

## Improving Grinding Efficiency

Dittel Messtechnik GmbH was founded 50 years ago with the initial aim of developing and manufacturing aeronautical electronics. It then specialized in the business fields of measuring technology, airborne transceivers and power electronics and is now the global market leader in acoustic emission monitoring systems for grinding machines. Three years ago, the company started to establish close business ties with China and it is now the market leader in solutions for high-quality Chinese grinding machines.

Dittel kits out the machines with Sinumerik 840D, an automatic balancing system and an acoustic emission system for monitoring the grinding process. This dramatically improves the quality of the ground workpieces and increases machine efficiency by up to 25 percent.

The China International Machine Tool & Tools Exhibition (CIMES) in Beijing provided grinding machine manufacturers with an opportunity to see for themselves how the Sinumerik 840D is integrated into Dittel systems. They also discovered the other benefits of the two systems, including simple integration and programming, and versatile communication options.



At the CIMES fair in Beijing customers were showed the easy integration of Sinumerik 840D into Dittel systems

The company offers the Chinese market a strong support network, with offices and service centers in Beijing, Shanghai, Chengdu, Guangzhou and Hong Kong on hand to guarantee customers a speedy spare-part service and on-site repairs. Highly qualified application managers are also available to offer help and advice regarding the integration of Dittel systems into Sinumerik control systems. ■