



# SELECTION GUIDE WORKSHEET CONTROLS

Name \_\_\_\_\_ Title \_\_\_\_\_

Company \_\_\_\_\_ Project \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

## System Information

Number of Jacks \_\_\_\_\_ Number of Motors \_\_\_\_\_

Are Jacks:  Mechanically Synchronized  Electrically Synchronized  Independently Operated

### System Environment

- Indoor/General Purpose
- Outdoor
- Wash Down
- Explosion Proof
- Coastal/Salt Spray

### Enclosure Requirement

- NEMA 4 Std. Indoor/Outdoor
- NEMA 4X Washdown
- NEMA 12 Indoor
- Other

### Approvals

- UL Listed
- CSA Approval
- Other

### What aspect of operation needs to be controlled?

- Position
- Travel Speed
- Both Position and Travel Speed
- Other (Leveling)

### Motor Requirements

Horsepower \_\_\_\_\_  
 Voltage \_\_\_\_\_  
 Phase \_\_\_\_\_

Frequency \_\_\_\_\_

Brake required  YES  NO

Brake Voltage \_\_\_\_\_

Brake Wiring  Internal

External (for variable frequency drives)

### Motor Operation

- Variable Speed
- Constant Speed
- Multiple Speed (preset)
- Inch/Jog (stepper)
- Synchronous

### Motor Enclosure

- Totally Enclosed TEFC
- Wash Down
- Explosion Proof

### Primary Control Requirement

- Momentary Operation
- Constant Torque
- Programmable Positions
  - One to Four
  - More than Four
- Accuracy for Positioning
  - \_\_\_\_\_ +/-  inch  mm

- Maintained Operation
- Synchronized Travel
  - Tolerance \_\_\_\_\_ +/-  inch  mm
- Variable Speed
  - Range of frequency \_\_\_\_\_
- Soft Start Operation
  - Rate (in/min<sup>2</sup>) \_\_\_\_\_
  - Number of starts/hour \_\_\_\_\_

### Control Options

- Alarms  Indicators  Pendant Control  Wireless Control  HMI/Touch Screen

### Other Considerations

Please describe the order of operation and other functional requirements of your system:

---



---



---

Joyce/Dayton Corp., P.O. Box 1630, Dayton OH 45401 • sales@joycedayton.com, FAX 937-297-7173