tons and 85% of our products are exported to the international market.

We have our own high-temperature and cryogenic test labs (with TAT test) which are approved by SHELL. We also have our own fire-safe test labs and fire-safe system which are certificated by LLOYD'S. Due to our stringent quality control and excellent

services, our customer base is constantly increasing and now includes world renowned international EPCs. FZV is the approved vendor and has close working relationships with the following companies: SHELL (Holland), NOV (USA),

FLUOR (USA), ENI (Italy), TECHNIP (Italy), WORLEY PARSONS (UK), ARAMCO (Saudi Arabia), PDO (Oman), DODSAL (Dubai), NISOC (Iran), NIOEC (Iran), NIGC (Iran), NIOC (Iran), CHIYODA (Japan), PETRONAS (Malaysia), Sembawang Engineering (Singapore), etc.





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# 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 C01/C02 Certificate
- API RP591 Test Reports
- API 624 Test Reports



## 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



### Company

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# FluoroSeal Inc.

## WORLDWIDE PRESENCE

FluoroSeal operations span across the world – from headquarters in Canada, to an international sales force and manufacturing facilities. With over 500 employees worldwide, FluoroSeal is a leading provider of innovative solutions to the flow control industry.

For over 30 years, FluoroSeal has been manufacturing and customizing a wide range of valves, parts, and accessories for various industries such as Oil & Gas, Chemical, Petrochemical, Power, Pharmaceutical, and Mining. Our client-oriented culture allows us to understand complex industry needs and meet the highest quality standards - that is why our manufacturing processes are ISO 9001:2015 and PED 2014/68/EU certified.

Our foundries and manufacturing plants in Canada and China enhance our capability to offer an extensive range of high quality valves at competitive prices in a wide range of exotic alloys on demand. With its large network of warehouses, distributors, and representatives, FluoroSeal is capable of delivering valve products, technical support, and complementary services worldwide and is able to support its customers with quick deliveries in case of emergencies and unscheduled shutdowns.

Our product offering is continuously evolving thanks to our team of highly skilled designers, engineers, and metallurgists who ensure the application of the latest technologies in CAD software, production methods, machinery, quality control



procedures, and testing to all of our products.

## Product Lineup

### Plug Valves

- Lined Plug Valves
- Sleeved Plug Valves
- HF Alkylation Plug Valves
- Severe Service (FE) Plug Valves
- Special Service Plug Valves

### Ball Valves

- Lined Ball Valves
- Floating Ball Valves
- 2-Piece Trunnion-Mounted Ball Valves
- 3-Piece Trunnion-Mounted Ball Valves

### Butterfly Valves

- Lined Butterfly Valves
- High Performance Butterfly Valves

### Cast Steel Valves

- Gate Valves
- Globe Valves
- Swing Check Valves

### Actuation

- Pneumatic Actuator
- Declutchable Manual Override

### Industries Served

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



### Company

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**Fax:** +1 514-739-5452  
**Email:** sales@fluorosealvalves.com  
**Website:** www.fluorosealvalves.com



# Fluorten S.r.l.

Since 1966 Fluorten, is a worldwide market leading manufacturer of customized technical engineering industrial components made of PTFE and HPP – High Performance Polymers.

## Main features

- Virgin pure and filled top quality PTFE grades
- 3M™ Dyneon™ TFM™ Modified PTFE
- Victrex® PEEK , natural and filled grades
- PCTFE for cryogenic environment
- DuPont™ Vespel® – Official Italian Distributors

From raw materials to finished parts, we supply components for the Oil & Gas industry in general and specifically for valves such as:

- Seals, inserts and seats for floating and trunnion valves
- SES – Spring Energized Seals – 100% in-house from design to finished parts
- Victrex® PEEK , PCTFE , PTFE and 3M™ Dyneon™ TFM™ tubes for customers Machining
- Bearings
- Packings

Materials certified according to Norsok M-710 Ed. 3 and API 6-A are available on demand. In July 2014, Fluorten joined Sealcore Network, a group of companies active in many industrial sectors including O&G for standard and



endless O-rings, sliding bearings and thrust washers.

The synergy, the sharing of the information, and the know-how of the companies in the Sealcore Network provides the possibility to offer a wide range of technical products, the guarantee of a quality made in Europe, and a complete service to meet the needs of the global market.

With 50 years of experience in worldwide markets, Fluorten is a leading reference in “High Performance Hearts” components made in Italy.



**fluorten®**  
PTFE & Technopolymers manufacturing



## Company

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# Forum Energy Technologies, Inc.

## Reliability, Uncompromised.

Sometimes it all comes down to a single valve. That's why we make it our goal to provide the highest quality and finest selection of rugged, reliable valves and ISO-compliant actuators and accessories for every critical point in your operations.

By providing proven products supplemented by customized manufacturing, engineering and a complete range of support services- from labor and materials to documentation and transportation- we can eliminate weak links in the supply chain and your bottom line.

### DSI® Valve

With over 30 years valve experience, DSI designs and manufactures a full line of forged, cast, stainless steel and pressure seal gate, globe and check valves. DSI offers a wide variety of configurations, pressure classes and special alloys required for difficult fluid compositions, high pressure and high temperature applications including petroleum refining, petrochemical, chemical, oil & gas and power generation.

Product Range: 1/4" thru 36"  
Class: 150 thru 2500

### PBV® Valve

PBV designs and manufactures custom ball valve solutions to exceed difficult oil & gas requirements. From weld overlays for hostile environments to fabricating extensions and coatings for buried service, PBV engineers deliver one-of-a-kind valve solutions. PBV offers a full line of on and offshore floating and trunnion ball valves, API 6D check valves, subsea valves, severe service valves and slab



gate valves for petroleum, chemical, power generation and gas pipeline applications.

Product Range: 1/2"FP thru 56"FP  
Class: 150 thru 2500

### Quadrant® Valve & Actuator

Quadrant valve and actuation products solve customers' real world safety and compliance issues. We assist in identifying and supplying the best solution to any industrial or oil & gas valve requirement. Quadrant offers a full line of threaded, seal welded, maintenance design, multi-port and flanged floating ball valves, butterfly valves, actuators, gear operators and accessories for your project's success and safety. Applications include industrial, chemical, oil & gas production and gas pipeline.

Product Range:  
Ball Valves: 1/4" thru 10"  
Pressure Class: 200 thru 10,800 psig  
Butterfly Valves: 2" thru 48"  
Pressure Class: 200 psig

### ABZ™ Valves & Controls

ABZ valves and controls come in a wide variety of sizes and functions from general purpose to high performance, designed to withstand difficult fluid compositions and high temperature applications. ABZ manufactures butterfly valves, actuation and automation products for power, hydrogen, oxygen, high & low temp, chemical, saturated steam, oil & gas processing, and cryogenic service.

Product Range: 11/2" thru 72"  
Class: 150 thru 600 or rated up to 200 psi

### Cooper® Valves

Born in 1930 in the heart of industry, Cooper Valves has consistently taken the lead in delivering quality products and meeting the changing needs of its customers. After becoming the first company to successfully pour 304 Stainless Steel in 1934, Cooper has grown to become an internationally accepted and approved manufacturer, while continuing to develop its technologies to manufacture valves in a wide array of exotic alloys that are notoriously difficult to pour and machine.

The company has continued to improve its designs and processes to ensure that it is manufacturing the best valves for its customers. Cooper's valves are manufactured to all applicable sections of ANSI and API standards used around the globe.

With the 2013 acquisition of Accuseal®, Cooper expanded its broad product line of cast and forged gate, globe, check, and resilient-seated ball valves to include Accuseal's renowned metal-seated ball valves. Accuseal's highly advanced and optimally engineered severe service ball valves meet Class VI Shut-off standards, strengthening Cooper's position as an emerging global leader.

In January of 2017, Cooper became a part of Forum Energy Technologies.



#### Company

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**Website:** www.f-e-t.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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# 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 Rodes"



- EC homologation and other specific certifications for markets in Belorussia, Chile, Poland, Russia and Ukraine.

More than 37 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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# 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 20 years of tradition in the field of industrial valves manufacturer. 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 250 satisfied employees we are able to manufacture more than 30,000 Valves per month.

## 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 and 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.

## 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 have supplied ball valves up to 750 mm x 600# Class to various gas pipelines projects in India. Effective management of our 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 a comprehensive set of certificates: ISO 9001:2008, API Spec 6D, Fire Safe, Helium Leak Test, Cryogenic Test, Fugitive Emission Test and many more.

## Geographical Advantage

We are located at Rajkot which is one of the largest valve casting producers in the world and all our suppliers are nearby to us which enables us to have prompt deliveries of our basic raw materials.



### Company

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# Goodwin International Limited

Goodwin International Limited, the market leading manufacturer of Dual Plate and Axial Non return Check valves for use in the world's hydrocarbon, energy and process industries.

In Q4 2016 Goodwin launched to the global hydrocarbon industry its brand new range of Actuated Axial Isolation and Actuated Axial Control Valves. With a range of novel, innovative, unique and patented features this new range of valves offers to the industry some much needed quality competition, competitive pricing

and improved deliveries, to what is a monopolised market of one manufacturer.

Manufactured at the same facility as the existing range of Dual Plate and Axial non return check valves, this new range benefits from the same engineering design expertise, quality processes and excellent delivery performance that Goodwin International name is renowned for.

Based in the United Kingdom, Goodwin sells internationally, exporting to over 50 countries. Goodwin offers outstanding support to its customers listed amongst whom are many

of the world's end users, oil majors and international engineering contractors.

With some 40 years of valve manufacture and selling internationally, Goodwin has an enviable reputation for quality of product and exceptional service.

## Goodwin Factory Accreditations

BSI ISO 9001 (FM00343), PED 2014/68/EU, ATEX 2014/34/EU, BS OHSAS 18001:2007 (OHS 600980), BS ISO 14001:2004 (EMS 600979), PAS 99:2012 (IMR 613512), ACHILLES FPAL (10042851), ACHILLES UDVb (206106), ACHILLES JQS (12283)



**GOODWIN**  
INTERNATIONAL LTD  
AXIAL ISOLATION & CONTROL VALVES

### Company

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# grm válvulas e Instrumentación s.l.

If you are looking for a fluid transporting solution in your company, Válvulas e instrumentación s.l, GRM offers the possibility to satisfy your needs thanks to our specialized technician team that will solve your issues as soon as possible, this is very important to us so we offer a free advice service in chemical engineering supported by our engineering department. In a world where speed and efficiency are a requirement, our company has invested since its creation in finding the best solutions in:

- Valves and steam/control devices.
- Industrial instrumentation line.
- Pipes and fittings.
- Industrial pumps.

Our target customers are companies working in the chemical, food, pharmaceutical, refinery, process engineering, paper, mining, cement, and civil construction sectors. Since 2003, we have been supplying the following brands:

## Afriso Euro-Index (Germany):

Manufacturer of devices like Manometers, thermometers, pressure transmitters, PT100 probe sensors, liners, buffers, level gauges, for all kinds of fluids.

## Georgin (France):

Pressure gauges and thermostats, low and high-pressure differential, direct or capillary bulb. Marine, railway, nuclear, chemical, pharmaceuticals, food and mining industries.



## Kitz ISO (Japan):

Manufacturer of ball, butterfly and gate valves according to DIN and ANSI standards. GAS Service. Brass and bronze valves. For all kinds of fluids, pressures and temperature.

## Persta (Germany):

Manufacturer of valves according to DIN and ANSI standards, both for high and low pressures. Gate valves, shut-off valves, shutdown valves, for all kinds of fluids, pressures and temperatures. Nuclear valve service.

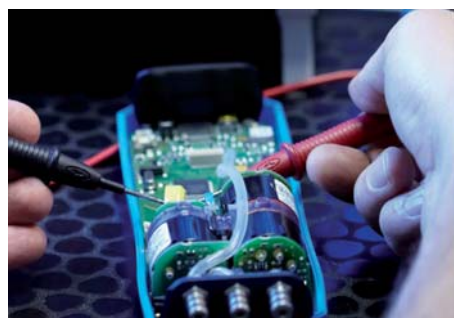
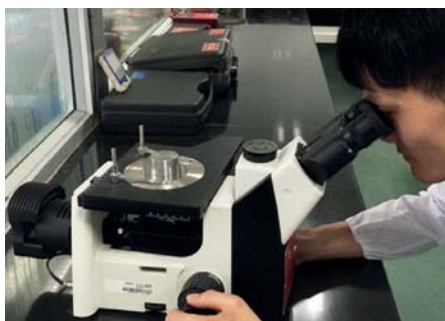


## Tecfluid (Spain):

Manufacturer of flowmeters (Electromagnetic, volumetric and ultrasonic) Level gauges (Mechanical, electronic, floating, vibrating fork). Mechanical counters (Turbine, volumetric).

## KTN, Kara technology news (Spain):

Our main brand, which manufactures ball, check, gate and globe valves (#150, #300 and #600). Rubber expansion joints, rubber expansion joint-double wave (NPT-thread). Sight glasses threaded and flanged ends. Y type strainers threaded and flanged. Bimetallic thermometers (connection: back, bottom and angle).



### Company

**Name:** Válvulas e instrumentación s.l.

**Address:** Ctra. Rubi-Sabadell  
Km 13, Nave 4  
E-08191 Rubi (Barcelona)  
Spain

### Madrid

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**Fax:** +34 93 588 85 95

**Email:** grm@vigrm.com

**Website:** www.vigrm.com



# Hi-Alloy Valve

Hi-Alloy Valve manufactures a broad range of O&G valves for the upstream, midstream and downstream markets including, ball, gate, check and globe valves. Our extensive product offering encompasses a wide array of valve types, sizes, pressures, materials end connections and further detail specifications to satisfy the unique valve needs of our customers.

We cater to energy clients in North and South America, Middle East and Asia with comprehensive support and service, offering high quality standards, competitive pricing and accelerated delivery.

We are headquartered in Houston, Texas USA. Our principals bring vast experience in the manufacturing and machining of highly trusted valves for reliable service in the most demanding applications. Our mission is to manufacture and deliver high quality valves with exceptional turnaround time and a strong commitment to safety, integrity of the product and customer satisfaction. In order to accomplish this, we do our own in-house engineering, design, machining, assembly, testing and inspections.

Our Valves are manufactured according to API 6D & 6A standards and our process is modeled

after ISO 9000 and Q1 standards, and work towards assisting with MBE/HUB efforts. Our unparalleled experience integrates industry best practices with comprehensive support and services. Hi-Alloy is committed to the highest

quality standards and we ensure that our customers receive comprehensive after-market support all the while respecting our business agreements with partners in the different geographical international regions.





**Company**  
**Name:** Hi-Alloy Valve

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Houston TX 77040  
United States of America

**Phone:** +1 713 856 9777

**Fax:** +1 713 856 7773

**Email:** sales@hialloyvalve.com

**Website:** www.hialloyvalve.com



# HITECH APPLICATOR

HITECH APPLICATOR supply a complete range of PTFE lined valves, piping, fittings, reactor accessories and sheet lining services for chemical equipment and have, over the years, established themselves as one of the most trusted Indian manufacturers owing to the innovative and flexible scope of products on offer.

Established in 1994, today the company has over 25 years' experience in polymer processing, and with continuous improvement and innovation in manufacturing technology, HITECH APPLICATOR has geared itself to offer fluoropolymer lined products that meet international standards like ASME, ANSI, ASTM, DIN, BS, etc.

Products offered by HITECH are : TEFLON PTFE/ PFA lined valves like Ball Valves, Butterfly Valves, Plug Valves, Diaphragm Valves, Check Valves, Sampling Valves, Flush Bottom Valves etc. ; TEFLON PTFE/PFA lined pipes and pipe fittings like 90 Deg Elbow, Equal/Un-Equal Tee, Cross, Reducers, Reducing Flanges, Expansion Bellows, Y Strainers, Basket Strainers, Sight Flow Indicators; TEFLON PTFE/PFA lined various process equipment; Fluoropolymer Heat Exchangers ; TEFLON (PTFE, PFA), TEFLON (ETFE), HALAR (ECTFE) thick coatings; Anti-corrosive linings & coatings.

HITECH APPLICATOR offers products made from various production methods of Injection

**INTRODUCING FIRST TIME INDIA** EXCLUSIVELY BY HITECH APPLICATOR

**AMETEK** FLUOROPOLYMER HEAT EXCHANGERS\*  
 • Shell and Tube Heat Exchangers  
 • Immersion Coil Heat Exchangers  
 • No Fouling, No Scaling, No Thermal Shock  
 • No Differential Expansion or Corrosion

**FLUOROFIT** COMPLEX SHAPES SEAMLESS LINING  
 • Jointless Lining in Complex Shapes  
 • Full Vacuum Resistance Even in Bigger Sizes  
 • No Welding Seams or Adhesives  
 • Facilitates Reduction of Flange Joints

LOCALLY AVAILABLE WITH GLOBAL TECHNOLOGY UNDER MAKE IN INDIA INITIATIVE

**PTFE LINED SYSTEMS**  
 (WATER / PAPER / PETROCHEM / FOODS)

PTFE | PFA | FEP  
 ETFE | PVDF | ECTFE  
 PP | HDPE | PEEK | PA11/12

**TEFLON** Licensing Partner in India

**HITECH APPLICATOR**  
 1102B, Phase 3, GIDC Vatva, Ahmedabad - 382 445, Gujarat, India.  
 P: +91-79 2583 3040 / 2589 1740  
 F: +91-79 2583 3461  
 E: hitech@ptfeindia.com

**PTFE LINED PIPES & FITTINGS**

**EXCELLENCE THROUGH INNOVATION**  
 SINCE 1994  
 IN MANAGING CORROSION

**HITECH APPLICATOR**  
 a Global Trusted Brand

**PTFE LINED SYSTEMS**  
 (WATER / PAPER / PETROCHEM / FOODS)

PTFE | PFA | FEP  
 ETFE | PVDF | ECTFE  
 PP | HDPE | PEEK | PA11/12

**HITECH APPLICATOR**  
 a Global Trusted Brand  
 www.ptfeindia.com

Moulding, Transfer Moulding, Rotational Moulding, Paste Extrusion, Compression Moulding, Liquid Spray Coatings, Powder Spray Coatings, Fluidised Bed Coatings & Flame Spray Coatings etc.

All the productions are performed in-house and qualified by Chemours Engineering Team - USA. All products are CE Certified, ATEX and TA-Luft Certified.

HITECH is also a TEFLON LICENSEE PROCESSOR (TLP) by Chemours and officially use TEFLON Brand Name and Diamond Logo on all products.

No. of Employees: 300+

Manufacturing Plants: 05

Manufacturing Area: 1,00,000 SQFT +

Production Capacity: 20,000 Pcs per Month

Production Size Capacity: DN15 - DN1250,

Equipment - Any Size.

**PTFE LINED VALVES**

**EXCELLENCE THROUGH INNOVATION**  
 SINCE 1994  
 IN MANAGING CORROSION

**HITECH APPLICATOR**  
 a Global Trusted Brand

**PTFE LINED SYSTEMS**  
 (WATER / PAPER / PETROCHEM / FOODS)

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**HITECH APPLICATOR**  
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**EXCELLENCE THROUGH INNOVATION**  
 SINCE 1994  
 IN MANAGING CORROSION

**PTFE LINED SYSTEMS**  
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PTFE | PFA | FEP  
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**HITECH APPLICATOR**  
 a Global Trusted Brand

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 382445 Ahmedabad  
 India  
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# ID Insert Deal Srl

## OUR HISTORY

Established in 2000 following the merger of two companies, ID Insert Deal is an Italian company, which inherited almost fifty years of experience in making equipment for regulation, filtration and lubrication of gaseous and liquid fluids.

The company "Insert" was founded in 1960 with a specific production of compressed air equipment; then proceeded to produce also pressure regulators in stainless steel and brass for medium pressures. The company "Deal" took shape in 1976 and specialized in gas regulators, change over units, flexible connections and manifolds.

Nowadays, these two histories are merged in a modern society with a solid and recognized "know-how", which enables ID Insert Deal to offer the best solutions for any customer's request.

## OUR MISSION

ID Insert Deal has an ample range of products meeting all the most demanding and challenging needs of the market. A dynamic company, ID Insert Deal brings continuous updates, innovations and new technologic solutions. The company has a well-skilled technical department that designs products in fully compliance with the Pressure Equipment Directive 2014/68 directive, by using the most modern 3D modeling software, computing the resistance of the bodies exposed to internal pressures and running trials in dedicated test rooms to measure the flow rates of every single device.



The use of various materials, such as aluminum alloys, brass and stainless steel AISI 316, enables us to cover a broad area of users. Furthermore, we are also able to provide devices having internal components made of unconventional materials such as Stellite (Cr-Co alloy), Inconel and Nymonic (Ni-Cr alloys): these materials present outstanding proprieties, among others, against wear, high temperature corrosion and sea water corrosion. Our company is intended to provide the most suitable solutions in an extended number of sectors: chemical, petrochemical, electronic, pharmaceutical, food, fire-fighting system, laboratories, research and analysis centers, plant engineering, wine cellars and medical facilities.

We develop our production in accordance with the UNI EN ISO 9001:2015 quality management system. ATEX certified products are also available for 1, 2, 21 and 22 areas. We are also in the position to provide devices in accordance with the EN 1935/2004

certification (materials and items in contact with food).

Before delivery, every item is individually tested to guarantee the highest level of reliability.

All the products made by ID Insert Deal are designed and manufactured in Italy and sold all over the world. We aim to enhance our presence in all the fast-growing markets as well as to consolidate it in domestic ones. Therefore, we will be taking part in the most well-known world fairs in order to develop our business and commercial relationships.



### Company

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**Website:** www.idininsertdeal.com



# IMI STI

IMI STI designs and manufactures complete actuation systems since 1960, which can be fully customised to meet customers' needs, in order to operate industrial valves for the most demanding applications and processes. Our fast-stroking, highly-reliable actuators have been recognised for providing superior performance in severe service applications for over 50 years. This is supported by qualifications obtained from some of the most important players around the world (i.e. ADNOC, ENI, KNPC, KOC, PETROBRAS, PETRONAS, SHELL ...).

We provide a wide range of valve actuation products including linear and quarter turn actuators (both pneumatic and hydraulic, for on-off and modulating applications), positioners and a full choice of accessories.

All of these products are designed and made at our headquarters in ITALY, which, thanks to its 15.000m<sup>2</sup> area, allows us to have several 'tools' helping to control and improve the quality of our products such as a testing area with testing benches (covering up to 250.000 Nm), a climatic test room (from -70°C to +150°C), R&D Laboratory and a proper mechanized painting department (with sandblasting cabinet), where procedures and specifications have been developed to meet the most stringent requirements in terms of corrosion resistance (i.e. NORSOK, SHELL DEP, ISO 12944).

## Critical applications

### Power

Key applications include turbine bypass systems, steam damper heating, boiler level control (including nuclear), pump



*Electro-hydraulic quarter turn actuator for power plant in Poland*



recirculation, emergency shut-down, line isolation and dampers for fans.

### Oil & Gas

In the oil & gas industries we provide compressor anti-surge, choke valves, gas to flare and dampers for fans.

### LNG

Most compressor anti-surge valves in LNG plants (including LNG ships) worldwide are fitted with our actuation control system, maintaining plant up-time and operational efficiency.

## Key technologies

### Linear actuator

Our pneumatic and hydraulic valve piston actuators and damper actuators are purposely designed and manufactured to operate flow control devices such as dampers, louvers, IGV and a full range of control valves like globe, choke and axial.



*Pneumatic linear actuator ND 1500 mm completely in stainless steel for Statoil*

### Quarter turn actuator

This series offers a complete range of pneumatic and hydraulic quarter turn actuators suitable for all onshore and offshore applications, covering the general on-off valve and modulating control valve duties.

### Positioners

A different assortment of positioners: pneumatic, electro-pneumatic and smart (very high flow rate such as FasTrak® positioner).

## Special applications

**Big size** – No problem to create any size needed without limits. Dimension isn't a limit, but a challenge.

**Actuators in fully stainless steel material** – Both linear and quarter turn.

**Electro-hydraulic** – High Torque Version up to 600.000 Nm

To learn more about us, visit our website [www.stiactuation.com](http://www.stiactuation.com).



# IMI STI

### Company

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



# Indra Srl

With more than thirty years of experience, Indra is nowadays at the forefront in the designing and manufacturing of a new concept in instrumentation Valves: Manifolds, Monoflanges, SBB & DBB both in needle and ball types, strictly produced in according to the most stringent quality standards of safety and efficiency.

Our experience in the understanding of applications requirements, combined with our high flexibility, allows Indra to develop customized solutions designed for customers' specific needs.

Indra's products are machined from the most standard materials but also from those 'exotic' materials used for critical applications (Duplex, Super Duplex, Monel...).

Moreover, the valve production can be completed with complementary accessories, something that makes Indra a favourite and reliable partner for those companies that supply 'packages' of various matching goods. Indra's products are widely used in the Chemical, Petrochemical, Oil & Gas, Off-Shore, Power Generation, Naval industries, etc., used as components of plants and machineries with a high commercial and technological value.

Indra is ISO 9001, 14001 e 18001 certified. The headquarters is in Magenta - west of Milan - in a 3.000 sqm, owned building, 1.000 sqm of which are designated as offices. Indra is currently setting up its worldwide business-network with several local distributors.



*Hips SIL 4 Interlocking Manifold*



*One Piece Twin DBB Valve*



*Split Body DBB Valve*



*Trunnion DBB Valve*

	
<b>Company</b>	
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<b>Fax:</b>	+39 02 97291855
<b>Email:</b>	indra@indra.it
<b>Website:</b>	www.indra.it

# INOXYDA SA

INOXYDA is a sand casting foundry specialized in copper alloys since 1924, and more specifically in Nickel Aluminium Bronze for valve and pump applications. We can manufacture castings from the smallest to the biggest, including castings up to 30 Tons. Parts are delivered as cast and in some cases forged, rough or fully machined with or 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 engineering requirements:

- Inoxyda 53 H / 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 makes INOXYDA alloys ideal for a wide variety of industrial applications (including naval and military applications):

- Valves for petroleum, 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 casting process simulation using MAGMA SOFT enables us to work on the most complex projects to provide world class quality standards.



## MANUFACTURING RANGE:

SAND CASTING:	from few grams up to 30 T
CONTINUOUS:	Ø 100 to Ø 415 mm
TUBULAR PLATES:	Up to 30 T

Other requirements such as drawn bars, sheetmetal and welding wire 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, Rpo.2, A%, resilience)
- spectrometric alloy 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:

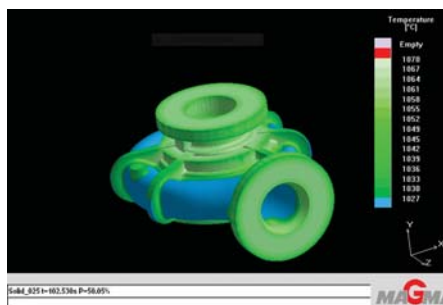
We handle international projects on a regular basis and hold references worldwide. Joining the LBI group of foundries (50 M€ / 350 employees / [www.lbi-foundries.com](http://www.lbi-foundries.com)) we can now also support your projects with centrifugal casting capabilities.



**FONDERIE  
d'ALLIAGES CUIVREUX**

## Company

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<b>Fax:</b>	+33 2 35 72 99 99
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<b>Website:</b>	<a href="http://www.inoxyda.fr">www.inoxyda.fr</a>





# IVS Industrial Valve Supply

IVS INDUSTRIAL VALVE SUPPLY, located in The Netherlands, is an 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,...

IVS Industrial Valve Supply has been appointed as a DISTRIBUTOR for "MAKEEN POWER", selling NEEDLE VALVES (from stock).



**INDUSTRIAL**  
VALVE SUPPLY

## Company

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The Netherlands  
**Phone:** +31 850439688  
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**Website:** www.industrialvalvesupply.com



# JLX VALVE

JLX VALVE is a qualified Spanish manufacturer of industrial valves and fittings with more than fifteen years of experience worldwide. The company is specialized in ball valves, globe valves, gate valves, check valves, butterfly valves, knife gate valves, plug valves, instrumentation valves and strainers.



The enterprise is orientated towards clients' satisfaction; in this way, it adapts its valves to your requirements and delivers them in deadlines rigorously established. The technical and human staff, highly qualified, works every day in order to offer you the most innovative solutions and to strengthen the commitment with the customers. We have obtained CE, ISO and other certifications to ensure the quality procedure.

JLX VALVE has a wide sales network in different parts of the world in order to speed up the procedures, to personalize the demand and to maintain a close relationship with their clients. Our missions are:

- To subject our products to quality assurance controls

- To comply with the established delivery dates and the expected quality in each supply
- To offer a customized and value added service to our customers
- To make further progress in the design and manufacture of our products

Also, JLX VALVE pursues a socially responsible behaviour. The essence of our philosophy as an organisation is to strive for a pleasant working environment, to strengthen human relationships and to minimise impacts on the environment.

For all these reasons, having JLX VALVE as a specific partner in valves is a wise choice.

## JLX VALVE FACTORY

### Company

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**Fax:** +34 93 586 3604  
**Email:** info@jlx-valve.com  
**Website:** <http://www.jlx-valve.com>

### SALES NETWORK

- MADRID -	Spain
- BOGOTA D.C. -	Colombia
- TUMBACO -	Ecuador
- CARACAS -	Venezuela
- MIAMI -	USA





# KACE Ball Valves

**KACE Ball Valves** was established in 1995 with the focus to become one of the most reliable, flexible and quality-minded ball valve manufacturers in the world. With years of ball valve experience on which to build, we eagerly moved forward to realize our dream.

Our first introduction into the market was our flanged floating ball valve line, sizes ½" thru 8", ANSI classes 150-1500. After a successful launch of this program, we moved forward in 1997 with our NPT/SW line of ball valves in sizes up to 3" and pressures to 6000 psi. Next, in 1999, came our three-way ball valves in sizes thru 8" and ANSI classes thru 600lb. This was immediately followed by our full line of trunnion valves thru 48" and ANSI classes thru 2500lb.

By 2000, we had a complete line of soft seated floating and trunnion ball valves to offer our customers. Not yet satisfied with what we had accomplished, we pushed to offer our customers even more. We developed and launched our severe service metal seated and cryogenic valves. The advantages of being an entrepreneurial-based manufacturer are that we can move swiftly to give our customers what they require. This can be seen by the fact that time after time we have met the need for special metallurgies, quick deliveries and special designs.

## Examples:

- Project for metal seated trunnion valves, sizes 30" & 36", ANSI class 300, completely Tungsten Carbide lined



internally, bubble tight shutoff – all delivered in 16 weeks.

- Metal Seated trunnion valves, size 24", ANSI class 600 with Inconel cladding, bubble tight shutoff, delivered in 10 weeks.
- Willingness to design and construct one of the finest computer controlled cryogenic test facilities in the world.
- Project for cryogenic valves in sizes ½" thru 24", ANSI classes 150-1500 totaling more than \$2M. All delivered in less than 20 weeks.
- 3-way Metal Seated, Y pattern, metal seated valves, size 10", ANSI class 300 – bubble tight shutoff, delivered in 10 weeks.

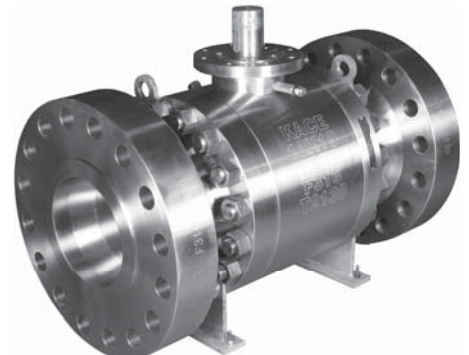
From the very beginning, it has been our desire to provide our customers with the Highest Quality. Our factory is ISO 9001 certified and our valves are all designed &

certified to the latest API and ANSI Standards. Whether you have a need for standard or specialty ball valves, **KACE** is here ready to assist.





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# Kaisitong Valve Co., Ltd

Kaisitong Valve Co., Ltd was established in 1988 and is a joint-stock enterprise, which integrates research, development, production and sales, with total investments of over 50 million RMB.

It is located in Longyou Industrial Zone in Quzhou City, about 40km from Yiwu, 160km from Hangzhou, and about 380km from Shanghai. There are over 160 employees available, of which 25 are technicians and 2 are senior engineers.

In order to ensure product and service quality, our company has established a perfect quality control and guarantee system, and is passed through ISO9001:2000 Quality System Attestation, American Petroleum Institute API6 D&API 600 Attestation, European Union CE Attestation and pressure pipeline special equipment production permit successfully. Through attestation, we can ensure all the processes from the design to delivery, customer service of the products and quality controlling points are strictly controlled.

The Company mainly produces gate valves, ball valves, globe valves, check valves and plug valves in accordance with American ANSI/API, Japanese JIS, German DIN, British BS, French NF and Chinese GB standard, as well as our own patent products of oxygen special valves, extraction check valves, high temperature valves, high temperature wear-resisting lining gate valves and valves with blow sweep hole etc. Our products are widely applied in many fields ranging from



petroleum, oil-refining, chemical industry, chemical fertilizer, natural gas, power, metallurgy and mining etc, and sold far and wide to America, Germany, Middle East and Southeast Asia, enjoying a good reputation both in domestic and overseas markets.

The Company designs and manufactures the high temperature valves P I  $\leq 550^{\circ}\text{C}$ , P II  $\leq 650^{\circ}\text{C}$ , P III  $\leq 730^{\circ}\text{C}$  and low temperature valves  $-46^{\circ}\text{C}$  to  $-196^{\circ}\text{C}$ , valves with blow sweep hole, oxygen valves, various special alloy valves, high temperature wear-resisting lining valves and non-standard valves. Product pressure scope: 150 lb 2500 lb and 1.6- 42.0 MPa. Nominal diameter scope: NPS 1/2 -48 and DN 15-1200. Valve driving means: Hand, electric, gear driving, pneumatic and hydraulic; Valve body main material: WCB, LCB, LCC, WC6, WC9, C5, C12, CF 8, CF3, CF8M, CF3M, ZG1Cr18Ni9Ti, ZG1Cr18Ni12Mo2Ti, ZG1Cr5Mo, titanium alloy, Monel alloy and No. 20 alloy etc.



Since its establishment over 20 years ago, the Company has met unprecedented developing opportunities and historical challenges. We are continuously improving product quality and raising management level, so as to offer high quality, low prices and satisfactory service for customers.

We warmly welcome all new and old friends and business partners to visit our factories and sincerely hope to establish and further tighten our long term, friendly and steady cooperation.



#### Company

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**Email:** sales@kstvalve.com  
**Website:** www.kstvalve.com



# KCON VALVE MFG. CO., LTD.

KCON Valve focuses on pipeline and process valve design and manufacturing. Based on its well-educated and experienced team and green workshop facilities, KCON offers high performance valves and professional engineering solutions to its clients in the Oil & Gas, Petrochemical & Chemical industries, etc..

KCON is committed to continuous R&D investment. Newly designed Pressure Balance, Lubricated Plug Valves, leads KCON to be the FIRST manufacturer with PetroChina and National Energy Administration Approval.

## 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.





**Company**  
**Name:** KCON VALVE MFG. CO., LTD.  
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 Guanghan  
 Sichuan 618300  
 China  
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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.



## Size Range:

▪ 1/4"~24"

## 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

## Pressure Range:

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

## Product Certifications:

- SIL 3
- ISO 15848-1
- TA-Luft
- API 607
- ATEX
- CRN
- EAC

## Available Material:

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



**Kingdom**

FLOW CONTROL CO., LTD.

## Company

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Taiwan

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**Website:** www.kifc.com



# KITZ Group

## KITZ – A Reliable Brand

The KITZ Group offers a lineup 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. It includes the KITZ brand offered by KITZ Corp., an all-round valve player; the TOYO brand known for their outstanding presence in the building construction business; the SGS brand recognized in the water supply and sewage system fields; and the KITZ SCT brand, well known among semiconductor manufacturers; the Perrin brand (Perrin GmbH) in Germany. KITZ has newly added two companies in its portfolio, namely Micro Pneumatics Private Limited in India and Metalúrgica Golden Art's Ltda. in Brazil in 2013 and 2015 respectively.

## 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 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 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., an instrumentation device manufacturer; and U.S.-based Valtek Inc. (currently Flowserve Corp.), famous for control valve technologies. 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 valve in India and has strength in engineering to produce high quality products and sales to main markets in India.

## Metalúrgica Golden Art's Ltda.

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.

# KITZ

### Company

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[www.kitz.co.jp/english/](http://www.kitz.co.jp/english/)



# Kong Jih Valve Ind. Co., Ltd

"Kong Jih Valve Ind. Co., Ltd. (kjh), since 1974, has always been operating in accordance with its core values – integrity and innovation," says a company spokesman. "The brand kjh, 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, kjh 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:

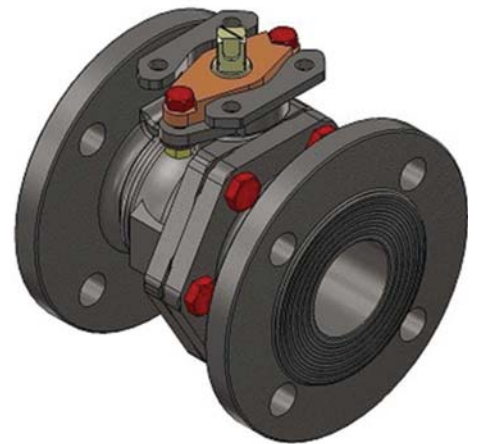
- Various types of ball valves with end connections: flanged, threaded, socket welded and butt welded.
- Needle valves at 6000 and 10000 psi.
- Double Eccentric Butterfly Valves



- 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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# KOSO Kent Introl Ltd.

We design and manufacture high-quality valves to perform in some of the most severe service conditions throughout the world. Over the last 50 years, we've built a reputation on providing high-performance products that can be found right across the globe and are backed by first-class technical expertise.



## Our products:

### *Severe Service Valves:*

High-performance valves for the most arduous conditions.

### *Control Valves:*

Bespoke solutions to cope with any application's unique service conditions.

### *Surface Choke Valves:*

Flexible valve designs with a range of body and trim material options.

### *Subsea Valves:*

Choke, process control and intervention equipment for seafloor applications.

### *Butterfly Valves:*

Ideal for use on specialist applications such as overboard dump or firewater deluge systems due to their high performance design.

Our products can be found in almost every major oil and gas producing region and are

used across a wide range of applications, including the petrochemical, power and utilities industries globally.

Our highly skilled aftermarket engineers can create technical engineered solutions that benefit not only the valve, but the efficiency of the whole application. Our team have the knowledge and experience to engineer solutions for our own product as well as for other manufacturer's valves.

## Our services:

### *Servicing & Maintenance:*

We have the facilities, expertise and flexibility to ensure that your valves are maintained safely, effectively and promptly.

### *Overhaul & Repairs:*

Our dedicated testing and aftermarket facilities enable us to manage entire overhaul and repair projects in-house.

### *Upgrades & Spares:*

Helping you specify and meet the changing needs of your valves and equipment to remain effective and fit-for-purpose.

### *Diagnostics:*

Our team can diagnose the problem on-site or in the workshop and provide a cost effective solution.

### *Asset Life Extension:*

We can help you devise and implement a suitable strategy for asset life extension in your installations.

Kent Introl is part of the KOSO Group of companies, operating from nine locations worldwide gives us a truly global presence as a group.

Speak with the experts today.  
[www.kentintrol.com](http://www.kentintrol.com)

# kentintrol

#### Company

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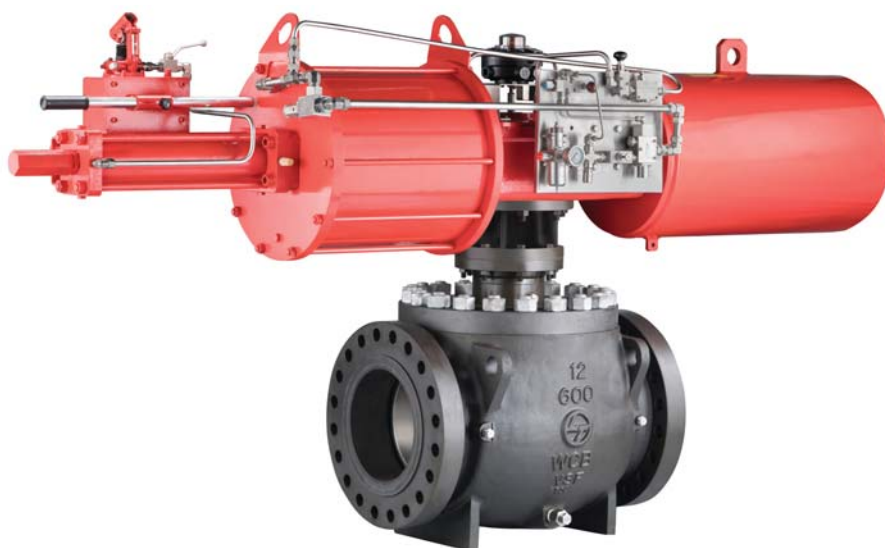


# L&T Valves

L&T Valves, a wholly owned subsidiary of Larsen & Toubro, is a leader in engineered flow-control solutions for oil & gas, power and process industries. The company goes beyond product standards and industry practices to maximise customer satisfaction.

## Product Range:

- Gate, Globe & Check Valves
- Valves for Power
- Trunnion-mounted Ball Valves
- Process Ball Valves
- Triple-offset Butterfly Valves
- Flanged & Wafer-type Butterfly Valves
- Customised Solutions
- SIL-capable Automation Solutions including HIPPS



The products are approved by the majors in the energy sector. The products address critical applications in offshore projects and refineries, LNG and GTL plants, cross-country pipelines and tankages, as well as super-critical power plants.

The valves are designed on a 3D platform using modern design and simulation software. Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD) are also used to fine-tune designs. Rigorous prototype testing - both in-house and at advanced flow control research establishments - ensure that the customized

solutions meet the most exacting performance standards.

L&T Valves' manufacturing facilities are synonymous with state-of-the-art manufacturing and quality assurance. The quality management system is certified to comply with ISO 9001 and API Spec Q1. The company is licensed to offer products monogrammed API 600, API 6D, API 609 as well as valves with CE Marking and ATEX certification. Ball, Butterfly and Gate Valves with SIL-3 certification also are offered.

L&T Valves meets the requirements of ISO 14001 and OHSAS 18001, and every phase of manufacturing is governed by an institutionalized environment, health and safety policy.

The company has a marketing network that spans the globe, reinforced by strategic alliances with key international

representatives. Advanced project management capabilities ensure that deliveries match the customer's project schedules.

Turn to L&T Valves.  
Let L&T Valves put you in control.



**L&T Valves**

### Company

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# Langley Alloys Limited

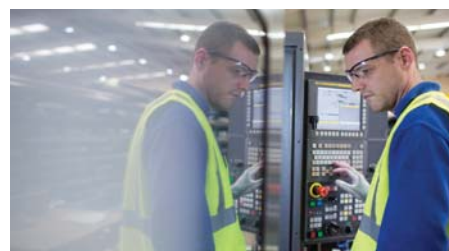
Langley Alloys Limited is a British company with a worldwide reputation - supplying unique metals for your demanding applications.

Operating from locations in the United Kingdom, United States and Singapore, we carry extensive stocks of advanced

stainless steels, nickel and copper alloys in bar, plate and tube form. Typically bar is available in a range of sizes from ½" up to 14" diameter and plate from 1/16" to 3" thick. We also supply sheet, pipe, fittings, flanges, forgings and machined parts as required.

With 80 years of experience, we provide products that deliver functional performance in the harshest of conditions, whether it's for subsea systems at great depths or the aggressive environments found within oil and gas, power generation, pulp/paper, chemical process industry or general engineering applications.

Our customers benefit from the technical support of a team of experienced metallurgists, and a business that is well-versed in finding solutions to supply challenges. All alloys are of European origin and comply with the highest international standards e.g. ASTM, NACE and NORSOK, ensuring the quality and repeatability required for your application. Langley Alloys operates a quality management system based on ISO 9001 throughout our business units worldwide.



Langley Alloys was arguably the first company to develop a super duplex stainless steel. The latest variant, marketed as Ferralium® 255-SD50, is manufactured to exacting standards and is well-known for its enhanced strength and corrosion resistance when compared with other super duplex grades. Its chemical composition also renders it less susceptible to the formation of deleterious phases which helps maintain impact properties at sub-zero temperatures. Our portfolio also includes several other trademarked alloys – the Hiduron® range of high-strength cupronickels, and Hidurel® which is a high-conductivity cupronickel.

Our network of sites all hold stock and have on-site cutting facilities, geared to respond quickly, so that Langley Alloys can meet your requirements wherever you're located.



**Langley Alloys**

80 YEARS OF UNIQUE METALS

1 9 3 8 - 2 0 1 8

## Company details:

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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 UK, 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



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





# Lishui Ouyi Valve Co., Ltd

OUYI VALVE is a professional manufacturer for designing & producing ball valves and its components. The company was established in 1998 with capital RMB 32,660,000. Company building covered more than 26000m<sup>2</sup> with professional team member over 160 persons. In 2014, OUYI be awarded "Meritorious Enterprise"; "Top 10 Industrial Enterprises"; "National H-TECH Enterprise" by local government.

First grade equipment means the First Level products! Nowadays we owned machining equipment over 100 units, including CNC machining center over 10 units, common CNC over 30 units. To meet customer request to super size balls, OUYI customized & imported **64" ball machining & grinding integrative CNC** to cover the vacancy of domestic large equipment capacity. By this CNC center, instead of the Multi-operator/machines producing mode, we can complete the big size ball by one operator + one center. **Moreover, this mode means the geometric tolerance be reduced significantly which were caused by parts turned in operators, machines and time difference.**

Quality equipments: Our professional lab has full set professional, advanced **moving and bench-top CMM(Three-coordinate measuring machine)**. Based on strict quality control team and advanced equipment, Ouyi can sure all products with high precision and quality.



Excellent quality root in professional operation. **Ouyi management team strictly control itself under ISO9001**, executed the whole process quality control which covered order formation; raw material purchasing; producing process till packing and shipment. Our target is to make sure that the quality of all OUYI product is always higher than customer's request. This quality culture have been widely accepted

and supported by customers in all world wide.

OUYI VALVE aims at mutual benefit, win-win cooperation. Our operation philosophy is standardized management, integrity, excellence, pioneering and innovation, objective to improve services. Here we sincerely invite you to visit our factory investigating and leaving us your suggestion.



## Company

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**Website:** www.ouyivalve.com



# Lixin Valve Group Co., Ltd.

## Company Brief Introduction:

Lixin Valve Group Co., Ltd. is a modern enterprise specialized in research and development, production, distribution and service of valves since 2000, with 128 million CNY registered capital and 9 branch companies (include manufacturing base Yunhe foundry). We own up to 50000 m<sup>2</sup> total building area and have 450 employees, including 50 senior and intermediate engineers. We have high precise numerical control processing center, with more than 360 sets of all kinds of large & medium equipment and over 12000 tons annual output.



## Products Certificate:

ISO 9001, ISO14001, API 6D, European Union CE certificate, TS certificate, API 607 fire safe certificate and so on.

## Valve scope:

Knife Gate valves, Plug valves, Gate valves, globe valves, check valves, ball valves, butterfly valves, strainers, slurry valves, discharge valves, control valves and so on.

Products are widely used in such industries as petroleum, petrochemical industry, electric power, mining, metallurgy, papermaking, pharmacy, aluminum oxide and sewage treatment etc. Furthermore, our products are sold far afield, to Southeast Asia, Oceania, Middle East, Europe, North/South America and Africa with client's praise, and we have long term stable cooperators and agents all over the world.

We have always adhered to the business philosophy 'People-oriented, Sincere Service, High Quality Enterprises, Scientific and Technological Innovation'. We regard market demands as guidance, to expand the global valve market, to create the Lixin Valve brand and promote national industry development.

We warmly welcome friends from all over the world to work together to create brilliance!



### Company

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**Email:** sale@cnlxv.com

**Website:** www.cnlxv.valvetrade.com



# Messe Düsseldorf GmbH

## Düsseldorf 2018 will again be the highlight and meeting place for the international valve world industry

Already for the 5<sup>th</sup> time in Düsseldorf, from 27<sup>th</sup> to 29<sup>th</sup> November 2018 Valve World Expo will take place at the fairground Messe Düsseldorf. More than 700 exhibitors from more than 40 countries will fill halls 3, 4 and 5 completely. Technical highlights from all categories including valves, valve components and parts, actuators and positioners, compressors, technical regulations, component suppliers, engineering and software, associations and publishing houses will be shown there.



At the same time the Valve World Conference will take place in hall 4 and the Pump Summit as an international

high level meeting is in hall 5. More than 12.000 trade visitors will be expected during these 3 exhibition days.



### Company

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**Website:** [www.valveworldexpo.com](http://www.valveworldexpo.com)  
[www.valve-world.net](http://www.valve-world.net)



# Metallum Valves

Metallum Valves is a Belgian-Chinese valve manufacturer based in Antwerpen with sales offices and an assembly-mounting shop based close to the port of Antwerp. The main production is based in Lishui City, China.

With this configuration Metallum is able to manufacture practically any type of valve, going from ball, gate, globe and check but also butterfly, plug valves or any other variety of previously mentioned valves. We manufacture any type of material, any size in whatever quantity. Metallum works with a select number of forge masters and foundries, all approved by major oil companies, which can produce small batches up to 500 kg, that enables us to produce small quantities in exotic material grades.

Metallum does not manufacture out of forged bar.

Metallum can also offer large bulk packages in more common grades.

Metallum has a fully equipped laboratory where non-destructive testing is executed under surveillance, if wanted, from any notified body. Metallum also supplies the actuation if required. Our markets can be found in the oil & gas, chemical & petrochemical industry but also in the solar & power generation and offshore & FPSO's.

Our strength is that we can produce very fast, 50-70 working days is our average



manufacturing period. We keep our quality standards always extremely high and Metallum is worthwhile to be tried out because of competitiveness.

In our manufacturing plant we have about 200 workers employed and 15 employees for the administrative and engineering services. Our reactivity to send our clients an offer is between 24-48 hours, maximum.

Metallum also keeps a strategic stock of valves in the Dubai warehouse, and we have castings and forgings in our Chinese Mill ready to be machined at clients' wishes.

Metallum possesses all necessary certifications to be a supplier to the most strict, severe industrial standards.

May we also invite you to have a look at our website [www.metallum.be](http://www.metallum.be), you will

see that our capacities and capabilities are tremendous.

If you have enquiries or any other questions please do not hesitate to contact us and we will write you an appropriate offer.



## Company

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**Website:** [www.metallum.be](http://www.metallum.be)



# MICROFINISH VALVES, INC.

## Design and Manufacturing Control

A family owned business, Microfinish has been manufacturing industrial ball valves for over 47 years in Hubli, India. Microfinish still remains a traditional manufacturer who controls the design, manufacturing and quality of their products. In our state of the art, 150,000 square foot facility, we have 34+ engineers who control our designs, and provide manufacturing support to insure we provide the highest quality product possible. With standard 3 Year Warranty our quality steps include:

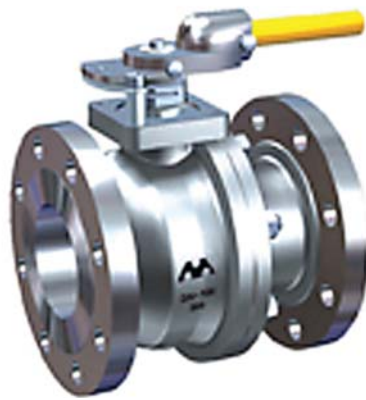
- X-Ray critical areas of 100% of 600# and higher class valves
- Manufacturing tolerances which produce a SIL-3 rated valve
- Standard live loaded stem seal which passes ISO 15848
- SS overlay in seat pocket of all Carbon steel TMBV

## Product Portfolio

Our Houston 27,500 square foot warehouse stocks \$15+ million in inventory. We offer a full range of ASME B16.34 Floating and API 6D Trunnion Mounted Ball Valves in sizes 1/2" thru 48"; pressure classes from 150# to 2500#; available in International or Domestic valve configuration. In the Americas, we are focusing on harder to find valves which include API 6D TMBV's in Stainless, Super Duplex, Metal Seated, Low-Temperature and Higher Alloy Valves.

## Low Emission Stem Seal Design

With the increased emphasis on reducing fugitive emissions, it is not uncommon to see a requirement for a "low emission design" in valve specifications. As a standard, our stem seal design is a fully packed stuffing box with



live loaded cup and cone stem packing. Without modification, these valves pass the stringent requirements of the ISO 15848 emission testing standards. And, as an added feature, this stem seal design is externally adjustable while the valves are in service! In the event of stem leakage after being in service for an extended amount of time, the stem seal can be adjusted to eliminate the leakage by simply rotating the adjustment gland on the top of the valve.



## Cryogenic Valves

Microfinish has a long history of supplying valves for cryogenic service. With in-house testing capability to -321°F per BS6364. These tests have been witnessed and approved by Lloyds, Moodi International, TÜV, Engineers India Ltd (EIL). Microfinish cryogenic ball valves perform consistently, providing reliability under harshest environments of temperatures ranging from -58°F to -321°F. A specially designed bonnet extension results in optimum heat transfer and minimum energy loss.

## Metal Seated Valves

We offer a full line of metal seated ball valves for a wide range of industry applications. While our standard design is suited for high temperature applications in non-abrasive services, we do offer other ball, seat materials and coatings that are able to handle abrasive services and slurries. The standard shut-off classification is ASME class V however ASME class VI is available as well.



**MICROFINISH VALVES** 

### Company

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**Website:** www.microfinishvalvesinc.com

# MRC Global Inc.

## *MRC Global*

### *Trusted Engineered Solutions Experts*

"We are a great valve company," John Bowhay, MRC Global Senior VP – Supply Chain Management, Valve & Technical Product Sales, said. "We offer total valve management to our customers. We can supply manual and actuated valves and control systems. We can do the design, manage projects, turnarounds and store stocking – from start to finish. Valves and valve actuation are engineered products and we specialize in engineering the right solutions for our customers."

MRC Global has become the largest valve supplier in the world. The well-respected industry leader has a global network of valve and engineering centers manned by trained and experienced professionals. "We offer solutions that help our customers run their plants safely and efficiently," Mr. Bowhay said. "Our brand offering is multi-layered and not restricted to one type of valve, valve manufacturer or control solution; so, therefore, we can mix and match from a wide range of product options to create the best package for the application."

This technical expertise combined with their depth and breadth of valve and valve automation products are the keys to MRC Global's ability to create total valve solutions for its customers.



The company's inventory of valve and valve automation products, includes sizes from 1/4" to 42" and pressure classes from 150# to 3,000-6,000# in carbon steel, stainless steel, chrome, bronze, ductile iron, cast iron and exotic materials like duplex, monel, hastalloy, etc. When you add a practically limitless offering through their world-class suppliers, the company's strength in valves and valve automation becomes evident. MRC Global's commitment to a wide range of quality products is no surprise. Their supplier registration process is well respected throughout the industry. Many of their customers adopt MRC Global's Approved Manufacturer List as their own. Product testing, supplier registration and



multiple on-site manufacturer inspections are some requirements a supplier must meet in order to be included on MRC Global's Approved Manufacturers List. By taking the time to fully understand their production process from beginning to end, MRC Global is able to supply valve solutions that are both the "best value" and consistently meet their customers' specifications and delivery deadlines. To learn more about MRC Global, visit [www.mrcglobal.com](http://www.mrcglobal.com).



## **MRC Global**

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# Mueller Manufacturing, Inc.

MMI is an industry leader in valve automation hardware and instrumentation fabrication. We specialize in valve mounting hardware, manual and gate valve limit switches, flush rings, level chambers and orifice plates. MMI has provided mounting hardware for valves as small as a 1/4" and up to a 48" valve. With our highly-experienced personnel, we have never turned down a job based on size or difficulty.

Our mounting hardware is primarily manufactured from stainless steel plate and round rod. We are very qualified in fabricating, welding and machining of highly exotic materials. MMI uses state of the art design software, Auto Cad, to design all of our products. We have also implemented custom production software giving our staff and customers real-time data to ensure on-time deliveries.

Established in 2000, our staff is very knowledgeable in machining, fabrication and welding and is committed to excellence, quality and on-time deliveries. Located 40 miles south of Houston in Richwood, Texas, we are conveniently located to service the Gulf Coast area.



In September 2017 MMI was proudly recertified to ISO 9001: 2015, continuing our commitment to quality and excellence. MMI has had ASME code stamps "R", "S" and "U" certifications since 2008.

MMI operates out of a 22,500 square foot facility, furnished with some of the industries finest and most up-to-date equipment available. With a commitment to continually upgrade, refine and

improve our processes with the latest technology.

MMI contributes its success to keeping a safe and clean workplace environment, with minimal employee turnover and a customer oriented focus. MMI ensures that its products are manufactured to the highest quality standards and prides itself in having on-time deliveries to guarantee that customer expectations are met or exceeded.



#### Company

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# Neway Valve (Suzhou) Co., Ltd

## Complete Solutions for Industrial Valves

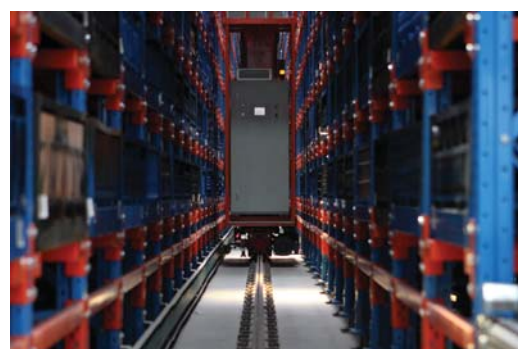
As a global leader of valve manufacturing, Neway (SSE:603699) is dedicated to the production, research, and development of industrial valves. Neway is committed to providing complete valve solutions to all industries through advanced engineering and innovation.

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.

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, Brazil, 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 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.



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# OMAL S.p.A.

## OMAL: THE SUPPLIER OF TOTAL QUALITY AUTOMATION

Why should you choose OMAL? We have many answers to this question, referring to the concept of "EMPOWERED PERFORMANCE": the base of OMAL's philosophy.

Our products are designed paying attention to each detail, which is analyzed and developed in order to lead to a precise result: together with the choice of the proper materials and most advanced manufacturing technologies, we guarantee quality, reliability, efficiency and added value. Another important advantage of OMAL is to be able to manufacture a complete package for industrial and plant automation: indeed, OMAL is a manufacturer of pneumatic and electrical actuators and a wide range of ball valves, butterfly (both till 24") angle seat, and coaxial valves. Furthermore OMAL, opposed to mainstream strategies, is internalizing the manufacturing processes: the foundry, painting-plant, CNC centers, plastic injections, assembly, testing laboratories, and quality department allow us to have the maximum control on the different production steps and immediately react to new needs in the market.



Our service is also EMPOWERED through a sales office with specialized sales engineers and sales assistants that can quickly provide you with answers and an offer in short time. The service and support are available worldwide: a wide net of partners and distributors is available in almost all countries in the world. It also means that, even if OMAL has a very short delivery time and stocks in Italy, you can count on OMAL warehouses and immediate deliveries located abroad.

recognition within Ecovadis platform, won the VALEO award 2017 for its sustainable procurement practices and got accepted by the UN Global Compact Initiative. Our Social Innovation unit is available to co-create Corporate Social Responsibility projects with our customers, everywhere. These are only some answers to the question "Why choose OMAL?" To find out the remaining hundreds, just contact us!



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OMAL catalogue offers a wide product portfolio but, if it should not be enough, OMAL R&D Department will be at your disposal offering a tailor-made solution: this is valid both for industrial needs and for OIL & GAS applications.

OMAL website is also very helpful for finding the right solution: you can see and download product data-sheets and certifications in six different languages and you can configure your product obtaining sales codes and 2D/3D drawings in real time.

Last but not least, OMAL invests in brand reputation improving the efficiency of its products so to reduce their environmental and social impacts: OMAL got a gold level

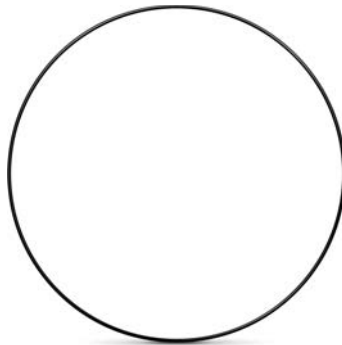


# OringOne S.r.l.

The OringOne production process is actually something very innovative. Essentially, it is a traditional compression-moulding system. But with a brand new concept of the common procedures, some great ideas and a deep knowledge of the material's natures, we have achieved something incredible.

The production system is based on a step-moulding technology that, using tools and a machine specifically designed, built, and tested for this purpose, enables the company to produce O-Rings with huge dimensions (the biggest made thus far was 8105.00 mm and the biggest available cross section is 40.00 mm) with the same mechanical characteristics as those with standard dimensions.

Everything that we're able to do today is the result of years of research, tests and, of course, failures, but at the end we found out that the compression-moulding system that we're used to is not as limited as it first seems. We developed a procedure in which rubber materials are moulded with different dimensions by the cross section and the internal diameter, with endless possibilities in combinations. And that's not all. Customers that need O-rings of particular dimensions, in small quantities or even just one piece, can take advantage of this system because with the 'unlimited tools



Think Big.

in one' approach, OringOne can make every imaginable dimension without charging for the mould building. Benefits are also seen in the finished product, where quality – which is checked throughout the process – guarantees on all products tolerances on dimensions and superficial defects in accordance with ISO 3601-1 and 3601-3.

We also studied and realised a fast production line based on this technology, with which we can ensure customers receive the ordered pieces in four, seven, 10 or even just a couple of days. Our system allows us to respond to all our customers' needs and solves any emergencies, especially because today you can also get our O-Rings anytime and anywhere with our fully renewed online portal. You just have to access [buy.oringone.com](http://buy.oringone.com) (or from the homepage at [www.oringone.com](http://www.oringone.com)) and by filling in the dimensions and material of the OR



needed the system will show you prices and delivery times, so buy whatever you need and receive it whenever it suits you. Isn't it a great tool?

To summarize the advantages of the OringOne production process, you have:

- No Internal Diameter dimensional limits
- No moulding costs
- No minimum quantity for purchase order
- Mechanical performances comparable to traditional system made O-Rings (compression and injection moulding)
- Competitive prices
- Very fast deliveries
- O-Rings customization

The process is at the forefront of sealing technology advances and will lead the way in the production of custom sized, non-standard and huge dimension O-rings.

Shop anytime, anywhere, anypiece.



[www.oringone.com](http://www.oringone.com) & [buy.oringone.com](http://buy.oringone.com)



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# Overseas Consulting & International Coordinator A.M. Sàrl (Smart Valves)

Overseas Consulting & International Coordinator A.M. Sàrl (Smart Valves) is a dynamic and well known company active in the field of advanced technology for Control Valves, under the brand of "Smart Valves", with a strong worldwide base portfolio of clients.

Smart Valves provides the best in class of Quality Control Valves available currently in the market 100% European made, building on decades of experience in the field of chemical, petrochemical, oil & gas, power and all other major industries requesting solid, strong and reliable Control Valves.

Smart Control Valves are produced in various types:

- Standard single ported globe Control Valve (S)
- Heavy duty single ported globe Control Valve with anti-cavitation and anti-flashing trim and also low noise design (S1A and S1B)
- Double ported globe Control Valve for higher capacity and minimum required actuating force (S10)
- Rotary plug Control Valve for abrasive media with high rangeability (S33)
- Three way Control Valve for mixing and diverting of process fluids (S3)



- Angle globe Control Valve for choked service condition (S1A-C1)
- Minimum flow Control Valve (S1B-M)
- Self actuating pressure reducing regulators (SNR1,3,5)
- Linear multi-spring diaphragm actuator (P/R, P1/R1, P1B/R1B) and rotary spring diaphragm actuator (P99/R99 and PN99/RN99)
- Steam desuperheater: Ring type (SP-1), Lance and Piston type (ST-1)
- And also other special valves according to client requirements
- Valves are executed with following types of connections: Flanged, Flangeless, Welding (BW, SW) and Threaded.
- The Smart Control Valves comply with the requirements of the European Pressure Equipment Directive 2014/68/EU.

Their design, manufacture, testing, and selection of materials are all carried out according to API, ANSI, ASME, ASTM, EN, FCI, IEC, ISA, NACE and other international standards.

Our clients appreciate that most of our valves are custom-made, fully designed and manufactured according to their specific needs.

In a wide range of technical specification as follows:

- Nominal sizes from 1/2 to 16 inch (DN15 to DN400)
- Pressure ratings from CL150 to CL2500 (PN10 to PN420)
- Control characteristics as linear, equal percentage, quick-opening, modified
- Body materials of cast iron, spheroidal iron, carbon steel, alloy steel, stainless steel and special alloy.
- Leakage classes II, IV, V and VI as PN-EN 60534-4 and ANSI/FCI 70-2
- Bonnet types of standard, extended and bellow seal
- Special designs for oxygen, hydrogen, gas fuels, low temperature fluids (liquid oxygen, liquid nitrogen), acid gases containing H<sub>2</sub>S (as per ANSI/NACE MR-01-75/ISO15156); with heat jacket; for potentially explosive atmospheres (as per ATEX Directive 94/9/EC).



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# Oviko Group Co., Ltd

Oviko Group Co., Ltd. is a leading manufacturer of quality ball valves with a focus towards the oil and gas pipeline industry. We are located in the Chinese hometown of Pump and Valve. We have always been involved in design, research, production and marketing in the field of ball valves. We have an excellent quality management system and after-sales service.

## Oviko highlights

Our ball valves include trunnion, top entry and metal seated for high temperature & chemical fields, fully welded ball valves for underground work environments, and special materials with lip seal for cryogenic service are also available.

Through the introduction of overseas advanced technology, we have excellent experience in overlay F316L, Inconel, Hastelloy for all carbon steel materials which contact wet service directly. By using an alloy overlay process instead of full alloy valve, the valve cost is reduced while retaining good performance and quality.

Our CNC machining facility and testing equipment provides excellent precision in all of our ball valve components. Our trunnion ball valve seats now use DELTA Ring design, reducing torque around 25% from each normal valve, reducing the actuator cost accordingly.



We also can offer ball valve parts with high precision and reliable performance; in 2014, our manufacturing facility imported a large CNC system from Italy which can make balls in sizes up to 64". It is the largest CNC machine with the best technical performance in China. We are sincerely looking for excellent agents or distributors to promote the OVIKO brand worldwide.

## Oviko applications

Oviko is an important supplier of global fluid industry and manufacturer. Our products are widely used in various fields such as oil, chemical, nuclear power, gathering pipeline, gas, shipbuilding, metallurgy, electric power, water conservancy, building, etc. In addition, our products have been exported all over the world, including Europe, America, and the Middle-East. Our company has long held



a good reputation in the valve industry, combining high quality, timely delivery, and cost efficiency with great service.

## Oviko's culture

We have created an excellent working atmosphere and have established a comprehensive training system for our employees, stimulating them to improve themselves. We continue to improve the quality of our products and service through product and management innovation in order to fully satisfy our customers' business requests. We are strong supporters of education; we actively participated in the Hope Project and donated money to the hope primary school.

Based on quality and the best service, Oviko Group is eager to create a glorious future with everyone who shares the same ideals.



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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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# Praxair Surface Technologies

Whether you are involved in drilling, completion or production of onshore, offshore or subsea applications, we know that getting and keeping your wells producing is critical to meeting your business objectives—and Praxair's coating and finishing services help you do just that. Our decades of research and development in the areas of abrasion, corrosion, wear and extreme pressure will help you reduce costs, maintain uptime and maximize oil and gas recovery.

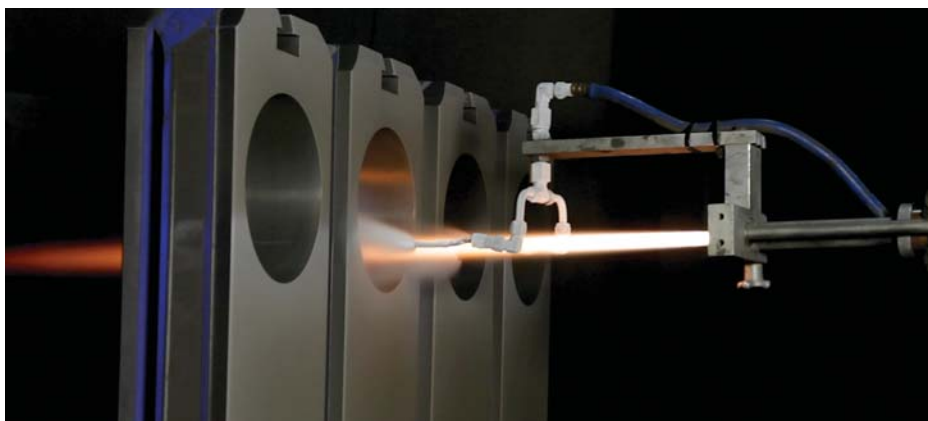
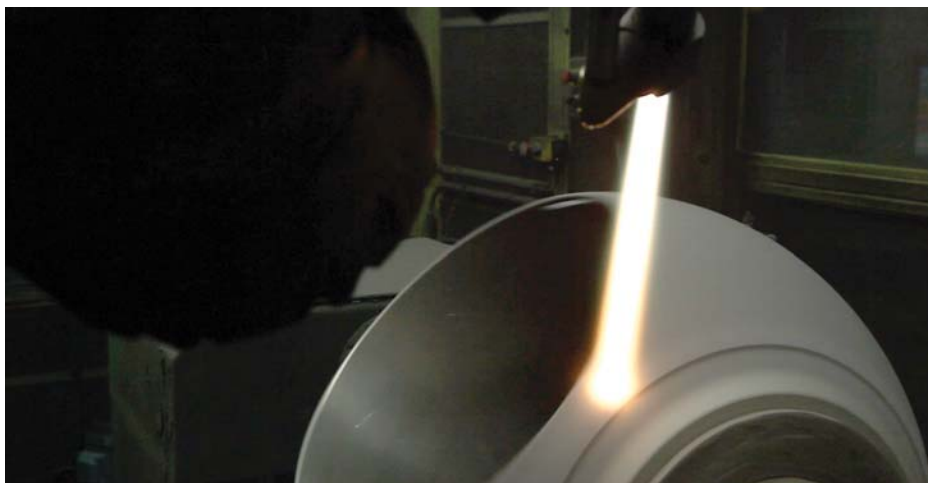
Praxair Surface Technologies' extensive portfolio of advanced coatings is designed to give you a competitive edge. From thermal spray coatings to engineered slurries to fluoropolymer coatings and laser-applied overlays, we can design a solution that will extend component life in even the most severe operating environments.

Our SermaGard®, SermaLon™ and SermeTel™ slurry coatings provide unsurpassed protection against aqueous corrosion and heat scaling, as well as erosion, abrasion and wear.

Our full line of Blue Armor® ECTFE and SermaShield™ ECTFE, ETFE, FEP, PFA and PVDF fluoropolymer coatings protect processing equipment from chemical attack while providing resistance against abrasion and thermal shock.

Our laser-clad overlays of nickel- or cobalt-based superalloy combat corrosion and abrasive wear on your most critical components.

Our LW-45 and GV-50H thermal spray coatings for gate valves are widely recognized as the industry standard. For downhole tools, our



CoreGard™ ID coatings last 6 to 10 times longer than hard chrome plating. And you can eliminate corrosion on drilling and production risers and subsea piping with our specially applied thermal sprayed aluminum (TSA) coatings.



#### Company

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# Precision Polymer Engineering

Precision Polymer Engineering (PPE) is a designer and manufacturer of high performance elastomer seals, gaskets and custom-engineered parts for critical valve applications.

We develop innovative materials which deliver significant improvements in seal performance and reliability. Through detailed consultation with our customers, our sealing specialists can select the right combination of material type and standard or custom seal profile for the demands of any individual valve application.

## Unique elastomer valve seals

We have developed a suite of elastomer sealing products which offer the ultimate in sealing performance. Across our Perlast®, Perlast ICE® and EnDura® grades, our valve seals perform to a high standard under any conditions. By using PPE for your valve sealing requirements, you can expect:

- Increased safety performance
- Reduced fugitive emissions
- Extended maintenance intervals
- Increased valve efficiency and reliability
- Lower lifetime cost of ownership

We have also worked closely with valve operators across several industries to develop Fugitive Emission Control (FEC) sealing kits – comprising custom-engineered elastomer seals together with valve stem packing solutions.



to identify the most appropriate and cost effective sealing solution for any valve application.

## Quality and traceability

With in-house materials compounding and full control over batch manufacturing, PPE offers full batch traceability and the highest levels of quality control. Certified to ISO 9001 Rev. C among a range of stringent standards, quality is at the core of everything we do.

Our industry-specific experience ensures we understand the needs of valve manufacturers, remanufacturers and end users. With an unrivalled materials range and a combination of technical expertise, advanced manufacturing capabilities and support services, Precision Polymer Engineering is your perfect partner for any valve sealing requirement.

## Technical support

Our application engineering and material science teams are on hand to provide advice on seal design optimisation, material recommendations, testing and analysis services, troubleshooting and consultancy



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# 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.

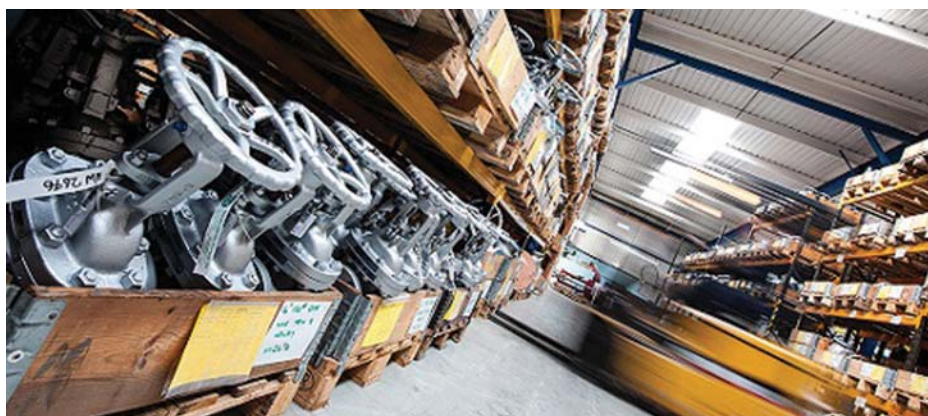
Our combined stock-holding ensures rapid response to customer needs, and our vast collective experience adds value in the procurement process. Our core product lines include gate, globe, check, ball, and triple offset butterfly valves plus many others, all held in a wide variety of materials and sizes. 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, Metso Jamesbury, Neles, Ladish, SWI, Franklin, Circor (Hoke) 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 O&G, petrochemical, power generation and nuclear, water and utilities, pharma, food, and various other process industries.



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# Prodim Industrial Valves & Automation

PRODIM Industrial Valves & Automation is, since 1981, the technical & commercial partner for industrial companies in need of advice, support and supply of industrial valves and their automation.

Since 2015, we have 2 entities, Prodim NV in Belgium and Prodim BV in The Netherlands.

PRODIM's distribution center and workshop is located in Brussels, a 5 minutes' drive from the International airport.

Our main expertise is focused on customers from the Oil & Gas industry, Chemical and Petro-Chemical industry, Tank storage, International EPC Contractors and OEM's related to these industries.

Our strong relationship with our European and American partners / factories, enables us to guarantee high quality products and support.



## We propose the following solutions:

Ball valves - Butterfly valves - Gate, globe & check valves - Quadruple and Triple offset valves - Plug valves - Diaphragm valves - Safety valves - Regulators - Control valves - Plastic valves - Line blinds - Pinch valves - Strainers - Pneumatic, hydraulic, electro-hydraulic and electric actuators for on/off, modulating and fail-safe applications -

Accessories as switchboxes, solenoid valves, filter regulators and complete control panels. - Safety devices as flange & stem protection.

PRODIM, one partner for your complete package of Industrial valves & automation.

To find out more about us, please visit our website: [www.prodim.biz](http://www.prodim.biz) and follow us on LinkedIn



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**Website:** [www.prodim.biz](http://www.prodim.biz)



# Resolute Research

Resolute Research is a leading industrial market research specialist, providing global clients with high-quality market intelligence on flow control equipment, and more specifically on valves, pumps and flowmeters. Our market intelligence includes market drivers, suppliers, distribution channels, growth opportunities, trends, threats, and other market dynamics.

Collectively, Resolute Research possesses decades of experience in providing consulting services to professionals working in the flow control business. Our expertise spans major industries including oil & gas, refinery, petrochemical, chemical, power, metals & mining, pulp & paper, food & beverage, pharmaceutical, semiconductor, water & wastewater, desalination, and marine. Other industry segmentations can be developed on request.

## Research Methodology

Critical to any market research is an accurate top-level assessment of the Total Available Market. Our research uses a sum-of-sales analysis of hundreds of individual manufacturers to determine total worldwide revenues based on actual company sales.

Our research utilizes detailed process flow diagrams to define template applications such as power plants, water treatment plants,



wastewater treatment plants, desalination plants, refineries, pulp & paper plants, and other industrial plants to accurately profile the type, number and value of equipment within each plant. This template information is then combined with information on the number of existing plants and planned new builds within each geographic area to provide a forecast for new and aftermarket equipment sales by country, industry and equipment type.

## Product Portfolio

Our **Market Reports** are meticulously researched documents providing a detailed analysis of major equipment, technologies, suppliers, and product segmentations, plus useful insights into market trends, threats, and opportunities. Each report is a condensed and affordable must-read for strategic planners and business executives charged with setting corporate strategic direction.

Our **Supplier Databases** are comprehensive listings of global equipment manufacturers. For every manufacturer the relevant database provides information on company name, type of ownership, total equipment sales, sales range, market share, major equipment types manufactured, major equipment brands, and company headquarters.

Our **Product Databases** segment the total available market into equipment types, 15 major industries, and 63 countries covering 96% of world GDP, and provide five-year forecasts. High-granularity segmentation within each product group provides the detailed breakdown desired by most clients and required for meaningful analysis and strategic planning.

## Custom Research

In addition to our standard product offerings, Resolute Research can deliver custom-made research projects. In these projects, we work closely together with the client to tailor research deliverables completely to client expectations.



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# Rotork Plc

## ABOUT ROTORK

Rotork is the market-leading solution provider for the actuation, flow control and industrial markets.

We have over 3,800 talented employees who work across a global network of local offices and established manufacturing facilities to provide a world-class service to our customers.

The group comprises four actuation and flow control divisions along with our cross-divisional Site Services team.

## ROTORK CONTROLS

Rotork Controls' products include the Group's electric valve actuator ranges and network control systems for all applications, and it is the largest independent manufacturer in its sector. It offers electric solutions for on/off and process applications where a high degree of accuracy is required.

## ROTORK FLUID SYSTEMS

Rotork Fluid Systems manufactures and supplies a comprehensive range of pneumatic, hydraulic and electro-hydraulic actuators and control systems that are used in a wide range of applications, including emergency shutdown and protective service.

## ROTORK GEARS

Rotork Gears is a specialist manufacturer and supplier of gearboxes, adaptations and accessories to the international valve and actuator industry. Its products offer solutions for light duty industrial applications through to the harshest environments, including subsea.



**rotork**<sup>®</sup>

Keeping the World Flowing

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## ROTORK INSTRUMENTS

Rotork Instruments manufactures and supplies instrumentation and control products for flow, pressure, temperature and position measurement applications. Its diverse portfolio provides many different solutions across a wide range of industries. Our products and services are used extensively in the oil and gas, power, water and industrial markets around the world to improve efficiency, assure safety and protect the environment.



## POWER

Rotork products are found in conventional power stations, emission reduction plants, such as flue gas desulphurisation, and renewable energy plants such as solar collecting power stations. Rotork products are also certified for use on nuclear power stations, both inside and outside containment.

## OIL AND GAS

Rotork products are used on applications for upstream, midstream and downstream activities including offshore and onshore production facilities, refining, processing, transportation, storage and distribution.

## WATER

Water treatment and distribution offers significant opportunities for Rotork through modern state-of-the-art processes which maximise existing resources, such as desalination plants and water re-use projects, together with conventional water and wastewater plants.



## INDUSTRIAL AND OTHER

Other industries served by Rotork include mining, HVAC and marine and any other industry where you are trying to control flow or measure flow or pressure, for example food and beverage.



# 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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# Severn Glocon Group

## Severe service problem? Solution provided.

At Severn Glocon Group, we do valves differently.

Operating for over 55 years, we employ the finest valve engineers and empower them with outstanding facilities and over 40 years' of repair intelligence data. World-class resources and expertise combined with tenacity and resilience makes for a potent mix.

### A comprehensive offering

Severn's valves and valve engineering services handle the most demanding severe service and critical applications with ease. From control valves – including linear and rotary control – to butterfly and choke valves, fully integrated High Integrity Pressure Protection Systems (HIPPS), to our specialist small bore subsea valves and actuators, our technical specialists know how to maximise reliability and integrity.

### New projects

You won't find catalogue products at Severn. We are an authority in the bespoke manufacture of valves that are tailored to precise specifications. It means they perform better and last longer. We stretch the boundaries of valve engineering to offer products that are as cost-effective as they are innovative.



Our accredited manufacturing facilities in the UK and India are complemented by a well-established global infrastructure for localised completion. So, we offer flexible capability and distribution efficiency, enabling seamless fulfilment of project demands.

### Advanced engineering services

When it comes to boosting the productivity of established plant, Severn has valves covered. Nobody knows valves better than our specialist engineers. They apply their technical knowledge to help operations run more smoothly, safely and profitably. If you have problem valves associated with poor performance and downtime, we can reengineer them during planned maintenance



windows to enhance operations. And we have the ability to predict and intercept potential 'bad actors' before they harm productivity.

### Traded products

We also supply isolation valves from stock. Our rigorous approach to supplier selection and management underpins product quality, and our engineering skills ensure the best solution is deployed for individual application needs.

### Specialist areas

- Oil & Gas
- LNG
- Power generation
- Subsea
- Offshore & FPSOs



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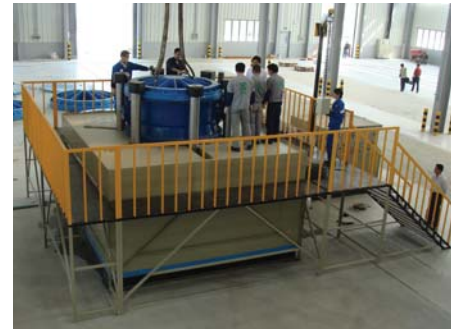
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# Shanghai Zengxin Machine Electron Technology Co., Ltd

Shanghai Zengxin Machine & Electron Co., Ltd is located in Shanghai. Invigorated and vitalized by the economic metropolis, it is the leading manufacturer of valve test benches in China. The company was established in 2001, with lands covering 15000m<sup>2</sup>. We have about 100 employees in total, 10 of which are engineers. The company is a technologically innovative enterprise of producing various kinds of valve test equipment and we insist with the mood factory of science and technology, to improve product performance and technical content. We sincerely serve valve manufacturing sectors and their end-users.

Our engineers have collectively designed and improved new generation of YFB series of hydraulic valve test benches absorbing advantages of the same products from China and foreign countries and in accordance with GB/T "13927-92 Pressure Tests" of General Valves, JB/T 9092-1999 "Test, Inspection and Measurement of Valve" and API 598 "Valve Inspection and Testing". The YFB series valve test benches are electro mechanical products incorporating hydraulic and mechanical systems, which have reasonable structure, perfect function and high automation and are suitable to shell tests and closure tests for high, medium and low pressure valves. The test benches are advanced valve measuring equipment in domestic and international countries. In 2008 we successfully manufactured the "push-to-talk" full automation valve test bench to realize automation of valve test benches. In 2009



we successfully manufactured the DN3000 butterfly valve test bench which is an ultra large type press valve test bench capable of bearing pressure up to 3200 tons. In 2013 we manufactured a 4600 ton, top screw valve test bench which tests 56" ball valves, at pressures up to 600LB. By technological content, market share, and the scale of production we are in a leading position in the valve test manufacturing industry. We have acquired 11 national utility model patents and 3 patents for invention. The company's product categories are valve performance test benches, valve assembly line test benches, valve life test benches and valve open & close torque test benches. We have 20 series, more than 100 specifications, and a microcomputer touch screen control system is used for the equipment, which makes the whole testing process straightforward, accurate and reliable. Data collection, data storage, testing data can be printed out. The company product sales cover all over China and the United States, Italy, Russia, Canada

and Israel and Iran, South Korea, Singapore, India, Japan, Saudi and over 20 countries. Shanghai Zengxin persists in the principle "full of innovation and credit fundamentality" and "quality first, user's supremacy". We hope that the selection of our products will make a better contribution to our user for your economic and working efficiency. We strive to provide users with the perfect solution and fast service for complete user satisfaction, creating a brighter tomorrow together!



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# SLIB ITALY

In the year 2011 FP F.Illi Paris srl a socio unico decided to open a new Department for the production of Sliding Bearings thanks to the collaboration with experienced partners. This investment gave birth to SLIB ITALY.

Slib Italy is specialized in manufacturing pressed Sliding Bearings and Thrust Washers for valves and other applications for the Hydraulic, Power Supply and Metal Industry. Slib Italy offers Sliding Bearings with thin wall-thickness dry self-lubricating, or with grease or oil lubrication, and produced in accordance to ISO 3547 directive. The strength of Slib Italy is the extremely fast delivery for ready-made items.

The Sliding Bearings from Slib Italy can be provided as thrust washer, in cylindrical shape, or as strips and flat rings. Other possible variables can be produced according to specific requests or to customers' drawings. Dimensions range from a min. diameter of 10 mm to a max. of 1,000 mm, both for standard and special sizes.

The Sliding Bearings from Slib Italy guarantee superior performances in terms of:

- wear resistance;
- load capacity, both static and dynamic;
- maximum flexibility of usage in the most different applications;
- less space requirement in the application;



- resistance to impacts and to vibrations;
- possibility of usage both at low and high temperatures;
- chemical resistance in contact with various substances.

Slib Italy aims to become a worldwide reference, for top quality Sliding Bearings provided with an incredible fast service straight related to direct production and ready-made items.

Slib Italy proposes many products closely described in the web page [slibitaly.com](http://slibitaly.com), but a special attention must be given to the PMT Type Family. This Family is a new generation of Sliding Bearings, dedicated to both low temperature applications (cryogenic up to -198°C), and high temperature applications (up to +430°C and +600°C). Thanks to a special treatment similar to the PVD process, these Bearings can operate at extreme temperatures,

while maintaining a good coefficient of static friction, even in heavy load working environments. The metal supports are the Aisi 316, Inconel 625, Titanium, Stellite and DUPLEX F51. Using Slib Italy's products in these extreme environment applications there is no need for heat treatments of the shaft. They can also work in dry conditions as the use of oils and greases is not recommendable.

SLIB ITALY is part of the SEALCORE Network together with other Companies active in many industrial sectors. The synergy, the sharing of the information and the know-how of the Companies in the SEALCORE Network provide the possibility to offer a wide range of technical products, the guarantee of a quality made in Europe and a complete service to meet the needs of the global market. Check out the full Network under [sealcore.net](http://sealcore.net).



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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.



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# Suzhou Antiwear Valve Co., Ltd.



Antiwear Group, is a design and manufacturing leader of high quality industrial valves. Its products, including ball valve, butterfly valve, gate valve, globe valve, check valve, plug valve, plunger valve, regulating valve, etc., are widely used under all working conditions especially for critical working conditions, e.g. high temperature, high pressure, multiphase medium, strong corrosive medium, crystallization and high frequency operating, etc.

Antiwear's products are widely used in most industries including oil refining, natural gas,

crude oil, electricity power, water treatment, chemical, construction, paper industry, pipeline transportation, etc. with stable and reliable quality and successful cases. We devote ourselves to providing the best fluid solutions to our customers globally.

In this era of Industry 4.0, Antiwear Group takes the lead to introduce advanced management concept into the company such as "Innovation promotes enterprises Great-leap-forward Development" and integrates digitalization, informatization & Intelligentization together to create "Internet +

manufacture" model. And, we build a C2M platform with high brand products and core technology to solve the problems which the whole valve industry currently faces, e.g. long lead time, unstable quality, high cost, etc. At present a lot of projects such as global quick-reaction system, digital transfer & payment platform, flexible transform line, material supply cloud platform, intelligent mall and so on, are initiated step by step. We continue trying our best to realize our mission - "Provide the best fluid solution for you and help you enjoy a good life."


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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 and development, manufacturing and marketing in the integration of high-tech enterprise. The Company in strict accordance with the ISO9001: 2008 management system and ISO5211, NAMUR, DIN 3337, and other international standards for production. It has also been awarded the CE certification and explosion-proof ATEX certification which is issued by the German TÜV Rheinland certification body, SIL 3 certification in line with IEC61508 standards, plus a number of advanced technology obtained national patents.

We are committed to building a boutique for industrial fluid pipeline valve control systems.

We offer professional cast quality and service to create value. We sincerely look forward to providing you with the best quality products and satisfactory service.



**JUHANG.CN**

Pneumatic Actuator Switch Life Is  
**1 MILLION TIMES**

SIL 3

Taizhou Juhang Automation Equipment Technology Co., Ltd is specialized in the valve pneumatic actuators, manual actuators and fluid control system research and development, manufacturing, marketing in the integration of high-tech enterprise.

Professional cast quality, service to create value. We sincerely look forward to providing you with the best quality products and satisfactory service.

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**JUHANG.CN**

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# Thermador International

## Thermador International

Thermador International is part of Thermador Groupe, a French master stockist in valves and fittings for industry, HVAC & water works. We offer a wide range of products to the European and African markets.

## Thermador Groupe

- over 50 years of experience
- 439 employees
- sales €272 million
- stock value €103 million
- strategic logistics location near Lyon, France

Since 2006, Thermador International has been successfully selling to wholesalers all around Europe from its extensive stock. This is more than 10 years relying on the expertise of Sferaco, Sectoriel and FGinox in the fields of manual valves, actuated valves and fittings.

Progress with logistics and shorter delivery time have simply pushed back our borders. We are able to deliver orders within 2 to 6 days from our stock based near Lyon, south-east France.

Thanks to our local presence and market awareness, we continually develop our range of products in order to respond to our customers' specific needs.



## Quality Products

We provide quality valves and fittings to our customers, but there is more to our products:

- a wide range of products in valves & fittings
- ISO-certified actuation center offering more than 5,000 actuated valve combinations
- a selection from leading manufacturers
- internal quality control with X-ray fluorescence spectrometer & bench tests
- major European agreements & certificates
- technical datasheets & autocad drawings
- qualified technical training center

## Dedicated Service

Our multicultural experience allows us to propose a dedicated customer service that will find a solution according to your needs:

- international team with 18 languages spoken
- strong local presence
- technical assistance from our customer service
- logistics expertise
- 87,000 product references available on stock
- low minimum order
- quick delivery all over Europe



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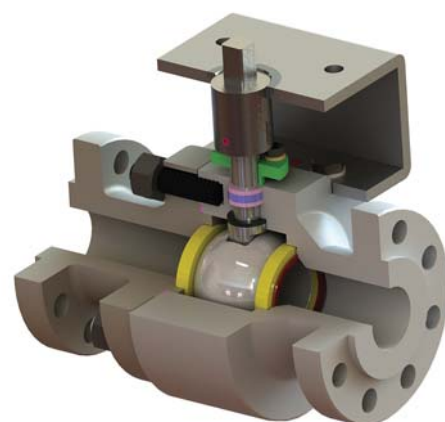
# Union Tech

Union Tech is a global, integrated manufacturer of industrial equipment, including highly engineered valves, upper and lower oilwell completion tools, and sand control equipment. Since 1982, Union Tech has engineered, manufactured, and sold over 100,000 valves worldwide as the OEM for a number of different brands for petrochemical, refining, oil and gas, power generation, mining, and other industrial applications.

The Union Tech valve portfolio consists of severe-service metal-seated ball valves (MSBV) and rising-stem ball valves (RSBV).

The MSBV products include:

- Z1 Unibody Power Valve, which is a one-piece metal-seated ball valve engineered for clean steam severe-service (high-pressure, high-temperature) environments, including power generation and critical on/off applications.
- Z2 Two-Piece Isolation Valve, which is a two-piece metal-seated ball valve engineered for severe-service environments for use in customized and critical applications, including



chemical/petro-chemical, refining, power, and mining processes.

- Z3 Power Valve System, which is an inline replaceable valve system, consisting of a modified Z1 valve and a pair of SW or BW end connections, that eliminates the need to cut-out existing and weld-in replacement valves.

enabling frequent cycling, zero leakage, and low torque operation. The valve is engineered for high performance applications requiring frequent cycling with positive shutoff, such as molecular sieve systems for switching service, and gas transmission.

The RSBV products include:

- Z4 Rising Stem Ball Valve, which employs a "tilt-and-turn" design

Union Tech is headquartered in Houston, TX with manufacturing and distribution facilities located worldwide.



## UNION TECH

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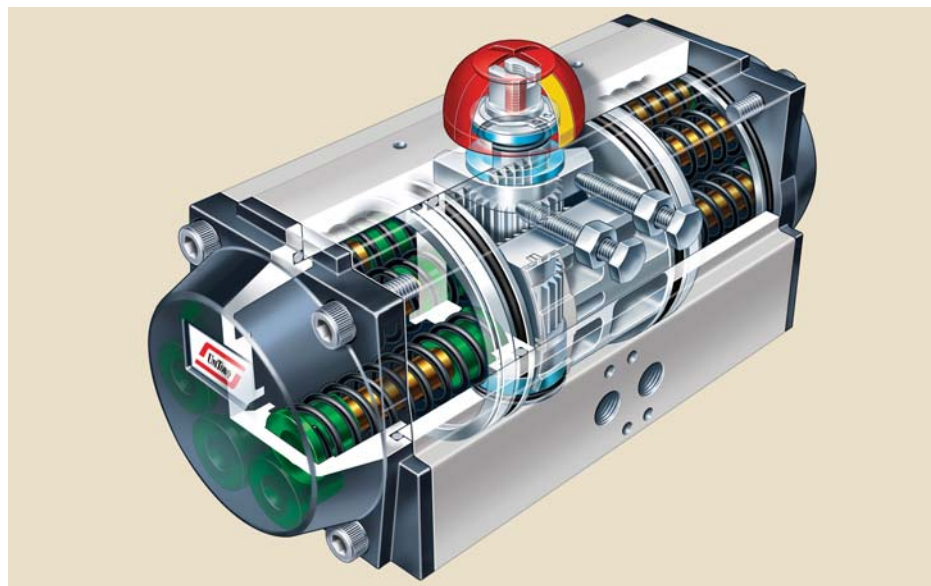
# UniTorq Actuators and Controls

Over the past 26 years, UniTorq Actuators and Controls has become one of the world's leading manufacturers of pneumatic rack and pinion actuators. Since our founding, our mission has been to provide innovative, intelligently designed products that are manufactured with state of the art processes and high quality materials. The result is a portfolio of products that perform reliably in even the most demanding industrial applications.

Our success is also attributed to our exceptional support team that includes design engineers and professionals experienced in all aspects of valve automation. These experts can work to integrate our products with your equipment, either in-house or in the field. We support our distribution channels and OEM partners with a large inventory of product at our facility in Duluth, GA. Technical support and marketing assistance also help give our partners a competitive edge.

## UniTorq Pneumatic Actuators

Whatever the torque range, process or application, UniTorq's rack and pinion actuators are the most efficient actuators in the world. With more than 17 torque sizes, models are available with 90, 120, 135, 180, 240 or 270 degree of rotation. Built to perform relentlessly in the most demanding environments, UniTorq can meet almost any requirement for pneumatic actuation.



## Electric Actuators Offer Field Proven Performance

Continuing our tradition of providing innovative products, we have an extensive line of electric actuators. Available in quarter-turn or multi-turn (rotary) configurations, these actuators meet most voltage, torque, operating time, valve type, and shaft diameter requirements. Control applications can be on/off or modulating with optional digital microprocessor control. Ideal for countless applications, with gear driven torques from 150 in.-lbs. to over 1,000,000 ft.-lbs., these actuators meet hazardous area and watertight certification approvals.

## UT-ZM Declutchable Manual Gear Override

The UT-ZM provides manual override capabilities whenever air supply or power to a pneumatic actuator is lost. The UT-ZM enables users the ability to safely and easily

position valves - specifically enabling a 90 degree turn in either direction - whenever it becomes necessary to manually override a double acting or spring return actuator. The UT-ZM is available with an Isolation Safety Option that provides internal porting to automatically block and release air, making operation of the gear safer and easier. It also eliminates the need for costly tubing, tees, valves, and fittings.

## The Complete Solution from the Valve Up

UniTorq manufactures a complement of actuator accessories, including digital positioners, solenoid valves, the SeniTec position indicator line, block and vent air control, and mounting hardware to provide a comprehensive valve automation solution.

UniTorq is an ISO 9001: 2008 certified company.





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# Valsteam ADCA Engineering, SA

At Valsteam Adca Engineering SA we are completely focused on providing groundbreaking products for industrial steam and fluid systems.

The project started more than 35 years ago, as industrial pipeline and steam boiler house contractors, already building pressure vessels and auxiliary equipment in-house. Since then we have grown up to become a full-service steam equipment and valve manufacturer, assuring the complete production cycle: design, machining, welding, assembly, tests, quality and packaging.

The company started small, with its first manufactured product being the thermodynamic steam trap, followed by float and thermostatic steam traps, pressure operated pumps, humidity separators, and heat exchangers. Up to now, we have consolidated an enormous range of products and solutions for steam and other industrial gases, present in the process industry, and can now proudly stand as a "one stop shop" for that market featuring more than 15.000 different product part references. Valsteam ADCA is now one of the European companies with the largest range of products:

- Steam Traps
- Pressure Reducing Valves
- Control Valves
- Pipeline ancillaries



- Special Equipment
- Hygienic/sanitary line (AdcaPure)

The use of latest technology on all sectors of the production, allows us to be very competitive, from standard and non-standard series to tailor made products. Our brand ADCA may be found in the 5 continents, in

over 80 countries and practically in all kinds of industries.

We are now a global company, but kept the best that a family owned business can keep: agility in developing new products, a flexible production and the proximity to our client.



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# VALUE VALVES CO., LTD.

## THE LEADING BRAND IN TAIWAN

Since 1980, VALUE VALVES CO., LTD has stood 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 38 years of experience and development, our company ranks first in the valve industry in Taiwan.

## More than 20 high-quality valves!

We have been exporting our products to the United States of America, Japan, Europe, Oceania, China, Southeast Asia, the Middle East, Oceania... Products through quality certification in more than 10 countries!

More than 66 products approved certificate!

Established overseas branches in China Suzhou, Singapore, Thailand, Vietnam, Germany, etc.



*Triple Offset Butterfly Valves*



*Centric Butterfly Valves*

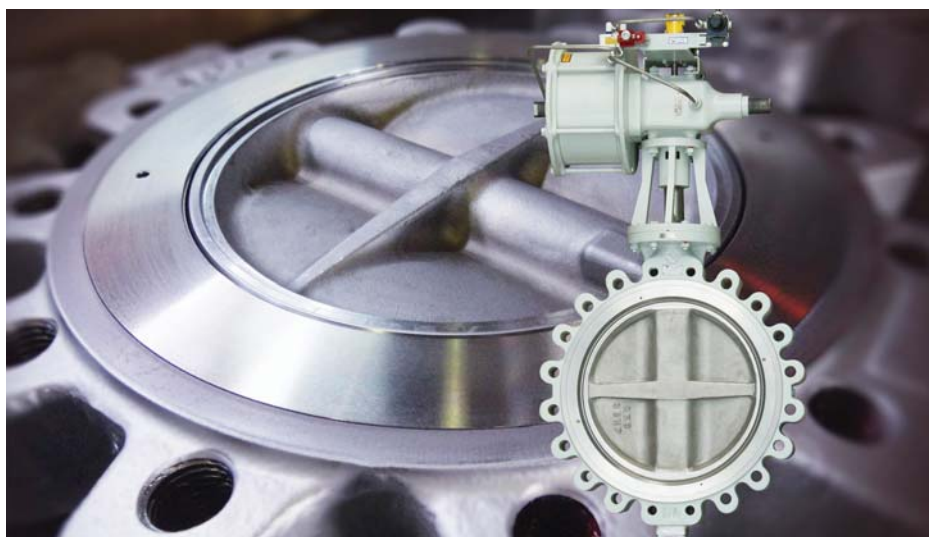


*Ball Valves*



### Company

**Name:** VALUE VALVES CO., LTD.  
**Address:** No. 2. Chung Shan Rd  
Tu-Cheng Industrial District  
New Taipei City, 236  
Taiwan  
**Phone:** +886-2-2269-8000  
**Fax:** +886-2-2268-6600  
**Email:** sales@valuevalves.com.tw  
**Website:** WWW.VALUEVALVES.COM



*High Performance Butterfly Valve*

# Valve Accessories & Controls

## 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 and CEO 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, manufacturing exceptional products and offering a wide selection of new installation and retrofit solutions.

## Serving OEMs and Distributors

Every day we work with satisfied OEMs and Distributors, offering options from basic pneumatic and electroneumatic units, to explosion proof electroneumatic units, to a complete line of digital positioners, with positioner feedback available for all units. All of our positioners are housed in a simple, rugged, metal design equipped for the extreme conditions of any environment. Our units 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 Tuftram®
- Endure a range of temperatures from -60 to 325F
- 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 tightly-knit, dedicated team who work 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. Because we are 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.



VALVE ACCESSORIES & CONTROLS

### 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 ½" 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

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

Velan employs over 1,800 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 butterfly
- Dual plate check valves
- API 6D & 6A ball valves
- Steam traps
- Control systems and actuators
- Engineered-to-order valves



# VELAN

#### Company

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Canada

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**Website:** www.velan.com

# Vinco Válvulas S.A.

Vinco Válvulas SA manufacturers ball valves for the chemical, petrochemical, offshore, marine, pharma and cosmetics industries. Established in 1990, the company quickly guided its activity for the external market.

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 25 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

Standard and firesafe certified valves for use in petrochemical, refining, Oil & Gas applications



**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
- Special Painting

## SANITARY RANGE

High purity compliant valves for use in pharmaceutical, biotechnology, microelectronics applications



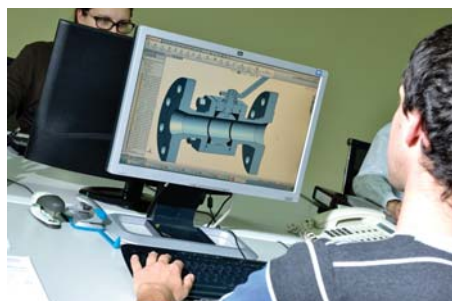
**Sizes:** DN ½" to 6"

- ASME BPE
- DIN 11850
- ISO 1127
- Special Materials
- Fire Safe Certified
- FDA & USP Class VI compliant
- Electropolishing

## Manufacturing

Currently, we have a technical department to design and develop the products according to standards and using innovative CAD/CAE tools. Manufacturing is carried out in advanced CNC machines. Assembly, painting and testing attest final quality of the product.

All process is ISO 9001 certificated assuring identification and traceability, production planning and reception of raw materials, providing compliance with delivery date.



Fugitive Emissions  
ISO 15848

CE Marking  
PED 97/23/EC

ATEX II 2 GD  
94/9/EC

ISO 9001

API 607 Ed.6  
ISO 10497



**Vinco**  
V A L V E S

**Company**

**Name:** Vinco Válvulas SA

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Vilarinho das Cambas  
Portugal

**Phone:** +351 252 303 210

**Email:** vinco@vincovalves.com

**Website:** www.vincovalves.com



# 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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Jin Xi Town, Kun Shan City  
Jiang Su 215324  
China  
**Phone:** +86-512-57226085  
**Fax:** +86-512-57226088  
**Email:** sales@vizavalve.com  
**Website:** www.vizavalve.com

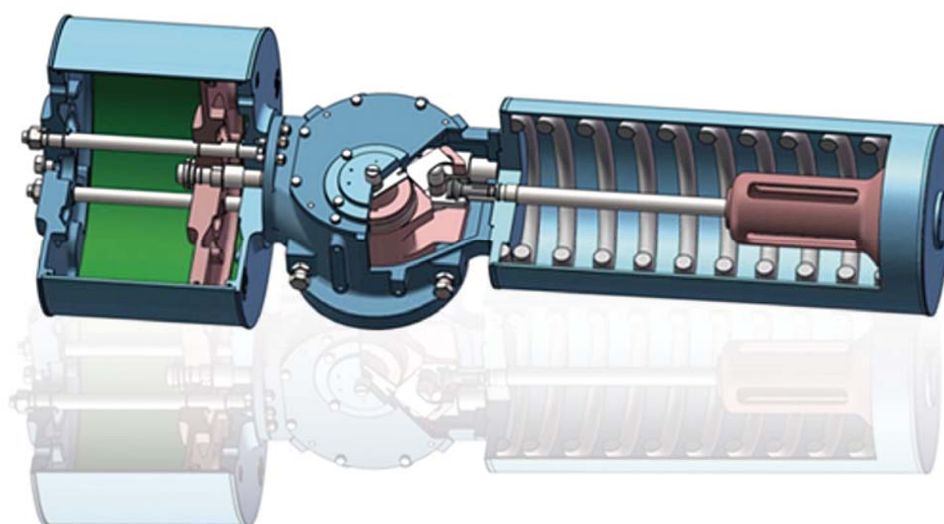
# VTORK Technology (Wuxi) Co., Ltd

## WE ONLY PRODUCE PNEUMATIC ACTUATOR.

VTORK Technology (Wuxi) Co., Ltd is a professional fluid control products manufacturer, specialized in pneumatic valve actuators, scotch yokes and some accessories.

We have excellent production, testing equipments and world-leading precision processing center which vastly improve the quality of products and production efficiency. We are in the world leading level in the domestic counterparts.

We always produce products strictly according to international quality standard and get certificates like ISO 9001, ATEX, CE, SIL3. What's more we have owned two unique patents which has outstanding contribution for the progress of pneumatic valve actuators industry



website: [www.vtork.cn](http://www.vtork.cn)

**Company Name:** VTORK Technology (Wuxi) Co., Ltd  
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**Fax:** +86-510-85581551  
**Email:** [vtork@vtork.cn](mailto:vtork@vtork.cn)  
**Website:** [www.vtork.cn](http://www.vtork.cn)



# Wenzhou Huahai Sealing Co., Ltd

Established in 2001, Wenzhou Huahai Sealing Co., Ltd is a professional manufacturer of ring joint gaskets. We are located in Wenzhou China, with convenient transportation access. Our company has been approved for API 6A certificate, Manufacture License of Special Equipment, ISO9001:2000 Standard and the SGS Supplier certificate.

We specialize in ring joint gaskets (also called metallic gasket), including octagonal gaskets, oval gaskets in the entire R, RX, BX, IX type series. We have brought in CNC sawing machine, CNC lathe (300mm-2500mm), spectrograph, coating thickness gauge, desktop hardness tester, laser printer and other superior equipment to improve our capacity. Our products are widely used in gate valves, oil Christmas tree, pipeline fittings, flanges, oil and gas industry, wellhead assembly, petrochemical industry and the like.



We can produce the longest 2500mm outside diameter. Also, we can manufacture the gaskets according to specific size or drawings with an offering of over 30 materials, such as soft iron, carbon steel, SS321, SS347, SS316, SS304, F11, F12, F22, F9, Inconel 600, Monel 400, C-276, Incoly 825 and so on. We are pleased that our products

are well received at home and abroad for excellent quality and competitive price, such as Southeast Asia, Europe-America market and so on. We, the Huahai staff, are hard-working, committed and qualified, and follow the motto: "Superior to the world and keep an open mind" to share with our clients.



#### Company

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**Website:** www.zjhmf.com



# WENZHOU ZHENGTE VALVE CO., LTD

Our company is one of the earlier enterprises in China which manufactures silica gel casting valves, located in Wenzhou

City, where the private enterprise is the most active, situated at Yongqiang Hi-tech Industrial Area, Longwan. This company has

considerable funds, masterful technology and strong personnel. We have excellent machining equipment and detection device. We process products with imported numerical control and CNC machine tools, which make our products superior in quality as to receive the praise by clients at home and abroad.

Main products: ANSI, DIN, JIS, API, GOST, BS standard ball valve, globe valve, gate valve, check valve, etc. pipeline valves and fittings, both screwed and flanged end connection, Mainly in A216 WCB, A351 CF8, A351 CF8M, A182 F304, A182 F316, etc.. We also produce non-standard valves according to the request of clients. The products widely apply to chemical industry, petroleum, light industry, food, medical fields, and environmental protection, etc.. we explore market at home and abroad with our business policy: top priority to quality, superior service to customer. Our products have been widely sold to overseas market, such as USA, Germany, Canada, UK, Sweden, Holland and Russia. Welcome vast clients to visit and guide. We hope to promote, through mutual effort, both trade and friendship.



## Company

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**Fax:** +86 0577 869 133 77  
**Email:** cnyot@ytvalve.com  
**Website:** www.ytvalve.com



# Wolseley Industrial Group

Wolseley Industrial Group is a total solution provider for industrial pipe, valves and fittings (PVF) and general maintenance, repair and operations (MRO) supplies and services to the chemical, general manufacturing, pulp and paper, oil and gas, mining and power generation segments. With more than 160 U.S. locations, Wolseley Industrial Group delivers peace of mind through their unmatched Quality Assurance program and technical expertise.

Wolseley Industrial Group focuses on two core areas:

- **Industrial distribution/PVF:** Provides pipe fabrication, valve automation, valve testing, documentation, and technical support to supply quality products that meet customers specifications.
- **Integrated services/MRO:** Provides supply chain management solutions for a full range of maintenance, repair and operating supplies to increase profitability and total cost of ownership.

Our products include:

- PVF
- Instrumentation products
- Steam specialties
- Fuel and petroleum measurement
- Specialty Products (lined piping, valves and fittings)
- General MRO supplies
  - Abrasives, chemicals and lubricants
  - Cutting tools and accessories
  - Fasteners
  - Safety products

Our services include:

- Quality assurance
- Pipe end finishing
- HDPE fusion services



- Valve automation
- Custom fabrication
- National quotations
- Project management
- Supply chain management services

## Quality processes

Wolseley Industrial Group maintains one of the most comprehensive and stringent quality management programs in the industry. They have created and evolved superior processes for manufacturer and product qualification using their certified quality labs. Customers can rest assured that the quality processes in place ensure the products supplied are of the highest quality and are meeting specifications. Their innovative and hands-on quality processes:

- Mitigate risks
- Increase reliability
- Produce cost savings
- Enhance performance

## Valve actuation capabilities

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 inventory and fabrication capabilities allows for shorter lead times to meet their customers' requirements.

Valve actuation services include:

- Dedicated valve technicians and product specialists
- Extensive inventory and distribution of high quality, trusted brands of valves, actuators and accessories
- Actuation service centers strategically located around the country
- Full traceability and documentation

For more information, visit [www.wolseleyindustrialgroup.com](http://www.wolseleyindustrialgroup.com).



## WOLSELEY INDUSTRIAL GROUP

### Company

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

# WUXI FORCE & TORQUE TECHNOLOGY CO., LTD.

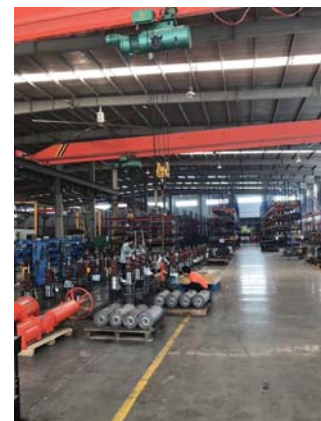
Wuxi Force & Torque Technology Co., Ltd. is a well-recognized world leader and reliable manufacturer for pneumatic actuators, pneumatic valves and accessories in China. The backbone employees started a R & D manufacturing and marketing for valve actuators in 1999. With over 20 years' innovation and extensive industry experience, Force & Torque provides first class products and services for customers worldwide.

Force & Torque supplies pneumatic actuators and valve control accessories such as manual overrides, limit switch boxes, solenoid valves, filter regulators, valve position feedback devices etc. Additionally, Force & Torque provides professional valve automation solutions such as pneumatic ball valves, pneumatic butterfly valves etc. for diverse applications.

The wide variety of actuators include stainless steel pneumatic actuators, RT series rack and pinion actuators, HPY series scotch yoke pneumatic actuators and scotch yoke hydraulic actuators, HPL series linear pneumatic actuators and linear hydraulic actuators.

Actuators range from  $\phi 32$  to  $\phi 1000$ , torque covers from 5Nm to 300000Nm.

Focusing on the mindset 'Absorbed, Professional, Excellent', Force & Torque devotes to serve customers with more excellent technology, innovative products and best service.



Company

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Email: sales@force-torque.cn

Website: www.force-torque.cn



# Xiamen Dervos Valves Industry Co., Ltd

## ABOUT OUR COMPANY

DERVOS VALVES INDUSTRY CO., LTD is a China Valve Manufacturer which was built up in 2007. After 10 years' development and accumulation, we have trained a professional sales team armed with full technical knowledge and excellent communication skills, providing customers with fast and great services, successfully expanding our markets to Europe, South America and Asia. Dedicated to continuous development, in October, 2017 we reached a cooperation agreement with Datong Reciprocity Group as its sales agent, which has uncomparable strengths than many other manufacturers in China. Without doubt, this alliance will give play to both parties' strengths, make full use of Dervos' sales experience and Datong's strong technical background. We believe there will be more chances to come enabling us to participate in large international projects and serving more and more customers with satisfaction.



## ABOUT OUR PRODUCTS

**INDUSTRIAL VALVES :** including gate valves, globe valves, check valves, butterfly valves, ball valves and plug valves. The size range starts from 1/2", and extends to 60" while pressure ratings range from ANSI/ASME Class 125 to 4500LBS, and UNI PN6 to PN400. The highest quality and variety of materials used (carbon steel, low temperature carbon steel, alloy steel, stainless steel, cast iron) can satisfy all the requirements of the chemical,

petrochemical and power plants, oil and gas, off-Shore & on-Shore, refining, ship building, water treatment and energy generation.

**PIPES PRODUCTS:** include seamless carbon steel, stainless steel pipes. Materials include API 5L GR.B, A53 GR.B, A106 GR.B, WP 304/304L, WP 316/316L etc.

**FITTINGS PRODUCTS:** include elbow, tee, cross, reducer, outlet, coupling and flanges etc.



### Company

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**Website:** www.dervosvalve.com



# Zhejiang Boutique Valve Co., Ltd.

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.

Products are widely used in petroleum, petrochemical, chemical, nuclear power, coal, chemical industry, set pipeline, gas, shipbuilding, metallurgy, etc. Products

exported to Europe, North America, Asia and other countries. Each procedure reflects a systematic process, the full implementation of computer-aided manufacturing, ensuring quality and ensuring that the limit of accuracy is meticulous by using the target management and ISO9001:2008 system quality assurance system, to make the quality of our company's goods to be trusted by the user.



**BOUTIQUE VALVE**  
**伯替克阀门**

**Company**

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<b>Email:</b>	sales@btq-valve.com
<b>Website:</b>	www.btq-valve.com



# Zhejiang Ruixing Valve Co., Ltd

Zhejiang Ruixing Valve Co., Ltd was founded in 2004, a Sino-Korea joint venture enterprise combining valve research, development, process, manufacture and sales. It has risen rapidly in the valve industry and gained a good reputation with distributors and end users in America, Canada, Korea, European Union, the Middle East, Brazil, etc.

The company mainly produces API602 and API608 forged steel valves in accordance with ANSI, BS, JIS standards as required by customers. The nominal pressure of the product is from 150LB to 4500LB, size from 1/4 inch to 4 inch, and its current yearly production capacity is about 500,000 sets.



The company has received a series of qualified certificates: ISO9001 Quality Management System Certificate, API602, API608, DNV/CE Certificate, API607 Fire Safe Certificate and TS License from year 2008 to



2013. It passed DNV's audit in 2015 and successfully became their globally accepted manufacturer of forged steel valves.

Looking forward to our cooperation!



## Company

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**Email:** Lou@crxv.com

**Website:** www.crxv.com



# Zhejiang Xburs Measurement & Control Technology Co.,Ltd

XBURS supplies different kinds of valve gearboxes and valve actuators in high quality and at a favourable price. Zhejiang XBURS Measurement & Control Technology Co., Ltd. is a high technical manufacturer in China which specializes in research, development, production and distribution of valve actuators and various kinds of valve gearbox. Our products are widely used in ball valves, butterfly valves, gate valves, plug valves, etc.

With 80 team members over a land area of 10,000 square metres, we are located at the "Valve town" of Wenzhou Oubei. Our valve gearboxes and actuators are widely applied in many fields such as oil & gas, petroleum, chemical, electric power, metallurgy, water treatment, construction and other industries.

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.

XBURS has a team of experienced, skilled, intensively studied and qualified researchers and engineers in management and production, from a wide variety of backgrounds.

Our mission is to provide gearboxes and actuators of high quality and cost effectiveness to maximise our customers' value. We persist in continuous improvement and product innovation to maintain our competitiveness.



## XBURS

### Company

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**Fax:** +86-577-57765582  
**Email:** sales@xburs.com  
**Website:** www.xburs.com





**MRC Global**®

# Trusted Valve Specialist

A global team of technical experts with extensive inventory and a robust network of valve and engineering centers – all to meet your valve automation needs.

**Put our expertise  
to work for you.**

***We Make Energy Flow***®

MRC Global supports your complex PVF requirements on a local, regional and global scale.

[www.mrcglobal.com](http://www.mrcglobal.com)

## Calendar of events

26 – 27 JUNE 2018

### Fugitive Emissions Summit Americas 2018

Fugitive Emissions Summit Americas aims to bring together a community of end users, EPCs, distributors, manufacturers and suppliers for an exciting conference and exhibition that will help to address the ever-changing world of fugitive emissions regulations and control.

**Location:** George R. Brown Convention Center, Houston, Texas, USA

**Email:** [s.matas@kci-world.com](mailto:s.matas@kci-world.com)

**Website:** <https://americas.fugitive-emissions-summit.com>

13 – 14 NOVEMBER 2018

### Managing Aging Plants USA 2018

The Materials Technology Institute (MTI) and Stainless Steel World Americas will present the 2018 Managing Aging Plants USA Conference & Exhibition, at the Royal Sonesta Houston Galleria in Houston, Texas.

The conference program will feature topics related to aging infrastructure as well as stainless steel- and corrosion resistant alloy (CRA)-related subjects like welding, non-destructive testing, duplex, corrosion, etc.

**Location:** Houston, USA

**Contact:** Josh Gillen

**Phone:** +1-416-361-7030

**Email:** [j.gillen@kci-world.com](mailto:j.gillen@kci-world.com)

**Website:** <http://www.ssw-americas.com/events/managing-aging-plants-usa-2018.html>

27 – 29 NOVEMBER 2018

### Valve World Conference & Expo 2018

Be a part of the worlds' premier valve event and network with the leading minds driving ahead innovation and excellence in the fields of valve manufacture, use and maintenance. Valve World is a dynamic and interactive event with a strong focus on personal interaction. The high quality conference has an emphasis on practical, applicable knowledge sharing. Not only will you gain knowledge and improve your skills, you'll also expand your professional network for years to come. Join the discussions, share your knowledge and explore the endless possibilities for business networking!

**Location:** Messe Düsseldorf, Germany

18 – 19 JUNE 2019

### Valve World Americas Conference & Expo 2019

**Location:** George R. Brown Convention Center, Houston, USA

**Exhibition enquiries**

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# ASSOCIATIONS

## **ABS – American Bureau of Shipping**

ABS serves its members and clients around the globe, with 200 offices in 70 countries worldwide. ABS is committed to setting standards for safety and excellence as one of the world's leading classification organisations. In a constantly evolving industry, ABS works alongside its partners tackling the most pressing technical, operational and regulatory challenges so the marine and offshore industries can operate safely, securely and responsibly.

Website: [www.eagle.org](http://www.eagle.org)

## **AENOR – Asociación Española de Normalización y Certificación**

The Spanish Association for Standardisation – UNE and AENOR originate from the Spanish Association for Standardisation and Certification, created in 1986. Activities are divided between the two bodies, with UNE (a non-profit organisation) carrying out standardisation and cooperation activities. AENOR, a commercial entity, works in the field of conformity assessment and other related areas, such as training and the sale of publications. The two organisations' work contributes to improving the quality and competitiveness of companies, their products and services.

Website: [www.aenor.es](http://www.aenor.es)

## **Agoria**

Agoria is one of Belgium's largest employers' organisation and trade association which represents and helps more than 1,600 companies in the technology industry.

Website: [www.agoria.be](http://www.agoria.be)

## **Agrival – ASOCIACIÓN NACIONAL DE FABRICANTES DE GRIFERÍA Y VALVULERÍA**

The Spanish association, National Association of Manufacturers of faucets and fittings was founded in 1977 with the aim of promoting this industry in all its aspects. One of the association's main objectives is to encourage research and technical development of the sector so much of its activity is focused on the field of standardisation and certification of products.

Website: [www.agrival.es](http://www.agrival.es)

## **AIMMAP – Associação dos Industriais Metalúrgicos, Metalomecânicos e Afins de Portugal**

AIMMAP, founded in 1957, is one of Portugal's most representative associations, whose main objective is to continually assist members by advising and helping them to

improve competitiveness and modernization. AIMMAP's task is to contribute towards the promotion and development of the sectors it covers, by giving technical support for professional training and technological and logistic assistance. The association's main objective is to foster a well sustained development in the sectors it covers.

Website: [www.aimmap.pt](http://www.aimmap.pt)

## **ANIMA – Federation of Italian Mechanical and Engineering Associations**

ANIMA is the industrial organisation representing the interests of the mechanical industry in Italy. Founded in 1914, the federation numbers 60 associations and product groups and has more than 1000 associated companies. The federation promotes companies and products, both in Italy and abroad, alongside its members, in relation to technical and economic issues and is the most important initiative at national and international level for Italian mechanical and engineering companies.

Website: [www.anima-it.com](http://www.anima-it.com)

## **API – American Petroleum Institute**

The American Petroleum Institute (API) is the only national trade association that represents all aspects of America's oil and natural gas industry. More than 625 corporate members, from the largest major oil company to the smallest of independents, come from all segments of the industry. Whilst the institute's focus is primarily domestic, more recently its work has expanded to include a growing international dimension and today, API is recognised around the world for its broad range of programmes.

Website: [www.api.org](http://www.api.org)

## **ASNT – American Society for Nondestructive Testing**

ASNT is the world's largest technical society for nondestructive testing (NDT) professionals. Through its organisation and membership, it provides a forum for exchange of NDT technical information, NDT educational materials and programs and standards and services for the qualification and certification of NDT personnel. ASNT promotes the discipline of NDT as a profession and facilitates NDT research and technology

Website: [www.asnt.org](http://www.asnt.org)

## **Austrian Standards International – Standardization and Innovation**

Austrian Standards, established in 1920, is an important international hub for innovative know-how today.

The association forms part of an international network (a member of ISO, CEN and ETSI). More than 90% of standards are developed at European and international levels and Austria significantly contributes to these, making it possible for Austrian experts to set standards based on their innovative ideas internationally. The association brings know-how to where it's needed – to workbenches and research laboratories alike.

Website: [www.austrian-standards.at](http://www.austrian-standards.at)

## **AVR – Italian Valve and Fitting Manufacturers' Association**

AVR is the industrial trade association representing, at a national and international level, Italian companies in the sector. AVR is federated to ANIMA. Since 1952 AVR has played an important role in representing its members in their constant process of growth inside and outside Italy. Thanks to the characteristics of Italian production, AVR created a special trademark representing the features of member-companies' quality standards: experience, innovation, search for quality, after sales assistance and design. AVR companies operate within the fields of sanitary fittings, valves and fittings, industrial valves and actuators and fittings and components in a wide range of industries.

Website: [www.associazioneavr.it](http://www.associazioneavr.it)

## **AWWA – American Water Works Association**

Founded in 1881, AWWA is an international, non-profit, scientific and educational society dedicated to providing total water solutions, assuring the effective management of water. A membership of almost 50,000 includes over 3,900 utilities supplying around 80% of USA's drinking water and treat almost half the nation's wastewater and represent the full spectrum of the water community. AWWA has also helped establish two organisations dedicated to safe water: the Water Research Foundation in 1966 and Water for People in 1991. AWWA unites the diverse water community to advance public health, safety, the economy and the environment.

Website: [www.awwa.org](http://www.awwa.org)

## **BHR Group**

Established in 1947 and privately owned since 1989, UK based BHR Group are specialists in understanding how fluids behave, interact with each other and with their surroundings. The Group take a problem



# ASSOCIATIONS

solving approach to design, develop, validate and optimise processes for the benefit of clients, providing professional, impartial help and advice allowing clients to solve even the most complex of fluid engineering problems. Throughout its history BHR Group has developed intellectual property and made technology breakthroughs with a strong tradition of fluid engineering innovations, exploited as IP, spun-out as separate companies or otherwise licensed or sold.

Website: [www.bhrgroup.com](http://www.bhrgroup.com)

## **BSI – British Standards Institution**

Since its foundation in 1901 as the Engineering Standards Committee, BSI Group has grown into a leading global business services organisation providing standards-based solutions with 76 offices worldwide, serving over 80,000 clients in 182 countries. It was awarded a Royal Charter in 1929. It is an independent, private, non-profit distributing company which helps organizations improve their quality and performance, reduce their risk, manage and protect their reputations, and help them be more sustainable.

Website: [www.bsigroup.com](http://www.bsigroup.com)

## **Bureau de Normalisation – NBN**

NBN is responsible for developing and selling standards in Belgium. In addition, NBN organises training on the use of management standards. Together with its sector operators, NBN acts as the Belgian knowledge centre for all activities related to standardisation and plays a societal role by helping companies, consumers, public authorities and other stakeholders to strive for greater quality within an international competitive context. They do so by offering services related to the development, publication, dissemination and use of standards.

Website: [www.nbn.be](http://www.nbn.be)

## **BVAA – British Valve & Actuator Association**

Established in 1939 the BVAA represents the interests of over 200 British valve and actuator companies which are responsible for over £1 billion sales each year. Member companies employ more than 9,000 personnel directly in manufacturing and an equal number in support industries. The association's aim is to be the voice of the industry while creating value for members by providing excellent business networks, new business opportunities, industry recognised training, technical expertise and influence. BVAA is also active in communal marketing, business development, business management and related support. Membership is

open to companies registered in the UK who manufacture, distribute or repair valves, actuators and related products.

Website: [www.bvaa.org.uk](http://www.bvaa.org.uk)

## **CCPIT – China Council for the Promotion of International Trade**

The aims of the CCPIT are to operate and promote foreign trade, to use foreign investment, to introduce advanced foreign technologies, to conduct activities of Sinoforeign economic and technological cooperation in various forms, and to promote the development of economic and trade relations between China and other countries and regions around the world.

Web: [www.bizchinanow.com](http://www.bizchinanow.com)

## **CEDIGAZ**

CEDIGAZ is an international, not for profit association dedicated to natural gas information. It was created in 1961 by a group of international gas companies and the Institut Français du Pétrole (IFP) nouvelles and is considered a key source of unbiased fundamental industry data. CEDIGAZ has around 80 members in 40 countries, associating most of the leading international oil and gas companies, national and international organisations, banks, consultants, engineering companies and equipment suppliers.

Website: [www.cedigaz.org](http://www.cedigaz.org)

## **CEIR (European Association for the Taps and Valves Industry)**

CEIR was formed in 1959 as the European federation of national manufacturer associations. It gathers together a large number of European manufacturers in the field of valves and fittings and supports the principles of a free economy and private enterprise in Europe as well as on a global basis. CEIR represents the common economic, technical and scientific interests of the European valve industries, in particular towards international authorities and economic and commercial circles.

Web: [www.ceir.eu](http://www.ceir.eu)

## **CEWAC**

CEWAC is a Belgian research centre performing services, studies and research for companies, especially for SMEs. It realises calculations, modelling, conception and design in the fields of welding and fluid mechanics. It offers consultancy and technical advice in these fields and in the field of vacuum and ultrahigh vacuum. It assists companies during the development of technological demonstrators and/or industrial prototypes up

to the realisation of pilot lots. Other services include quality control, guidance on welding procedures and welder qualifications, conception and realisation of test stands for customized tests (and associated procedures), technology audits and experts' reports.

Website: [www.cewac.be](http://www.cewac.be)

## **Commission on Air Pollution Prevention (KRdL) of VDI and DIN**

The scope of the Commission on Air Pollution Prevention of VDI and DIN - Standards Committee KRdL comprises all questions within the field of air quality, e.g. origin and prevention of emissions, questions of waste disposal and solid waste, thermal use, environmental meteorology, effects of pollution and techniques for emission and ambient air measurement as well as waste gas cleaning and dust separation technologies including operation and maintenance of corresponding plants within the field of environmental protection. In this context especially requirements of plant-related, crossmedia, integrated and ecological environmental protection are considered.

Website: [www.din.de](http://www.din.de)

## **CTI – Castings Technology International**

CTI is a leading provider of technology, expertise and services to the cast metals sector and global supply chain. Their primary aims are to research and resolve advanced manufacturing problems. They are a member-based organisation with over 300 members in 30 countries ranging from multi-national aerospace giants to local SMEs. With expertise in casting design, materials development and selection, specifications, manufacturing technologies, quality control, testing and performance CTI employs around 60 highly qualified researches, engineers and technicians, at their purpose built centre in south Yorkshire, UK.

Website: [www.castingstechnology.com](http://www.castingstechnology.com)

## **DS – Dansk Standard**

Danish Standards is the national standards organisation in Denmark. It is a non-profit commercial organisation that develops and publishes standards, provides training and offers consultancy. The profits are ploughed back into the development of new activities for the benefit of society and the corporate sector. DS contributes to the work of European organisations CEN, CENELEC and ETSI, and the international standardisation organisations ISO and IEC. Their primary fields of activity include: Standardisation Consultancy, Sale of standards and handbooks, Courses and conferences and Ecolabelling.

website: [www.ds.dk](http://www.ds.dk)

# ASSOCIATIONS

## **DVM – German Association for Materials Research and Testing**

Founded in 1896, the German Association for Materials Research and Testing (DVM) is a non-profit organisation which promotes knowledge transfer and networking in the wide area of materials research and structural integrity. DVM offers a contact forum for intersectoral exchange between science and technology, universities and industry as well as basic research and application. The DVM working groups organise technical-scientific events focused on the respective areas of expertise in materials testing.  
Website: [www.dvm-berlin.de](http://www.dvm-berlin.de)

## **DVS Deutscher Verband für Schweißtechnik**

DVS is a technical-scientific, non-profit making society headquartered in Düsseldorf. Its purpose is to promote welding and allied processes for the benefit of the general public and is active in the interests of its members and the German economy. DVS sets standards for research and development, training, examination certification, quality assurance, advice and assessment, technology transfer, standardisation, safety at work and health protection as well as environmental and resource protection. It is a forerunner on matters relating to the joining, cutting and coating of metallic and non-metallic materials and composite materials. The organisation has 75 district branches, 14 state branches and more than 340 educational facilities, working with over 2.300 specialists in more than 200 subject-oriented working bodies of the Technical Committee.  
Website: [www.die-verbindungs-spezialisten.de](http://www.die-verbindungs-spezialisten.de)

## **EFC (European Federation of Corrosion)**

Registered in Belgium, the EFC is a federation of 38 organisations (Member Societies and Affiliate Members) with interests in corrosion, based in 25 countries in Europe and beyond. Taken together, its Member Societies represent the corrosion interests of more than 25,000 engineers and scientists. Founded in 1955, its aim is to advance the science of the corrosion and protection of materials by promoting cooperation in Europe and collaboration internationally. The EFC accomplishes its most important activities through 20 active working parties devoted to various aspects of corrosion and its prevention.  
Website: <http://www.efcweb.org>

## **ELOT S.A. – Hellenic Organization for Standardization**

The Hellenic Organisation for Standardization was established in 1976 as a non-profit legal entity under private law, subsidised by the State and supervised by the Minister of Indus-

try. Since 1997, ELOT has operated as “Société Anonyme”, with the title ELOT S.A., under the supervision of the Minister of Development. Standardisation is one of ELOT’s main activities. Their work includes preparing, issuing and promoting the implementation and use of national standards and standardisation documents.

Website: [www.elot.gr](http://www.elot.gr)

## **EPRI – Electric Power Research Institute**

EPRI conducts research, development, and demonstration projects relating to the generation, delivery and use of electricity for the benefit of the public in the US and internationally. An independent, nonprofit organization, EPRI focuses on electricity generation, delivery and use to enhance the quality of life by making electric power safe, reliable, affordable and environmentally responsible. Membership currently represents around 90% of the electric utility revenue generated in the US and extends to participation in more than 35 countries. Over 1,000 organisations worldwide support the institute’s work. Its members help, through advisory roles, inform the development of EPRI’s annual research portfolio, identify critical and emerging electricity industry issues and support the application and technology transfer of EPRI’s research and development.  
Website: [www.epri.com](http://www.epri.com)

## **European Sealing Association (ESA)**

Established in 1992, ESA is an international association of Companies which supply fluid sealing devices. It represents an important industry involved in emissions reduction, energy savings, employee and public safety. Its website provides access to the world-leading knowledge base of the sealing industry, to help users select, install and utilise the most appropriate sealing solutions for their applications. ESA is registered as a non-profit making trade association, representing the manufacturers and suppliers of sealing devices materials. ESA members represent a strong majority of the sealing industry in Europe and are committed to working towards development of appropriate standards; development of appropriate legislation; development of sealing technology.  
Website: [www.eurosealing.com](http://www.eurosealing.com)

## **FAI – The Fertiliser Association of India**

The Fertiliser Association of India (FAI) is a non-profit and non-trading company representing fertiliser manufacturers, distributors, importer, equipment manufacturers, research institutes and suppliers. The association was established in 1955 with the objective of bringing together

all concerned with the production, marketing and use of fertilisers. The association’s prime task is ensuring food security through balanced and efficient use of plant nutrients.  
Website: [www.faidelhi.org](http://www.faidelhi.org)

## **FEDIL – Industrie Luxembourgeoise de la Technologie du Métal**

Founded in 1918, FEDIL is a multisectoral business federation giving a voice to industrials and entrepreneurs, fostering Luxembourg’s economy. Today FEDIL represents 550 members, 37 sectors and 19 sectoral associations. The association offers high-quality support via a dynamic network whose mission is to support current and future members in their decision-making process and development towards the future; to create the best synergies around developing members’ projects in Luxembourg and internationally; to promote a constructive dialogue with the stakeholders of their ecosystem in Luxembourg and to accompany members in the preparation of their future, contributing to the sustainable growth of the country.  
Website: [www.fedil.lu](http://www.fedil.lu)

## **Fengjie Valve Inspection**

Fengjie Valve Inspection began operating in 1997. It specializes in valve inspection and production supervision. Fengjie’s missions are to stimulate sustainability and awareness; make a continuous contribution to worldwide efforts for a safer, cleaner environment; actively encourage valve manufacturers to upgrade their quality systems; improve quality stability of valves from China; enable valve buyers to make timely, correct decisions for their purchases in China, based on timely and clear service reporting; assist valve buyers and end users to achieve cost efficiency.  
Website: [www.valveinspection.com](http://www.valveinspection.com)

## **FieldComm Group**

FieldComm Group began operations in 2015 by combining all assets of the former Fieldbus Foundation and HART Communication Foundation. It is a global standards based, non-profit member organisation consisting of process end users, manufacturers, universities and research organisations working together to direct the development, incorporation and implementation of communication technologies and ongoing development of FDI technology. Membership is open to anyone interested in the use of technologies. In addition to HART and FOUNDATION Fieldbus communication technologies, FieldComm Group is responsible for ongoing development of Field Device Integration Technology.  
<https://www.fieldcommgroup.org>



# ASSOCIATIONS

## FME

FME is the largest organisation in the Netherlands representing employers and businesses in the technological industry. The organisation actively protects its members' interests nationally and internationally, provides services to individual member companies and clusters of member companies, and supports 60 trade associations. FME has bundled its knowledge and experience. FME employs experienced experts who have advised thousands of companies on such wide-ranging matters as labour, environment, energy, international business and technology.

Website: [www.fme.nl](http://www.fme.nl)

## FSA – The Fluid Sealing Association

Founded in 1933, the FSA is an international trade association. Member companies are involved in the production and marketing of a wide range of fluid sealing devices primarily targeted to the industrial market. The Association's mission is to be recognized as the primary source of technical information, to influence and support the development of related standards and to provide education in the fluid sealing area. To promote a safe, clean environment and a safe work place for employees. To monitor the economic, environmental and social changes which may impact on members' business and to maintain a forum for the exchange of this information.

Website: [www.fluidsealing.com](http://www.fluidsealing.com)

## Gas Association of Serbia and Montenegro

The Gas Association of Serbia and Montenegro is a voluntary technical organisation of engineers and other experts involved with gas and gas mixtures. The association is a non-factionous, non-profit organisation, registered by the Federal Ministry of Economy, willing to cooperate with all technical and other institutions as well as individuals who are interested in technical issues in the field of gas and gas technology. The aim of the association is to promote the engineering and economic progress of the gas industry in Serbia and Montenegro.

Website: [www.gasas.org.rs](http://www.gasas.org.rs)

## GFA – Gasket Fabricators Association

GFA is a trade association of members dedicated to providing custom fabricated components and materials for use in industrial, electronic and medical applications worldwide. Its membership is composed of the foremost companies in the industry, and includes many of the smaller specialised product fabricators. GFA offers regular, productive opportunities for members to network, share ideas and support each other.

Website: [www.gasketfab.com](http://www.gasketfab.com)

## GfKORR

GfKORR, Society for Corrosion Protection, is a federation of corrosion experts from industry and academia working in all fields of corrosion science with the aim of avoiding corrosion and its negative consequences. GfKORR is devoted to the support of corrosion research and the dissemination of knowledge of corrosion protection in all relevant fields.

Website: [www.gfkorrr.de](http://www.gfkorrr.de)

## IPQ – Instituto Português da Qualidade

IPQ is a public Institute which, as part of the indirect administration of the State, has as its mission the coordination of the Portuguese quality system, the promotion and coordination of activities aimed at demonstrating the credibility of the actions of economic agents, as well as the development of activities necessary for its functions as National Institution of Metrology and National Standardization Organization.

Website: [www.ipq.pt](http://www.ipq.pt)

## ISA

Founded in 1945, the International Society of Automation is a leading, global, nonprofit organization that is setting the standard for automation by helping over 40,000 worldwide members and other professionals solve difficult technical problems, while enhancing their leadership and personal career capabilities. ISA develops standards; certifies industry professionals; provides education and training; publishes books and technical articles; and hosts conferences and exhibitions for automation professionals. ISA is the founding sponsor of the Automation Federation.

Website: [www.isa.org](http://www.isa.org)

## ISER – Informationsstelle Edelstahl Rostfrei

ISER is a joint organization of companies and institutions from the fields of stainless steel production, trade and processing, surface finishing and alloys. Its tasks include company-neutral information on the properties and applications of stainless steel.

Website: [www.edelstahl-rostfrei.de](http://www.edelstahl-rostfrei.de)

## ISO – International Organization for Standardization

Founded in 1946, and officially operating since 1947, ISO is an independent, non-governmental, international organisation with a membership of 162 national standards bodies. Its aim is to facilitate the international coordination and unification of industrial standards. Through its members, it brings together experts to share knowledge and

develop voluntary, consensus-based, market relevant International standards that support innovation and provide solutions to global challenges.

Website: [www.iso.org](http://www.iso.org)

## ITA (International Titanium Association)

ITA is a membership based international trade association dedicated to the titanium metal industry.

Established in 1984 the association's main mission is to connect those interested in using titanium with specialists across the globe for sales and technical assistance. ITA seek to expand the knowledge base for the metal, providing literature and sponsoring conferences. They look to educate engineers, designers and business executives on titanium's properties and strive to advance ideas in research, design, metallurgy and engineering as well as providing a forum for the exchange of ideas within the industry.

Website: [www.titanium.org](http://www.titanium.org)

## Japan Valve Manufacturers' Association Ltd

Japan Valve Manufacturers' Association was established in 1954 with the participation of major domestic valve manufacturers for contributing to the expansion and advancement of the Japanese valve industry. Since then, the association has implemented programmes for this expansion via continual adjustment to changes in the economic environment. Today the association comprises 116 companies as regular members and 63 associate members. Meeting groups and committees are divided into: general purpose valves; automatic valves and faucet/flush valves. Committees are set up for the deliberation of important issues to ensure the implementation of various measures and programmes.

Website: [www.j-valve.or.jp](http://www.j-valve.or.jp)

## Jernkontoret

Jernkontoret (the Swedish Steel Producers' Association) safeguards the interests of the Swedish steel industry through working actively to ensure the best possible preconditions for operations in Sweden. The association endeavours to maintain a high reputation for credibility with member companies, politicians, public authorities, research and educational institutions and the general public as well as being a dependable consultation partner. It is a significant builder of networks, both on the national and international stage.

Website: [www.jernkontoret.se](http://www.jernkontoret.se)

# ASSOCIATIONS

## **MCAA – Measurement, Control & Automation Association**

The MCAA is the national trade association representing leading manufacturers and distributors of instrumentation, systems and software used in industrial process control and factory automation around the world. Member companies include leading multinational companies together with more niche-oriented providers. MCAA helps the management teams of process and factory automation product and solution providers run and grow successful businesses by offering timely, unique and highly specialised resources acquired from shared management benchmarks and strategies where proprietary company information is secure. Website: [www.measure.org](http://www.measure.org)

## **Metaltechnology Austria**

Metaltechnology Austria is the national representation of all enterprises active in mechanical and plant engineering, steel construction and metalware production. The main task of the association consists of working on legal and economic framework conditions, ensuring the companies of Metaltechnology Austria can compete successfully on a global level. The association mainly acts as a pressure group, an information and service office and provides support for individual concerns and questions. Website: [www.fmmi.at](http://www.fmmi.at)

## **MSS – Manufacturers Standardization Society**

Officially founded in 1924, the MSS of the valve and fittings industry is a non-profit technical association organised for the development and improvement of industry, national and international codes and standards for valve, valve actuators, valve modification, pipe fittings, pipe hangers, pipe supports, flanges and associated seals. Website: [www.msshq.org](http://www.msshq.org)

## **NAP**

NAP is a Dutch knowledge network organisation, a platform within the process industry consisting of asset owners, engineering firms and suppliers. It aims to inspire its participants in formulating policies to be pursued, both individually and collectively, striving to strengthen the structure, vitality and sustainability of the process industry in the Netherlands. NAP was established in 1960 by the Dutch Chemical Industry Association and the FME Association, the industry association for the metal and electrical industry. Website: [www.napnetwork.nl](http://www.napnetwork.nl)

## **NITO**

NITO – The Norwegian Society of Engineers and Technologists, is the largest union for engineers and technologists with Bachelor, Master or higher qualifications, in Norway, with over 86 000 members. Website: [www.nito.no](http://www.nito.no)

## **NPAA (Scientific & Industrial Valve Manufacturers Association)**

Founded in 1990, NPAA incorporates more than 60 main design companies, pipeline valve and actuator manufacturers and suppliers from Russia, Ukraine and Kazakhstan. In 1993 NPAA became a member of the European Committee for the Valve Industry (CEIR) and cooperates closely with various other organisations. Activities include coordinating valve manufacturers' activity; organizing technical regulation in the valve industry; marketing and economic analysis of the valve industry; preventive actions against counterfeit valves and actuators; organizing and participating in seminars and conferences and exhibitions. Website: [www.npa-arm.org](http://www.npa-arm.org)

## **NSAI – National Standards Authority of Ireland**

As Ireland's Official standards body, NSAI aims to inspire consumer confidence and create the infrastructure for products and services to be recognized and relied on worldwide. NSAI helps companies apply existing standards and works with relevant parties at national or international level to create and develop appropriate standards. By this means NSAI improves the performance of Irish business and protects consumers. NSAI are the national certification authority for CE Marking and provide a certification service to enable business demonstrate that Irish goods and services conform to applicable standards. Website: [www.nsai.ie](http://www.nsai.ie)

## **Polish Industrial Valves Association (SPAP)**

Established in 1996, SPAP's fundamental aim is the promotion of Polish industrial valves and the concentration of Polish producers in order to be more effective in facing competition from foreign companies. The association participates in branch fairs, technical conferences arranging, presentations for biggest valves users, advertising in branch magazines, cooperation with international and foreign valve organizations such as CEIR, NPAA (Russia) and APAU (Ukraine) and other promotion forms depending on needs. SPAP consists of various

leading Polish industrial valves and seals manufacturers. Website: <http://www.spap.org.pl>

## **PrimoTek Associates Limited**

PrimoTek Associates is a multi-disciplined, independent marketing and engineering consultants in the UK, specialising in technical and commercial support to valve manufacturers, distributors and equipment manufacturers in the HVAC and plumbing sectors of the commercial construction market, as well as the process and industrial sectors. The company's knowledge and expertise is focused on, but not limited to, the commercial valve industry, including fittings, pipes and sanitary equipment. Website: [www.primotek.co.uk](http://www.primotek.co.uk)

## **PROFLUID**

Established over 110 years ago PROFLUID is the French association of pumps and agitators, valves and compressors. By ensuring a continuous watch of regulations and the economy the association helps anticipate challenges and defends the interests of its members on regulatory, technical or economic issues. PROFLUID is a member of the Federation of Mechanical Engineering Industry, playing an active role in several market-specific associations (GIFIC: the French Association of Equipment Suppliers for the Chemical Industry; GIIN: the French nuclear industry association etc.). On an international level, PROFLUID representatives chair Committees for Standardisation (CEN and ISO) and are active members of the sector based European committees (Europump, Pneurop and CEIR). Website: [www.profluid.org](http://www.profluid.org)

## **SASSDA – Southern Africa Stainless Steel Development Association**

SASSDA is one of the most active stainless steel industry associations in the world and has, since 1964, been involved in increasing the awareness and use of stainless steel in Southern Africa. The organisation provides a platform for SASSDA members to collectively promote the sustainable growth and development of the industry with the main emphasis on stainless steel converted within the South African economy. SASSDA also provides a comprehensive list of services to its member base including technical information and advice, education, training and skills upgrading, a range of publications and marketing, industry and business development support. Website: [www.sassda.co.za](http://www.sassda.co.za)



# ASSOCIATIONS

## **SIGTTO**

The Society of Gas Tanker and Terminal Operators was formed as an international organisation through which all industry participants might share experiences, address common problems and derive criteria for best practices and acceptable standards. The purpose of the society is to promote shipping and terminal operations for liquefied gases which are safe, environmentally responsible and reliable. It proactively develops best operating practices and guidelines; sustains a learning environment by sharing lessons learned; promotes training and development within the industry and fosters mutually beneficial relationships with regulatory authorities and other stakeholders.

Website: [www.sigtto.org](http://www.sigtto.org)

## **SIS – Swedish Standard Institute**

SIS is a member-based, non-profit association specialized in coordinating standardisation in Sweden. SIS represents Sweden in the European standardisation organisation CEN and the global organisation ISO. The institute is recognized for its professionalism, expertise and openness in relation to customers, employees, suppliers and partners.

Website: [www.sis.se](http://www.sis.se)

## **SNV**

The Swiss Association for Standardization is a provider of information services driven by the future. It defends the interests of business and society in Switzerland and works for their benefit. As a direct representative of global and European standardisation efforts (through the ISO and CEN respectively), the association is Switzerland's interface with various other national and international standards networks, bridging the gap between standardisation experts and users of standards.

Website: [www.snv.ch](http://www.snv.ch)

## **Society of Maritime Industries (SMI)**

SMI is the voice of the UK's maritime engineering and business sector promoting and supporting companies which design, build, refit and modernise ships, and supply equipment and services. SMI provides a wide range of activities both internationally and in the UK for the benefit of the maritime engineering business community. Members' interests are represented by councils focusing on the markets in offshore energy, marine science and technology, commercial maritime operations, ship building, repair and equipment, naval platforms, systems and equipment, maritime autonomy, maritime security and safety, and ports and terminals infrastructure.

Website: [www.maritimeindustries.org](http://www.maritimeindustries.org)

## **SSG**

With the aim of making the industry more efficient, safer and more sustainable, SSG gathers industrial knowledge and creates standardised services, as they have been doing since the mid-1950s. With ten committees of approximately 60 working groups and comprising around 500 experts with practical experience from Swedish industry, the organisation creates standardised solutions for common problems, rooted in the daily life of the process industry. The committees continually monitor developments in the community, markets and industries and draft proposals for common standardised solutions to shared problems.

Website: [www.ssg.se](http://www.ssg.se)

## **STI/SPFA**

STI/SPFA is a trade association representing fabricators of steel construction products and their suppliers. Member companies produce steel storage tanks, field erected water tanks, pressure vessels, heat exchangers, pipe and pipelines. Their customers are from the petrochemical, power generation, food, pharmaceutical, fuels, wastewater and water transmission industries. STI/SPFA brings to its members the benefits of association with two internationally respected organisations in the steel fabrication industry – the Steel Tank Institute (1916) and the Steel Plate Fabricators Association (1933), which merged to become STI/SPFA in 2004.

Website: [www.steeltank.com](http://www.steeltank.com)

## **SWISS INOX**

SWISS INOX Information Center for stainless steels is open for membership to all companies in Switzerland or the Principality of Liechtenstein involved in the manufacture, trade, processing and development of stainless steels. SWISS INOX aims to promote the use of stainless steels in all areas. The association offers an extensive collection of publications and material information, as well as advice on individual questions. They also hold training sessions on a variety of topics.

Website: [www.swissinox.ch](http://www.swissinox.ch)

## **Syndicat National de la Chaudronnerie (SNCT)**

The aim of the French National Union of Boilermaking, Piping and Industrial Maintenance, SNCT, is the study and defence of the rights, material and moral interests, collective and individual, of persons covered by its statutes. The organisation's main mission is to represent the boilermaking profession and thus strengthen the weight and influence of companies in respect of their national and international environment. SNCT is the interlocutor of the public authorities, be they the National Administration or the European Commission.

Website: [www.snct.org](http://www.snct.org)

## **Taiwan Association of Machinery Industry (TAMI)**

TAMI began in 1945 under a different name and in recent years has intensively conducted machinery export promotion delegations, as well as trade fairs in domestic and international market places. TAMI helps to increase the competitiveness of its 2,700 company members in the international market place. A multilingual online business platform, TAMINet is geared towards machinery promotion, helping members to offer quotes and providing technical information.

Website: [www.tami.org](http://www.tami.org)

## **The Petroleum Institute**

The Petroleum Institute was created in 2001. It offers first class engineering education and research in areas of significance to the oil and gas and the energy industries in order to support and advance the petroleum and energy industries. The Institute is committed to academic excellence, and to fostering an intellectual environment that leads to the development of graduates as whole persons and as future leaders in their respective fields of expertise in the United Arab Emirates and beyond.

Website: [www.pi.ac.ae](http://www.pi.ac.ae)

## **UK Gasket & Sealing Association**

The UK Gasket & Sealing Association (UKGSA) is a trade association representing the specialised interests of companies engaged in the conversion of materials into gaskets and seals for all types of industrial use. Its role includes, amongst other things, increase and dissemination of knowledge and new developments and facilitating exchange of information and ideas.

Website: [www.gcassociation.co.uk](http://www.gcassociation.co.uk)

## **UNI – Italian National Unification Body**

UNI is a private, non-profit association that has been developing and publishing voluntary technical standards in all industrial, commercial and tertiary sectors for almost 100 years. UNI represents Italy in European and worldwide standardisation organisations to promote harmonisation of rules necessary for the functioning of the single market and supports and transposes the peculiarities of the Italian way of producing in specific techniques that enhance the national experience and tradition.

Website: [www.uni.com](http://www.uni.com)

## **UNM – Union de Normalisation de la Mécanique**

UNM is the sectorial standardisation office of the French standardisation system in the field of mechanical engineering and rubber indu-

## ASSOCIATIONS

stries, operating on behalf of AFNOR. The office provides knowledge of standardisation and the necessary logistics, and ensures that normative documents are published for the benefit of experts. The goal of UNM is to develop and promote standardisation in all its forms in the mechanical engineering and rubber industries to improve the quality and safety of products, taking into account societal and environmental concerns. Website: [www.unm.fr](http://www.unm.fr)

### USPI-NL

Stichting USPI-NL is a formal, non-profit association of process industry companies with the mission to develop, maintain and promote the use of international standards and best practices for product and plant life cycle information. Website: [www.uspi.nl](http://www.uspi.nl)

### Utilities Service Alliance (USA)

USA is a not-for-profit cooperative designed to facilitate collaboration among its member utilities, to work together to reduce operating and maintenance costs, improve safety and performance and provide innovation and leadership within the nuclear power industry. Website: [www.usainc.org](http://www.usainc.org)

### VDMA

VDMA, a German valve manufacturers' association, was founded in 1982, to represent the issues of the mechanical and plant engineering sector in Germany and Europe. Its technical expertise, industry knowledge and straightforward positioning make it a recognised and valued point of contact for companies as well as the general public, science, administration and policy makers. The VDMA represents more than 3200 member companies. Website: [www.vdma.org](http://www.vdma.org)

### VMA – Valve Manufacturers Association of America

Founded in 1938, the VMA represents the interests of North American manufacturers of valves and actuators. Collectively, members account for the majority of the total industrial valve shipments sold out of US and Canadian facilities. VMA is the only organisation exclusively serving US and Canadian manufacturers of industrial valves, actuators and controls. Website: [www.vma.org](http://www.vma.org)

### WIB – Process Automation Users' Association

Founded in 1963, WIB is an international association of end-users of components, systems and IT related items in the process industries, mainly located in the Netherlands and Belgium. Initially formed by a group of 6 members to share efforts and costs to technically evaluate performance measurement and control equipment entering the market, membership has grown to around 40. WIB's activities have evolved to include extensive technical knowledge sharing about technical opportunities and applications, as well as discussions with vendors and authorities on implementation and interpretation of rules and legislation. Website: [www.wib.nl](http://www.wib.nl)

### WWEMA Water and Wastewater Equipment Manufacturers Association

WWEMA is a non-profit trade organization founded in 1908, serving as the voice of water and wastewater solution providers. As a memberdriven organisation, it is made up of many of the most prominent and influential companies in the industry who are working together to advance the interests of their individual businesses as well as the water industry as a whole. Its mission is to inform, educate and provide leadership on issues which affect the worldwide water and wastewater equipment industry. Website: [www.wwema.org](http://www.wwema.org)

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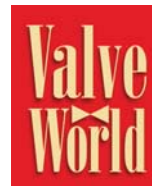
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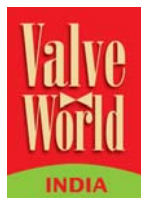
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2018

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Afcon Ningjin Yahua Industries Co., Ltd.	■				■									■		■	■			■		■
ANIX VALVE USA		■			■	■		■						■		■	■	■	■	■		
ASCEND TORQUE Flow Controls Co., Ltd.			■					■			■		■	■	■				■	■		■
Australian Pipeline Valve	■				■				■		■			■	■	■		■	■			■
AW Chesterton Co					■				■		■	■	■	■	■	■		■	■			
Carrara Sealing Global Solutions									■		■		■	■	■	■		■	■	■	■	
Castflow Valves sl	■						■				■								■			■
Changzhou Heighten Automation Equipment Co., Ltd.		■			■				■							■	■	■	■	■	■	■
Chaoda Valves Group Co., Ltd.					■				■		■		■	■	■	■		■	■			
CIRCOR Energy					■	■		■	■				■	■	■	■	■	■	■	■		■
Comeval Valve Systems					■						■			■		■		■		■		■
Control Seal B. V.					■				■				■	■	■	■				■		
CTS Valves					■				■		■		■	■	■	■		■				
DAC Technologies BV					■				■		■	■	■	■	■			■				
Datong Reciprocity Group Co., Ltd.				■					■	■		■	■	■		■	■	■	■			
FBV Inc.,					■				■		■		■	■	■	■		■	■	■		
Global Supply Line Pty Ltd.									■		■		■	■	■			■	■			
Goodwin International					■			■	■		■	■	■	■	■	■	■	■	■	■		
INOX MECC SRL					■								■	■		■		■		■		
INOXYDA						■						■	■	■		■		■		■		
J.D. Jones & Co.(P) Ltd.					■							■	■	■	■	■	■	■	■			■
Kingdom Flow Control Co., Ltd.,					■			■	■		■			■	■	■	■			■		
Lovere Bilbao I., S.L.	■				■			■			■	■	■	■	■	■		■	■			
Maverick Valves B.V.				■	■				■		■		■	■	■	■			■			■
Metso Flow Control Oy.	■				■				■					■		■		■	■			
MRC Global	■		■	■				■	■		■	■	■	■	■	■	■	■	■	■	■	■
NOREVA GmbH					■				■		■	■	■	■	■	■		■		■		

Continued overleaf



All these companies are listed in the Buyers' Guide and in the Phone Directory

Aerospace  
Agriculture / Fertiliser  
Architectural  
Automotive  
Biotechnology  
Chemical  
Defence  
Desalination  
Food & Beverage  
LNG  
Medical  
Mining  
Nuclear  
Offshore  
Oil & Gas  
Onshore  
Petrochemical  
Pharmaceutical  
Power Generation  
Pulp & Paper  
Shipbuilding / Marine  
Waste Incineration  
(Waste) Water

Powell Valves The Wm. Powell Company		■			■	■			■	■		■		■	■	■	■	■	■		■
PRODIM INDUSTRIAL VALVES & AUTOMATION					■			■	■				■	■	■		■		■		■
Rays Flow Control, Inc.					■			■		■		■	■	■	■		■	■			
Soosung Valve - Korea					■			■		■	■	■	■	■			■			■	■
Sedelon Valve Co.,Ltd.					■			■			■	■	■		■		■				■
STI S.r.l.					■			■		■	■	■	■	■		■	■				
Suzhou Antiwear Valve Co., Ltd.		■			■			■	■		■	■	■	■		■	■		■	■	
Suzhou Douson Valve Co., Ltd.					■			■		■		■	■	■		■			■	■	
Trumbull Industries					■	■		■	■		■	■	■		■	■	■	■	■	■	■
Valsteam ADCA Engineering S.A.					■			■		■					■	■	■	■	■	■	■
Velan Inc	■	■			■	■		■	■		■	■	■	■	■	■	■	■	■		
Vinco Valves SA					■			■		■		■	■	■	■				■		■
WUXI FORCE & TORQUE TECHNOLOGY CO., LTD.					■			■	■		■		■		■	■	■		■		■
Xiamen Dervos Valves Industry Co., Ltd.		■			■					■		■	■	■			■		■		
Xuanda Industrial Group Co., Ltd.		■			■				■	■	■	■	■		■		■				

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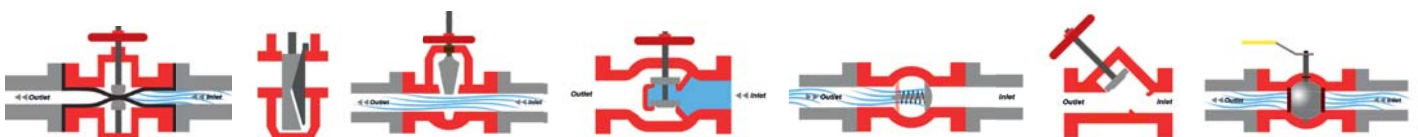
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