JTD Series
Cubic Ball Screw Jack
Contents

Introduction............................................................................................................. 3

Order Code.............................................................................................................. 4 - 7

General Technical Data........................................................................................... 8

Performance Tables................................................................................................ 9 - 12

Assembly Drawing Dimensions............................................................................. 13 - 16

Configuration of Screw Jack System.................................................................... 17 - 22

About Us.................................................................................................................. 23 - 25

Contact Us............................................................................................................... 26
Introduction

Jacton cubic design JTD series cubic ball screw jack (also known as a cubic worm gear ball screw jacks, a cubic high speed ball screw jack, a cubic motorized ball screw jack, a cubic electric ball screw jacks or a cubic manual ball screw jack) have the greater efficiency and rolling action, the ball screw can operate at higher speeds or increased duty cycle when compared with the machine screw jack. The addition of a high efficiency ball screw and nut reduces the required input torque. Required input torque to approximately one-third the torque required for the machine screw jack.

The JTD series cubic ball screw jack are available in 4 sizes from JTD10 to JTD100, each with a translating screw version (translating ball screw jacks), anti-rotation screw version (anti-rotation ball screw jacks) and a rotating screw version (rotating ball screw jacks) which, depending on the size, start from a load capacity of 10 kN and can lift up to 60 kN. Worm screw is rotated by a hand wheel (manual ball screw jack) or by a motor (electric ball screw jack). The JTD series cubic ball screw jack can be applied either individually use or combined into a exactly synchronized lifting system, linked by connecting shafts, bevel gear boxes, c-face motor adapters, limit switches, geared motor and couplings etc. Can be used as alternatives to hydraulic and pneumatic systems.

The JTD series cubic ball screw jack incorporates a heat treatment standard C45 steel worm (input shaft) which drives a high strength bronze worm gear. The worm (input shaft) is supported on anti-friction deep groove ball bearings with external seals provided to prevent loss of lubrication. Lubrication with synthetic grease ep2 lithium grease. The bronze worm gear is supported on anti-friction ball thrust bearings. Rotation of the bronze worm gear causes the lifting ball screw to translate or rotate, depending upon jack configuration. The jack housing is made of ductile iron and proportioned to support the rate capacity of the unit. The lifting ball screw and nut made from hardened alloy steel with hardened bearing balls carrying the load between nut and screw.

Upright and inverted type JTD series cubic ball screw jack. Standard ball screw end types such as I=top plate (fixing flange), II=clevis end (pivot bearing end), III=plain end, IV=threaded end, VI=fork end, VII=rod end. Accessories includes couplings, Universal joints, Telescopic universal joints, Connecting shafts, Hand wheels, Pillow blocks, Flange blocks, Rod ends, Linear guides and bearings, Telescopic spring covers, Bellows boot, Protection tubes, Trunnion adapter plates and trunnion mounting brackets, Motor flanges, Worm gear speed reducers, Helical gear reducers, Single phase or three phase induction motors, Stepper motors, Servo motors, DC geared motors, Rotary encoders, Travel limit switches, Frequency inverters, Position indicators, Stop nuts, Travel nuts and Safety nuts.
Order Code

JTD100 - US - 500 - H - II - C - PP

1. Sizes
JTD10, JTD25, JTD50, JTD100

2. Configuration and Designs
US = Upright Translating Screw Design
UK = Upright Anti-Rotation Screw Design
UR = Upright Rotating Screw Design
IS = Inverted Translating Screw Design
IK = Inverted Anti-Rotation Screw Design
IR = Inverted Rotating Screw Design

Note: The ball screw of a translating screw design jack must be attached to the load (guided) which prevents the ball screw from rotating. Add linear guides, rails or rolls are recommended.

Note: If your application involves a load which is unattached, unguided or the load is free to rotate and not translate, then a anti-rotation screw design jack are required to prevent ball screw rotation. For ball screw jack with anti-rotation device which are supplied with a square nut on the lifting ball screw's end, inside a square cover pipe.

3. Stroke (mm)
There are no standard travel length and all JTD series cubic ball screw jack travel length are built with customers required.

Note: If compressive loads, must consider the ball screw permissible buckling load.
### 4. Gear Ratios

<table>
<thead>
<tr>
<th>Model</th>
<th>High Ratio</th>
<th>Eff. %</th>
<th>Travel (mm), Per Turn of Input Shaft</th>
<th>Slow Ratio</th>
<th>Eff.%</th>
<th>Travel (mm), Per Turn of Input Shaft</th>
</tr>
</thead>
<tbody>
<tr>
<td>JTD10</td>
<td>5:1</td>
<td>59</td>
<td>1.00</td>
<td>20:1</td>
<td>42</td>
<td>0.25</td>
</tr>
<tr>
<td>JTD25</td>
<td>6:1</td>
<td>58</td>
<td>0.83</td>
<td>24:1</td>
<td>39</td>
<td>0.21</td>
</tr>
<tr>
<td>JTD50</td>
<td>7:1</td>
<td>59</td>
<td>1.43</td>
<td>28:1</td>
<td>39</td>
<td>0.36</td>
</tr>
<tr>
<td>JTD100</td>
<td>8:1</td>
<td>58</td>
<td>1.25</td>
<td>32:1</td>
<td>38</td>
<td>0.31</td>
</tr>
</tbody>
</table>

### 5. Screw End Conditions

Standard ball screw end conditions include I=top plate, II=clevis end, III=plain end, IV=threaded end, VI=fork end, VII=rod end, and no screw end with full threads ball screw.
6. Worm (Input Shaft) Types & Motor Flange Input Types

A=Left side shaft  
B=Right side shaft  
C=Double input shaft

M1= Left side shaft, Right side motor flange
M2= Right side motor flange
M3= Right side shaft, Left side motor flange
M4= Left side motor flange

Note: Motor flange input types, if need to purchase the motor from us, your purchase orders must be marked. Otherwise, we only sale screw jack with motor flange.
7. Screw Jack Accessories

JTD series cubic ball screw jack with a comprehensive range of accessories like FC=Flex couplings, UJ=Universal joints, TUJ=Telescopic universal joints, CS=Connecting shafts, HW=Hand wheels, PB=Pillow blocks, FB=Flange blocks, RE=Rod ends, LSB=Linear shafts and bearings, LGB=Linear guides and bearings, TSC=Telescopic spring covers, BB=Bellows boot, PP=Protection tubes, TAP=Trunnion adapter plates, TMB=Trunnion mounting brackets, MF=Motor flanges, WGR=Worm gear speed reducers, HGR=Helical gear reducers, EM=Single phase or three phase induction motors, STM=Stepper motors, SEM=Servo motors, DCGM=DC geared motors, REN=Rotary encoders, LS=Travel limit switches, FIN=Frequency inverters, PIN=Position indicators, SN=Stop nuts, TN=Travel nuts, SNU=Safety nuts.
### General Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>JTD10</th>
<th>JTD25</th>
<th>JTD50</th>
<th>JTD100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Static loads (kN)</td>
<td>10</td>
<td>20</td>
<td>50</td>
<td>60</td>
</tr>
<tr>
<td>Screw sizes (mm)</td>
<td>20x5</td>
<td>32x5</td>
<td>40x10</td>
<td>50x10</td>
</tr>
<tr>
<td>Gear ratio-H</td>
<td>5:1</td>
<td>6:1</td>
<td>7:1</td>
<td>8:1</td>
</tr>
<tr>
<td>Travel (mm), per turn of input shaft-H</td>
<td>1.00</td>
<td>0.83</td>
<td>1.43</td>
<td>1.25</td>
</tr>
<tr>
<td>Eff. %-H</td>
<td>59</td>
<td>58</td>
<td>59</td>
<td>58</td>
</tr>
<tr>
<td>Gear ratio-L</td>
<td>20:1</td>
<td>24:1</td>
<td>28:1</td>
<td>32:1</td>
</tr>
<tr>
<td>Travel (mm), per turn of input shaft-L</td>
<td>0.25</td>
<td>0.21</td>
<td>0.36</td>
<td>0.31</td>
</tr>
<tr>
<td>Eff. %-L</td>
<td>42</td>
<td>39</td>
<td>39</td>
<td>39</td>
</tr>
</tbody>
</table>

Housing Materials: Ductile Iron

| Weight without stroke (kg) | 6 | 9.5 | 23 | 38 |
| Weight of screw (kg), per 100mm stroke + 100mm protective tube | 0.5 | 0.8 | 1.6 | 2.5 |

H: High Ratio, L: Slow Ratio
### Performance Tables

**JTD10 – 20x5**

<table>
<thead>
<tr>
<th>Input Speed (RPM)</th>
<th>Lifting Speed (MM/MIN)</th>
<th>F=10 kN</th>
<th>F=8 kN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>H</td>
<td>L</td>
</tr>
<tr>
<td>1400</td>
<td>1400</td>
<td>3.37</td>
<td>0.49</td>
</tr>
<tr>
<td>900</td>
<td>900</td>
<td>3.62</td>
<td>0.34</td>
</tr>
<tr>
<td>700</td>
<td>700</td>
<td>3.75</td>
<td>0.28</td>
</tr>
<tr>
<td>500</td>
<td>500</td>
<td>3.98</td>
<td>0.21</td>
</tr>
<tr>
<td>300</td>
<td>300</td>
<td>4.14</td>
<td>0.13</td>
</tr>
<tr>
<td>100</td>
<td>100</td>
<td>4.42</td>
<td>0.05</td>
</tr>
<tr>
<td>50</td>
<td>50</td>
<td>4.63</td>
<td>0.02</td>
</tr>
</tbody>
</table>

1. Conditions: within 20% running time/60 minutes or within 30% running time/10 minutes, 20°C ambient temperature. Maximum allowable input power (high ratio) 0.57kw, maximum allowable input power (slow ratio) 0.27kw.

2. Note: When your selection is exceed the maximum input power, the operational restrictions due to thermal limits. you will need to choose the bigger size screw jacks in order to allow effective heat dissipation.

3. H=high ratio 5:1 (1mm stroke for one input turn), L=slow ratio 20:1 (0.25mm stroke for one input turn).

4. Nm=input torque required, kW=input power required.

5. Selection of screw jacks using above figures should only be carried out in consultation with Jacton engineers.
JTD25 – 32x5

<table>
<thead>
<tr>
<th>Input Speed (RPM)</th>
<th>Lifting Speed (MM/MIN)</th>
<th>F=20 kN</th>
<th></th>
<th></th>
<th>F=15 kN</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>H</td>
<td>L</td>
<td>H</td>
<td>L</td>
<td>H</td>
<td>L</td>
</tr>
<tr>
<td>1400</td>
<td>291.7</td>
<td>4.56</td>
<td>0.67</td>
<td>1.69</td>
<td>0.25</td>
<td>3.42</td>
<td>0.50</td>
</tr>
<tr>
<td>900</td>
<td>187.5</td>
<td>4.80</td>
<td>0.45</td>
<td>1.74</td>
<td>0.16</td>
<td>3.60</td>
<td>0.34</td>
</tr>
<tr>
<td>700</td>
<td>145.8</td>
<td>4.99</td>
<td>0.37</td>
<td>1.79</td>
<td>0.13</td>
<td>3.74</td>
<td>0.27</td>
</tr>
<tr>
<td>500</td>
<td>104.2</td>
<td>5.28</td>
<td>0.28</td>
<td>1.83</td>
<td>0.10</td>
<td>3.96</td>
<td>0.21</td>
</tr>
<tr>
<td>300</td>
<td>62.5</td>
<td>5.50</td>
<td>0.17</td>
<td>2.00</td>
<td>0.06</td>
<td>4.13</td>
<td>0.13</td>
</tr>
<tr>
<td>100</td>
<td>20.8</td>
<td>5.87</td>
<td>0.06</td>
<td>2.20</td>
<td>0.02</td>
<td>4.40</td>
<td>0.05</td>
</tr>
<tr>
<td>50</td>
<td>10.4</td>
<td>6.14</td>
<td>0.03</td>
<td>2.36</td>
<td>0.01</td>
<td>4.61</td>
<td>0.02</td>
</tr>
</tbody>
</table>

1. Conditions: within 20% running time/60 minutes or within 30% running time/10 minutes, 20 °C ambient temperature. Maximum allowable input power (high ratio) 1.14kw, maximum allowable input power (slow ratio) 0.55kw.
2. Note: When your selection is exceed the maximum input power, the operational restrictions due to thermal limits. you will need to choose the bigger size screw jacks in order to allow effective heat dissipation.
3. H=high ratio 6:1 (0.83mm stroke for one input turn), L=slow ratio 24:1 (0.21mm stroke for one input turn).
4. Nm=input torque required, kW=input power required.
5. Selection of screw jacks using above figures should only be carried out in consultation with Jacton engineers.
## JTD50 – 40x10

<table>
<thead>
<tr>
<th>Input Speed (RPM)</th>
<th>Lifting Speed (MM/MIN)</th>
<th>F=50 kN</th>
<th></th>
<th>F=35 kN</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>H</td>
<td>L</td>
<td>H</td>
<td>L</td>
</tr>
<tr>
<td>1400</td>
<td>2000.0, 500.0</td>
<td>19.29</td>
<td>2.83</td>
<td>7.30</td>
<td>1.07</td>
</tr>
<tr>
<td>900</td>
<td>1285.7, 321.4</td>
<td>20.69</td>
<td>1.95</td>
<td>7.49</td>
<td>0.71</td>
</tr>
<tr>
<td>700</td>
<td>1000.0, 250.0</td>
<td>21.47</td>
<td>1.36</td>
<td>7.69</td>
<td>0.56</td>
</tr>
<tr>
<td>500</td>
<td>714.3, 178.6</td>
<td>22.76</td>
<td>1.19</td>
<td>7.90</td>
<td>0.41</td>
</tr>
<tr>
<td>300</td>
<td>428.6, 107.1</td>
<td>23.71</td>
<td>0.74</td>
<td>8.62</td>
<td>0.27</td>
</tr>
<tr>
<td>100</td>
<td>142.9, 35.7</td>
<td>25.29</td>
<td>0.26</td>
<td>9.48</td>
<td>0.10</td>
</tr>
<tr>
<td>50</td>
<td>71.4, 17.9</td>
<td>26.47</td>
<td>0.14</td>
<td>10.16</td>
<td>0.05</td>
</tr>
</tbody>
</table>

1. Conditions: within 20% running time/60 minutes or within 30% running time/10 minutes, 20°C ambient temperature. Maximum allowable input power (high ratio) 2.2kw, maximum allowable input power (slow ratio) 1.1kw.

2. Note: The dark gray figures in the tables indicates operational restrictions due to thermal limits. Selection of screw jacks using these figures should only be carried out in consultation with our engineers. When your selection is made within the areas shaded dark gray, you will need to reduce duty cycle or choose the bigger size screw jack in order to allow effective heat dissipation.

3. H=high ratio 7:1 (1.43mm stroke for one input turn), L=slow ratio 28:1 (0.36mm stroke for one input turn).

4. Nm=input torque required, kW=input power required.

5. Selection of screw jacks using above figures should only be carried out in consultation with Jacton engineers.
### JTD100 – 50x10

<table>
<thead>
<tr>
<th>Input Speed (RPM)</th>
<th>Lifting Speed (MM/MIN)</th>
<th>F=80 kN</th>
<th>F=60 kN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>H</td>
<td>L</td>
</tr>
<tr>
<td>1400</td>
<td>1750.0</td>
<td>437.5</td>
<td>27.44</td>
</tr>
<tr>
<td>900</td>
<td>1125.0</td>
<td>281.3</td>
<td>28.94</td>
</tr>
<tr>
<td>700</td>
<td>875.0</td>
<td>218.8</td>
<td>30.03</td>
</tr>
<tr>
<td>500</td>
<td>625.0</td>
<td>156.3</td>
<td>31.83</td>
</tr>
<tr>
<td>300</td>
<td>375.0</td>
<td>93.8</td>
<td>33.16</td>
</tr>
<tr>
<td>100</td>
<td>125.0</td>
<td>31.3</td>
<td>35.37</td>
</tr>
<tr>
<td>50</td>
<td>62.5</td>
<td>15.6</td>
<td>37.02</td>
</tr>
</tbody>
</table>

1. Conditions: within 20% running time/60 minutes or within 30% running time/10 minutes, 20 °C ambient temperature. Maximum allowable input power (high ratio) 2.5kw, maximum allowable input power (slow ratio) 1.5kw.

2. Note: The dark gray figures in the tables indicates operational restrictions due to thermal limits. Selection of screw jacks using these figures should only be carried out in consultation with our engineers. When your selection is made within the areas shaded dark gray, you will need to reduce duty cycle or choose the bigger size screw jack in order to allow effective heat dissipation.

3. H=high ratio 8:1 (1.25mm stroke for one input turn), L=slow ratio 32:1 (0.3125mm stroke for one input turn).

4. Nm=input torque required, kW=input power required.

5. Selection of screw jacks using above figures should only be carried out in consultation with Jacston engineers.
Assembly Drawing Dimensions

JTD10 – 20x5

Note: dimensions are subject to change without notice.

1. This dimension refers to the closed height and represents a minimum. It must be increased if bellows and boots are used.

2. About 2D Autocad dwg, dxf assembly drawing dimensions, and 3D stp, step, model, igs, prt or catpart assembly drawings, please contact Jacton sales engineers directly.
JTD25 – 32x5

Note: dimensions are subject to change without notice.

1. This dimension refers to the closed height and represents a minimum. It must be increased if bellows and boots are used.

2. About 2D Autocad dwg, dxf assembly drawing dimensions, and 3D stp, step, model, igs, prt or catpart assembly drawings, please contact Jacton sales engineers directly.
Note: dimensions are subject to change without notice.

1. This dimension refers to the closed height and represents a minimum. It must be increased if bellows and boots are used.

2. About 2D Autocad dwg, dxf assembly drawing dimensions, and 3D stp, step, model, igs, prt or catpart assembly drawings, please contact Jacton sales engineers directly.
1. This dimension refers to the closed height and represents a minimum. It must be increased if bellows and boots are used.

2. About 2D Autocad dwg, dxf assembly drawing dimensions, and 3D stp, step, model, igs, prt or catpart assembly drawings, please contact Jacton sales engineers directly.
Two Screw Jacks – Lifting System Configuration:

* **I** - Configuration: two screw jacks arrangement, three flexible couplings, one connecting shaft, one motor or one handwheel.

* **L** - Configuration: two screw jacks arrangement, one 3 way bevel gearbox, four flexible couplings, one connecting shaft, one motor or one handwheel.

* **T** - Configuration: two screw jacks arrangement, one 3 way bevel gearbox, five flexible couplings, two connecting shafts, one motor or one handwheel.

* **TI** - Configuration: two screw jacks arrangement, one 3 way bevel gearbox, five flexible couplings, two connecting shafts, one motor or one handwheel.

Note: when connecting shafts length is exceed maximum distance of between supports, pillow blocks are required.

Note: 2-jacks lifting systems efficiency 95%. When calculations, don't ignore bevel gearbox efficiency 94%, helical gearmotors efficiency 94%, idling torque etc…
Three Screw Jacks – Lifting System Configuration:

* I: three jacks, five couplings, two connecting shafts, one motor.
* L: three jacks, one bevel gearbox, six couplings, two connecting shafts, one motor.
* T: three jacks, one bevel gearbox, six couplings, two connecting shafts, one motor.
* TL: three jacks, one bevel gearbox, six couplings, two connecting shafts, one motor.
* TI: three jacks, one bevel gearbox, seven couplings, three connecting shafts, one motor.
* TT: three jacks, two bevel gearboxes, nine couplings, four connecting shafts, one motor.

Note: when connecting shafts length is exceed maximum distance of between supports, pillow blocks are required.

Note: 3-jacks lifting systems efficiency 90%. When calculations, don’t ignore bevel gearbox efficiency 94%, helical gearmotors efficiency 94%, idling torque etc…
Four Screw Jacks – Lifting System Configuration:

* **U** - Configuration: four screw jacks arrangement, three 3-way bevel gear boxes, eleven flexible couplings, four connecting shafts, one motor or one handwheel.

* **H** - Configuration: four screw jacks arrangement, three 3-way bevel gear boxes, thirteen flexible couplings, six connecting shafts, one motor or one handwheel.

* **HI** - Configuration: four screw jacks arrangement, two 3-way bevel gear boxes, eleven flexible couplings, five connecting shafts, one motor or one handwheel.

* **UI** - Configuration: four screw jacks arrangement, two 3-way bevel gear boxes, nine flexible couplings, three connecting shafts, one motor or one handwheel.

Note: when connecting shafts length is exceed maximum distance of between supports, pillow blocks are required.

Note: 4-jacks lifting systems efficiency 85%. When calculations, don't ignore bevel gearbox efficiency 94%, helical gearmotors efficiency 94%, idling torque etc…
Four Screw Jacks – Lifting System Configuration:

* **T** - Configuration: four screw jacks arrangement, one 3-way bevel gear box, nine flexible couplings, four connecting shafts, one motor or one handwheel.

* **TT** - Configuration: four screw jacks arrangement, one 4-way bevel gear box, nine flexible couplings, four connecting shafts, one motor or one handwheel.

Note: when connecting shafts length is exceed maximum distance of between supports, pillow blocks are required.

Note: 4-jacks lifting systems efficiency 85%. When calculations, don't ignore bevel gearbox efficiency 94%, helical gearmotors efficiency 94%, idling torque etc.
Six Screw Jacks – Lifting System Configuration:

* **H** - Configuration: six screw jacks arrangement, three 3-way bevel gearboxes, fifteen flexible couplings, six connecting shafts, one motor or one handwheel.

* **U** - Configuration: six screw jacks arrangement, three 3-way bevel gearboxes, fifteen flexible couplings, six connecting shafts, one motor or one handwheel.

* **HH** - Configuration: six screw jacks arrangement, three 4-way bevel gearboxes, seventeen flexible couplings, eight connecting shafts, one motor or one handwheel.

Note: when connecting shafts length is exceed maximum distance of between supports, pillow blocks are required.

Note: 6-jacks lifting systems efficiency 80%. When calculations, don't ignore bevel gearbox efficiency 94%, helical gearmotors efficiency 94%, idling torque etc.
Eight Screw Jacks – Lifting System Configuration:

* H - Configuration: eight screw jacks arrangement, three 3-way bevel gearboxes, twenty-one flexible couplings, ten connecting shafts, one motor or one handwheel.

* HH - Configuration: eight screw jacks arrangement, seven 3-way bevel gearboxes, twenty-nine flexible couplings, fourteen connecting shafts, one motor or one handwheel.

Note: when connecting shafts length is exceed maximum distance of between supports, pillow blocks are required.

Note: 8-jacks lifting systems efficiency 80%. When calculations, don't ignore bevel gearbox efficiency 94%, helical gearmotors efficiency 94%, idling torque etc.
About Us

Jacton Industry Co., Ltd (VAT No.: 9144190007026567X3, registered Capital 500000CNY) is a leading manufacturer and supplier in China for screw jacks (mechanical actuators), bevel gearboxes, screw jacking systems and accessories, linear actuators, gearmotor and speed reducers, and others linear motion and power transmission products. We are Alibaba, Made-In-China and SGS (Serial NO.: QIP-ASI192186) audited manufacturer and supplier. We also have a strict quality system, with senior engineers, experienced skilled workers and practiced sales teams, we consistently provide the high quality equipments to meet the customers electro-mechanical actuation, lifting and positioning needs. Jacton Industry guarantees quality, reliability, performance and value for today's demanding industrial applications.

Advantages

1. International standard materials for All Jacton brand products. We insist on choosing brand suppliers to supply the high quality raw materials to control the producing process. Optimization constantly the production processes, inspecting in each link and managing production site.
2. 100% quality assured with double quality inspections. The quality inspection by quality inspectors from processing to finished products as the first time. Before packing, the corresponding sales engineers must inspect the orders following the paper drawings, order quantities and special markings in the invoice or sales contracts as the second time.
3. 100% safety transportation. Packing with strong standard export plywood cases materials (free fumigation), inner packing with epe foams to prevent products swaying and outer packing with iron sheets and fasteners to fasten the packages.
4. International sales engineers have professional knowledge and skills on our standard products and service. They have enough ability to solve the basic technical problem immediately whatever by phone, online chat, face to face communications.
5. All the standard products with 2D CAD Drawings (PDF, DWG and DXF formats), and 3D CAD Models (STEP, STP, MODEL, IGS, PRT and CATParT formats).
6. Custom design available, OEM service available, Free engineering advice, Free quotes available and Customer label available.
7. Inspection equipments include motor with inverter drive system, height adjustment motorized lifting system, coordinate measuring machines, outside micrometers, inside micrometers, depth calipers, vernier calipers, digital calipers, hardness testers, digital noise meters, industrial infrared thermometers, digital speed measuring instruments, digital multimeters, and high precision clamp digital ammeter etc.
8. Processing with modern advanced machines such as CNC gear hobbing machines, CNC flank grinding machines, CNC cylindrical grinding machines, multi-axis CNC milling machines, CNC lathes and others equipments.
Products List

4. Screw Jack Systems and Accessories: two-jack system, three-jack system, four-jack system, six-jack system, and eight-jack system. Jacking systems accessories include coupling, universal joint, cardan shaft, connecting shaft, electric motor, geared motor and reducer, hand wheel with crank handle, pillow block bearing, flange block bearing, rod end bearing, stop nut, limit switch, safety nut, travel nut, linear shaft and bearing, linear guide and bearing, telescopic spring cover, bellow boot, protective tube, trunnion adapter plate, trunnion mounting bracket, motor flange, rotary encoder, potentiometer, frequency inverter and position indicator etc.
5. Linear Actuators Series: Parallel linear actuator with 3-phase AC motor, Inline linear actuator with 3-phase AC motor.

Finished Projects

1. Theatrical solutions stage and orchestra platform lifts projects. Customers are from France, Australia, Netherlands, United Kingdom, Spain and Canada.
2. Hydroelectric power station projects and water conservancy projects. Customers are from Vietnam, Australia, Malaysia, Russian Federation, Nepal, Pakistan, Belgium, United States and United Kingdom.
3. Aircraft maintenance platforms and docking systems projects. Customers are from Pakistan, Singapore and United Arab Emirates.
4. Solar panel tracking system projects. Customers are from Spain, India and Canada.
5. Bolted steel storage tanks and silos lifting solutions. Customers are from South Africa, United States, Mexico, Russian Federation, Brazil and Vietnam.
6. Dish antenna elevation and azimuth positioning projects. Customers are from Singapore, Malaysia and United States.
7. Railway wagon projects. Customers are from South Africa.
8. Beverage can production lines. Customers are from Netherlands, United States, Thailand and Indonesia.
9. Steel factories production lines. Customers are from Iran, United States and Turkey.
10. Continuous PU sandwich panel production lines. Customers are from Thailand and United Kingdom.
Customers Distribution Areas

1. American Countries: United States, Mexico, Canada, Chile, Bolivia, Brazil, Colombia, Dominican Republic, Honduras, Costa Rica, Panama, Puerto Rico, Jamaica, Trinidad and Tobago, Aruba, Argentina, Peru, Venezuela.

2. European Countries: Russia, Germany, Turkey, France, United Kingdom, Italy, Spain, Ukraine, Poland, Romania, Netherlands, Belgium, Greece, Czech Republic, Portugal, Sweden, Hungary, Belarus, Austria, Switzerland, Bulgaria, Denmark, Finland, Slovakia, Norway, Ireland, Croatia, Georgia, Armenia, Lithuania, Slovenia, Estonia, Cyprus, Luxembourg, Iceland.

3. Asian Countries: Malaysia, Indonesia, Singapore, Pakistan, Philippines, Vietnam, United Arab Emirates, Thailand, Saudi Arabia, Iran, Turkey, India, Nepal, Yemen, Taiwan, Sri Lanka, Israel, Jordan, Kuwait, Qatar.

4. Oceanian Countries: Australia, New Zealand, Fiji.

Contact Us

JACTON INDUSTRY CO., LTD
VAT No. 9144190007026567X3
1st Floor, Building G, No. 5, Hengzhong Road, Xin An Community, Chang An, Dongguan, Guangdong, China.

Telephone
+86-769 8158 5810
+86-769 8158 5852

Email:
sales@jactonindustry.com
jactonjack@gmail.com

Ask An Expert Immediately:
Whatsapp ID: +86 135 3283 0851
Wechat ID: +86 135 3283 0851
Skype ID: jactonjack
TradeManager ID: jactonjack

JACTON INTERNATIONAL LIMITED
Registration NO.: 6148376600005184
Unit 17, 9/F., Tower A, New Mandarin Plaza, No. 14, Science Museum Road, Tsimshatsui, Kowloon, Hongkong

Website
English PC: www.jactonindustry.com
English PC: www.jacton-screwjacks.com
Chinese PC: www.jactonindustry.cn

Mobile Website
English: http://m.jactonindustry.com
Chinese: http://m.jactonindustry.cn

---

sales@jactonindustry.com | www.jactonindustry.com | Tel: +86 769 81585810 | Fax: +86 769 81585852
Screw Jacks | Right Angle Gearboxes | Screw Jack Systems | Linear Actuators | Gearmotors and Speed Reducers

- 26 -