

SERVO CONTROL BOX



SINGLE-AXIS PROGRAMMABLE CONTROLLER

Don't need true 4th-axis? Just need point-to-point indexing? A cost-efficient solution for any CNC machine that is not 4th-axis-ready. This single-axis, programmable control box will add semi-4th-axis 3+1 capability to any machine. It can be easily interfaced using a spare M-code from your CNC machine. Indexing position moves to practically any angle are programmed directly through the front panel of the control box and are triggered by an M-code, or utilize the control box's DNC function to run a complete machine program file from a USB key.

DUAL-AXISPROGRAMMABLE CONTROLLER

Don't need true 5th-axis? Our all-in-one control box is a cost-efficient solution for machining parts not needing true 5-axis, simultaneous motion. Our dual-axis controller with our 5th axis head, turns your 3 axis machine into 3+2. This allows you to machine 5 sides of a part, thus reducing the number of machining operations and dramatically increasing efficiency and accuracy.

FEATURES

- Easily interfaces to any CNC machine and control including Fanuc, Mitsubishi, Fadal, Haas, Hurco and many others. No expensive 4th/5th axis drive needed.
- 4 Modes of Operation:
 - Full DNC to CNC
 - Complete CNC operation by DNC feed
 - All XYZAB moves and CNC code from the indexer control
 - Run very large programs directly from your USB
 - Standard G-code functionality
 - Print from CNC
 - Standard macro DPRNT type commands from CNC.
 - The CNC feeds the indexer control box each AB move
 - M-function Cycle
 - Internal control box programming
 - The CNC starts each cycle
 - Manual Cycle
 - Internal control box programming with start button activation
- External USB for storage and DNC, compatible with 4GB and above.
- Fast indexing to any angle.
- Portable. Easily move from machine to machine.
- Operates on 110 VAC power.
- Includes CNC Interface and RS-232 cables for M-function and serial input commands. No other hardware or electronics needed.

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MODES OF OPERATION









