

## **TB-DECO and TB-DECO ADV: New software for easier and more efficient programming**

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**Following its presentation of two new software systems last May, namely the TB-DECO 2005, which offers clients of TORNOS machines a 10% saving in programming time compared with the previous version and the TB-DECO ADV, which provides several new functions, the Swiss manufacturer now anticipates launching the 2006 version in November. This new version, with its new functions, such as programming sister operations so that two parts can be machined in parallel, further meets customer requirements for fast and simple programming.**

Since 1996 TORNOS has revolutionised the precision turning market by selling IT-based machining systems. The TB-DECO is a software package that comes free with the purchase of a new DECO or MULTIDECO. It contains a programming and synchronisation tool for various operations. The TB-DECO also includes a virtual CNC, which fully controls machining times, since these are calculated with a degree of accuracy of 10 ms. This progress widely benefited the operators, for whom approximations in machining times have been replaced by precisely calculated machining times. Where additional facilities are required, the client need only purchase the second software programme, the TB-DECO ADV, which is a real extension of the TB-DECO software. This includes multiple functions, i.e. a graphic assistant, a macro programming assistant, 2D simulation etc.

In addition to this second software program, TORNOS is also offering additional products with a CAM interface, so that several types and brands of machines can be programmed with only one software program. CAM software packages also allow the importing of a 3D CAD model to program complex paths. TORNOS works with several partners to create these CAD software packages, namely: PartMaker, AlphaCAM, Esprit, Gewatech, GibbsCAM and SylvieXpert.

Given the enormous progress since the first version of the TB-DECO, which was first launched in 1996, with the future TB-DECO 2006 version, TORNOS really placed great store by innovation to improve and simplify the working conditions of its operators.



What is more, another software package will be launched for TORNOS machines in January 2006: an OPC server, which is designed to provide the PC with the data contained in the CNC machine via the Ethernet network. This data will make it possible to monitor production and work out the OEE. The company is working together with ICAM in Switzerland, amongst others, which is already offering this type of production monitoring software.