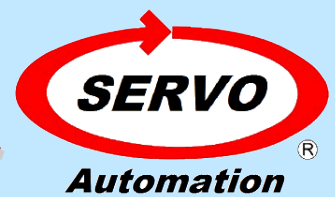


**SERVO Automation**  
Proudly Introduces

# The All New Single Axis CNC Driller



## Standard Features

- Uses industry standard G-code programming
- Stores up to 99 different programs with a line capacity of 799 lines per program.
- No need for battery back up, with NVRAM you will never lose any of your programs when the power is lost or shut off.
- The ability to import .txt files from a USB jump drive using the built in USB port.
- The controller is equipped with 8 output ports, of which 4 are pre-assigned to M-codes M51 thru M58.
- Monitor the program cycle through every step by displaying information such as the actual feed rate, quill depth, input/output interface status, and the current program code being executed.
- The controller has a built in M.P.G. (manual pulse generator) that allows you the ability to manually lower or raise the quill during setup.
- The controller has a rapid traverse speed of 250 in/min.
- The controller has the capability to adjust (override) your feed rates while running a program cycle.
- Proximity sensors detect quill overtravel in the upper and lower extreme positions which will prevent any mechanical damage to the quill, cross-shaft, or clutches.
- Capability to program "backlash compensation" which will be useful in compensating for long term mechanical wear to maintain drilling accuracy.
- Integrated "Servo motor status monitor" that indicates vital parameters of the servo motor such as motor current (amperage), input voltage, and wattage all in real time.
- Large (22mm) L.E.D. push-buttons for the control functions that are ergonomically easier to operate.

## Added Features With Optional Integrated VFD

- Ability to control the spindle motor using an optional V.F.D. which allows you to program spindle speed, rotation direction, start/stop.
- With a V.F.D., the controller allows you the flexibility to perform tapping operations using a compression tap holder. You can also override the programmed spindle speed during a program cycle from 10% up to 150% using keys on the controller.
- Dynamic braking which allows you to stop the spindle rotation quickly in an emergency situation.

**Convert your Clausing Drill Press into a fully automated drilling machine**



**Shown with integrated VFD**

## Technical Specifications

- Minimum data unit 0.001
- Maximum data size +/- 99999.999
- Maximum speed 250 inches/min
- 2ms interpolation cycle
- Frequency for single axis interpolation output pulse is 400k
- USB port for importing NC programs
- Optically isolated I/O ports
- Maximum number of program lines 799
- Maximum number of stored programs 99
- High performance 32 bit CPU
- RAM 128 Meg
- 3.5inch color LCD, 320x240 pixels
- Subset of standard G-codes and M-codes
- Built in MPG (manual pulse generator) wheel
- Analog spindle output 0-10vdc (for use with optional VFD)
- Operating voltage 220VAC +/- 10%

**PMTS SHOW  
SPECIAL!**

**Standard CNC Driller**

**\$3995**

**CNC Driller  
with Integrated VFD**

**\$4895**



**Be sure to reference promo code PMTS3**

Call toll free to place your order: (800)521-7359

[www.servoautomation.com](http://www.servoautomation.com)

Offer good through May 31, 2017

