SINUMERIK Operate makes machine tool programming easy

With SINUMERIK Operate, the Machine Tool Division of Siemens Drive Technologies has integrated the control and programming interfaces HMI-Advanced, ShopMill and ShopTurn in a single end-to-end interface for machine tools. SINUMERIK Operate contains animated elements and allows intuitive operation and programming. New functions mean that even complex workpieces are easy to program, set up and machine.“The clearly-structured layout with context-based functions and self-explanatory icons is designed for machine operators,” explains CNC Design’s Managing Director Bruce Rowley. “Integrated simulation enables the program to be checked one operation at a time as it is programmed. This is very powerful when combined with STEP programming in ShopMill or ShopTurn.”Siemens SINUMERIK CNCs have been known for their features all around the world, and now the company offers ease of use which enables less highly-trained operators to program and perform complex machining tasks. Local Australian machine tool manufacturer Thomas Hegmann (H&H machine tools) is very pleased with this development and offers 840Dsl with SINUMERIK Operate on his CNC gantry milling machines. “Siemens packaged the power into a nice user interface - they have done their homework,” he says.With the SINUMERIK Operate user interface, users can work with the well accepted ShopMill and ShopTurn step programming, which is tailor-made programming at the machine for the manufacture of individual parts and small batches. Alternatively G-Code programming can be used with cycle support where this is required. This ensures a high degree of flexibility. About CNC DesignFounded in Melbourne in 1984, CNC Design has become the leader in motion control solutions throughout Australia, New Zealand and South-East Asia.CNC Design is the exclusive distributor for Siemens machine tool products and services in the region, with offices in Australia, New Zealand, Indonesia, Singapore, Thailand and Malaysia.The company supports machine tool builders with technical support, engineering and training. For machine tool users, CNC Design offers CNC retrofitting , SINUMERIK service and spare parts.
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