

Machining Cloud Intelligent Manufacturing Application



ZOLLER TMS Tool Management Solutions provides economical organization of tools.

ZOLLER has partnered with Machining Cloud GmbH to provide the new Machining Cloud Intelligent Manufacturing application, a platform that offers applications, resources, services and information from a centralized database.

"Far more than a library of equipment, Machining Cloud is able to intelligently advise manufacturers regarding best practices specific to each unique manufacturing process," said a company spokesperson. "By enhancing part quality while increasing productivity, Machining

Cloud is designed to make the job of manufacturing easier than ever before."

With Machining Cloud, ZOLLER makes available to manufacturers its array of tool management software.

Like all cloud-based applications, Machining Cloud uses a network of remote servers hosted on the Internet to store, manage and process data. Whereas traditional computing entails storing, managing and processing data on local servers or personal computers, cloud computing offers large amounts of read-

ily accessible information, whenever and wherever it is needed.

"With Machining Cloud, manufacturers have access to numerous analytical tools to manage processes and optimize specific cutting applications, as well as the ability to easily order the components needed to make these solutions a reality," said a company spokesperson. "Users can view and download virtual machine tools, workholding components, tooling assemblies and a wealth of other related items. Machining Cloud also eliminates the need to flip through paper catalogues and consult multiple websites to find and purchase the proper components for the job.

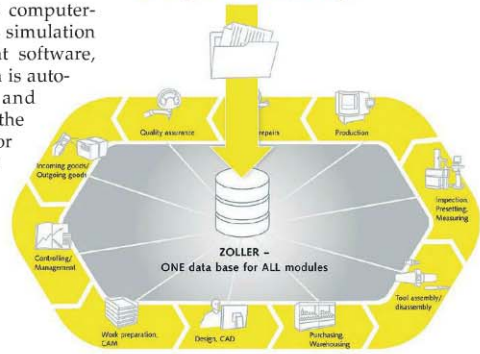
"Because information provided by Machining Cloud can be directly connected to computer-aided manufacturing, simulation and tool management software, Machining Cloud data is automatically imported and readily accessible for the generation of shop floor documentation and properly formatted tool lists. The Machining Cloud interface is easily adaptable to the needs of any shop. It supports Microsoft Windows 7 and 8, as well as Windows tablets, Android tablets and iPad."

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MachiningCloud
Intelligent Manufacturing



The Machining Cloud is designed to make the manufacturing process more efficient.

5-Face Bridge VMC



The FVM-4034DCL easily tackles your BIGGEST projects. The double-column bridge machine not only offers BIGGER capacity, but has an automatic angular head change and horizontal and vertical automatic tool change. The machine is perfectly suited for machining BIG parts with a 5-face machining application. The FVM-4034DCL also features these BIG benefits:

- The 90-degree angular head allows the spindle to shift from a vertical to horizontal direction and can machine more complex parts. The automatic head exchange simply performs with an M-code control that dramatically eliminates machine down-time.
- The oversized column and box-type beam construction provide better support and damping. And the 400 x 400mm RAM design on the Z-axis provides the machine with excellent support during the cutting process.

• The heavy-duty roller guide ways adopt a XYZ-axis, providing better acceleration and preventing a stick-slip problem. And the FVM-4034 not only handles the BIG jobs, it does it with cutting-edge control. The FANUC 31i control comes with an AICC high-speed machining contour control has a smooth 3-D interpolation contouring control and an optional 200-block look-ahead function.

Think BIG. Call your Chevalier dealer today to learn more about the FVM-4034DCL.

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