

GARANT Tool24 Smartline

Valid until 31.07.2017



QUICKER. MORE MODULAR. SMARTER.

GARANT Tool24 Smartline – 24/7 on hand to help you.



GARANT Tool24 Smartline

Flexible automatic issuing systems for efficient and reliable supply of tools

The new GARANT Tool24 Smartline concept is impressively simple:

Sturdy tool cabinets with up to 90 drawers offer you round the clock access to the desired items. Intuitive software allows you to make your selection quickly, be it by scanner, key word search or article number.

And if at a later time you need to grow the system, just "dock on" further units:

Extend the functionality of your existing system with additional Smartline cabinets, individual cabinet concepts or a software update!

The advantages to you:

- Master cabinet with 11 drawers.
- Can be extended by Plug & Work.
- Short delivery times.
- Individual software packages.



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Quick and intuitive user login

- PIN / password
- RFID access
- Fingerprint



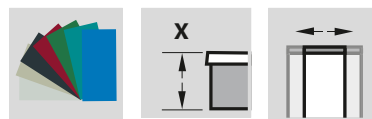
Many connection options

- Network interface for connection to the company's network
- Connection to materials management systems (ERP systems)
- Management of external stores



Individual software packages

- Automatic ordering processes
- External administration
- Graphical evaluations
- User group management
- Individual authorization system
- Search by barcodes
- Different languages available



Modular cabinet concepts

- Matching cabinet colours
- Individual choice of drawer heights
- Two different cabinet widths



Drawer fittings configurable

- Drawer dividers
- eForm rigid foam inlays

Excellent service from a single source.

THAT'S WHAT WE DO. TURNKEY PROJECTS.



Advice

Our know-how is available to you throughout the project, from discussing your requirements right through to commissioning.

We will work with you to develop a solution tailored precisely to your requirements, thereby making your working practices more efficient and delivering a sustained increase in your productivity.

- Comprehensive network of advisors
- 50 eBusiness advisors throughout the world

Planning

Benefit from the advice and planning service offered by our eBusiness experts. You will be impressed by the available options for customisation. You will receive a detailed and practical design of your tool issuing system, including a proposal for the individual division of the drawers for storage of your items.

- Standard or customised systems
- Systems can be extended on a flexible basis
- Variable drawer division options

Quotation

In our quotations you can depend on full cost transparency, with no hidden costs. This gives you maximum security of planning and investment. If you are considering alternative financing models for the purchase, please contact us. We will be pleased to offer advice.

- Binding and transparent
- Security of planning and investment
- Turnkey project management



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Delivery

Benefit from the very best in delivery services. Our standard systems are available ex stock from our workstations and storage centre near Munich. Our special transport network guarantees you careful and reliable transport to your place of delivery.

- Standard systems available ex stock
- Careful transport via a special delivery network

Commissioning / training

Installation, commissioning and training for your users. By professionals for professionals. Our advisors will prepare the basic data for you and commission the tool issuing system for you. After successful commissioning they will train your users and administrators so as to familiarize them with your new system.

- Trained installation staff
- Professional commissioning
- Official handover to the Project Manager

After Sales

We will still be available after successful installation. Our competent service hotline and our eBusiness advisors will be happy to advise and assist you. We also offer individual service packages.

- Service hotline
- Maintenance contracts
- Update service
- System extensions

Customer opinion

"Shorter paths – better efficiency – satisfied users"

CONTINUOUS AVAILABILITY OF TOOLS HAS RECENTLY MADE LIFE MUCH EASIER FOR THE FITTERS AT DB FAHRZEUGINSTANDHALTUNG GMBH IN NEUMÜNSTER – THANKS TO THE INNOVATIVE GARANT Tool24 SMARTLINE SYSTEM.

At DB Fahrzeuginstandhaltung GmbH in Neumünster the works management wished to ensure the 500-strong workforce had 3-shift, easy, round-the-clock access to the tools they needed. At the same time they wished to significantly reduce the time spent by employees going to fetch tools. As there were various workshops distributed across the site, the process of fetching tools took longer and represented wasted time.

Therefore, in close cooperation with the DB employees themselves – who would have to use the tool management system on a day-to-day basis, and make it work – and Hoffmann Group Customer Service, an individual system was developed, tailored to the special require-

ments of the fitters. This reduced the burden on the fitters and succeeded in significantly optimising the daily operations.

Deutsche Bahn's attention had been drawn to the GARANT Tool24 Smartline System by the website and information provided by the Hoffmann Group, and further particulars were provided in the course of meetings with the relevant Regional Sales Manager of the System Partner for Quality Tools. What finally convinced the DB Project Managers and a group of employees from the DB Vehicle Maintenance Division was a visit to the company Krones, which had been successfully using the system on a large scale for a long time.



Tool issuing system at
DB Fahrzeuginstandhaltung GmbH



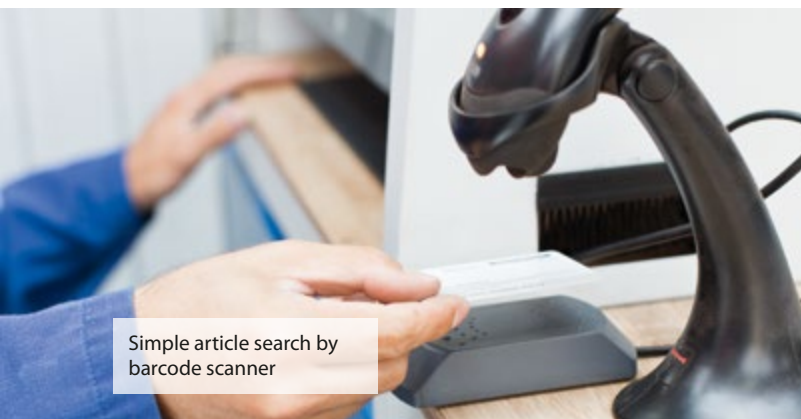
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"The high quality of the GARANT product and the outstanding advice provided by the Hoffmann Group during the planning and design concept phase gave us the final impetus to choose GARANT Tool24 Smartline Systems", says Jovany Krämer, Stores and Logistics Manager at DB Fahrzeuginstandhaltung GmbH in Neumünster. In addition he declared with satisfaction: **"The use of the innovative tool management system has enabled us not only to improve our operations by reduced times for fetching tools and continuous round-the-clock availability of tools; it has also significantly raised the job satisfaction of our employees."**



DB Neumünster – comprehensive supply thanks to Tool24 Smartline

The new GARANT Tool24 Smartline is used many times a day at DB Fahrzeuginstandhaltung GmbH in Neumünster and simplifies fitters' access to tools – especially during the night shift when the normal tool stores are no longer staffed. Fitters can serve themselves from the sturdy cabinets with up to 90 drawers. In addition, the required tool can be quickly identified, thanks to the intuitive software with search by scanner, key word or item number.



Simple article search by barcode scanner



User login by RFID user card



Reliable round-the-clock supply of tools

Lots of room in a small space

MODULAR & ROBUST TECHNOLOGY FOR ANY NUMBER OF ITEMS



Type		S11M	S11M-EN	S13	S54	S90
984 97 9000	Tool24 Smartline cabinet system with drawer dividers	5595.-	5595.-	3925.-	7285.-	12330.-
Storage area	m ²	4	4	4.8	5	8.4
Height	mm	1390				
Width	mm	717	717	717	717	1159
Depth	mm	750				
Drawer usable width	mm	612	612	612	153	153
Drawer usable depth	mm	612				
Number of drawers		11	11	13	54	90
Division within a drawer		36×36 units	36×36 units	36×36 units	9×36 units	9×36 units
Weight	kg	249	249	246	404	640
Fittings: Number of drawers × drawer front height		1 technical drawer 10×75 mm; 1×150 mm	1 technical drawer 10×75 mm; 1×150 mm	12×75 mm; 1×150 mm	48×50 mm; 6×100 mm	80×50 mm; 10×100 mm
Contents: Drawer dividers		10×960310_4+18; 1×960330_3+14	10×960310_4+18; 1×960330_3+14	12×960310_4+18; 1×960330_3+14	200×960540_149; 12×960560_149	340×960540_149; 20×960560_149
Supplied with:		Touch screen 22"; barcode scanner; PC including software package BASIC	Touch screen 22"; barcode scanner; PC including software package BASIC, operating system in English	—	—	—

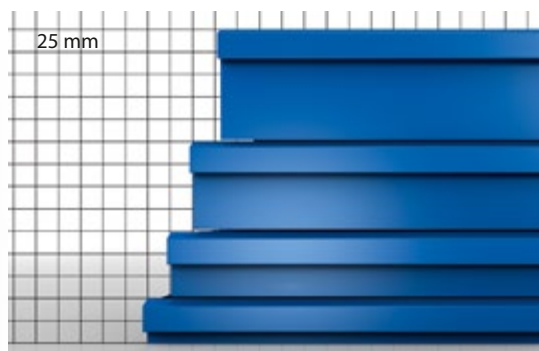
As individual as your requirements

CONFIGURE YOUR PERFECT TOOL ISSUING SYSTEM

9002	7035	7005	7016	6011
5018	5012	5011	5005	3003

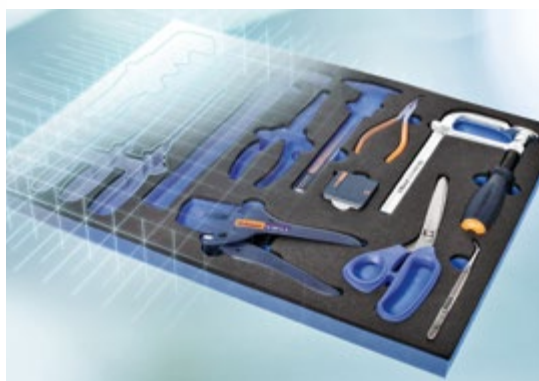
Colours

You can select from 10 RAL colours for the cabinet body and drawers. Other colours are available at an additional charge.



Drawers

Two different drawer widths are available. Both can be configured in 25 mm steps to the height appropriate to your needs. In this way you can specify your drawers to match exactly the size of your cutting tools and measuring tools.



Drawer dividers

You have a choice of different drawer divisions. These include rigid foam inlays and also plain divider sets. As you would expect, the divider pitches correspond to those in our catalogue.

When ordering eForm, please make sure the inlay sizes match the drawers!

Individual software solution

TAILORED TO YOUR NEEDS

Our individual software packages allow you to manage your tools in the most effective way, and to optimise tool usage.





Software package	BASIC	COMPACT	COMFORT	PROFESSIONAL
Multi-supplier capable	●	●	●	●
Multi-language	●	●	●	●
Automatic order planning	●	●	●	●
Standardised evaluations	●	●	●	●
Connection to ERP system	●	●	●	●
Management of new tools	●	●	●	●
User management	●	●	●	●
Supplier management	●	●	●	●
Individual layout	●	●	●	●
Cost centre administration	●	●	●	●
Commodity group hierarchy	●	●	●	●
Installation of new modules with Plug&Work	●	●	●	●
Login by RFID and fingerprint	●	●	●	●
Shopping cart management		●		●
Management of external stores		●		●
User-specific favourites list		●		●
Regrinding service		●		●
Return of blunt tools		●		●
Graphical evaluation		●		●
Job number management		●		●
Individual evaluations			●	●
Parts list management			●	●
Allocation to jobs			●	●
Measuring tools management			●	●
Networking of GARANT Tool24 systems			●	●
Loan tool management			●	●
External administration				●

An integral part of your process optimization

IRRESPECTIVE OF WHICH STRUCTURES OR PROCEDURES YOU USE, OR THE SIZE OF YOUR BUSINESS – GARANT TOOL24 SMARTLINE WILL PROVIDE SUSTAINED INCREASES IN PRODUCTIVITY FOR YOUR PROCUREMENT AND SUPPLY PROCESSES



Connection to materials management systems

You can link the GARANT Tool24 Smartline to your Materials Management System and thus exploit the advantages of your existing infrastructure.



External administration

You can use an external computer to access the GARANT Tool24 Smartline via a web interface. Thus you can make dispositions or perform evaluations irrespective of the location of the tool issuing system.



"Thanks to the utter simplicity of integrating the Tool24 Smartline Tool Issuing System into our production procedures, we have achieved sustained increases in productivity. Supply problems are now a thing of the past, and in addition we have been able to reduce the number of tool purchase orders by 50%."

Maik Maske, K.H. Maske & Söhne GmbH



Management of external stores

Do you have multiple stores that you wish to manage using the GARANT Tool24 Smartline?

You can integrate as many stores as you like into our system. This allows you the facility to manage other stores (such as storage racks) using your GARANT Tool24 Smartline. This means you avoid duplicate stocks and you always know exactly where each item is located.

Customer opinion

"50 percent fewer tool purchase orders!"

BE IT REDUCTION OF SET-UP TIMES, AUTOMATION OF ORDERING PROCEDURES OR CENTRAL RESOURCING – AT K.H. MASKE & SÖHNE GMBH IN BÖNNINGSTEDT THE GARANT Tool24 SMARTLINE SYSTEM CONTINUES TO ADVANCE WITH RESOUNDING SUCCESS.



One of four GARANT Tool24 tool issuing systems at K.H. Maske & Söhne GmbH

K.H. Maske & Söhne GmbH had for some time been seeking a suitable system that would allow the tedious searching times to be optimised. Also, over the course of time each employee had built up his own stock of tools, which in total represented an enormous amount of working capital tied up in tools.

Maik Maske, son of the Managing Director Michael Maske, remembers: **"We kept on reordering, without ever really having enough of everything to hand. And because the set-up times were taking much too long we came to a decision: let's test a system that will give us one central point at which everything will be stored; a system that will also be software-driven. So we would reorder only when stocks fell below the reorder point."**

Maske had become aware of GARANT Tool24 Smartline some years previously at the EMO where Hoffmann Group was demonstrating one of these innovative cabinet systems on its stand. Maske started using Tool24 Smartline for the first time in 2013. **"We started with two large systems",** recalls Maik Maske. **"Measuring tools and cutting tools, one system for loan issues, the other for reordering. That was an instant hit and was well received. For me, one feature not to be underestimated is the commercial aspect, since you can call up an inventory statement effectively at the push of a button."**

Recently the GARANT Tool24 Smartline has been commissioned even in the outsourced turning shop. Until now we have had an antiquated cabinet system there, which offered only the facility to withdraw



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whole packs each of ten indexable inserts.

Maik Maske: **"That was just far too much. Mostly, one insert was enough, or at most two."**

In practice the advantages of the GARANT Tool24 Smartline can be seen in many different ways. Set-up times have been significantly reduced, and the ordering procedures automated. Central positioning also avoids unnecessary searches and enquiries.

"Problems whereby at the critical moment the required drill was unavailable no longer happen", says Maske. "In addition, we have been able to reduce the number of tool orders by between **40 and 50 percent.**"

At Maske, which has an annual turnover of 17 million Euros and operates on 2 shifts, and in two shops even on 3 shifts, they continue to rely on Tool24 Smartline. In fact, they are considering investing in further cabinet systems, as Maik Maske says: **"In our main production shop we have been able to use one system for measuring tools and we want to extend this to cover every workshop."**



Issuing of measurement and test equipment as "loan tools"



K.H. Maske & Söhne GmbH – the best in the North

For more than 45 years, Maske has ranked as one of the leading CNC production companies in North Germany. Their expert knowledge ensures that even the most difficult jobs can be completed quickly and accurately. With its 61 active very modern CNC machines and a highly motivated team of employees currently numbering 87, Maske has developed an outstanding reputation which extends far beyond the region of North Germany. Be it prototypes or complete fully finished assemblies, in materials such as steel or special alloys such as titanium – at Maske every job is implemented using high-precision CNC machines. The customers come from the medical technology and machine tool sectors, and also from the oil industry and the fields of renewable energy, delivery vehicles and locomotives. Maske has five locations in Bönningstedt, with a total available production area of 4,300 m²; so even jobs with large volumes can be handled without problems.

Karl Heinz Maske & Söhne GmbH
 Ellerhorst 8
 25474 Bönningstedt near Hamburg
www.cnc-maske.de



Hoffmann Group advisor in conversation with Hr. Maik Maske (on the right)

GARANT 360° Tooling

High-performance services for more productive machining processes



GARANT eTool

Consistent tooling data for CAD / CAM systems



GARANT ToolScout

Intelligent tool selection and technology data determination



GARANT ToolConcept

Component-related machining concepts to support production planning



GARANT Tool24

Flexible automatic issuing systems for efficient and reliable supply of tools



GARANT ToolGrinding

Original regrinding for the best tool performance and longest tool life



GARANT ToolRoom

Individually planned workstations and storage for structured CNC workstations



GARANT ToolAudit

Measuring tools linked to production for reliable machining results

The advantages to you:

- High-performance services from a single source
- Professional technical advice
- More productive machining processes



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