

ELECTRO-HYDRAULIC ACTUATORS FOR INDUSTRIAL APPLICATIONS



Trident Actuator has over 50 years of experience innovating electro-hydraulic actuators for municipalities and companies across North America. Our actuators are built to the highest standards, providing safe operation and control of liquids where failure is not an option. Our actuators are designed and built for specific applications and have been proven in the field with decades of flawless operation in some of the harshest environments.



OIL AND GAS APPLICATIONS

MIDSTREAM

- Pump Station Pressure Control
- Meter Back Pressure and Balance Control
- Terminal Inlet Pressure Control
- Pump Recycle / Min. Flow Control
- Well Head Shut Down
- Extraction Well

DOWNSTREAM

- Separator Level Control
- Water / Steam Injection
- Blow-off Valve / Snort Valves
- Flue Gas Valves
- ESDV's / EIV's
- IDF, FDF Damper Control
- Fluid Catalytic Cracker Valves
- Wet Gas Compressor Control
- Overhead Pressure Letdown
- Spent and Regenerated Catalyst Slide Valves



ROTATING EQUIPMENT

- Steam Turbine Governors
- Steam Turbine Pilot Valves
- Steam Turbine Extraction
- Inlet Guide Vane Control
- Compressor Antisurge / Recycle
- Water / Steam Injection Valves
- Fuel Gas Valves
- Fuel Oil Valves
- Gas Turbine Inlet Bleed Heat
- Scoop Tubes

A Trident Actuator works on any application that controls the flow of fluids. Find out how they can satisfy the needs of your applications.



POWER GENERATION APPLICATIONS

COMBINED CYCLE

- Sky Valve Control
- Turbine Bypass Systems / Hot Reheat
- Valves
- Feedwater Control
- Feedwater Recirculation Valves
- Superheat / Reheat Spray Valves

GEO THERMAL

- Well Head Control
- Hotwell Level Control
- Separator Level Control

COAL-FIRED POWER

- FD/ID Damper Drives
- Air Damper Drives
- Burner Tilts Nozzle Control
- Sootblower Header Control
- Critical Start Up Valves
- Main Steam Drain Valves



METALS & MINING APPLICATIONS

MINING

- Flotation Cell Pulp Level Control
- Clave Inlet / Discharge Isolation
- Clave Pressure Letdown
- ILS Pump Station Flow Control
- Acid Flow Control for Leaching
- Cement Kiln Feed Control

METALS

- Coke Oven Collection Main
- Recycle Gas Pressure
- BFG Pressure to Boiler Control
- Mixed Gas Pressure
- Blast Furnace Wind Turbo Blower Speed Control
- Reheat Furnace Pressure Control



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