

# 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:

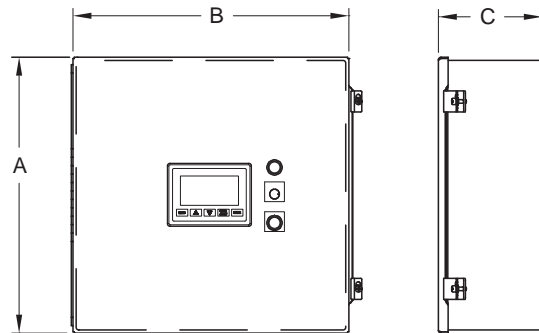
- Limit switch terminals for two end-of-travel limits
- Speed control dial (real time)
- Emergency stop push button
- 1/3 – 3 HP motor control standard
- 200, 230, 460 and 575 volts standard, three-phase power requirements
- 3" HMI display
- Manual jog

## 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.