



## **SERIES 8 CNC**

[for machine tool applications]

- *Designed for a wide range of applications (6) interpolated axes plus (6) auxiliary axes*
- *Touch-screen, menu-driven operator friendly interface*
- *Embedded PLC for easy customization of machine interface*
- *PC front-end for convenient file handling and system networking*
- *Powerful motion controller*
- *Direct digital interface to Series MD84 servo amplifiers*
- *Many options for digital I/O and operator interface devices*
- *Custom software applications*

**SIEB & MEYER**





## Built from Experience

Leveraging over 80 years combined CNC design engineering experience in our German and American divisions, SIEB & MEYER has developed a powerful, flexible machine control to serve OEMs, retrofiters and machinists.

- 5-axis tool grinding
- 4-axis tire mold letter/tread engraving
- 3 to 6-axis machining centers
- multi-spindle lathes  
(up to 14 axes, 10 concurrent cycles)



## Robust Hardware

At the core of the Series 8 CNC is an industrial hardened MC84 motion control board. Communication to the PC is via Ethernet, providing flexibility and future growth potential. Connections to the servo amplifier and I/O interfaces originate from the MC84 board, all using high speed digital interfaces to assure reliability and minimize connections.



## Software and Parameters

The Series 8 CNC was designed for ease of use for the machine builder as well as the end user. Parameter setting software allows configuration of the machine axes, menu driven commands make it easy to learn and operate.

## Integration of Third Party Software

The Series 8 PC front-end allows easy integration between CNC functions and other applications running on the PC, such as CAD program design packages or data collection software.

## Operational Features

- touch-screen interface
- multi-window display, user configurable
- probe interface and canned probing cycles
- M- and G-code programming
- conversational programming
- parametric subroutines, embedded calculations
- 999 tool length and diameter offsets
- 50 fixture offsets



**Integration Support:** With many years of experience on a wide range of machine types, SIEB & MEYER will assist you with interfacing the SERIES 8 to your machine.