TECHNICAL DESCRIPTION OF THE CNC
SIEMENS 828 D

General presentation

The CNC Siemens 828 D belongs to the compact class of CNC controls. It gives all the same operating performances for turning and milling operations with complete machining compatibility as the model CNC 840 D

Programmation

- Shopturn programmation for turning and milling operations
- Advanced programmation language ProgramGuide
- Executing a workpiece program from the CNC memory, from an external computer or from USB key storage
- Simulation 3D of all the machining operations
- Linear, circular, helicoïdal, polynomial interpollation and SPLINE (in option)
- Technolgic cycles for (turning, milling, graving)
- Milling and turning countours with detection of the remaining material
- rigid tapping (fix tools and live tools)
- Structured programmation
- Pieces number counting
- Measuring cycles integrated (in option)
- Set up, diagnostic and maintenance documentation integrated in the CNC

Technical features

- Panel based compact CNC
- Alphanumeric QWERTY keyboard
- Color touch screen 15.6'' format 16:9
- NVRAM storage technology without back-up batteries
- Axes speed selector 0 to 120 %
- Spindle speed selector 50 to 120 %
- 1 electronic hand wheel
- Water proof IP65
- Multi language technology for turning and milling
- Up to 10 axes / spindles and two auxiliary axes
- Up to two machining channels
- S7-200 PLC based

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