

CONTROLS VARIABLE SPEED POSITIONING SYSTEM

Joyce Variable Speed Positioning System (VSPS) is a programmable controller that increases the capability of motorized jacks by allowing the operator to easily program up to ten stopping positions.

It is housed in two NEMA 4 enclosures, one for the VFD the other for the PLC (as shown). The VSPS includes an HMI display that indicates the current position as well as the stopping location.

Other standard features:

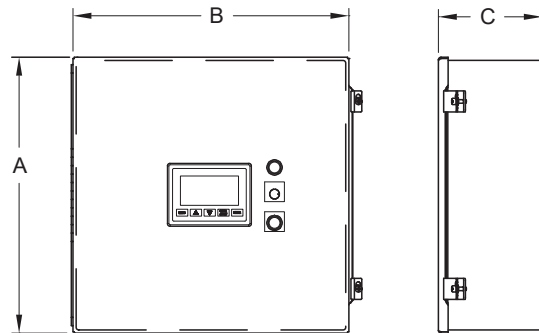
- Limit switch terminals for two end-of-travel limits
- Speed control dial (real time)
- Emergency stop push button
- 1/3 – 20 HP motor control standard
- 200, 230, 460 and 575 volts standard, three-phase power requirements
- 6" HMI display
- Manual jog

Ordering information:

Each model's part number begins with the prefix 07990951. To this prefix add the appropriate suffix from the chart below. For example: 07990951-2 refers to a VSPS control for a 1/3 horsepower, 230 volt motor.

| Motor HP Starter Part Number Suffix | | | |
|-------------------------------------|---------|-----|-----|
| Motor HP | Voltage | | |
| | 200 | 230 | 460 |
| 1/3 | -1 | -2 | -3 |
| 1/2 | -5 | -6 | -7 |
| 3/4 | -9 | -10 | -11 |
| 1 | -13 | -14 | -15 |
| 1 1/2 | -17 | -18 | -19 |
| 2 | -21 | -22 | -23 |
| 3 | -25 | -26 | -27 |

| Standard Dimensions | | | | |
|---------------------|----------|-----|-----|-----|
| Item | Motor HP | A | B | C |
| PLC Box | 1/3 - 3 | 12" | 12" | 6" |
| VFD Box | 1/3 - 3 | 20" | 20" | 10" |



Many options are available including:

- NEMA 4X enclosure
- 50 Hz motors
- International voltages
- Single-phase motors
- 5 horsepower and larger
- Pendant controls
- Maintained contact control
- Stack lights
- Audible alarm

Note: Drawings are artist's conception — not for certification; dimensions are subject to change without notice.