



***Snap-on** Industrial*

**ALL TOOLED UP FOR**

**INDUSTRIAL**

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SERVING CRITICAL INDUSTRIES



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## **CRITICAL. ACCOMPLISHED.**

Snap-on Industrial designs, engineers and manufactures a wide array of professional tools needed in industrial settings, including custom tool kits, trade kits and advanced tool and asset storage solutions.

Products and services include hand and power tools, tool storage, diagnostic software, information and management systems, shop equipment and other solutions for vehicle dealerships and repair centers, as well as for customers in industries, including aviation and aerospace, agriculture, construction, government and military, mining, natural resources, power generation and technical education.

Snap-on Industrial is a division of Snap-on Incorporated, a leading global innovator, manufacturer and marketer of tools, equipment, diagnostics, repair information and systems solutions for professional users performing critical tasks. Founded in 1920, Snap-on is a \$3.7 billion, S&P 500 company headquartered in Kenosha, Wisconsin.

## **AT SNAP-ON INDUSTRIAL WE HAVE ONE GOAL: TO ENHANCE YOUR PRODUCTIVITY.**

With a dedicated team located in the UK, we have the capability to develop customised programs and solutions to meet your production and asset management needs.

As part of a global industrial business, we specialise in 'business to business' relationships. If your company is responsible for the procurement of your tools, we can help.



OUR TIMELINE

100 YEARS OF SNAP-ON | **2020s**

RUNWAYS FOR GROWTH | **2010s**

RAPID CONTINUOUS IMPROVEMENT (RCI) | **2000s**

EVOLVING TO SERVE MORE CUSTOMERS | **1990s**

SOARING TO NEW HEIGHTS | **1980s**

SALES GROWTH REQUIRES PLAN EXPANSION | **1970s**

CREATION OF THE FLANK DRIVE | **1960s**

BOOMING AUTO INDUSTRY | **1950s**

ESSENTIAL TO THE WAR EFFORT | **1940s**

DREAM ORDERS & NEEDS LIST | **1930s**

FIRST PATENT THE NO. 6 RATCHET | **1920s**

SCAN & VISIT  
OUR WEBSITE:



# HAND TOOLS

## A CENTURY AFTER REVOLUTIONIZING HAND TOOLS, THE INNOVATION CONTINUES.

Since introducing the first “5 do the work of 50” socket system in 1920, Snap-on® has ushered in one ground breaking hand tool innovation after another. While we continue to use the best raw materials and manufacturing processes, we’re also continually improving the features and performance of our tools. For instance, on the heels of our industry-leading Flank Drive® sockets, we created our FDX® sockets which deliver even more strength and turning power, because we know our reputation is only as good as the next Snap-on® tool you purchase.



**FLANK DRIVE® WRENCHING SYSTEM:** This proprietary system contacts the fastener flats, adding up to 20% more torque, while simultaneously preventing any rounding of the fasteners.



**FLANK DRIVE® PLUS:** By providing more flat-to-flat contact with fasteners, this feature delivers far more turning power than standard open and box-end wrenches.



**FLANK DRIVE® XTRA SOCKETS:** Our revolutionary FDX sockets deliver up to 25% more strength and 50% more turning power on damaged fasteners than Flank Drive® sockets, with a grippable outer wall for easier removal.



**DUAL 80® TECHNOLOGY:** Another exclusive Snap-on® advantage, this technology features dual pawls and up to an 80-tooth gear for a smaller ratcheting arc and greater power in less lateral space.



**VECTOREDGE CUTTERS & TALON GRIP™ PLIERS:** Our cutters and pliers deliver cleaner cuts and more pulling power, as well as greater comfort and leverage.



**TECHANGLE® TORQUE WRENCH:** Featuring advanced technology, our TechAngle® wrench is the most accurate way to achieve torque and angle-tightening sequences.



**STRONG AND ENDURING:** Forged from special steel containing a higher alloy content than other tool makers use, our hand tools perform better and last longer.



**PRECISE FIT:** Exact manufacturing tolerances ensure a tighter fit to fasteners and lessen the chance of slippage or damage.



**ACCESSIBILITY:** Snap-on continues to lead the way in designing tools that help you reach the increasingly challenging tight spots of today's Industrial applications.



**BREADTH OF LINE:** As this catalog demonstrates, if there's a need for it, we manufacture it. No one matches our depth and range of hand tools.



**“A SNAP-ON TOOL PERFORMS LIKE NO OTHER,  
OVER AND OVER AGAIN, FOR A LIFETIME OF USE.”**

# TORQUE & TENSIONING

## THE WORLD'S GREATEST FORCE IN ROTATIONAL

## FORCE

FOR EVERY TORQUE APPLICATION ACROSS EVERY  
CRITICAL INDUSTRY, PROFESSIONALS TURN TO SNAP-ON®



### ERROR PROOFING - WIRELESS CONNECTIVITY FOR REAL TIME PROCESS CONTROLS.

When defect-free is the only option, no one prevents potential failures – at the source, before they have a chance to move down the line – like Snap-on®. Our torque tools are part of your error-proofing efforts, allowing your processes to virtually eliminate defects. ControlTech-Link®, the torque system that applies to the most critical aspect of the production process, assures torque is being properly and accurately applied during the production process. It's next-level quality assurance and quality control from the company synonymous with quality.



### HEAVY-DUTY BOLTING - TONS OF FORCE. TONS OF EXPERTISE.

With critical industries come weighty issues: compromised structural integrity, extreme applications in punishing environments, and the high cost of failure. They require Snap-on's unmatched expertise. Our solutioneers bring on-the-ground experience around the world – from oil and gas in the North Sea to copper mines in South America, North American railroads and global power generation. They also advise on torque applications, customized engineering, technical proposals, integration with internal systems and more. When the cost of failure is high, Snap-on® helps ratchet up success.



### MECHANICAL MAINTENANCE - TORQUE THAT TIGHTENS UP MAINTENANCE.

To maximize industrial maintenance, professionals rely on the world's top producer of torque tools and solutions: Snap-on®. Our comprehensive torque portfolio elevates maintenance in critical industries because – as a key input to preventive maintenance – it helps avoid breakdowns, eliminates downtime and assures productivity in asset deployment, keeping refineries online, factories moving forward, wind towers turning and airlines' ground equipment doing their jobs. For torque that makes the industrial world go 'round – and keeps the economy in motion – it's Snap-on®.



### PRECISION ASSEMBLY - THE MOST COMPLETE TORQUE ASSORTMENT EVER ASSEMBLED.

No matter what you're assembling, Snap-on® has a line-up of torque tools like no other. Our selection includes a full line of torque screwdrivers for low-torque assembly, productivity-enhancing ergonomic handles and magnetic bit retention. Click-type torque wrenches with fixed, fixed-ratchet, compact or flex heads to match torque tools precisely to the manufacturing process. And ControlTech® electronic torque wrenches that combine accuracy, versatility, and programmability for use across the production floor. It all comes together with Snap-on®.



### SERVICE & TRAINING - PUTTING TORQUE TO THE TEST.

Because accuracy is the most important aspect of any torque instrument, Snap-on® puts all our tools to the test. Our electronic and digital torque testers, master calibration systems, portable torque acquisition meters, horizontal torque testers and transducers and torque comparators give you fast, precise readings to help keep your torque instruments error-free. And in instances when your tool's accuracy gets a little off – when it's dropped, misused, or even worn out – our calibration laboratories offer the equipment and expertise to get the torque back to pinpoint precision. By any measure, Snap-on® is the best.



**“SNAP-ON - WE GIVE YOU MORE  
TORQUE IN LESS TIME.”**

# Torque Drivers

Torque Drivers are ideal for low torque applications and are available in adjustable torque, torque preset and torque limiting models.

### Types Include:

- Torque Screwdrivers
- TPMS Adjustable Torque Screwdriver TechAngle® Screwdriver
- Torque Limiting Drivers



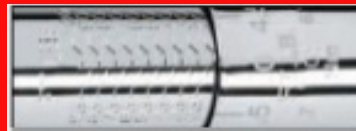
# QD Series

The QD Series of click-type Torque Instruments feature an innovative design that provides consistently accurate readings and rugged, trouble-free performance. The torque value is preset by turning the handle in a clockwise or counter-clockwise direction and then “clicks” when the user pulls and achieves the preset value.



### Four Different Head Styles Available:

- Fixed Ratchet
- Fixed
- Compact
- Flex



### Easy-To-Read Roll-Marked Scale:

- QD models with the “A or B” suffix have roll-marked scales for better performance and visibility in varying light conditions

# TechAngle® Series

The advanced technology and intuitive design of the TechAngle® Torque Wrench from Snap-on® makes it possible to tighten fasteners to exacting standards, under even the most demanding conditions, faster and with more accuracy than ever before.



### Advanced Features:

- DUAL PROGRESSIVE LEDs allow user to see active torque at various work positions; enables user to anticipate torque target for more accurate torque application
- LARGE LCD SCREEN with bright backlight; numbers become larger and bolder during active torque for optimal viewing
- FOUR ALERT MODES (LCD, LED, Audible, Vibratory) provide excellent feedback in all working conditions
- LOW PROFILE BUTTONS protect against accidental activation

### Multiple Measurement Modes:

- SIX MEASUREMENT MODES (ft-lb, in-lb, Nm, dNm, kg-cm, and angle) at the touch of a button

### Programmable:

- TEN PRESETS allow programming of common torque applications which saves time
- ADVANCED FEATURES include cycle counter, customizable sleep timer, language selection, auto torque calculation for torque adaptors, calibration alerts, battery level indication and numerous alert mode customizations. These features allow you to customize the torque wrench to your work preferences
- TORQUE THEN ANGLE MODE allows the user to torque fasteners and then switch to angle mode without removing the torque wrench from a fastener

### Multi-Lingual Display:

- Programmable to display commands and settings in English, Spanish, French or German

### Durability:

- POWER INTERRUPTION TECHNOLOGY prevents loss of continuity if dropped; prevents loss of work during head bolt pattern applications
- 2-YEAR WARRANTY on TechAngle® and Control Tech™ models
- STORAGE CASE included

### Highly Accurate:

- Torque measurement; 2% CW and 3% CCW





## ControlTech™ Series

With robust features such as multi-sensory torque indicators, multi-lingual display, USB data downloads, programmable settings and built-in calibration, Snap-on ControlTech™ digital torque wrenches deliver high performance in the most demanding fields.



ControlTech™ Electronic Torque Wrenches provide instant data on the exact torque actually applied, enabling a more precise torque application across multiple fasteners. Every model features a large backlit LCD screen for better visibility in a variety of working conditions and a high capacity memory for storage of 1,500 readings. And unlike click-type wrenches, digital wrenches tell the user when calibration is due, can be programmed for specific settings and stores a data trail for an extra measure of validation.

### Comes with lots of features:

- Multilingual Display
- LED Indicator Lights
- Calculates Rolling Torque
- Multi-sensory Indicators
- Dual 80 Technology
- Built-In Calibration Factor\*\*
- Fully Programmable
- Sequence Programming
- Calibration Due Indicator
- Reliable Data Trail
- Torque & Angle Combo Mode
- Convenient Data Download
- User-Friendly Displays



### Types Include:

- ControlTech™ Electronic Torque Wrenches
- ControlTech™ Bluetooth® Wireless Electronic Torque Wrenches
- ControlTech™ Link Electronic Torque Wrenches
- ControlTech™ Link Electronic Screwdrivers



## ControlTech™ Link System

### CREATE A WIRELESS DIGITAL TORQUE WRENCH NETWORK

- Wirelessly links to plant level manufacturing execution systems (MES) through Snap-on's new, cutting-edge controller
- Provides real time process controls for multiple operators and documents every torque event; eliminating redundant operations, mistakes, rework, and reducing warranty costs
- Can also be configured as a standalone data collection system, or control system
- Compatible with ControlTech™ Link Electronic Torque Wrenches & Screwdrivers

## Intelligent Cordless Torque

Specifically designed to improve performance and data traceability in safety critical and heavy industrial operations, the CTM is perfectly suited for all applications where conventional electric or pneumatic power is not available or simply in situations where the removal of hoses and cables are highly desirable for workplace safety



### Types Include:

- CTM1000 (250-1,000 ft. lbs.)
- CTM2000 (500-2,000 ft. lbs.)
- CTM3000 (750-3,000 ft. lbs.)

# POWER TOOLS

## POWER TOOLS THAT OFFER THE INDUSTRY'S MOST POWERFUL ADVANTAGES.

Whether powered by compressed air or lithium batteries, our power tools provide the perfect combination of power, comfort and control. Each is engineered to provide the right torque for the application at hand – not too much and not too little. And they're not only built to last, their multifunctional controls and ergonomic design provide easy, comfortable operation for hours on end.



**POWERFUL TORQUE:** Snap-on® power tools provide maximum power-to-weight ratios, giving you the strength to bust fasteners while maintaining overall balanced control.



**CORDLESS, NOT GUTLESS:** From our 18 V MonsterLithium to 14.4 V MicroLithium, our cordless batteries deliver the most power and run time in their class.



**COMPACT DESIGN:** We've eliminated unnecessary bulk to help you work in restrictive areas and access tight spots that only hand tools once reached.



**BALANCE:** A strategically-placed handle provides better overall balance, which in turn delivers greater control and productivity.



**ERGONOMICS:** No matter what size, every Snap-on® power tool is engineered for comfort, so you can perform just as long as it will.



**DURABILITY:** Drop testing and other stringent quality controls mean you can also take comfort in knowing these rugged tools are built to last.

## TOOLS THAT WORK AS HARD AS YOU



**“WHEN YOU NEED POWER, WHEN YOU NEED TO  
GET THE JOB DONE, RELY ON SNAP-ON.”**

# CUSTOM TOOLING

## IT'S WHAT WE ARE. IT'S IN OUR DNA, WE DON'T JUST MAKE TOOLS WE PROVIDE A SOLUTION.

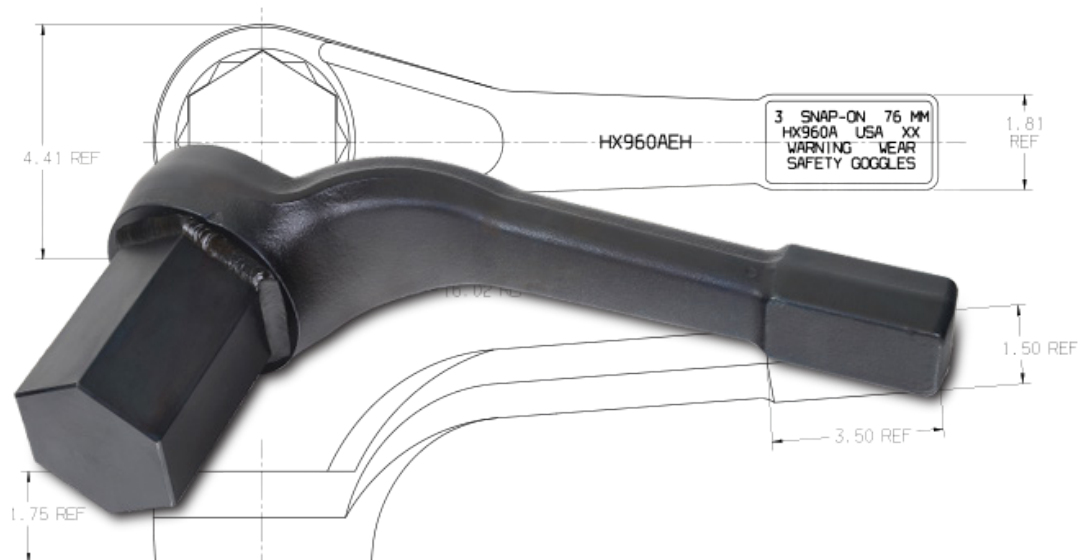
When there is the need for a tool but nothing exists or even comes close, you can rely on Snap-on to provide you the solution.

At Snap-on, our knowledge of industrial applications and how to make tools that do the job right, everytime, is what makes us the professional user's tool of choice. At Snap-on, we'll make you the exact tool you need.

Our expert account managers will discuss your precise requirements with you, fully appreciating every detail of what is expected from the tool you require. Our team then sets to work, compiling detailed engineering drawings and manufacturing process documentation to create prototype tooling you know you can rely on.

If you're designing new products, we can provide detailed CAD drawings of how a new tool will fit or turn, saving potentially costly rectification time or higher production costs later on. A Snap-on customised tool represents a real investment to your business.

No matter what your requirements are for a customised hand tool, talk to Snap-on, we may already manufacture it.





**“IT’S OUR MISSION TO PRODUCE THE MOST VALUED  
PRODUCTIVITY SOLUTIONS IN THE WORLD.”**



# TOOL STORAGE SOLUTIONS

## THE ONLY TOOL STORAGE AS LEGENDARY AS THE TOOLS IT HOLDS.

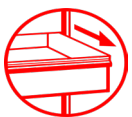
There's a reason why Snap-on® Tool Storage is the industry's gold standard. Actually, make that hundreds of reasons. Including invincible construction, unmatched innovation, almost endless customization and accessory options. Which means your tool storage can grow as your career grows. And no matter what stage you're at or where you work, we have the tool storage that fits your personal needs as well as your personal taste.



**POWERED TOOL STORAGE:** Our EPIQ, Masters and Classic Series roll cabs offer a PowerDrawer, including a USB ports, for keeping your tools charged.



**MOBILE STORAGE:** Whether it's roll cabs or carts, our tool storage systems roll smoothly and easily wherever you do.



**IMPULSE™ DRAWERS:** Flush finish drawers open easier, close smoother and stay closed without drifting open.



**LOCK'N ROLL® DRAWERS:** Our proprietary retention system holds drawers securely in place, preventing accidental openings.



**STRUCTURAL CONTINUITY:** Our special welding and bonding process for the corner gussets of every roll cab creates greater overall strength.



**DOUBLE WALL CONSTRUCTION:** Double walls guard against compromised drawer operation caused by dents and dings.



**HIGH-END PAINT:** Our ultra-tough powder coat process generates brilliant finishes in a wide array of colours.



**BUILD YOURS AT [ULTIMATOR.SNAPON.COM](https://ultimator.snapon.com):** Build the roll cab of your dreams by trying different configurations, colours, trims and features. Then print it out and share with your Account Manager.

## EPIQ SERIES

In addition to unmatched craftsmanship, EPIQ's innovative PowerDrawer provides outlets and USB ports for charging power tools, cell phones, lights and other essentials.

The LED PowerTop™ (available with a stainless steel or bedliner work surface) also powers laptops, power tools and more. The PowerLocker provides power in the locker while freeing up drawer space for larger storage needs. Better organization and efficiency is also provided, thanks to the innovative SpeedDrawer.



## MASTERS SERIES

Features like heavy-duty 6" ISO-Ride+™ casters, extra-wide drawers, high quality locking components, SpeedDrawer and the PowerDrawer with USB ports option make a Masters Series roll cab the ideal choice for performance, peace of mind and maximum productivity.



## CLASSIC SERIES

You can customize your Classic Series roll cab to suit your own needs and taste, with your choice of colour, work surface, lighting and protection package. You can also expand its capabilities with end cabs, a WorkCenter, lockers, a PowerDrawer with USB ports and overheads – on Day One or down the road.



## HERITAGE SERIES

From Lock'n Roll® drawers that won't drift open to double wall construction and gas-assisted lifts on top chests, the Heritage Series is packed with more features and advantages than you might expect. And in addition to accepting extra storage components as your tool collection grows, it also offers your choice of Red, Gloss Black, Electric Orange, Storm Gray, or Royal Blue colour options.



# LEVEL 5 TOOL CONTROL

## TOOL CONTROL THAT PUTS YOU IN COMMAND

For technicians, lost tools can kill a productive workday with wasted time. That's why Snap-on has kept technicians organized and productive since 1920. Now, over 100 years later, Snap-on offers the most advanced form of tool control in the industry: Level 5 Tool Control System™. From seamlessly integrated access control to fully automated systems that automatically monitor who has which tools and where they're working, the Level 5 Tool Control System™ improves every aspect of tool management. And it works with your crew, at the speed of work, to decrease downtime and improve productivity. That way everyone can concentrate on what matters most—the job at hand.

### ORGANIZATION



The more organized you are, the easier it is to get the job done right. Starting with a complete tool audit conducted by a Snap-on® Solutioneer, we'll help you determine the level of tool control you need and design a specialized tool set with your specific applications in mind.

### VISIBILITY



Finding the right tool for the job can take time—even more so if they're hard to see. Our visibility solutions decrease the time to know the tool is missing and find tools you need. Our selection of high-visibility tool handles, custom colour foam inserts, toolbox organizers, and pegboards don't just raise the visibility of your tools, they raise the productivity of your team.

### ACCESS CONTROL



Don't get locked in to using keys that can be lost or shared. Our tool storage units have Keyless Access Control, which means your teams have access to just the tools they need. You can configure the tool control to work with HID proximity badges or PINs. And with our proprietary software, you can control access from one system, or from your network. With our Access Control, you can keep productivity up while keeping unauthorized users out.

### ASSET MANAGEMENT



What if you could keep track of your key assets all from one place? With Level 5™ software system, you can. It provides full reports on everything you want to keep tabs on. It will even update you when a tool needs to be restocked or ordered. Our solution is designed to preserve your assets and your sanity.

### AUTOMATION



When you minimize human error, you minimize FOD and FME, and maximize productivity. Our Automated Tool Control handles all tool control and tracking automatically. Whether it's by digitally scanning every drawer or by using RFID tags to track large equipment, our systems notice which tools have been removed or added, and track each tool by part number and user. Keep an eye on your productivity, without getting in the way of finishing the job.





**Snap-on**

30



**LEVEL 5 TOOL CONTROL SYSTEM™ IS TILTING THE PLAYING FIELD.**

**Snap-on**

**LEVEL 5**  
TOOL CONTROL SYSTEM





# LEVEL 5<sup>®</sup>

TOOL CONTROL SYSTEM

- **STANDARDIZE WORK**
- **IMPROVE PRODUCTIVITY**
- **CONTROL INVENTORY**
- **REDUCE LOSSES**
- **INCREASE ACCOUNTABILITY**
- **CONTROL FOD**

Snap-on's comprehensive tracking and traceability Level 5 programme takes security and control to a completely different level. Level 5 is a complete management system, providing broader and deeper knowledge about your tool inventory and the people using it. Hardware and software solutions designed to the highest levels of control and accountability can be tailored according to your needs, giving you total confidence and greater peace of mind.

Snap-on Industrial offers a complete and unique portfolio of proven solutions to help your business become more productive, reduce inventory costs and help eradicate FME with a portfolio of tool management products that work in harmony with your business.

## L5 CONNECT SOFTWARE

**BUILT BETTER. BROADER ACCOUNTABILITY.  
MORE FLEXIBILITY. SOUND SECURITY.**

Gain access to industry leading and patented technologies that eliminate disruptions to work. Control tools and assets across the facility via single interface. Easily track tools that require serialization, calibration and repair. Achieve higher productivity with intuitive user experience with visual and audio cues. Customize to your tool control requirements with ease.

Enhance accountability with integrated data analysis tools and audit capabilities. View all assets in a focal point dashboard with customizable layout.



Control tools and assets across the facility in a single interface.

POINT OF USE  
ATC Box

POINT OF USE  
ATC Locker

TOOL CRIB  
True-Crib

TOOL CRIB  
**NEW** ATC Portal



# ATC

Ensuring tools are where they belong isn't just a question of being neat and tidy. Lost or missing tools aren't just an inconvenience, they lead to questions of being lost or stolen? They result in expensive downtime whilst found or replaced. They can even be life threatening if left behind within an aircraft or its critical flight controls or engines. They also deny the productive use of the tool or the aircraft returning to service.

ATC'S ground breaking technology eliminates poor working practices with simple, scalable tool control and centralised management access. At a touch of a screen you have all the information you need to keep total control of your tools.

**WANT TO KNOW WHERE YOUR TOOLS ARE? - JUST ASK YOUR TOOL BOX.**



# VCC

The Snap-on Visual Control Cabinet gives you instant access to your tools as well as accountability and inventory management. With the ability to securely keep your tools at their point of use with access restricted to only those entitled with a programmable up to 999 users electronic lock, VCC gives you full, flexible, tool and inventory management capabilities.

**VISUALLY MANAGE THE TOOLS YOU NEED AT THEIR "POINT OF USE."**



# NTC

NTC's flexible and expandable control system allows virtually limitless numbers of lockable tool storage units to be managed simultaneously.

By removing keys NTC brings control to who can and cannot gain access. By serialising tools with the TC Max bar code system tools are linked to a specific tool box giving additional control and security.

Through a hard or wireless connection virtually any number of boxes can be controlled within single or multiple locations, making NTC a central part of any reliable and robust tool control system.

**GET CONTROL OF YOUR TOOLS WITHOUT LOSING CONTROL ON YOUR TIME.**



# SNAP-ON® PORTAL

ADVANCED SELF SERVICE INVENTORY TRACKING EXPERIENCE



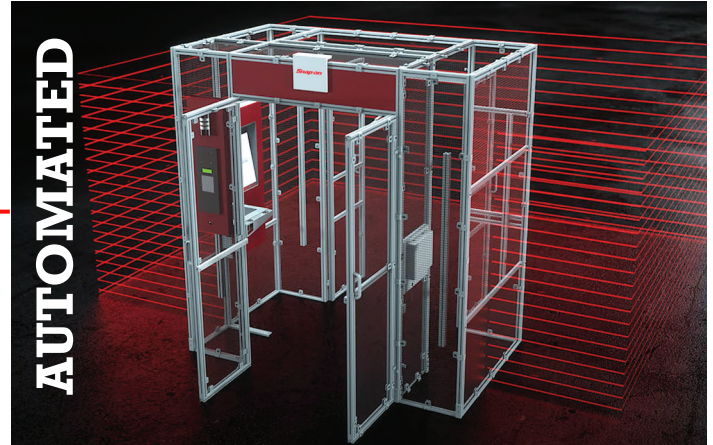
## PROVIDES A SECURE, ACCURATE, AND FLEXIBLE SELF-SERVICE INVENTORY TRACKING EXPERIENCE

A turnkey system of radio frequency identification readers (RFID) placed at a choke point to track movement of RFID tags in and out of a controlled area.

The portal is the perfect solution for applications where a high number of items need to be issued or where there are many large or bulky items and a great choice for smaller store rooms and cribs.

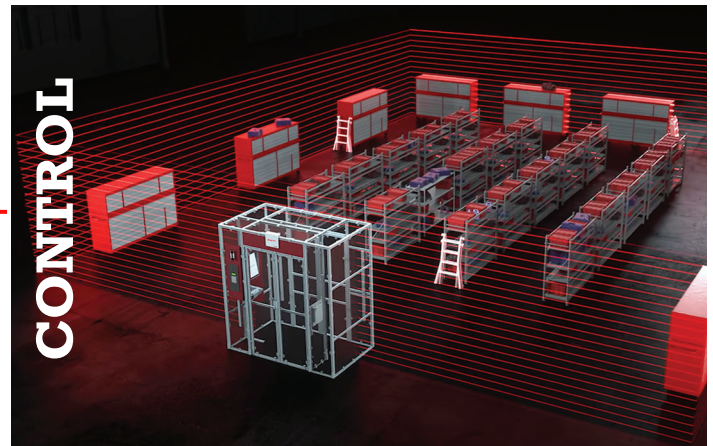
It's excellent for high traffic cribs because multiple employees can "shop" simultaneously which eliminates long lines at the tool crib.

vend and track an unlimited number of items at all different types, sizes and shapes with ease using the Snap-on Portal.



**AUTOMATED**

Utilizing RFID technology, the portal can control an unlimited number of inventory items through an automated gateway



**CONTROL**

Easily installed in any pre-existing tool crib or storage area providing control of your inventory



**VEND & TRACK**

Easy as checking in and checking out. The system tracks the issue and return of different types, sizes and shapes of items.



# AUTOCRIB®

## AUTOLOCKER® FX

This smart locker system is designed to be a modular storage and tracking solution. Our rack mounted approach lets you build a custom configured locker system for the unique needs of your company and purchase only what you call for. No need to purchase excess lockers and use up valuable floor space.

See-through windows with bright LED lighting allow the user to quickly identify the items they want and then issue them through an intuitive touch-screen user interface. Multistate LED status lights communicate which items are out on the floor and the status of the items inside the lockers.

### HOW CAN I CUSTOMISE MY SOLUTION?

You decide the frame size, locker size, optional features and weight capacity (AutoLocker FX Scale only). There are 16 different scaled modules and 22 standard doors and drawer sizes available for you to choose from. Modules come in a standard 24" (60cm) depth and a wide variety of heights and widths available that can be mixed and matched to provide a customized solution.



SCAN FOR MORE  
INFORMATION &  
SPECIFICATIONS



## ROBOCRIB® TX750

### INCREDIBLE BIN DENSITY

The system in its most dense (smallest) bin size configuration provides for up to 987 bins in roughly the same footprint as other competing vending machines. Our patented plastic bin shelf system, mated with the incredibly flexible tambour style door, gives the machine the ability to virtually eliminate vertical bin "height" waste that is common with fixed door machines.

### DRAMATICALLY REDUCE MAINTENANCE COSTS

AutoCrib's vast experience has found that reducing the number of moving parts significantly reduces maintenance. Utilizing a dual tambour eliminates over 15 separate sub-systems and greatly reduces maintenance costs.

### DISPENSE SQUARE PACKAGES OR BOXES

The RoboCrib® TX750 is the first machine that was specifically designed to dispense square or rectangular boxes or packages. This practically eliminates the need for repackaging items to fit in helix coil machines or carousels that use pie shaped bins. The dual tambour approach coupled with a machine that utilizes square bins allows for an incredible amount of flexibility in bin sizes from 2" (5cm) height to 60" (152cm) height.

### QUICKLY CONFIGURE AT THE CUSTOMER SITE

The simple user interface takes maximum advantage of the bin density and flexibility by simply sliding shelves into a rack. The machine walks you through a bin assignment process that is quick and easy. You can set up the machine with little to no prep work as you perform the initial stock or load.



SCAN FOR MORE  
INFORMATION &  
SPECIFICATIONS



# MOBILE TOOL KITS



## TOOLING YOU NEED. ON THE GO.

With the complexity of modern equipment, today's mobile engineers require far more from their tool kits than ever before. At Snap-on we understand the engineer's role to maintain, solve and repair problems quicker than ever before, ensuring their customer's asset is working to its optimum.

Our experience of producing high specification tool kits and complete van fit outs make us your ideal business partner of choice to maximise the effectiveness of your mobile engineers. Our knowledge of tools, drawer layouts and storage solutions maximise efficiency, optimise payload and mobility to place of work. Our ability to create customer specified tool kits enables us to be able to incorporate any proprietary equipment required by the engineer.

A mobile kit is a huge investment to your business and brand. A Snap-on mobile kit solution makes the most of your investment for years to come.



# A REPUTATION BUILT ON DAMAGE CONTROL



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.



Every year FOD and FME jeopardize safety on the job and in the air, and are responsible for worldwide aviation industry losses totalling in the billions. That's why, every year, Snap-on® does even more to get FOD and FME under control. Our integrated FOD and FME programs – from tool retention systems to our world-class Level 5 Tool Control System™ – work to eliminate FOD and FME, increase safety and efficiency, and reduce costs.

## FOD

FOD stands for “Foreign Object Damage” and refers to the damage, deterioration, impairment and much more, caused by foreign objects. The aircraft industry in particular is confronted by FOD because of increasingly higher speeds and big engines. Industries like aerospace, storage, shipping, military and similar branches are affected by the occurrence of loose objects, debris and even animals. Even the smallest parts can cause great damage. This might be paper clips, pens, packaging, stones, sand, ash, building materials, birds and much more.

## FME

FME stands for “Foreign Material Exclusion” and refers to the process of preventing the introduction of outside debris into an area or areas where that debris poses an economic risk or safety hazard. Simply put, it is keeping objects out of areas where they should not be. It is widely practiced across the nuclear power generation community as an attempt to increase nuclear safety and reduce power plant down time. Airport and airline operations utilize the same concepts to keep airfields clean and prevent debris from entering vital aircraft components. During construction projects, overhead workers employ FME procedures and equipment to protect those employees working below them.

## PREVENTION

The prevention of FOD is of significant importance. Snap-on® takes its responsibility as a tool brand and offers FOD tools. Even the smallest objects cause major damage in the aerospace industry. The loss of a small component such as a screw, which is released from a tool can have fatal consequences for man and machine. The unique and innovative tools from Snap-on® have been specially developed for the prevention of FOD. They provide security and control in connection with a sleek design.

### FOD RATCHETS -

feature rivets instead of screws for maximum FOD and FME protection



### CUSHION THROAT DIAGONAL CUTTERS -

catch and hold clipped wire ends.



### REVERSIBLE WIRE TWISTERS -

locking function retains wire clippings



# TOOLS@HEIGHT & SAFETY

## SAFETY AND PRODUCTIVITY

At Snap-on®, we know that safety AND productivity are critical to your company's efficiency and profitability. We also recognize that lost productivity can occur for a variety of reasons. That's why we designed the Tools@Height™ system to provide effective, reliable drop prevention that keeps your workers safe... and working.

### LEAVE IT TO THE EXPERTS-

Snap-on® will work with you to determine your drop prevention needs and provide a complete system to help your workers work safely and efficiently.

### RETAIN CONTROL

Our modular approach allows you to configure tools and holsters to your needs.



### SAVE TIME AND MONEY

Engineered attachment points don't interfere with the functionality of the tools.



1

2

3

### BEAT THE STATISTICS

About 70% of drops happen during the exchange of the lanyard from one tool to another. The Snap-on® Tools@Height System™ tethers each tool with its own lanyard, minimizing exchanges and reducing the likelihood of drops.



### MINIMIZE RISK

Independent tethering allows a tool to be removed and returned to its holster with one hand so the user can maintain the critical "three points of contact" when working at height exchanges and reducing the likelihood of drops.





**ANGER**

**ARNING**

THE MACHINE MUST NOT BE USED UNTIL IT HAS BEEN INSPECTED AND APPROVED BY A QUALIFIED PERSON.

CAUTION: NO HANDS OR FEET



**“TAKING SAFETY MEASURES TO THE HIGHEST LEVELS”**

# NOT JUST TETHERS. LIFELINES.

When professionals use tools at height, bad things can happen: tools can drop into hardware, engines and machinery. What's more, people can get hurt – or worse. That's why Snap-on® designed Tools@Height™, a tethered tool program for applications involving work being performed at height and where dropped or lost objects are a concern. In the industry's most comprehensive drop prevention program, all tools are engineered with a tethered system to maintain or enhance the tools' functionality, when used at height or near critical assemblies the Tools@Height™ program offers tools for both high- and low-level uses. It's one more way Snap-on® keeps strong ties with the professionals.

## TAKING SAFETY MEASURES TO THE HIGHEST LEVELS.

### ENGINEERED ATTACHMENT POINTS

Carefully placed attachment points are designed and tested to maintain the functionality of the tools.

### SAFETY INNOVATIONS

Four holes are better (and safer) than one. Snap-on® Tools@Height™ sockets, extensions, and adaptors feature a locking hole on all four sides, not just one. Snap-on® Tools@Height™ ratchets and drive tools feature a locking pin which mates with the side lock hole for positive retention. Typical competitor's sockets with just one side hole have increased risk of falling apart. Snap-on® Tools@Height™ assortment helps reduce the risk of damage to assemblies you are working on and – more importantly – people you are working with.

### A TURNKEY SOLUTION

From individual tools to custom-designed kits, we'll help create the systems you need, then ship the assembled components that are ready to work upon arrival.

### DROP PREVENTION TRAINING

Snap-on® Account Managers have the knowledge and experience to train your employees on the safe and effective use of tethered tools.

### LOWER IMPLEMENTATION COST

Tools@Height™ drop prevention can be implemented for only a portion of the cost of in-house systems. Standardized placement of tethering attachments alleviate the need for additional training.



# FOD MEETS FME

## SOLUTIONS THAT CROSS OVER INDUSTRIES

Attaching tools to a lanyard or tether can keep them from falling when used in high places, can prevent foreign material in certain circumstances and keep you from losing valuable tools in environments like ocean platforms. We've seen attachments ranging from zip-ties around wrenches to eyes screwed into the tops of screwdriver handles. Neither allows you to use the tool easily, and both can be unreliable. Snap-on Industrial wrench tethers allow you to use the wrench freely, and they won't come apart. Our screwdriver tether is designed to connect below your hand so you get the full functionality of the tool.

We can fit tether connections to a wide range of hand and cordless power tools with lanyards that can be attached to wrist, belt harness or other locations based on use and weight.



# TOOLS FOR LIFE



□ EDUCATION □ AUTOMOTIVE □ AVIATION □ RAIL □ ENERGY □ ADVANCED MANUFACTURING  
 □ GENERAL INDUSTRY □ HGV □ APPRENTICESHIP SCHEMES □ TRAINING PROGRAMS

**THERE IS A DIFFERENCE**



[www.snapon-industrial.co.uk/excellence-in-education](http://www.snapon-industrial.co.uk/excellence-in-education)

## The Excellence in Education program includes:

- Industry related knowledge and best practices
- Subsidised software upgrades
- Discounted tool purchase scheme
- Student award and prize subsidies
- Safety posters
- Product training videos
- Online diagnostic support - including free training modules
- Free tool laser engraving
- Event support
- Branded signage
- CPD sessions
- Links to industry

DISCUSS THE PROGRAM BENEFITS WITH YOUR INDUSTRIAL ACCOUNT MANAGER.

**THESE BENEFITS ARE ONLY AVAILABLE THROUGH THE INDUSTRIAL DIVISION**

Since 1920, the Snap-on brand has been associated with quality and innovation. Our tools have served professional technicians and engineers for generations and are accredited for their reliability, productivity and value.

**INVESTING IN TOOLS FOR LIFE**  
**EXCELLENCE IN EDUCATION PROGRAMME**



Snap-on  
EXCELLENCE IN EDUCATION  
CO

Try them to believe them  
Snap-on  
EXCELLENCE IN EDUCATION  
Industrial  
EXCELLENCE IN EDUCATION  
Snap-on  
Try them to believe them

Snap-on  
EXCELLENCE IN EDUCATION

Snap-on  
EXCELLENCE IN EDUCATION

Blue-Point

Snap-on  
EXCELLENCE IN EDUCATION

BK05 HDV



## **A SEVENTY-YEAR HERITAGE OF SERVING CUSTOMERS AND AIRLINES**

With seventy years of experience in Airframe tooling, we have every imaginable tool when it comes to Drilling, Countersinking, Riveting and Bucking procedures.

When you need the right answer on Airframe maintenance and repair tools, we're unmatched in the market place. And if we don't have the right answer in stock, we have a full service staff of experts who can create a custom tool solution made to your specific needs that will have you covered.

**PRECISION AIRFRAME TOOLING SINCE 1938.**



## **A HISTORY OF SUCCESS**

A legendary USA-made brand of power tools established in 1914 to support the growing production and manufacturing needs of an expanding America.

Sioux is relentlessly focused on engineering better solutions to help tool users hold, use and maintain their power tools. As a result – Sioux power tools last longer and work harder in manufacturing, repair and assembly operations. Over the years, tens of thousands of tool users have been part of the growing legacy of Sioux power tools – ensuring that the products are built to withstand the toughest working environments.

Today, if it Protects, Transports or Powers around the World – Sioux power tools are likely part of the team that builds it.

**THEIR MISSION:  
TO CREATE AND SERVE CUSTOMERS WITH QUALITY PRODUCTS AND SERVICE THAT  
MEET OR EXCEED THEIR EXPECTATIONS**



## TRUSTED. STRONG. VALUED.

Whatever your job, whatever your industry, whatever your challenge – Williams tools never flinch. Since 1882 Williams has met the harshest challenges of the most demanding industries.

Williams was among the first manufacturers in the world to offer mass produced drop-forged tools, a 15° angle wrench, and heavy-duty slugging wrenches. A century and a quarter later we continue to offer unique and innovative products for those industries, whose demands are greater than ever.

**Williams Tools: our heritage, your future.**





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