



# SIEB & MEYER

## PMC 820

### PMC 820 Multi-Spindle Machine Control

**SIEB & MEYER USA expands machine control product line for standard multi-spindle machines.**

#### Standard Package Includes:

- » compact operator station with enclosure
  - » standard buttons
  - » emergency stop
  - » 7 inch color touchscreen
  - » 4 x 4 panel buttons
- » pre-programmed microprocessor with 32 I/O
- » absolute shaft encoder to continually monitor drum shaft position
- » installation instructions with phone support
- » wiring drawings for standard ACME, WICKMAN, NEW BRITAIN
- » tool counter
- » part and batch counter
- » programmable angle of pickoff collet
- » monitor 360 degree cam angle
- » auto jog to high point
- » auto jog to low point
- » cycle stop part load
- » stock depletion check
- » tapping switch detection
- » lube pressure control
- » coolant and chip conveyor control
- » shut down machine for bar feed
- » interface to special clutch
  - » Logan
  - » Cyclo-Index
- » thread check
- » pickoff point
- » interface to broken tool detection
- » programmable cycle stop

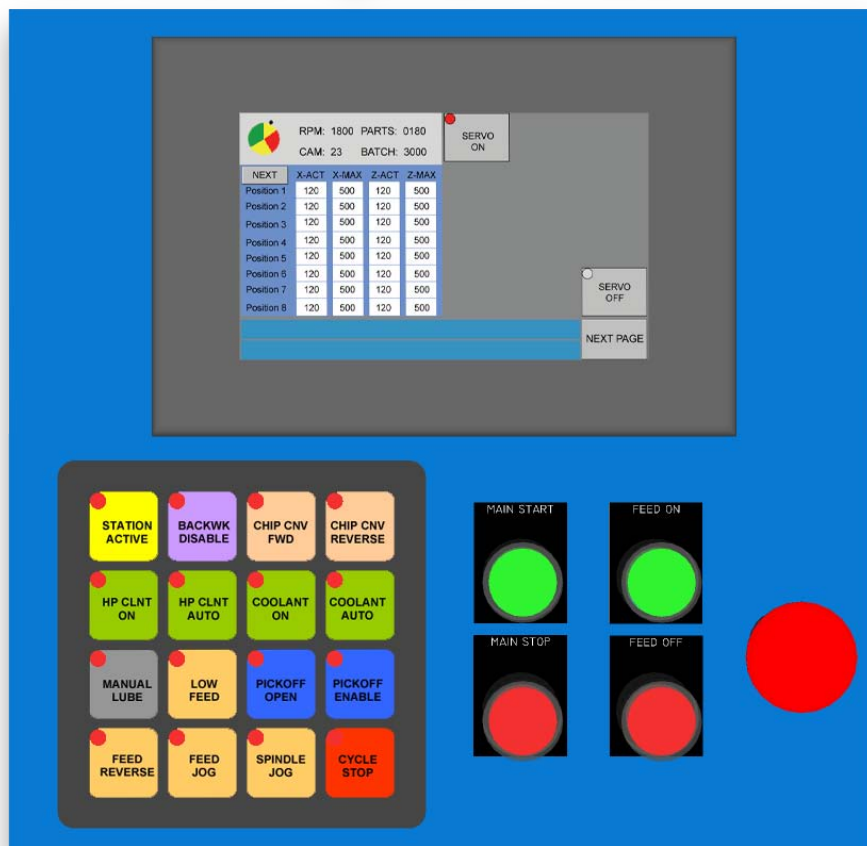


#### Optional Additional Features:

- » options for servo feed control and spindle speed control
- » button package with enclosure for rear machine station
- » on-site installation



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## About the PMC 820 Control

SIEB & MEYER USA, LLC. has developed a control platform with a sophisticated blend of industrial hardware, open technology and software flexibility specifically for the multi-spindle screw machine market.

The standalone PMC 820 controller manufactured by SIEB & MEYER USA handles all mission-critical control tasks. The controller interfaces to an industrial microprocessor provides instructions, real-time machine status and diagnostic information to the operator. The absolute shaft encoder monitors the multi-spindle machine drum shaft position in real time. The shaft position is continuously displayed on the screen.

The operator can easily jog the shaft to high point, low point, pick-off point, thread high point, or cycle stop point.

## About SIEB & MEYER USA, LLC.

SIEB & MEYER USA, LLC., formerly PMC Electronics - based in Cincinnati, Ohio - joined SIEB & MEYER AG in 1996 to expand SIEB & MEYER's worldwide sales and support network and leverage PMC's expertise in microprocessor, high-end motion control and CNC applications. Founded in 1972, PMC developed sophisticated control solutions for a wide variety of machinery including multi spindle automatic screw machines, high speed PCB drills and routers, 5 axis tool and OD/ID grinders, and traditional multi-axis CNC machine tools. SIEB & MEYER USA today is a wholly owned division of First Industries Group in Dayton, Ohio. SIEB & MEYER USA is the exclusive distributor for SIEB & MEYER AG products in North America.

