

Efficient tool handling with
ZOLLER TMS Tool Management Solutions

ZOLLER
expect great measures

zidCode 4.0





With ZOLLER, you can use your tool data consistently from work preparation to the CNC machine. You increase efficiency in tool handling, network sub-processes and increase process reliability with automated data transfer.

Digitize your production with the TMS Tool Management Solutions from ZOLLER: interfaces, software, tool identification and data transfer with »zidCode 4.0«.

The »zidCode 4.0« and ZOLLER TMS Tool Management Solutions offer a great deal of potential in our manufacturing process, which we are capitalizing together with ZOLLER. The ZOLLER software ensures order in production. In conjunction with »zidCode 4.0« we are minimizing search and set-up times in order to increase our efficiency. We can even react to individual production requirements.

The »zidCode 4.0« enables us to eliminate the human factor as a source of error in data transfer during production. This has increased our process reliability. In addition, we have maintained our flexibility, as it is possible with »zidCode 4.0« to combine different control systems into one.

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Smart Solutions

Are you wondering how you can digitize your manufacturing without much effort? »zidCode 4.0« from ZOLLER has the answer! With this efficient solution for tool identification, data transmission and communication, you benefit from correct and complete tool data that can be transferred to your machine tools paperlessly, quickly and without typing errors – regardless of the respective control system. This flexibility means that »zidCode 4.0« is the optimal solution for a wide range of data transfer requirements.

The result: With »zidCode 4.0« you increase your process reliability and also your productivity. At the same time, you can move into digitalized manufacturing without high investment costs or costly retrofitting and are therefore ideally equipped for a successful future.



Scan the QR code and watch the »zidCode 4.0« video!



Network your manufacturing



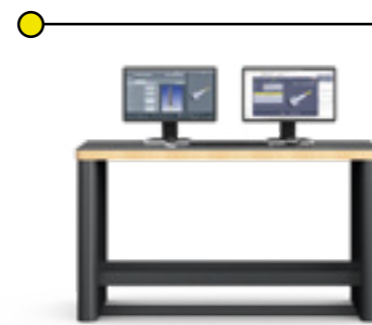
z.One is the central tool database. All steps of the manufacturing process access this database, as well as ERP and other software systems. Maintaining multiple databases is not necessary.



The ZOLLER TMS Tool Management Solutions software is perfectly integrated into the overall process and offers everything for efficient tool management. This software solution can be networked with CAM, ERP and other systems.

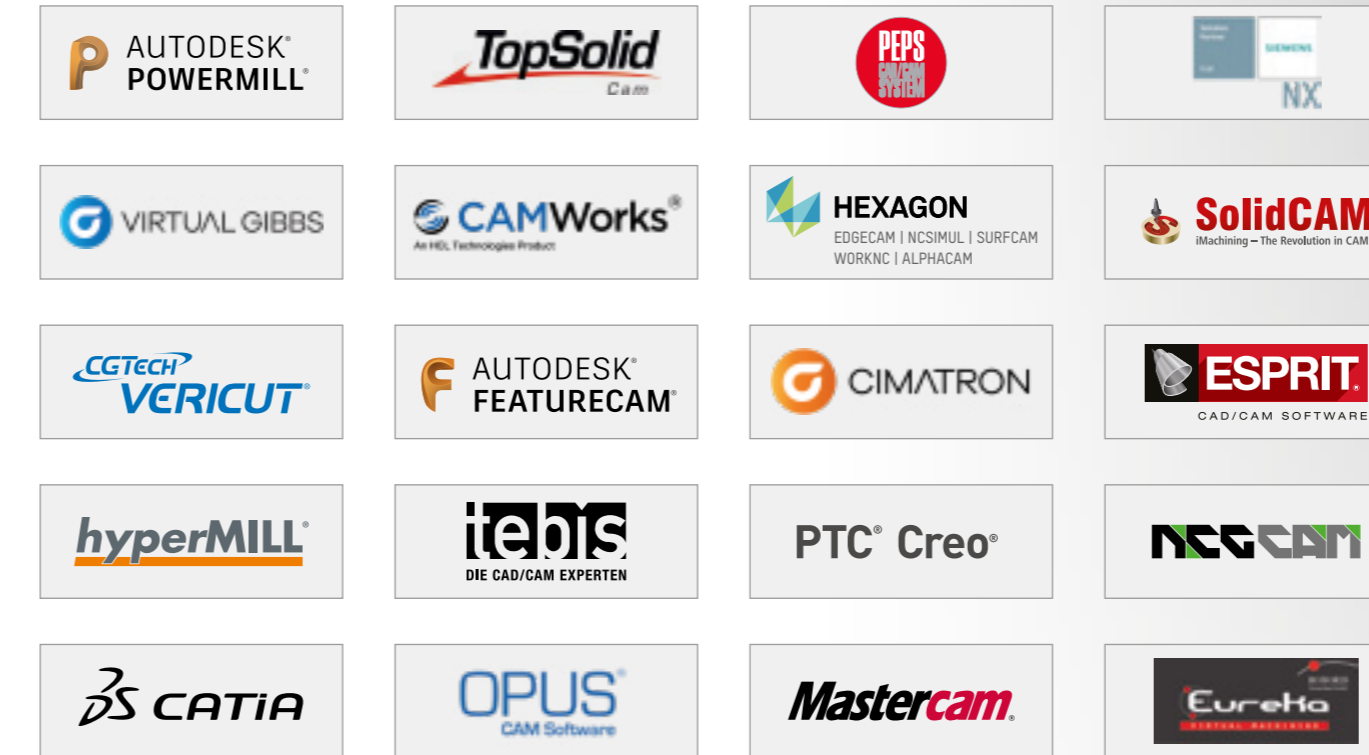
1 Integrated CAM interfaces

The manufacturing processes are simulated in the CAM system using tool data from the cloud. The tool data from the CAM system is transferred directly to the ZOLLER TMS Tool Management Solutions in the form of a setup sheet.



CAM interfaces

The advantages of the 27 CAM interfaces are increased process reliability through simulation with real available tools and the efficient use of tools through standardization of tool lists with visible cost minimization.



2 Structured tool preparation

Tools, components, accessories and complete tools are digitally recorded and can be localized in the ZOLLER Smart Cabinets and with the help of the ZOLLER TMS Tool Management Solutions software. The prepared complete tools are identified and measured on the ZOLLER presetter and measuring machine. The tool data is then directly available on the machine control.



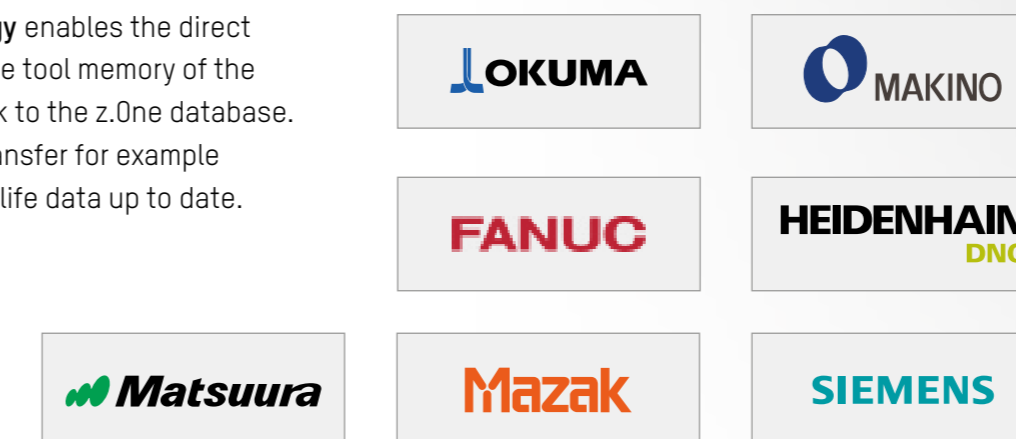
3 Efficient manufacturing

All tool data from the tool holder with integrated ZOLLER »idChip« technology are transmitted through »zidCode 4.0« to the machine. The scanning process at the »zidCode 4.0« control unit ensures fast, simple and error-free data transfer.



»z.DMI« technology

ZOLLER »z.DMI« technology enables the direct transfer of tool data to the tool memory of the machine control and back to the z.One database. This bidirectional data transfer for example automatically keeps tool life data up to date.



Functions for practical use

»quickPick«



The »quickPick« storage module is the simple storage interface for handling individual components, complete tools, devices, orders and accessories.

NC program management



With the NC program management of the ZOLLER TMS Tool Management Solutions and the transfer by »zidCode 4.0« everything the machine needs is available.

»zidCode 4.0«



By scanning the »idChip« with the ZOLLER »zidCode 4.0« on the presetter, measuring parameters are loaded automatically and tools are measured in the same way at any time.



The »zidCode« module also helps to optimally prepare orders in tool preparation thanks to its ease of use.

»idChip« technology



When the ID code on the tool is scanned, the CNC machine receives all the necessary tool data via the network.

Your advantages

1. Simple operation thanks to automated processes and expressive instructions.
2. Process reliability through centralization of data and avoidance of typing errors.
3. Cost savings through management of tool life data and traceability of tools.
4. Flexibility in the manufacturing process is maintained through data preparation on the machine.
5. Maximum transparency of all tool data at every step of the process.
6. Minimization of the risk of mix-ups through output according to the tool for tool principle.
7. Official development partner of machine and control system manufacturers offers the best service in case of support.



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ZOLLER Solutions

More speed, higher quality, safe processes – with ZOLLER, you increase the efficiency of your production. ZOLLER offers you outstandingly precise devices for adjusting, measuring and testing cutting tools, software, interfaces, cloud services and solutions for the automation of tool processes. You can combine all of this to create your individual system solution – on your way to the smart factory.

Presetting & Measuring

Tool Management

Inspection & Measuring

Automation

Everything from a Single Source.
Everything for your Success.
Everything with ZOLLER Solutions.

ZOLLER
expect great measures

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Tool presetter and measuring machines

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