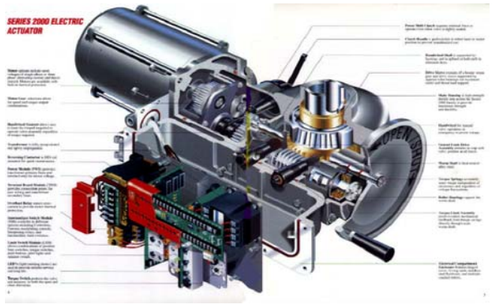
Other ***Power Drive***® Products

Electric ***Power Drive***



Include such standard features as limit switches, manual overrides and a variety of various voltages.

Electro-Hydraulic ***Power Drive***

Is a closed loop self contained unit. Available in both rotary and linear

Some of the control schemes of the *Power Drive* are: Base or direct mount; positioners with or without transmitters; manual override; pneumatic and or electronic "fail freeze" devices; and limit switches.

Contact your ***Power Drive*** representative for more information.

Represented by:

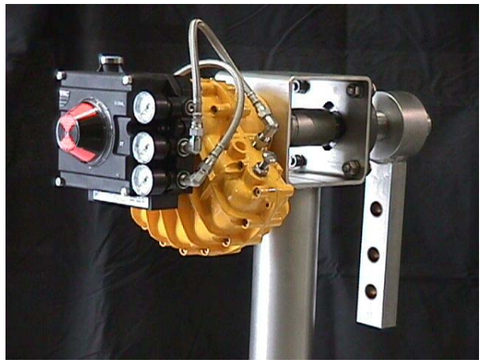
Trivaco Manufacturing & Services, Inc.

The Pneumatic ***Power Drive***®

The Solution for Controlling Dampers and Valves

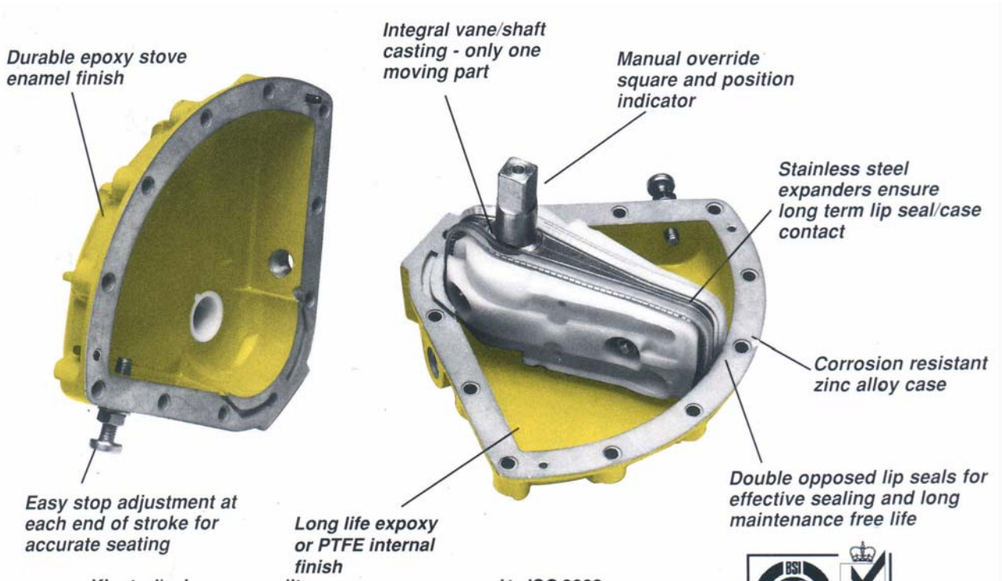
The ***Power Drive***® is Designed to Provide Accurate Control and a Long Life Performance.

Power Drive® Features



- The mounting hardware, support column, and lever arm are made from carbon steel or stainless steel.
- The drive shaft is stainless steel and is supported by flanged ball bearings.
- The lever arm is infinitely adjustable, both radialy and axially.
- Teflon tubing is shielded with braided stainless steel. The fittings are stainless steel.
- Field retrofits are designed to match the critical dimensions of the old drive unit. Remove the old unit, bolt in and connect the ***Power Drive.***
- The control characteristic has superior positioning accuracy, typically within ¼ % of supply signal.
- Torque output up to 14,000 ft-lbs.

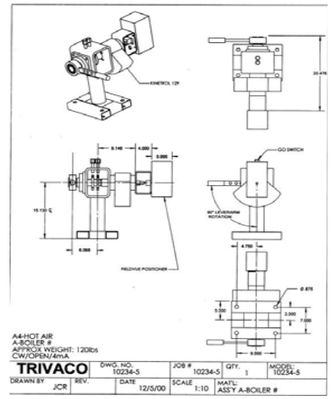
The Force behind the *Power Drive*®



Kinetrol's rigorous quality programme, approved to ISO 9002, ensures that each unit is manufactured to high standards. Every actuator is tested before leaving the factory.

Certificate No. FM 22163

Power Drive® Design



The ***Power Drive*** design assures high quality and structural soundness.

Lower torque output units utilize a stand design, while large units have a frame design.

Each design is modeled in a 3D modeling program.

The stainless steel drive shaft is supported by bearings, to prevent actuator side loading.

The lever arm position is infinitely adjustable through the use of the shaft locking device.

The design of the field retrofit unit ensures exact interchangeability with the unit being replaced.

This design significantly simplifies the change out. Merely unbolt and disconnect the linkage and power of the old unit, inspect the linkage for reuse, then simply install the new ***Power Drive.***

The floorstand/frame is carbon steel powder coated; an option of stainless steel is available.

The Lever Arm is ***infinitely adjustable.***

Flanged ball bearings support the drive shaft.

The Lever Arm locking device allows infinite adjustment.

Teflon tubing stainless steel braided with stainless steel fittings and bleed valves

The ***Power Drive*** is designed, manufactured, assembled and tested in our Loveland, Ohio facility.

After the shop receives the design drawings the parts are machined to the required dimensions, holding the design tolerances.

During the assembly process each part is fit checked to ensure proper performance.

Once assembled any mechanical stops are adjusted, limit switches are set, positioners and transmitters are calibrated.