

# SELECTION GUIDE WORKSHEET JACKS AND ACTUATORS

Name \_\_\_\_\_ Title \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

**Jacks To Be Specified – Refer to page 6 for a Quick Reference Guide or contact Joyce/Dayton.**

- |  |   |   |
|--|---|---|
| <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 – Refer to page 7 for an options overview or contact Joyce/Dayton.**

- |   |   |  |   |
|---|---|--|---|
| <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:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Complete this worksheet and fax or email to Joyce/Dayton.**  
**Please include a sketch or JAX layout of your proposed installation.**  
 JAX software is available as a free download from [www.joycedayton.com](http://www.joycedayton.com).

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