



## Screw Jack, Coupling, Crank Handle, Linking Bar For Hand Crank Table Lift Mechanism

Hand crank table lift mechanism configurations include jack screw mechanisms, cast iron crank handles, couplings, linking bar, solid hardwood top with metal trim or steel top, steel frames, guides, and drawer options.

### Hand Crank Table Lift Mechanism Picture

Website: <http://www.screw-jack.com/hand-crank-table-lift-mechanism.html>



[www.screw-jack.com](http://www.screw-jack.com)

### Jack Screw Lift Mechanism Picture

Website: <http://www.screw-jack.com/jtw-worm-screw-jack/>



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### Jaw Couplings Picture

Website: <http://www.screw-jack.com/flexible-jaw-coupling.html>



[www.screw-jack.com](http://www.screw-jack.com)

### Pillow Block Bearing Picture

Website: <http://www.screw-jack.com/pillow-block-bearing.html>



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## Screw Jack, Coupling, Crank Handle, Linking Bar For Hand Crank Table Lift Mechanism

### Hand Wheel Picture

Website: <http://www.screw-jack.com/hand-wheel.html>



[www.screw-jack.com](http://www.screw-jack.com)

### Linking Bar / Shaft Picture

Website: <http://www.screw-jack.com/connecting-shafts.html>



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We only supply a complete lifting solutions like jack screw mechanisms, cast iron crank handles, couplings and connecting shafts. Following your design technical parameters like table sizes, loads, lift height etc, our engineers will select the correct models of above products. At present, we offered 1 ton jack screw mechanisms, 2 ton jack screw mechanisms, 3 ton jack screw mechanisms and 5 ton jack screw mechanisms for table building customers.

We supply screw jack with self lock acme screw, no need brake mechanism or others locking system, and also precisely positioning.

All screw jacks lift height (stroke) is processed following your requirements. No finished lifting screw, following your required lift height, we will calculate the lifting screw total length, then start to produce the lifting screw to match the corresponding jack.

Screw jacks have uniform travel speed features. Normally, each model of screw jacks has two gear reduction ratios, they are H high speed and L low speed. High speed travels about 1mm per revolution of hand wheel, low speed travels about 0.25mm per revolution of hand wheel. So the table lift height equal to the turns multiply by the travels per revolution.

The guiding support is recommended. Because screw jacks are designed primarily to raise and lower axial loads and any side loads should be avoided. The jacks will withstand some side loads, depending on the diameter of the lifting screw and the extended length of the lifting screw. For most of table sizes is not small, when put the loads on the table, the loads is not uniform on the lifting screw, where side loads are present, the loads should be guided and the guides, rather than the screw jacks, should take the side loads - particularly when long raises are involved. Even a small side load on the table, which can exert great force on the screw jacks housings and bearings and increase the operating torque and reduce the life expectancy.

### **“JACTON” Other Series Products**

Worm Gear Screw Jacks, Ball Screw Jacks, Machine Screw Jacks, Bevel Gear Screw Jacks, Acme Screw Jacks, Screw Lift Mechanism, Mechanical Actuators, Bronze Travelling Nut Screw Jacks, Rotating Screw Jacks, Spiral Bevel Gear Boxes, Right Angle Gearboxes, 90 Degree Gear Drive, Screw Jack Systems, Flexible Jaw Coupling, Worm Gear Speed Reducer, Solar Linear Actuators, Sluice Gate Lifting Jack, Ball Joint Rod End Bearing, Digital Position Indicator, Swivel Mounting Bracket, Pillow Block Bearing, Helical Gear Motor, Helical Gear Reducer, Electric Motor, Hand Wheel, Connecting Shafts, Bellows Boot, Limit Switches, Planetary Speed Reducer, Hydraulic Cylinder Rod End Bearing, Frequency Inverter, 24V DC Motor, 24V DC Motor Gear Reducer, High Precision Planetary Gearbox.

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