

The economical CNC with analog interface



The perfect controller for analog drives and for retrofitting:

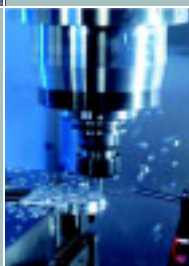
- Easy to operate and program
- Fast and simple setting up of tools and workpieces
- Cycle-based and contour-based programming
- Perfect connection even of existing drives with $\pm 10V$ interface and TTL encoders.

The analog CNC controller for your requirements:

- Controls up to three axes and one spindle
- Extremely compact design as operator panel controller
- Operator panel, machine control panel and I/O – all in one panel
- Maintenance-free since without batteries or fan

sinumerik

802C base line



SIEMENS

SINUMERIK 802C base line

The analog controller for increased productivity

Technical specifications

- 3 servo axes (pulse/direction signals) and 1 spindle ($\pm 10V$)
- 8" flat LC display
- 256 KB part program memory
- Look Ahead
- Handwheel function
- Up to 15 tools, 30 edges
- RS-232-C serial interface
- Operator panel and machine control panel (front) with IP65 design
- 12 freely assignable and identifiable keys with LED
- Full CNC keyboard
- Integral pocket calculator function → Simulasyon yok
- Teach-in (option)
- Simulation (available soon)
- 48 digital inputs and 16 digital outputs as standard
- Expansion module with 16 digital inputs and 16 digital outputs (available soon)
- Emergency stop button (option)
- Oscilloscope function
- Powerful PLC with LAD (ladder) programming

The SINUMERIK 802C base line offers you many advantages:

- Simple programming according to DIN 66 025
- Easy gauging of tool by scratching
- Contour elements as programming aid
- Cycle support for complex applications

Turning:

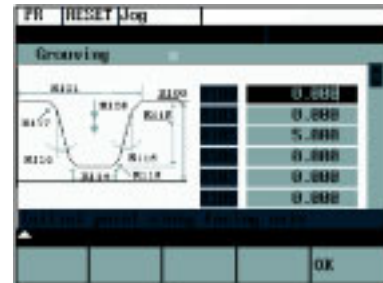
- Groove
- Recess
- Remove stock
- Thread-cutting
- Drilling, counterboring
- Deep-hole drilling
- Tapping with/without compensating chuck
- Drilling out

Milling:

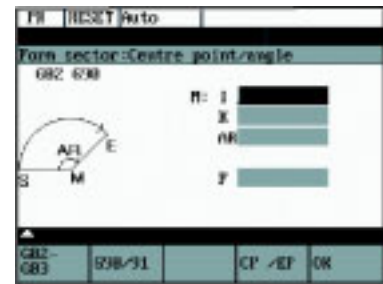
- Deep-hole drilling
- Thread-cutting with/without compensating chuck
- Row of holes – circle
- Row of holes – line
- Drilling, countersinking
- Milling of pockets, grooves and circular pockets

... and also possible:

- External processing
 - Also for processing of larger programs via the RS-232-C (V.24) interface
- Teach-in function (option)
 - Program input using handwheels or direction keys
- Compact design
 - Permits replacement of old products through small space requirements
- High processing speeds
 - Even with high encoder resolutions
- Extremely insensitive
 - Due to compact design
- Powerful PLC
 - For perfect adaptation to the machine tool



Graphic cycle support



Contour definition support



PLC programming



Contours

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You can find information concerning this product in the Internet at:



<http://www.siemens.com/sinumerik802>

You can find the addresses of your contact partners at:

<http://www.siemens.com/automation/partners>

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