Industrial Air Spring Application  •  Actuation

Air springs have successfully solved actuating problems, at a reduced cost, in many applications including:

- Injection or ejection of parts in manufacturing processes
- Tensioning devices for cables, calendar rolls and conveyors
- Force devices for die cutting and stamping
- Positioning devices in manufacturing processes
- Clamping devices for wood gluers, etc.
- Vertical lift force for platforms and for rotation tables
- Rotary shaft actuators
- Double acting actuators for stitching machines
- Drain valve actuators
- Actuation to engage and disengage power on powered roller conveyors
- Power source in direct-acting forming press (metal and plastics)
- Power source in compactors
- Power source in laminating plywood presses
- Granite slab positioners
- Pallet lifts
- Lift actuators for diagnostic tables in hospitals
- Reciprocating shaft seal
- Underwater actuator for gate controls
- Lumber positioner actuators in sawmills
- Actuators for concrete block machinery
- Directional-change actuators in roller conveying systems
- Actuators for flask lifts on foundry shake-outs
- Actuators on bottle and carton filling machines
- Bin-tilting actuators (for ease of access)
- Actuators on transfer tables
- Actuators in sand blast rooms
- Actuators in glass grinding rooms
- Industrial laundry equipment actuators
- Energy storage device actuators
- Can forming actuators (beverage and fuel industries)
- Car/truck front end alignment rack actuators