



Manage at the Box or on the Network

Snap-on Level 5™ ATC system boxes are network-ready, either through Ethernet or wireless connection. That means you can review activity at all the

Level 5 ATC boxes in your location from a central computer—you don't have to physically inspect each box.

Powerful Administrative Software

Level 5 ATC tool boxes are networked, either wirelessly or by Ethernet and managed by powerful, easy-to-use software. The administrator can view all the boxes on the network, whether they are on or off-line, and the status of each box—including the number of tools issued, the active users, and all history. System alerts—sending email or text

messages to supervisors, for example—can be customized for lost or broken tools or calibration requirements. Custom reports can be created on each tool's frequency of use, inspection and calibration dates, and other specific location requirements.



LEVEL 5 ATC
Tool Control System™

Platforms available:

- 36" single bank roll cab, approximate capacity 450 tools
- 54" single bank roll cab, approximate capacity 750 tools

Features and Specifications

- 1 year electronics warranty
- Extended warranty available
- 110V/230V AC power required
- Unlimited number of assigned users
- Networking through Ethernet or wireless
- 1 copy of ATC software required for each administrator



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Want to Know Where Your Tools Are?

Ask your Tool Box.



LEVEL 5 ATC
Tool Control System™

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Working at the Speed of Work

The Snap-on Level 5™ ATC system works at the speed you do. Open the box, get the tools, go to work. Other systems require additional steps to scan or log activity. We do it automatically so you don't waste time, and you don't need to depend on other steps to insure accurate results.

- No individual tool scanning required
- No RFID tags to install or replace
- No limitations on tool size—from 1/4" screw driver bit to as long as it fits in a drawer
- Intuitive interface—easy-to-use touchscreen
- Audible voice confirmation of tool removal and replacement
- Automatic locking
- Errors announced and displayed for incorrect tool position or drawer not closed

Introducing the Ultimate Weapon Against FOD and FME

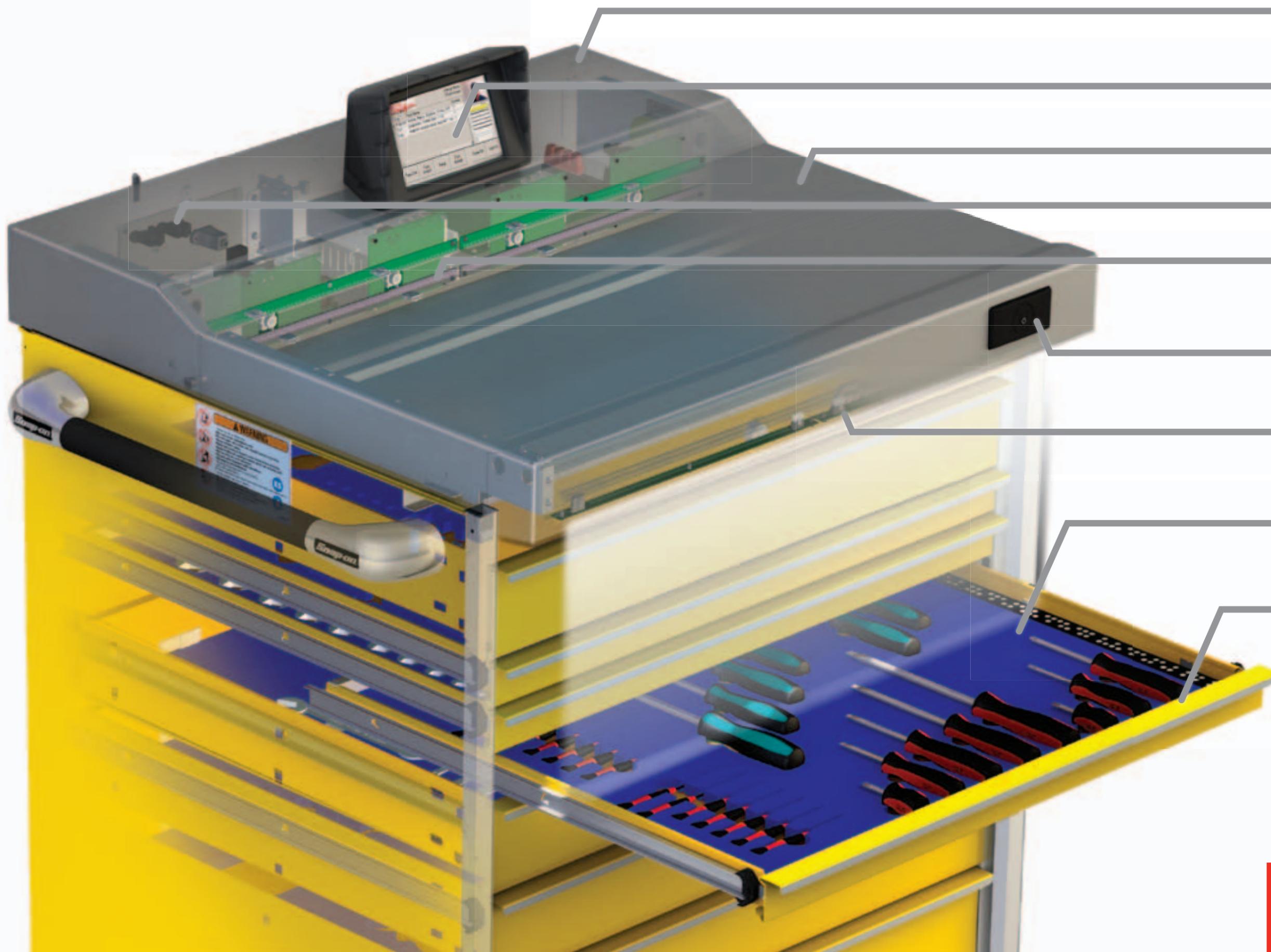
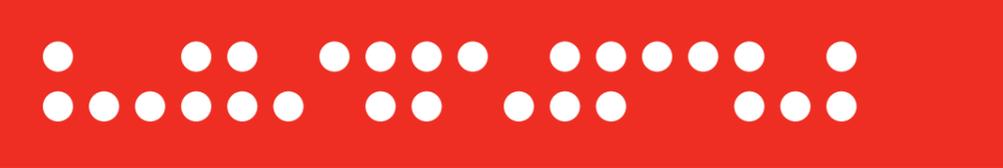
In aerospace, they call it FOD: Foreign Object Damage. In the power generation industry they call it FME: Foreign Material Exclusion. At Snap-on, we call it history.

Introducing a tool storage and control system engineered to automatically track individual tools by user without bar codes, scanners, RFID tags or other add-ons.



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Computer
Stores audit information both in spreadsheet and digital images

Display
Allows user log-in; indicates tools out of box and provides audit trail

Stainless Steel Work Surface
Fully-functional top surface work area

Network Connections
Connects to a wireless or Ethernet network

Digital Scanner
Scans each drawer as it is opened and closed; stores and compares images to track tool removal and replacement

HID Scanner
User scans HID badge; if authorized, the box unlocks

Mirror and Light System
Lights automatically engage when toolbox is unlocked

Drawer
Custom layout foam insert organizes tools. Part number in cavity aids correct replacement

Drawer Control Safety
Only one drawer can be opened at a time to avoid tip-over



Advanced Technology that Makes Tracking Tools Simple

Snap-on Level 5™ ATC system provides simple and user-friendly solutions for detecting tools issued from and returned to a tool box, providing a critical enhancement to your FOD/FME program. Using advanced digital imaging technology and proprietary software, the tool box automatically keeps track of its inventory by user, records which tools are removed and replaced, and when the transactions occurred.

How does it work? Level 5 ATC is a true tool control system. Based on the tool list that you supply, each drawer in the tool box is organized and each tool assigned to a unique space in the foam drawer liner. That information is then programmed into the scanning hardware fitted to the top of the box. As each

drawer is opened and closed it is digitally scanned, and the image is instantly compared with the baseline image of that drawer's contents. Any tool that has been removed or returned is identified and the computer makes an audible announcement: a tool has been removed or replaced.

Additionally, the computer tracks each tool removed and replaced by part number and user, and creates a database of all tools in and out—plus the digital images of the drawer contents at the time. This provides an audit trail of the last 15,000 transactions. Not only do you get the data for all activity, but you have access to the actual pictures of the drawer contents for verification.

Plug and Play vs. Some Assembly Required

Some solutions to FOD and FME problems involve attaching RFID tags, sensors or bar codes to the tools to track them. Additional operations and attachments can create significant additional cost and limitations by:

- Interfering with the normal use of the tool
- Using up additional real estate in the drawers
- Having limited usability on small tools like sockets
- Dislodging and becoming a new source of FOD

The objective of Level 5 ATC is to provide a system that can track all the tools going in and out, and do it seamlessly. The Level 5 ATC system is delivered to you complete. All the tools that you have specified are laid out and organized in the drawers; the inventory is programmed; and the system is ready to use.

Three Key Components that Work Together

Snap-on Level 5™ ATC includes three engineered components to organize and track tools:

- Drawers organized with foam cutouts
- Integrated digital scanning hardware
- Advanced proprietary software for visual-recognition and data recording

Snap-on advanced layout and design software, a product of more than 15 years of development and refinement, can create drawer arrangements to accommodate any unique set of tools. We program in the part numbers and the software creates the drawer configuration.

Once the tools have been installed in their proper place, each drawer is digitally scanned and the master image data is stored in memory.

Each time the drawer is opened, it is scanned and the software compares the drawer inventory to the stored master image and notes which tools have been removed or returned.

Access to the tool box is controlled by an HID proximity badge which provides user identification to the system. The software can be configured to require the user to specify the location where the tools will be used from a

menu of choices, and then unlocks the box for the user to select the tools. As the tools are removed the software tracks the activity and a voice announces how many tools are removed or returned in each drawer. A data file is generated that assigns all tools removed by part number to the particular user, and the information is stored in an audit trail that can accommodate 15,000 transactions. A digital image audit trail is also created and available for review. Maximum trackability and accountability is supported.

The display screen on the box codes each drawer yellow for the period of time that tools are signed out, so there is an instant visual indicator of work in progress. A list of all tools signed out is readily available on screen, so supervisors can see who has which tools and where they are working.

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