

CS-ToolPal

The good Jeannie of the tool crib

Toolmanagement

Toolmanagement on Demand

Scaled to demand, zero maintenance cost, zero hardware cost, 100% tool database. CS-ToolPal, the good soul of the tool crib is there when you need it! That is toolmanagement as a service!

CS-ToolPal offers exactly the features of a toolmanagement system that you really need. And furnishes your company with the matching computing power and disk space. With that you'll organize your shop floor straightforward and don't mess around with software implementation or up-date procedures.

Configuration kit for effective toolmanagement

The CS-ToolPal is footed on our ToolsUnited-platform. This gives you access to more than 500.000 tool components, application guidelines and even 3D tool models. Your advantage: You'll start with a populated tool database!



Built on that the features of CS-ToolPal are grouped in three packages, each of which bundles logically related software functions.

- „**Plus**“ to support industrial engineering, tool selection and tool layouts.
- „**Shopfloor**“ to support handling of tool assemblies on the shop floor.
- „**Supply chain**“ to support inbound logistics of tool components.

Pick from these packages only those features that you really need and configure your personalized toolmanagement system.

Performance set up

The size of your operations determines the necessary computer power and disk space. Rather than messing around with software implementation simply „tell“ CS-ToolPal the number of CNC-machines in your shop and your toolmanagement system is up and running. By the way: For the purpose of tool tracking CS-ToolPal considers machine tools as stock locations.

Safe and secure

CS-ToolPal and thereby your toolmanagement system runs on a high performance server at a professional computer center. In Germany. Guaranteed! Ask your IT-experts for their requirements for data security - we will exceed them!

It's true. 24/7 availability year round is nothing, if the Internet is not available. What if the WiFi breaks down? Take the CS-ToolPal „by the hand“, walk over to the closest Internet-Cafe or use your smart phone and on you go!

CS-ToolPal is service, not software!
No need for you to buy, install or maintain any software.



Your personal Toolmanager

The road to your personal toolmanagement system always starts at ToolsUnited. Because the logic of CS-ToolPal faces reality: Without tool components (and the related data) the wheels will never start turning!

The next step is for you to decide whether you need support for process engineering first, or if to streamline the supply of tool components is more important. You may sign on for "Shopfloor" later for each of the two entry scenarios.

Entry scenario „Plus“

The engineering support of „Plus“ features the object-oriented administration of tool assemblies in relation to machine tools, manufacturing processes, work pieces and tools and thereby facilitates for example

- the standardization of tools,
- the generation of tool layouts,
- the retrieval of similar manufacturing processes.

Entry scenario „Supply chain“

If the main issue of toolmanagement for you is tool components, then start with the supply chain. At best with the integration of an automated tool crib. You may then

- release procurement orders,
- execute inventory management,
- check tool availability and much more.

Ask your supplier if his automated tool crib is interfaced to CS-ToolPal.

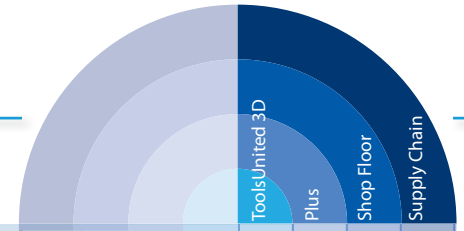
Configuration level „Shopfloor“

To know whether a certain tool is available on the shop is already important during process engineering. And if yes, where is it? The building block "Shopfloor" CS-ToolPal provides the features to

- check availability and to locate tool components and tool assemblies
- generate tool lists and to issue tool assembly orders,
- interface storage systems, presetters and machine tools,
- interface tool identification systems (AutoID).

Configure online

No matter which entry scenario you will follow, you may sign on for missing features any time later.



	ToolsUnited 3D	Plus	Shop Floor	Supply Chain
Product range of more than 20 manufacturers	✓	✓		✓
Tool search by geometric characteristics	✓	✓		✓
Guided component search	✓	✓		✓
Speeds & feeds and application guidelines	✓	✓		✓
Material database with more than 750 materials	✓	✓		✓
Download parameters and DXF-graphics	✓	✓		✓
Download 3D (optional)	✓	✓		✓
Data entry of tool assemblies	✓	✓	✓	
Search by different classification standards		✓		
Configuration of tool assemblies and BOM generation		✓	✓	
Where-used-information (tool component)		✓		
Administration of manufacturing sequences		✓		
Tool application (process, workpiece, machine)		✓		
Search for similar components and applications		✓		
Tool lists (gross demand)		✓	✓	
Generator for tool layouts		✓		
Inventory management for tool components			✓	✓
Post entries/ - removals (barcode)				✓
Interface admission control				✓*
Generate procurement proposals				✓
Statistics & reports			✓	✓
Interface to ERP				✓*
Interface to automated tool crib				✓*
Administration of stock locations			✓	
Individualized tool items			✓	
Tooltracking			✓	
Generation and administration of tool assembly orders			✓	
Tool lists (net demand)			✓	
Administration of machine tool specifications			✓	
Administration of cost centers, departments and employees			✓	
Interface to presetters (optional)			✓*	
Interface to storage systems (optional)			✓*	
Interface to machine tools			✓*	
Interface to tool identification system (AutoID)			✓*	✓*
Export to CNC controls (NC option)			✓	
Measuring equipment and test specifications			✓	

*Configuration of "CS-Box" required

*Promise: Your data are and stay your property!
Dispose of your tool data whenever you like.*

In the unlikely case that CS-ToolPal does not meet your expectations, you will receive your tool data for further processing 3 weeks after the contract termination becomes effective.