RFID Tool Dispensing Cabinet

– automated tool management for more safety and efficiency

Distributing RFID system

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RFID-TECHNOLOGY

01 RFID TOOL DISPENSING CABINET: CONTROLLED DISPENSING OF TOOLS IN SECONDS

Who works where, with which tool? Does the employee have the authorisation needed? Has the tool collection been booked? Does the tool management process work efficiently? Key questions asked in every place that works with sensitive, valuable tools. Friedr. Dick has the answer to these questions – with the RFID system.

The complete system of hardware, software and RFID tools provides immediate and fully automatic tracing of tools used, as well as providing documentation under quality guidelines.

NEW: RFID tool dispensing system with dispensing cabinet

The unmanned RFID tool dispensing system for safe, fast and efficient supply of goods and tool management, via an RFID tool dispensing cabinet, is new at Friedr. Dick. The tools will be available at any time. Single tools or groups of tools, even in packaging units or means of transport, can be collected in seconds. An LED bar indicates the collection boxes via a visual signal to where the required tool is stored, for the purposes of better orientation.

RFID tool dispensing cabinet:

Modular concept, flexible and expandable

+ DESIGNS
- Standard stainless steel system
- Various combinations with coloured powder coatings for an additional fee

+ CONFIGURATION
- Various cabinet configurations with a maximum of 16 boxes
- Variable classification possibilities, individual assembly
- Can be connected to ERP system and company network

+ DATA
- Weight per shelf: maximum 8 kg
- Maximum load: 200 kg total
- Protection class: IP 65
- Dimensions: W 100 cm x D 60 cm x H 215 cm

02 TOOL MANAGEMENT WITH KNIFE*INSPECTOR* SOFTWARE: SEAMLESS TRACEABILITY AND CLEAR ALLOCATION

The doors of the RFID tool dispensing system open automatically after employees have been authorised. In order to do this, they must sign in with their PIN or RFID card on the touch screen of the cabinet. User authorisation is managed on an individualised basis by the software Knife*inspector*. Employees can be barred from certain sensitive products.

→ **Quality awareness and self-responsibility**
RFID readers which immediately record and clearly classify all processes via a permanent inventory are integrated into the tool dispensing cabinet. A constant target-actual data comparison provides live data regarding the stock in the cabinet, tools in the vicinity and the history of collections and returns. Exchanged, missing or faulty tools are displayed live via the Cockpit display. This makes employees aware of how to deal correctly with high-value tools, and develops more quality awareness and self-responsibility.
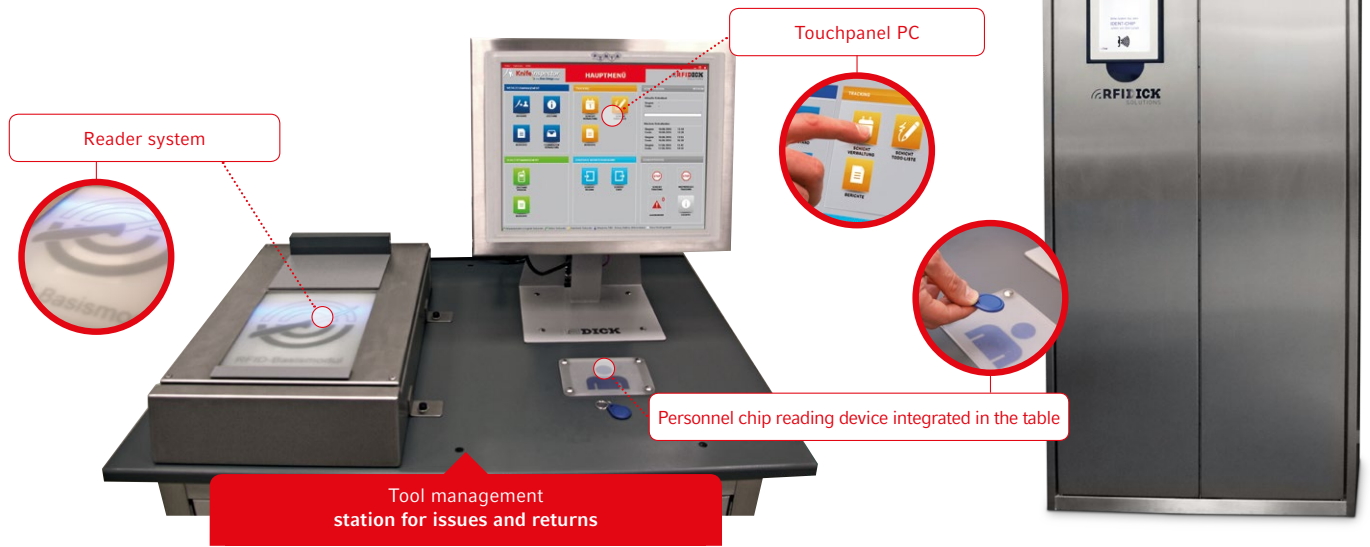
03 BENEFITS OF THE RFID TOOL DISPENSING SYSTEM:

✓ Tools available at any time

✓ Constant up-to-date stock take by means of permanent inventory

✓ Reduction of improper and / or unnecessary collection of tools, and thefts

✓ Reduction in number of thefts

✓ Raised efficiency of work processes

✓ Unmanned tool dispensing

✓ Increase in product safety and quality standards

✓ Significant decrease in costs for entire tool management system

04 THE COMPLETE RFIDICK SYSTEM

Touchpanel PC

Reader system

Personnel chip reading device integrated in the table

Tool management
station for issues and returns

05 KNIFE*INSPECTOR* SOFTWARE

The Knife*inspector* software can be used to analyse tool management data. It will give you a good overview of individual use of tools, and create a basis for an exact analysis of costs. Knife*inspector* is a network-compatible software, and can be connected to an ERP system or your company network in a variety of ways.

The Knife*inspector* software consists of:

TOOL MANAGEMENT
Recording, status requests, documentation, traceability and assessments of all data

EMPLOYEE MASTER DATA
Recording defined employee data

PRODUCT MASTER DATA
Product master data transferred from tool master database

ASSESSMENTS AND ANALYSES
A variety of reports are available, along with immediate status requests

TOOL TRACKING
Complete traceability. Cockpit for clear display and monitoring