

# Tool Register

Tool Management is an option which provides system support for managing and administering different tools used in the operations. This applies to everything from large machine tools to small hand tools and also measuring tools, consumable tools and different special tools.



## Tools in MONITOR

The Tools option is a separate sub-module in the Manufacturing module, and it consists of a number of procedures used to configure, maintain and use the tool register.

## Functions Included in the Tool Register

### Tool Groups and Tool Registers

In the tool register you can link tools to different tool groups. The tool groups then have different properties depending on the type of tools of which the group consists for example calibration info, purchasing info, etc. For measuring tools, you can also use a color coding system according to the prevailing standards.

## The Tool Depot Register

This register is used to manage all the manual tool withdrawals and returns. This is usually applied for hand tools that are borrowed and returned to the tool depot. You can also book a tool for later use (withdrawal).

## Using Tools in Preparations and Orders

When you are creating preparations for parts, you can also link tools to operations. You can enter a quantity of tools per operation in a tool list. When an order is placed for such a part, these tools are automatically reserved, and both the tool and tool location can be displayed on the manufacturing order document. All tool withdrawals and returns also take place automatically.

## Following Up and Tracing Tools

By using the Tool Info procedure, you can see all reservations, withdrawals and planned purchases for the tools.

Tool Info [V1010]				
Tool no: V1010		Name: Fixtur till boxsvep		
General	Adjustment	Purchase	Planning	
Withdrawals	Withdrawn on	By whom	To whom	Expected return
Reservations	Plan date	Type	Order	To whom
	02041	Manufacturing	1927	
	02045	Manufacturing	1928	
Planning	Period	Type	PC Order	Suppl/cust.

## Simultaneous Orders Using the Same Tool

It is possible to see which orders that can be manufactured "simultaneously", i.e. orders that have reserved the same tools. This is done by applying a tool filter in the Priority Planning procedure in the Workshop Info module.

## Tool Rejection

The system also allows you to reject and scrap tools that have been worn out.

## Tool Consumption

When using tools that are classed as consumables e.g. tools for cutting machines, you enter in the preparation how many cycles that the tool can be used before it is consumed.

## Calibrating and Adjusting Tools

You can register information about tools that need to be calibrated or adjusted with regular intervals, or after a certain number of cycles. It is then possible to create calibration bases for those tools that need to be calibrated or adjusted.

## Tool Inventory and Tool Inventory Values

The system allows you to perform physical inventory of tools, and you can also create inventory value lists for tools depending on if the tool should be registered as a fixed asset or not.

## Tool History

The Tool Log procedure allows you to view all transactions that have been performed on a tool and you can follow the tool's history. You can also see the physical inventory differences and return statistics or tool consumption information.