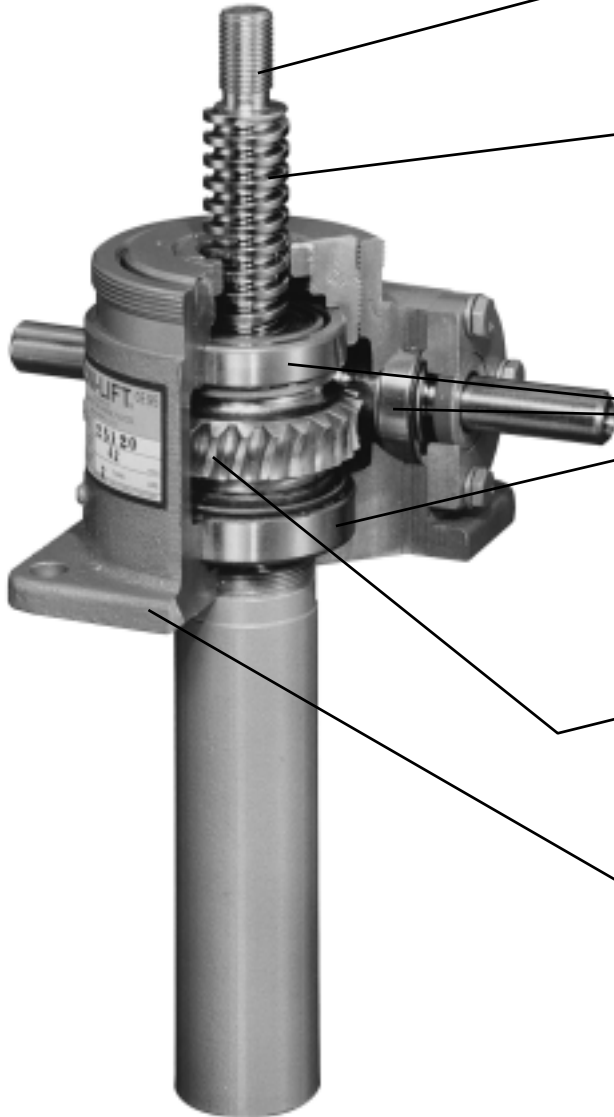


J-Series machine screw actuators are available in 1/4 ton through 40 ton capacities.



### "V" Threaded Screw End

- Easy mounting of optional screw end accessories, insures better alignment.



Clevis



Top Plate

### High Strength Rolled Formed Thread Load Screws

- Provides minimum friction for smooth operation and longer life from a work hardened surface.
- Self locking design provides positive positioning, and no back driving.
- Minimal axial backlash with Class 3 fit.

### Tapered Roller Bearings

- Preloaded for high thrust loads and side loading in horizontal applications.
- Maintains gear alignment under separating and thrust forces from gearing.
- Bearings sized for tough loading conditions.

### High Efficiency Gearing

- Precision formed gears manufactured to close tolerance with minimum backlash, usually less than 1°.
- Large gear centers for longer life and higher efficiencies. (Approaching 50%.)
- Higher allowable input speeds for faster cycles.

### Rugged Housings

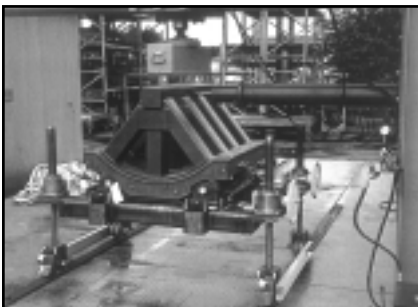
- Ductile iron on the larger J1 to J100 models.
- Smaller J3/4 housings are made of a lightweight, high strength aluminum alloy.
- Lower closed heights save space and weight.

### Superior Performance

- Uni-Lift actuators provide design integrity and reliability for heavy duty jobs where precision is important. For lighter loads, Uni-Lifts often satisfy the requirements of higher velocity applications that would otherwise require more expensive ball screw actuators.

### Synchronized Travel

- Uni-Lift actuators can be arranged in systems to provide synchronized travel when driven from a common source.



Structure and actuators are tested with an induced side load on top of the primary load. Each hand cranked Uni-Lift controls a corner of the assembly cart.



Motorized Uni-Lift pushes and pulls 10,000 lbs. of material in and out of a heat treatment oven. High worm ratio eliminates the need for external gear reducer.