



**Engineered Packaged Systems**



**Engineered Packaged Systems**

Our Engineered Packaged Systems group bring together equipment, controls and piping fabrication to deliver easy to install skid mounted systems with single source responsibility. From sizing pumps, control valves, and heat exchangers to programming controls, we make sure that all of the equipment, instruments, and controls will seamlessly operate and communicate together.

- Steam Pressure Reducing Stations (PRV's)
- Pump and Heat Exchanger Packages for Building Heat
- Boiler Deaerator Packages with Pumps, Tanks & Integrated Controls
- Boiler Feed, Condensate, and Vacuum Condensate Units
- Domestic Water Booster Pump Systems
- Pre-Piped Pump Packages with Controls and/or VFD's
- ASME Stamped Vessels, Certified Welding, X-Ray Inspection and Heat Treating Capability



**Control Valves**



**Fisher**® [www.emersonprocess.com/Fisher](http://www.emersonprocess.com/Fisher)

- easy-e® - Globe Control Valves – ED, ES, ET and EZ
- Vee-Ball® - Rotary V-Notch Control Valves
- POSI-SEAL® - High Performance Butterfly Valves
- Baumann™ - General Service Control Valves
- Wizard® - Pressure & Temperature Controllers (Pneumatic)
- Level-Trol® - Pneumatic and Electronic Digital Level Controller/Transmitter with Series 249 Displacer
- FIELDVUE® - Smart Microprocessor-based Valve Positioners with Self Diagnostics
- Fisher® - Pneumatic & Electro-Pneumatic Positioners
- Fisher® - Electro- Pneumatic I/P Transducers
- Low Noise Plates - Custom engineered economical solutions for reducing aeodynamic noise
- Inline Silencers and Diffusers



**Remote Automation Solutions**



**Emerson Remote Automation Solutions**

[www.emersonprocess.com/remote](http://www.emersonprocess.com/remote)

- FloBoss™ Flow Manager - Designed for flow measurement
- ROC - Remote Operations Controller - A powerful, flexible RTU that includes features found in flow computers and PLCs, making them ideal for a wide range of applications requiring sophisticated measurement and control
- Bristol ControlWave® - Controller, RTU, PLC, and SCADA Products



## Regulators



### Fisher® Regulators [www.fisherregulators.com](http://www.fisherregulators.com)

- Pressure and Back Pressure Relief Regulators
- Temperature Regulators
- Pilot and Direct Operated
- Steam, Air, Water, Liquids and Natural Gas Applications



## Strainers, Steam Traps, Safety Relief Valves and Regulators



Authorized Distributor

### Spence [www.spenceengineering.com](http://www.spenceengineering.com)

- Strainers
- Industrial Steam Traps
- Safety Relief Valves
- Pressure and Temperature Regulators
- Steam Separators & Steam Filters



## Pumps, Pumping Systems, Tanks, and Accessories



**WEINMAN**  
**burks**  
**DEMING**

### Crane Pumps & Systems [www.cranepumps.com](http://www.cranepumps.com)

- Pumps
  - End Suction (Frame Mounted / Closed Coupled), Inline Vertical, Regenerative Turbine, Self Primers, Split-Case Single-Stage & Multi-Stage / Single or Double Suction, Vertical Column Sump Pumps, Vertical Multistage, Condensate Return Units
- Packaged Pumping Systems
- Tanks
  - Air Separators
  - Expansion Tanks
- Accessories
  - Triple Duty and Balancing Valves
  - Flexible Hose



## Pump Systems



### Lonergan Pump Systems [www.lonergan.com](http://www.lonergan.com)

- Design and Manufacture Fuel Oil Pumping Systems
- Light Oil and Emergency Generator Pump Sets
- Heavy Oil Pump and Heater Sets



## ASME Pressure Vessel Tanks & Custom Fluid Handling Systems



### The John Wood Company [www.johnwood.com](http://www.johnwood.com)

- Carbon Steel ASME Pressure Vessels and Non-Code Tanks
- Bladder Tanks, Chilled Water Buffer Tanks, Flash and Condensate Tanks, Expansion Tanks
- Hydro-Pneumatic Tanks for Potable Water Systems
- Custom Tanks (Tell us about your special requirements)
- Air Separators (With and Without Strainers)
- Glycol Make-up Systems (Simplex & Duplex)
- Chemical Shot Feeders
- Fluid Handling Systems



## Vortex Flow Meters



Authorized Distributor

### Nice Instrumentation [www.niceinstrumentation.com](http://www.niceinstrumentation.com)

- Low Profile Insertion Vortex
- HTIV - Hot Tap Insertion Vortex - NO leak paths into sensors or electronics
- Vortex Plate Inline Wafer Vortex
- Flanged Vortex Plate Inline Vortex



## Pressure Gauges & Temperature Instrumentation



Authorized Distributor

### Trerice [www.trerice.com](http://www.trerice.com)

- Pressure Gauges - Industrial, Process and Utility
- Thermometers - Industrial, Bimetal, Dial & Electronic
- Thermowells
- Diaphragm Seals
- Needle Valves



## Gate, Globe & Check Valves



Authorized Distributor

### Powell Valves [www.powellvalves.com](http://www.powellvalves.com)

- Bronze, Cast Iron and Steel Valves
- Bolted Bonnet Cast Steel Valves
- Corrosion Resistant Valves
- Pressure Seal Cast Steel Valves
- Bevel Gear Actuators



## Ball Valves & Actuators



### Habonim [www.habonim.com](http://www.habonim.com)

- Industrial Quality Full Port and Standard Port Ball Valves
- Flanged, Socket Weld, Butt Weld and Screwed End Connections
- Steam and Thermal Fluid Ball Valves
- Diverter, 3, 4, and 5 Way Ball Valves
- Metal Seated Ball Valves
- Fire Safe Ball Valves
- Manually Operated and Automated Ball Valves



## Ball & Butterfly Valves



### Cameron [www.c-a-m.com](http://www.c-a-m.com)

- WKM - Ball Valves
- WKM DynaCentric High Performance Butterfly Valves
- Demco - Resilient Seated Butterfly Valves



## Severe Service Metal Seated Isolation Valves



### Valvtechnologies [www.valv.com](http://www.valv.com)

- Exclusive Four (4) Year Zero Leakage Warranty on All V1-1 Valves for Steam Service Isolation Applications
- Ball Valves - ANSI Class 150 to 4500, Sizes 1/2" to 36"
- ERV - Electronic Relief Valves - ANSI Class 150 to 4500, Sizes 1/2" to 36"
- 3-Way Ball Valves - ANSI 150 to 4500, Sizes 2" to 8"
- Steam Choke Valves - ANSI 150 to 1500, Sizes 1" to 4"



## Valve Actuators

# BETTIS

### Bettis

- Pneumatic Actuators - Torques up to 1,000,000 in-lb
- Double Acting and Spring Return
- TorqPlus Electric Actuators
- Gas/Hydraulic Actuators



## Valve & Damper Actuators



### EIM

- Electric Multi-Turn and Quarter-Turn Actuators
- Manual Gear Actuators
- High Pressure and Low Pressure Pneumatic/Gas Actuators for Pipeline Applications
- Network Control Systems
- Conventional and Smart/Open Communication Protocols



## Valve Actuators



### Field Q [www.emersonprocess.com/valveautomation](http://www.emersonprocess.com/valveautomation)

- Rack and Pinion Style Pneumatic Actuators
- Double Acting and Spring Return
- Integrated Modular Limit Switches and Solenoid Valves



### Control Associates Support Services

In shop and field services available from Control Associates:

- RTU, PLC, and SCADA Programming, Startup, and Field Services
- Control Panel Fabrication
- Steam PRV Station Panel Fabrication
- Steam PRV Station Tuning, Startup and Repair Services
- VFD Programming, Startup and Field Services
- Control System Data Interfaces to BMS (Building Management Systems)
- Instrument and Control Valve Calibration Services
- Laser Pump Alignment and Startup Services
- Stress Analysis

### Emerson Instrument & Valve Services

- Onsite Control Valve and Regulator Repair Services

