



■ High-Speed Cutting Roadshow

# Off to a Successful Start

A global roadshow, hosted by Siemens and its partner companies, which includes a live demonstration of medical implant milling, has gotten off to a promising start.

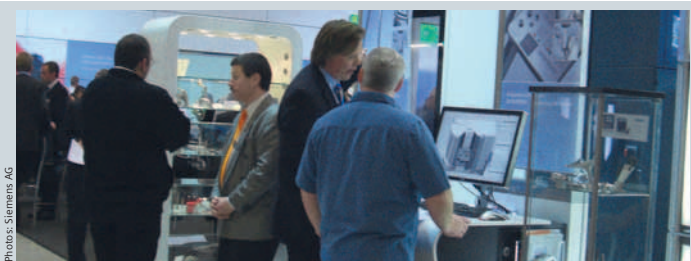
Under the slogan “Precision Meets Power,” and in conjunction with DMG, Iscar and Renishaw, Siemens is setting the benchmark when it comes to high-speed cutting (HSC). In a global roadshow, the partners are joining forces to illustrate the high requirements of HSC milling together with the solutions they have developed, using workpiece examples from medical technology.

Demonstrating an integrated CNC solution from concept through to the finished product, the roadshow is aimed at companies in the machining sector, including medical technology and tool and mold making. Taking medical workpieces as an example, the entire process chain can be viewed live, starting in the clinic and ending with the finished implant. The CAD/CAM system NX CAM, the Sinumerik 840D sl CNC system with its intelligent functions for HSC milling, and the powerful HSC20 linear machine tool from DMG all interact to give optimum results and produce workpiece surfaces that do not require any finishing work.

## Plenty of highlights for visitors

The first stop on the HSC roadshow – at the EuroMold fair in Frankfurt on December 3, 2008 – has already received excellent feedback from visitors. The exhibits included medical workpieces, that require precise surface processing. Siemens’ partner companies provided visitors with valuable information about their solutions and the machining steps within the process chain. Visitors were particularly intrigued by the enormous rhinoceros on display. The rhinoceros’ horn, which was also milled on the DMG HSC20 linear machine with Sinumerik 840D sl, serves as an example for sophisticated five-axis HSC milling, representing the perfect machining of medical parts.

The numerous visitors and seminar participants at the subsequent stops on the roadshow were likewise treated to additional highlights: At the DMG Open House with the DMG HSC seminar in Pfronten, Germany, the medical technology trade fairs MEDTEC, mediSIAMS and Medical Show, and the Siemens HSC seminar, visitors and seminar participants were able to experience the world of high-speed cutting live for themselves. Informative lectures within these technology seminars gave participants a deeper insight into high-speed cutting and the specially-tailored solutions developed by partner companies. The exhibition spaces devoted to HSC milling and the seminars also gave interested visitors the opportunity to learn more about the collaborative HSC solution from the partners along the entire process chain. ■



Future stops on the HSC roadshow

Event	Location	Date
CIMT trade fair	Beijing, China	04/06–04/11/2009
ISCAR HSC seminar	Ettlingen, Germany	05/06–05/07/2009
DMG HSC seminar	Geretsried, Germany	07/09–07/10/2009

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