RFIDICK
SOLUTIONS

RFID-TECHNOLOGY

Traceability and Quality Control Tool Management
– fully automated and without any interruption of working procedures

REYSAN ATLANTIC®

01 THE NEW SAFETY STANDARD

With the RFID system, you score better.

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.

01. Your tool management

02. Your tool tracking

03. Your quality management

04. Your individual tracking requirements

You will receive a complete and fully automated overview of your tools – their status, condition,
historical location, where they are currently being used or stored and the personnel to whom they
have been allocated – at any time, without any interruption of regular operations.

→ **Higher safety standards:** costly down time caused by damaged or lost tools can be reduced,
and employee awareness raised.

→ **Fewer thefts:** each individual knife or tool can be identified explicitly. Its full history can be
traced and you can see to whom it is currently allocated.

→ **Quality management also stands to benefit:** with the RFID system you can comfortably
meet the requirements f. e. of the International Featured Standards (IFS) and confirm your quality
standards during customer audits.

→ **Additional advantage:** the modular system is flexible and can be adapted to your business
premises and individual requirements.

→ **Reduced costs:** fewer cases of mechanical damage and batch contamination.

→ **Enhanced overview:** precise cost analysis through simple evaluation of data and individual knife use.

TOOL MANAGEMENT № 01

- Tamper-proof, individual lifetime coding based on the RFID transponder

- No costly manual labeling of the tools is required

- Quick, direct allocation of multiple package tools to the employee. The tools must not be measured individually

- Fewer thefts

- Inventory overview and documentation of all tools issued, in circulation and in service

- History and tracing from issue through to disposal

TOOL TRACKING № 02

- Full traceability

- Rapid contactless registration at all entry and exit points

- Reduction of costs, resulting from:
  1. *fewer cases of mechanical damage caused by lost tools*
  2. *reduced risk of down time, e.g. due to lengthy searches*
  3. *speedy tracking in case of a reported damaged incident*
  4. *documentation for insurance purposes*

- No interruption of normal business operations

- Awareness of staff will be increased, as responsibility can be individually assigned

- Cockpit for clear display and control

QUALITY MANAGEMENT № 03

- Automatic documentation in accordance with safety guidelines

- Comprehensive monitoring of working procedures

- Spot checks / status queries directly in the workplace using mobile handheld device or manual records

- Rapid response times, e.g. in the case of defective tools

- Tool checking: unauthorized tools can be blocked

- Detailed documentation with to-do lists for fault correction

INDIVIDUAL CUSTOMER TRACKING № 04

- Monitoring of additional internal guidelines. Registration stations are modularly applicable

- Automatic documentation *Registration of all tools*

- Manual tests and supervisory procedures can be revised or discontinued.

- Daily tool issuance with allocation of the tools used, including tracking

- Additional registration stations: grinding room, cleaning, etc.

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

The unmanned RFID tool dispensing system for safe, fast and efficient supply of goods and tool management, via an RFID tool dispensing cabinet. 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

04 TOOL MANAGEMENT WITH T³ TOOL TRACK+TRACE 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 T³ TOOL + TRACK + TRACE. 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.

05 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**

06 IT ALL STARTS WITH THE RIGHT TOOL: THE F. DICK KNIFE SERIES WITH RFID TECHNOLOGY

For the RFID system we have developed special knife series with a turquoise handle that stand out visually from our other knife models. The knives come with RFID technology. RFID stands for ‚radio frequency identification'. The system supports the automatic contactless identification of objects, and so simplifies the registration and tracking of data to a considerable degree.

Special features:

((•)) **Integrated RFID chip with tamper-proof coding**

✓ **Each knife or tool becomes an individual and unique specimen**

👤 **Clear allocation to speecific members of staff**

✓ **Automatic and seamless tracing**

✓ **Replaces tedious and costly manual labeling**

Of course the F. DICK ErgoGrip RFID, MasterGrip and Expert-Grip RFID knives have all the outstanding advantages associated with our products which have made us so successful worldwide. **Here are the most important benefits at a glance:**

RFID technology features in all kinds of tools:
– knives
– sharpening steels
– knife baskets
– protective clothing
– ... etc. etc.

+ **Tried and tested grip concept: gap-free, non-slip and hygienic**

+ **Long blade life means less honing and grinding**

+ **Balanced hardness, significantly less consumption of materials**

+ **Special handle for painless and effective work**

+ **Long-lasting polished blade, corrosion-resistant**

07 THE COMPLETE RFIDICK SYSTEM

Reader system

Personnel chip reading device integrated in the table

Tool management station for issues and returns

08 TOOL TRACK+TRACE SOFTWARE

The T³ TOOL + TRACK + TRACE 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. T³ TOOL + TRACK + TRACE is a network-compatible software, and can be connected to an ERP system or your company network in a variety of ways.

The TOOL TRACK+TRACE 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