



First Source Engineering, Inc.
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Selection Guide Worksheet Jacks and Actuators

Name _____ Title _____
 Company _____
 Address _____
 Phone _____ Fax _____ Email _____

Jacks To Be Specified – For a Quick Reference contact First Source Engineering

- | | | |
|--|---|---|
| <input type="checkbox"/> Machine Screw Jacks | <input type="checkbox"/> Machine Screw ComDRIVES® | <input type="checkbox"/> Electric Cylinders |
| <input type="checkbox"/> Ball Screw Jacks | <input type="checkbox"/> Ball Screw ComDRIVES® | <input type="checkbox"/> Linear Actuators |
| <input type="checkbox"/> Stainless Steel Jacks | <input type="checkbox"/> Metric Screw Jacks | <input type="checkbox"/> Integrated Actuators |
| <input type="checkbox"/> Bevel Gear Jacks | <input type="checkbox"/> Bevel Ball Actuators | |

System Considerations

Number of jacks _____ Total system load _____ Load per jack _____
 Jacks are mounted in Tension Compression Both Tension & Compression
 Jack mounting Upright Inverted
 Screw orientation Vertical Horizontal
 Rise/Stroke _____ Inches or Millimeters
 Travel Speed _____ in/min or mm/sec
 Is static side load present? No Yes, specify amount _____
 How will jacks be operated? Electrically – Voltage _____ Cycles _____ Phase _____ Manually Other

Environmental and Other Considerations

Temperature Range _____ °F °C
 Environment Dust Dirt Oil Sand Water Wash Down Outdoor
 Describe any vibration or shock loading: _____
 Duty Cycle Cycles per minute _____ Cycles per hour _____ Cycles per day _____
 Describe one complete cycle: _____
 How frequently will the system cycle? _____
 What is the dwell time between cycles? _____
 How will the system lift the load? Full stroke Partial stroke Incrementally
 How will the system lower the load? Full stroke Partial stroke Incrementally

Options, Accessories and Controls - For an options overview contact First Source Engineering

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Protective Boots | <input type="checkbox"/> Anti-backlash Device | <input type="checkbox"/> Motor Mount | <input type="checkbox"/> Trunnion |
| <input type="checkbox"/> Limit Switches | <input type="checkbox"/> Encoder | <input type="checkbox"/> Ring Encoder | <input type="checkbox"/> Geared Potentiometer |
| <input type="checkbox"/> Hand Wheel | <input type="checkbox"/> Mechanical Counter | <input type="checkbox"/> Shafting | <input type="checkbox"/> Couplings |
| <input type="checkbox"/> Miter Gear Box | <input type="checkbox"/> Gear Reducer | <input type="checkbox"/> Pillow Block Support | <input type="checkbox"/> Flange Block Support |
| <input type="checkbox"/> Motor Starter | <input type="checkbox"/> Synchronizing Controls | <input type="checkbox"/> Programmable Controls | <input type="checkbox"/> Custom Controls |

Other Considerations

Please list in detail any other specific features desired:

