



Factory Outlet Tooling



Industrial Vending Solutions

AutoCrib Inventory Software

Turnkey inventory management that's both easy to use and powerful!

AutoCrib Software has been designed to make it incredibly easy to manage AutoCrib's industrial vending machines and your traditional tool crib or stores area. (How easy is it? Our "flat" design means your tool crib attendant or administrator won't get lost in layers of multiple windows to get the job done.)

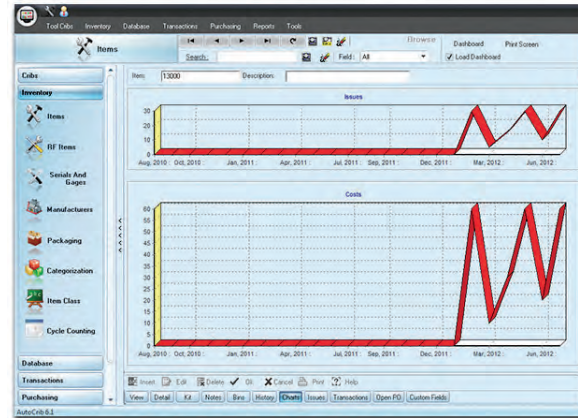
The simple Issue/Return screens allow the attendant to quickly identify the item requested, and process the transaction with a minimum of mouse clicks. Further, the attendant can also transfer inventory from the tool crib to satellite cribs or vending machines, plus:

- Manage reground or reconditioned tools
- Perform cycle counts on the inventory
- Manually or automatically purchase and receive inventory
- Process spot buys
- Manage lot controlled and shelf life items
- All of this, and more can be done while you are controlling and managing a variety of AutoCrib point of use dispensing equipment in the background.

Intelligent Dashboard for key system metrics at a glance

In today's world of report overload, it's often difficult to keep up. AutoCrib's intelligent dashboard compiles many reports into a simple, easy-to-use, color-coded screen that presents actionable data. Just click on any chart and the system drills down and shows you exactly what needs attention (i.e., what items are in a stock-out condition and need to be reordered immediately). Over 200 standard reports are available:

- Re-order reports
- Projected stock outs
- Inventory value
- Consumption reports by department, job, and employee
- Slow and dead inventory
- Everything you need to manage your indirect expenses, cut costs, and boost productivity



What reports are available?

Tracking indirect expenses 200+ ways! Over 200 standard reports are preloaded into AutoCrib software. You can run each report by selecting it from a simple menu. No more "inventory invisibility" or using the "peanut butter approach" (spreading costs across jobs) to job costing. Standard reports are available to answer these questions:

- Tool usage by specific cost center: What tools and supplies were used for each job (department, shift, etc.)?
- Who received each item?
- What is the current inventory count for a particular item?
- Are we out of stock?
- It is time for a cycle count, what should we count?
- Transactions by Employee: what was issued from each machine, when, and by whom.

RoboCrib | VX500™ | VX1000™ | LX2000™



Cut consumables spending by 20%-40% immediately by introducing full accountability. The RoboCrib series is our most popular industrial vending machine. It can manage both

secure issues and returns of items. It dispenses virtually any inventory item you have including very small, large, and delicate items you wouldn't want dropped.

It's good for

both fast and slow moving item types. It's perfect for large amounts of SKUs. Best of all, no individual repackaging is needed. The RoboCrib series can do all of the things a helix coil "candy bar" style machine can't.

- RoboCrib® VX500™ stocks up to 628 items, and its 3' x 3' frame fits through a standard doorway!
- RoboCrib® VX1000™ stocks up to 1048 items, and its 3' x 3' frame fits through a standard doorway!
- RoboCrib® LX2000™ stocks up to 2574 items in a 5' x 5' frame.

Fast vend times takes less than 10 seconds for ANY item!

Using a series of counter-rotating carousels, all spinning simultaneously it can dispense any item in less than 10 seconds! This patented design is not available anywhere else.

Dispense virtually any inventory item from your RoboCrib

The wide-selection of available bin sizes lets you deliver a wide-range of items, including very small, large or delicate items that are not easy to dispense or impossible to dispense from traditional tool vending machines. Whether you are interested in vending tools or vending MRO or vending PPE, it all can be done with a RoboCrib.

The following are a few examples of items that can be dispensed through the RoboCrib machines: cutting tools, carbide inserts, batteries, safety glasses, ear-plugs, welding tips, hand tools, valves, adhesives, keys, maintenance parts, spray cans, tube fittings, drill bits, tape, air tools, repair parts, gages, bulk items and more!

Customized for you and easy-to-reconfigure

Every RoboCrib is customized to fit your items, and the door baffles automatically adjust to fit each bin size perfectly and prohibit access to adjacent bins. When your storage needs change, this also makes it easy to reconfigure because you can change-out the bins to different sizes anytime you want. AutoCrib also offers some great options like field-configurable bins that let you change-out bins with just a single screw. So, it's quick and easy to modify bins as your inventory needs change.

Flexibility

Typically, storage needs change, therefore AutoCrib designed the RoboCrib to be easily reconfigured. Any tray assembly can be changed out in minutes by simply removing and replacing only four screws. This allows for a system that easily adapts to your dynamic storage needs. The system is available with optional frameless doors, allowing larger items to be managed by orienting items vertically. For even larger items, AutoLockers can be added and driven by the RoboCrib user interface creating a SuperRobo.

- **Full pie**
(11 1/2" circular x 4" high)
- **Half pie**
(11 1/2" x 5 1/2" x 4" high)
- **Third pie**
(9 1/2" x 5 1/2" x 4" high)
- **Quarter pie**
(7 1/2" x 5 1/2" x 4" high)
- **Sixth pie**
(5 1/2" x 5 1/2" x 4" high)
- **Twelfth pie**
(2 3/4" x 5 1/2" x 4" high)



How it works

- Login - Employees access the RoboCrib by using their employee badge or employee number.
- Select Item - Users select the item they want.
- Dispense - The RoboCrib will automatically move the item into position and open the door.

Optional: A PIN can also be required as well as prompts to track overhead data like Department Number, Job Number, Customer Number, Tail Number, etc...



RoboCrib TX750 Incredible Bin Density

The system in its most dense (smallest) bin size configuration provides for up to 890 bins in roughly the same footprint as our equivalent RoboCrib® VX machines or other

competing vending machines. Our patented bin shelf system, mated with the 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

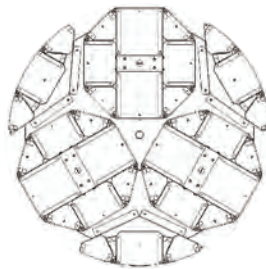
AutoCrib’s vast experience has found that reducing the number of moving parts significantly reduces maintenance. Utilizing a dual tambour eliminates over 15 separate sub-systems and greatly reduces maintenance costs.

Dispense Square Packages or Boxes

The RoboCrib TX750 is the first machine that was specifically designed to dispense square or rectangular boxes or packages. The dual tambour approach coupled with a machine that utilizes square bins allows for an incredible amount of flexibility in bin sizes from 2” (50mm) height to 60” (1524mm) 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.



Large 19” Display!

Stunning high-resolution 19” touch display, the largest of any industrial vending machine on the market.

Intuitive Biometrics

Login using traditional methods such as barcodes, prox cards, smart cards, and mag-stripe ID cards. Use a fingerprint scan as a PIN for added security.



ScaleMate

Inventory management with small parts and fasteners is a pain. Purchasing departments are burdened monitoring low-dollar, high volume items. Inventory managers are forced into performing labor intensive cycle counts. To be successful with inventory management of fasteners and small parts, you have to take advantage of automation so your people can focus on value-added activities. The ScaleMate is

the machine you need to get the job done right.

No manual counting of fasteners or having workers “guesstimate”

ScaleMate lets you track exactly what you have in your fastener or small part inventory, and exactly what the demands are for every item. This enables you to increase your inventory turns and reduce stock-outs. Dispensing exact amounts also prevents extra fasteners from being accidentally dropped into assemblies.

Forensic lot traceability

Lot tracking just got better. When you deal with fasteners and small parts, you’re usually handling multiple suppliers and lots or batches. It’s possible that you will find yourself in the unfortunate situation of having a recall on a lot or batch. The ScaleMate® system combined with a RoboCrib ensures every lot is physically compartmentalized. Users only have access to a single bin at a time and lot numbers cannot be commingled and cross contaminated. Reports provide a complete audit trail. You can see when it was stocked, when it was issued, who it was issued to, what jobs it was issued for and other information showing the entire flow of your inventory. This is extremely helpful because you will know exactly when and where the defective lot was used. This enables you to take corrective action immediately.



AutoLocker

Stop the loss of expensive power tools, gages, kits, and test equipment. The AutoLocker is no ordinary locker! It's a completely automated system, every door is automatically controlled. You get positive confirmation of all access transactions and can deny access to anything



out-of-calibration. The AutoLocker provides 24-hour secure access to your high-value, oversized, calibrated and durable items. Including your LARGEST items. AutoCrib has the widest selection of lockers available.

Gauge access and serialized calibration control

Prevent out-of-calibration gauges from leaving in the first place. The AutoLocker monitors calibration dates, number of days on the floor, number of cycles run, along with a number of other factors. It completely stops access to gauges that have fallen out-of-calibration, automatically.

Computers and eTools - secure, updated, and charged

Looking for asset protection of your laptops, eTools, and test equipment? AutoLockers have optional LAN, power outlets, network routers, and fans. You can keep everything in a secure "check-out" and "check-in" environment with everything secure, updated, and fully charged at all times. Works great for power tools, walkie-talkies, batteries and other items too!

Control privileges for every user

AutoLockers let you control access to users on an individual basis. Unlike a typical locker you can tightly control access to specific people, not just a group. You know the exact person that issued the item and when they issued it. You can also select the privileges of what they can access, how many items they can check out, what times they have access, and block them from items when they don't yet have training.

No special keys required

You can use your existing employee badges. With AutoLockers employees can scan their barcode, RFID cards, key fobs, or simply login using the keyboard. You don't need anything special making it really easy to manage.

Standalone or Add-on

AutoLockers can work as an independent standalone system or in combination with other AutoCrib industrial vending machines like the RoboCrib or RDS. It's a flexible system for inventory control.

AutoLocker FX

The AutoLocker FX is the first and only automated locker system on the market designed to be completely modular in every way. This platform lets you build a custom configured locker system for the unique needs of your company.



Modular Design

You decide the frame size, controller box, locker size, power (Optional), and network switch (Optional). Locker modules are available in 12 different sizes for you to choose from. Locker modules come in 6" high increments with a standard 24" depth and a wide variety of widths available that can be mixed and matched to provide a customized solution.

Intelligent and Easy to Use

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

Power Charging

The AutoLocker FX also provides for optional 110v power outlets so that battery operated tools and equipment can be charged while in the locker. Further, the system will manage the charge time and always dispense the item with the longest charge. E-Tools (laptops and iPads) can also be charged while managing virus definitions and operating system updates.

IntelliPort

The industry's best RFID portal for inventory management. Industrial RFID portals are a great way to automate the inventory management process of a large tool crib, without requiring you to move additional staffing from value-added production. You can rapidly and accurately issue, return, and automatically track items from an unmanned tool crib or stores area using the Intelliport system. You can even use it to secure your existing tool crib, "tool cage", fixture crib, gauge crib, or stores area.



Cuts your inventory consumption by 20-40%

It's shocking how much you gain back by optimizing inventory and increasing accountability. The Intelliport drives down spending on inventory not just temporarily but permanently. This machine prevents stock-outs, incorrect inventory levels, inventory shrinkage, and nearly all the problems typically associated with inventory management. This machine takes your "big data" and turns it into valuable actionable inventory information. It's the best lean six sigma initiative you can make for your company.

Gauge management inventory control

Physically stops users from leaving with bad or un-calibrated gauges. The Intelliport uses advanced gauge calibration software to track your gauges by calibration date, the number of days on the floor, the number of cycles it has run or any combination of these factors and more. It maintains a complete history of all your gauges to ensure timely calibration and compliance with your lean, six sigma and ISO quality standards.

Simple fast tracking RFID readers cover every angle

The Intelliport has large RFID antennas arranged at every angle surrounding the user which makes for extremely fast read-rates. It uses photo beam body mass indicators to detect how many users entered the portal. It also features two security cameras that capture users from both front and back.

The latest trend-setting RFID technology

As the industry's best designed RFID portal. The Intelliport uses modern Gen-2, Class 1, Passive RFID tags. What does this mean for you? It means significantly less expensive RFID tags than other RFID solutions.

IntelliPort Lite

Like the original IntelliPort, the IntelliPort Lite is a turnkey system of radio frequency identification (RFID) readers placed at a choke point, to track movement of RFID tags in and out of a controlled area.

The IntelliPort Lite has been designed in both single and double door configurations making it a great choice for smaller store rooms and cribs. You'll find the IntelliPort Lite is the perfect solution for applications where a high number of items needs to be issued or where there are many large or bulky items. It's excellent for high traffic cribs because multiple employees can "shop" simultaneously which eliminates long lines at the tool crib.



The IntelliPort Lite delivers the lowest cost per vended item in high-volume environments. The IntelliPort Lite can vend and track an unlimited number of items with all different types, sizes, and shapes.

Intelliport and Intelliport Lite Features

- 24-7 Availability - With security and accountability
- Manage infinite number of items per crib
- Applicable to existing store rooms
- Exceptionally low cost per item
- Ability to reassign tags
- Self-service - Reduce labor
- Less dependence on bin location accuracy (items in wrong bin are OK)
- RFID Reader & 2 RF antennas
- Class 1 Gen 2 RFID technology
- Photo beam sensors
- Touch screen user interface
- RFID Printer - Tags can be programmed by the optional high speed printer just prior to being applied to the product
- Receipt printer
- Electronically controlled gateway
- Full user access support - Supports proximity cards, key fobs, mag-stripe cards, barcodes, keypad/PINs
- Multilingual - Support for other languages
- Emergency door release
- Greater assurance of item identification (specific serial number)
- Ease of use (check in/out and confirm)

Software

- Over 200 standard reports!
- AutoCrib.net or Client-Server - Cloud managed services or secured internal network
- EDI - Advanced ship notices (ASN) via EDI



EleVend

Finally, an Easy Way to Manage Your Biggest Inventory Annoyance... Gloves! Buying more gloves is NOT the solution to insatiable glove consumption. The EleVend is a very specialized PPE and glove dispenser that can vend almost any size or type of

glove available on the market. It's perfect for any industry because it can vend anything with a consistent thickness. You can vend large, bulky, and soft items which would be difficult or expensive to vend with other systems. This machine is absolutely going to revolutionize how you manage gloves, PPE items (Personal Protective Equipment), and safety supplies.

Cut glove consumption by 30% to 50% or more

Gloves are one of the most misused, wasted and abused items in any industry. The EleVend stops it COLD. Save big money and stop hoarding behavior. Access controls determine who has access to which glove inventory and when. Control access by shift, daily or weekly allocation or other administrator specified criteria. Track employee usage by job number, work order or 10 other customizable fields.

Dispense gloves at the Point-of-Use without staffing

The EleVend glove vending machine lets you dispense gloves at the point-of-use within easy reach of workers while still keeping tight control on your inventory. So you can provide 24/7 access to items and have complete shift coverage without staffing.

Automatic reorder stops inventory stock-outs

The EleVend monitors your supply levels in real time and AutoCrib software automatically reorders when the minimum level is reached.

Vend more than just gloves

The EleVend is perfect for securely dispensing other PPE items like: safety glasses, hard hats, welding sleeves, Tyvek suits, aprons, and more. You can even vend grinding wheels or physical kits in a box! EleVend will dispense anything of consistent thickness with complete accuracy.



AutoCab

People love the AutoCab because it can store almost anything. The transparent see-through windows provide an easy view of items, and you can issue exactly what you need with the touch of a button. This high density automated shelving system can provide secure access

to over 200 different items through a variety of drawers, bins and cabinets.

Automated inventory management improves revenue

Reduce consumption by 20-40% or more, prevent stock out situations, and improve your inventory forecast accuracy. AutoCrib lets you identify the root causes of your inventory problems, and actively prevents them from happening in the first place. The AutoCab software can handle automatic purchase orders. AutoCab removes the labor intense burden of inventory management so your employees can focus on what they do best, added-value production and working with customers.

6-Zone inventory management

The AutoCab is a very flexible high-volume system with a compact footprint. It has 6 zones that give you compartment-level control with re-configurable shelves or optional sliding doors. So, it's easy to manage a wide-variety of items that are large or small in a single machine. It works great with expendable inventory like carbide inserts, safety supplies, batteries, welding tips, spray cans, and general MRO items. It also is good for durable items such as air tools, cordless drills, flash lights, and toolbox kits.

Zero need to repackage items

With the AutoCab you will never have to tediously repackage your items. You can place your inventory straight into the machine.

RDS

The AutoCrib RDS (Remote Dispensing Station) is the most advanced helix coil machine on the market. It's purpose built for high-demand industrial environments.

- High-quality Industrial Design - The RDS has a ruggedized design and higher quality internal and external components that make it better than other machines on the market. It also can push heavier items normal machines would struggle moving.
- Up to 70SKUs (Standard 60SKUs) - Holds a greater variety of unique items than most machines on the market. We also offer a wide-selection of coil types for different sized items.
- You can add-on AutoLockers. Available in 10 standard locker sizes. Power and LAN optional.
- TouchVend - The optional touch screen makes it user-friendly and expands the machines capabilities even more. Using the RDS TouchVend you can also add-on a secondary auxiliary machine to double the capacity.
- VendVerify™ - Prevents both stuck items and double drops using a sophisticated electronic eye.
- Pick-Sheet Barcode Scanner - Tell the difference between items that appear identical by just scanning the one you want on the page.
- Advanced Inventory Software - Force regrinds first, kit manager, specify issue quantity, multi-location tracking, ability to prompt for overhead data like department, job, tail, customer number, etc... Lots of customization and practical features so you can effectively manage inventory and cut spending.
- Upgrade Path - It's a truly scalable inventory solution. You can expand with multiple RDS machines or other types of machines from AutoCrib with our integrated software platform.



VisiCab

Next generation industrial vending – Object Recognition! The VisiCab actually can see if the tools are there. It can even detect small items like a .050 Allen wrench! No RFID tags required! VisiCab uses AutoCrib's advanced proprietary VAT (Vision Analytics Technology).

We developed this truly innovative system for the military. It's an excellent solution for FOD (Foreign Object Debris) control but can be used in any application where 100% of the tools and other items must be returned and accounted for.



The most effective FOD prevention system

The VisiCab is the best system for tracking issues and returns of tools on the job. It checks the entire tool tray edge-to-edge. It knows when tools are not in the right spot. It can tell the difference between tools that look nearly identical and what objects shouldn't be in the tray. This system is far superior to other types of systems on the market that use optical sensors, weight-based switches, or RFID tags. With the VisiCab you don't need to apply RFID tags or use only special modified tools.

Never have an unaccounted for tool again

Instantly know when an item hasn't been accounted for and more importantly, know who has it, when it was issued, and what job it was issued for. It ensures your tools are completely 100% accounted for.

Fast Inventory Verification

The newest generation of the VisiCab performs a complete inventory of the tools within 15 seconds. Verification is achieved using three separate characteristics of each item: contour matching, high-resolution pixel counting and color pattern matching.

VLM180 Vertical Lift Module

Reclaim Valuable Floor Space

The AutoCrib VLM180 vertical lift module system provides up to 80% more inventory storage than traditional shelving and requires only 47 square feet of floor space. So you have more space for manufacturing, warehousing, kitting operations, shipping/receiving, quality control, office space, and more. You can save up to 1,400 square feet per VLM system vs. traditional shelving. That's \$7,000 saved per year at a conservative \$5/sq. ft. warehousing cost.

Goods-To-Person

It makes more sense to have the parts come to you. Workers don't have to spend time walking the aisles going back and forth trying to locate items. Inventory can be retrieved quickly and routed in sequence to your order pickers. A single operator can run multiple vertical lift module systems virtually eliminating operator dwell time. You can see a sustainable 20-40% increase in picking productivity.

Unbeatable Value

Pay thousands less than competitive machines and still have a well-equipped vertical storage system. Our VLM system focuses directly on features that will dramatically increase your operational effectiveness with measurable results. We engineer the hardware and software to work together. So, you get great quality at an unbelievable price.

Inventory Control

With the most advanced technology for inventory management. AutoCrib has a significant advantage over any other vertical lift module system. Our solution is more than just an automated shelf. You have item-level inventory management, advanced permissions-based access controls, and powerful reporting capabilities that provide managers with valuable and actionable information.



Industrial Vending Integration

Your new vertical lift system is already pre-integrated with our industrial vending machine product line. Our comprehensive solution works right out of the box! This is a massively scalable platform that allows you to start small and grow aggressively with your manufacturing initiatives.

Greater Flexibility

Vertical Lift Module (VLM) systems offer more flexibility than other ASRS solutions. Unlike large ASRS systems that require a complete overhaul of the warehouse or

production area VLM systems are modularized and easy to implement. This means you can easily integrate into an existing system or gradually expand your automated storage solution over different phases. The modular construction gives you the ability to change the unit's height to meet future needs and protects your investment.

Employee Accountability for Inventory

Advanced permissions-based access controls track warehouse transactions to specific employees. Employees take responsibility and take "ownership" for items. Control costs by employee or department.

No Repackaging Required

Vertical lift storage systems are very flexible inventory systems. You don't need any special bins or product carriers. You can use your existing boxes, totes, and bins.

High Reliability

Our patented full-width extractor for storing and retrieving trays is engineered to be remarkably simple. With fewer moving parts our system has outstanding dependability for long-term 24/7 operations, and costs significantly less to maintain.

ToolCrib Station

You can quickly and easily convert your manual tool crib to a virtual dispensing machine, with AutoCrib Tool Crib Station. Just designate an existing tool room, tool crib or stores area as a tool crib, using AutoCrib Software. Install an AutoCrib Tool Crib Station at the crib window — and now, tool crib attendants or users perform the data entry using a touch screen. After the user selects the desired items, a receipt with bin locations is printed to assist the attendant or user in locating the items within the secured area.



Automate attended or unattended cribs or build a runner system

- Automate your existing tool room, crib, or store
- Issue/return tools without an attendant
- Capture transaction before unlocking door to crib

Tool requests at remote locations

You can also place Tool Crib Stations at various locations or remote work cells throughout a plant to create a “runner system”. Users enter tool or supplies requests at the Tool Crib Station. The central tool crib prints out the order, and issues and delivers the requested tool by a runner (at lower cost), while keeping the operator at his work center.

Access control, cost and usage reporting, plus complete purchasing and receiving system

Tool Crib Station uses AutoCrib Software (web-based AutoCrib.net or client/server software). The software features an Intelligent Dashboard with key metrics visible at a glance on one screen. Over 200 reports are pre-loaded.

MobileCrib

Automate your existing tool room or stores area. Give your tool room and stores attendants maximum mobility and real-time communication with the AutoCrib database. MobileCrib gives tool room and stores attendants the ability to scan barcodes and RFID tags with the touch of a button, and perform the most common transactions with this handheld device. Users can move around freely without being tethered to a computer terminal or having to do extensive data entry.



Automate attended or unattended cribs or build a runner system:

- Automate tool crib inventory and tracking
- Windows Mobile platform
- Real-time transactions
- For maximum mobility

Cost and usage reporting, plus complete purchasing and receiving system.

MobileCrib uses AutoCrib Software (client/server or web-based AutoCrib.net). The software features an Intelligent Dashboard with key metrics visible at a glance on one screen. Over 200 reports are pre-loaded.

Starts with a good foundation

AutoCrib's latest generation handheld scanner is built on the popular Windows Mobile platform. The MobileCrib device reads from and writes to the AutoCrib database in real-time.

For more information regarding AutoCrib products and the other capabilities of **Factory Outlet Tooling**, please visit our website at www.fotcnc.com or call us at 469-916-8090