Inline Series
Heavy Duty Linear Actuator
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Introduction

Inline Heavy Duty Linear Actuators are widely used in gates, dampers, oven and processing tank doors, antennas, orthopedic tables and other medical equipment, ergonomic furniture, and agricultural equipment, scissor platforms, lifting platforms, robotics, continuous paint pumps, medical beds, coiling machines, tundish cars, continuous operation process lines opening and closing, tilting and pivoting, lifting and lowering, and positioning etc. Custom designs are also available for special applications. Inline Heavy Duty Linear Actuators with heavy load capacities, accurate and repeatable positioning, which are not only match the load capacity of hydraulic cylinders and exceed the load capacity of conventional electromechanical actuators. Now being used in place of pneumatics and hydraulics when high maintenance and environmental problems (leaking hydraulic oil) are a concern.

Inline Heavy Duty Linear Actuators Complete models: LA10-LA1000. Load capacities: 10 kgf-1000 kgf. Travel speed: 28 mm/s-85mm/s. Motor power: 0.06 kw-1.5 kw. Customize stroke with maximum 1000 mm travel length. Fork end fitting as standard, customize clevis end, threaded end, top plate, rod end. Internal structures: reduction gearbox, acme screw and nut, internal limit switches for overload protection. Easy installation with double sides trunnion installation, no pipework, powerpack and valves, low power consumption and running costs, no oil leaks, contamination or fire risk, Low noise system, higher dynamic capacity, higher speed capability and longer life. Available motor types such as single phase motor, three phase motor, dc motor, helical geared motor etc. With external limit switches to control different travel length.
## General Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Load Capacity (KGF)</th>
<th>Travel Speed (MM/S)</th>
<th>Motor Power (KW)</th>
<th>Stroke (MM)</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>L (Slow)</td>
<td>M (Medium)</td>
<td>H (High)</td>
</tr>
<tr>
<td>LA10</td>
<td>10</td>
<td>30</td>
<td>60</td>
<td>0.06</td>
</tr>
<tr>
<td>LA25</td>
<td>25</td>
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</tr>
</tbody>
</table>

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Assembly Drawing Dimensions

**LA10 – 10 KGF**

Full Retract: 330 + Stroke
Full Extend: 330 + 2 x Stroke

Full Retract: 120 + Stroke
Full Extend: 120 + 2 x Stroke

**LA25 – 25 KGF**

Full Retract: 330 + Stroke
Full Extend: 330 + 2 x Stroke

Full Retract: 120 + Stroke
Full Extend: 120 + 2 x Stroke

**LA63 – 63 KGF**

Full Retract: 430 + Stroke
Full Extend: 430 + 2 x Stroke

Full Retract: 165 + Stroke
Full Extend: 165 + 2 x Stroke
LA500 – 500 KGF

Full Retract: 621 + Stroke
Full Extend: 621 + 2 x Stroke

Full Retract: 281 + Stroke
Full Extend: 281 + 2 x Stroke

Full Retract: 631 + Stroke
Full Extend: 631 + 2 x Stroke

Full Retract: 281 + Stroke
Full Extend: 281 + 2 x Stroke

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Screw Jacks | Spiral Bevel Gearboxes | Screw Jack Systems | Linear Actuators | Gearmotors and Speed Reducers
**LA700 – 700 KGF**

![Diagram of LA700 - 700 KGF](image1)

**LA1000 – 1000 KGF**

![Diagram of LA1000 - 1000 KGF](image2)
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-AS1192186) 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

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