



The global leader in customized valve automation

ATI is pleased to offer our customers the proven and patented pipeline technology that the flow control industry knows as Gevalco.



ELECTRO-HYDRAULIC CONTROL SYSTEMS

GENERAL DESCRIPTION

ATI Electro-Hydraulic Control Systems are completely self-contained, designed to operate hydraulic actuators and can provide a power reserve via a charged accumulator when the primary power source is lost.

- **Operating Temperature:** -40 °C to 50 °C
- **Operating Pressure:** Designed for pressures up to 5000 psi
- **Hydraulic displacement:** Actuator oil volumes up to 50 gallons
- **Interface:** Can provide hydraulic power to power quarter turn and linear actuators such as double acting, spring return retract, and spring return extend actuators
- **Electrical Power:** Any available power or solar
- **Stroke times (open to close):** 30 seconds to 3 minutes. Times vary depending if an accumulator is used to stroke actuator.
- **Emergency Shut Down:** Fail close or Fail open on linear spring return and double acting actuators or fail in place for double acting actuators
- **Hazardous Area:** Designed up to Class I Division 1/Zone 1 or Zone 1 with FM, UL, ATEX or IEC system approvals as needed
- **Mounting:** Power unit and controls inside a NEMA 4 enclosure. For larger EH Control Systems or Systems in a higher level of hazardous area, power unit can be skid mounted with controls inside an enclosure near power unit

CONTACT US

ATI - Global Headquarters

21225 FM 529
Cypress, TX 77433
713-934-0171

US Toll Free

800-924-8037

UK Sales Office

3 Piccadilly Place
Ground Floor
Manchester UK M1 3BN
+44 61 242 1309

Email:

sales@atiactuators.com

ADVANTAGES:

- Drives linear, quarter-turn or multi-turn valve actuators
- Self-contained
- Smaller, lighter and less expensive for operating larger valves
- Can be powered by AC, DC or solar
- Can be provided in spring-return or double-acting configurations
- Can be designed up to up to Class 1 Division 1/Zone 1 or Zone 1 hazardous areas

INDUSTRY STANDARDS:

- Units designed to International Society of Automation Standard on Self Contained Electro-Hydraulics: **ISA 96.06.01**
- Designed for hazardous areas up to Class I Division 1/Zone 1 or Zone 1 with FM, UL, ATEX or IEC system certification approvals as needed

