



## Plant Maintenance

### Description

### Plant Maintenance

Schedule your actuator maintenance during plant shutdown periods or other convenient times. Our technicians will work around your scheduled downtime to provide a comprehensive preventive maintenance program. This ensures continued reliability of your operators with minimal disruption.

## Retrofit

### Description

### Retrofit

Modernise your plant for increased efficiency, better control, easier operation or improved security of all types of valves or dampers. Matco Asia will visit your site to discuss your requirements and take measurements where necessary. We can also install and commission actuators on site.



## High Pressure Gas Testing

### Description

Matco has developed a state of art testing facility capable of pressure testing valves with the following capacity:

- Hydro testing up to 20,000 psi
- Gas testing up to 6,000 psi with portable blast proof wall
- Test flanges: ASME up 30 inches & API all sizes.
- CCTV camera & Recording Facility

The test bay is provided with 4 CCTV cameras. This allows the customer/inspector to witness the pressure testing from a safe location and record the complete testing for future reference.

## Integrated Valve Automation Packages

### Description

Automated packages specially designed and assembled to efficiently and reliably to suit your control loop requirements. These packages are fitted to your valves and are entirely tested, calibrated and warranted by valve

automation experts. Our exclusive focus is on automation valves - Nothing else!



## Deltrol Fluid Products

### Description

At **Deltrol Fluid Products**, their mission is to create and maintain an image of leadership, quality and integrity with our customers, employees and suppliers. We continually strive to be a world-class manufacturer of cartridge valves, custom manifold systems, and in-line valves.

## BIS

### Description

**BIS** is an internationally recognised company with over 30 years in design and manufacture of a wide range of small bore stainless steel pressure and flow control valves for high pressure liquid and gas. Operating in a variety of sectors to the Offshore Oil and Gas industry for topside, subsea and downhole applications where quality, reliability and safety are critical.





## HLR

### Description

Since **HLR** Controls began in 1975, they have become known world wide as a designer and manufacturer of Pneumatic and Hydraulic instruments acclaimed for reliability and easy maintenance. They offer in-depth documentation to assist everyone from the design engineer to the shop and field technicians.

## Westlock Controls

### Description

**Westlock** Controls has built a global reputation providing innovative solutions for networking, monitoring, and controlling process valves. Products have been developed using the latest technology and are intended to work seamlessly with both on/off and modulating valves and actuators to help improve both performance and safety. As a great percentage of today's automated valves are supplied with standard position feedback monitors, the basic engineering concept for actuator control can now be simplified. Lock in the valve body, Load on the solenoid coil. Through a modular design having only five components (3 valve bodies, 2 coils), a wide range of solenoid valve applications may be readily satisfied within a single integrated assembly.



## Versa

### Description

The **Versa** line of air control valves offers a broad selection of sizes, types, actuators and mountings. The total spectrum of applications for Versa valves, covers a diversity of energy, environmental and high-tech markets including: process control, robotic, packaging, textile, wood, mobile, automotive, printing, tires, oil and gas drilling, and many other industries where reliable, precise control is not only necessary, but vital.

## Mercer Valve Co.

### Description

**Mercer Valve Co.** has been engineering and manufacturing state of the art safety relief valves since 1986. Our patented Auto Seat Technology has placed us at the forefront of today's relief valve industry. Our relief valves' patented Auto Seat Technology (R) will give you an extended seat life, which will allow your valve to open, close, seat and seal hundreds of times, saving you hundreds or thousands of dollars.



## Kinetrol

### Description

Recognising the emerging need for quarter-turn valve and mechanism actuation, **Kinetrol** invented and patented its vane-type rotary pneumatic actuator. They now have many actuator control modules to meet growing demands for more precise and sophisticated process control and monitoring.

## Shafer

### Description

**Shafer's** actuators are used on the piping of compressors, metering and regulating stations, distribution systems or transmission lines, refineries and petrochemical, gasoline and power plants and for certain marine applications primarily in the gas transmission pipeline industry, where reliability is critical.





## EL-O-Matic's

### Description

**EL-O-Matic's** "fit and forget" ideology has helped establish a strong reputation for quality and reliable performance within the world's process industries and industrial applications. Using modular construction with multiple common components, a wide range of combinations can be configured with high quality parts to suit applications across the whole spectrum of industrial processes. Users benefit from easy upgrades, repair, and maintenance with fast delivery from stocking distributors around the globe.

## Dantorque

### Description

**Dantorque a.s.** is an established market leader in the subsea environment and now also in general valve applications. Although specialised in subsea valve actuation, Dantorque a.s. also markets and manufactures a compact range of actuators aimed at general purpose valve applications.



## Dantorque Products

### Description

### Dantorque Products

Dantorque products are noted for being compact, concentric and very reliable. They are also used in a host of general purpose valve applications. For a flash presentation on the Dantorque product line, please click [here](#) or on the flash file link below. Also listed below are our product lines.

- Dantorque Product Flash File
- Dantorque Gear Operator
- Dantorque R-Series Actuator
- Dantorque Subsea Actuator



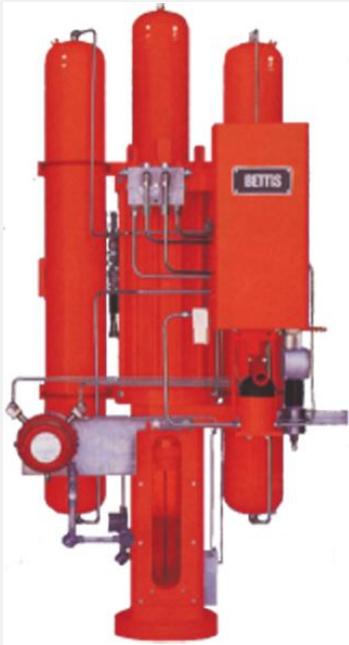
## BHH / BL HYDRAULIC ACTUATORS

### Description

## BHH / BL HYDRAULIC ACTUATORS

A broad line of compact, reliable hydraulic, helical spline quarter-turn and linear actuators for use in rugged environments.

- Has high water ingress protection IP-68
- Double-acting and Spring-return configurations
- Small footprint for use in tight areas
- Adapts and mounts to all types of valves
- Integrated crossover valve



## GAS / HYDRAULIC SERIES

### Description

### GAS / HYDRAULIC SERIES

- Gas / Hydraulic scotch-yoke and linear actuators
- Sour gas trim optional
- Many control system options are available including remote control, high / low shut-off and line-break

## G-SERIES (ROBOTARM II TM)

### Description

#### G-SERIES (ROBOTARM II TM)

- Pneumatic scotch-yoke actuators
- Automates ball, butterfly, plug valves, as well as louvers, dampers and 90-degree rotating mechanisms.

Powr-Swivl TM - compensates for side load deflection, thus reducing wear on rods, bearings and seals which increases cycle life.

Tension-Lok TM - positively locks the spring in place under load, a major safety feature

Acculine TM Shaft Drive - eliminates damage to the switch and positioner sensor bearings due to shaft drive misalignment, helping to ensure classification integrity.



## CBA / CBA 300 SERIES

### Description

#### CBA / CBA 300 SERIES

- Pneumatic scotch-yoke actuators
- Compact and Light-weight for automation virtually any quarter-turn (90-degrees) rotating mechanism

## BETTIS

### Description

Bettis products are used in almost every energy related industry including on and offshore oil and gas transmission, petrochemical and petroleum refining. Others include chemical, power industry including nuclear, pulp and paper, food and beverage, pharmaceutical, textile and water systems.



## Compact Air Management System

### Description

The Versa Modular Air Package is a compact air management system, that will provide a full range of pneumatic accessories and functions to meet the needs of most control systems in the actuator control industry. Major components are shutoff valves, check valves, filter/regulators, speed controls and directional control valves.

Versa's VMAP simplifies the design process by combining all the components of a common circuit, into one integrated assembly. Whether a standard shutoff circuit or an intricate control system, VMAP has the features to meet the requirements of any control project. VMAP will reduce costs, components, engineering, vendors, weight, and save time.

# Valves

## Description

Mercer Valve Co. has been engineering and manufacturing state of the art safety relief valves since 1986. Our patented Auto Seat Technology(R) has placed us at the forefront of today's relief valve industry. Our relief valves' patented Auto Seat Technology(R) will give you an extended seat life, which will allow your valve to open, close, seat and seal hundreds of times, saving you hundreds or thousands of dollars.

Whether it is our deliveries, valve shop or mobile repair, at Mercer we will continue to strive to satisfy our customers with exemplary service. This commitment along with our continuing valve line development will enable us to continue to grow and be an industry leader.



# Kinetrol

## Description

Kinetrol was established as a firm of control engineers in 1958. Initially the company's activities were based on its damping expertise which led to the development of Kinetrol's rotary viscous dashpots for smooth motion control.

Kinetrol later invented and patented its vane-type rotary pneumatic actuator, recognising the emerging need for quarter-turn valve and mechanism actuation.

Since then, the company has added many actuator control modules to meet the growing demand for more precise and sophisticated process control and monitoring. Kinetrol operates from three sites in Farnham, England, and exports at least 70% of sales to countries all over the world.

Kinetrol has full inspection and test facilities and operates a rigorous quality control programme which includes 100% testing of actuators and dashpots before despatch. The company's quality system is approved by the British Standards Institute to ISO 9000. Quality is built into Kinetrol's products by active choice in every part of the company.

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