

BLACKHAWK

OFFERS

CRIBMASTER

A SOLUTIONS PARTNER

WHY VENDING?

- Consumable material available when and where needed
- Gain visibility into inventory usage to reduce spend on consumables
- Reduce inventory costs
- Increased worker efficiency and productivity
- Reduce internal administrative effort
- Reduce waste of consumables
- Improved EH&S compliances
- and more...

BLACKHAWK
INDUSTRIAL
BIG ENOUGH TO SERVE | SMALL ENOUGH TO CARE



VENDOR MANAGED INVENTORY

INVENTORY MANAGEMENT

Reducing walk time leads to greater productivity. Today, we offer the market with an innovative portfolio of industrial vending solutions controlled by the most capable software. With configurable, secure storage in a number of form factors, we offer many ways to manage your durables and consumables away from the crib.

BLACKHAWK INDUSTRIAL ESS

BlackHawk Industrials Engineered Supply Solutions incorporate today's business practices while using non-Proprietary technology and systems. We design solutions to accommodate the needs of both large and small businesses. Customers have total control and increased visibility...with reduced activities and cost.

INVENTORY MANAGEMENT SOFTWARE SUITE ONE UNIFIED PLATFORM ACROSS DEVICES, ENVIRONMENTS & SITES

Our Inventory Management Solution offers an advanced platform to track, manage and automate indirect material flows. The same software drives all CribMaster solutions, collecting information from multiple devices, tool cribs and sites in a single database. The software integrates with existing ERP/MRP and other business systems to optimize automated replenishment and purchasing.



VENDING VS. NOT VENDING

PURCHASING - VENDING

- Competent partner ensuring product availability
- Fewer suppliers to manage
- Consigned inventory = Consolidated invoicing
= fewer POs to cut

PURCHASING - NOT VENDING

- Potential Stockouts due to planning restrictions
- Over purchasing
- Increased labor for PO Processing
- Manual tracking of demand patterns

ENGINEERING - VENDING

- Data that unlocks understanding about who, what, where, when, etc.
- Reliable availability, critical items management
- Inventory tailored to needs of department/production cell

ENGINEERING - NOT VENDING

- Potential Stockouts
- Production down time
- No Visibility to tool performance or user usage

PLANT MANAGEMENT - VENDING

- Productivity
- No searching for parts
- Elimination of non-value added employee travel time
- Analytics on usage to help reduce waste
- Cost Savings programs

PLANT MANAGEMENT - NOT VENDING

- Theft
- Overconsumption
- Reduced productivity
- Lack of visibility to production trends
- Missed production levels
- Labor savings on attendant requirements

CRIB ATTENDANT - VENDING

- Product placed near point of usage
- Fewer patrons to the crib
- Time to work on other priorities
- A system to help manage the inventory planning

CRIB ATTENDANT - NOT VENDING

- Increased Cost to Serve
- Sourcing Pressure
- Unpredictable Stockouts
- No product visibility as seen in Auxiliary software

ACCOUNTING - VENDING

- Working capital reduction
- Drive visibility and accountability at the source of usage
- Improved inventory control
- Analytics can be used to better understand total manufacturing costs

ACCOUNTING - NOT VENDING

- Labor costs to process multiple invoices
- Inability to forecast
- Inability to properly charge back proper departments
- Lack of ownership for budget, cost savings and usage

Take control of indirect materials across the enterprise to streamline your operations.

LEVERAGE THE POWER OF COMPARATIVE DATA

Manufacturers able to follow lean principles gain a competitive advantage by turning waste into productivity and freeing up capital to promote growth.

Most companies have a different focus for lean initiatives, but successful strategies all depend on reliable data.

The BlackHawk solution leveraging CribMaster can provide actionable intelligence for your lean initiatives:

- Data warehousing offers a total view of all inventory across sites. If you see a factory running low on items, you can instantly check your other stocking locations to find out who is sitting on excess inventory. A site-to-site transfer eliminates the understock (reducing downtime) and re-purposes the wasted overstock (creating more space), without any new purchase orders.
- Accurate usage data informs your purchasing decisions. Much MRO inventory turns only once a year, with carrying costs up to 25%. Knowing exactly how much you actually need in stock at all times can save money. Utilizing this data you can identify proper stocking levels and inventory locations which improve the overall working capital.
- Complete transaction histories allow you to drill down into historical data and filter material spend by cost center, work order, employee, and more.
- Intelligent software set with your current min-maxes learns your operations over time, computing usage rates and lead times to keep items available but purchase only when necessary. Analyzer reports can then compare the dollar difference between what you were spending and what you actually needed.

What are the benefits?

- Reduce inventory overhead.
- Build a more responsive supply chain.
- Cut down wasted time with point-of-use vending, RFID tool tracking, automated documentation and customized tool kitting for efficient tool organization.
- Fine-tune current best practices using new data, implementing them throughout the enterprise and continuously improving them.
- Understand where to take steps out of the process.

The comprehensive inventory tracking and reporting capabilities of the BlackHawk solution utilizing CribMaster will supply you with the necessary data to support your lean manufacturing operations.

POINT-OF-USE VENDING FOR LEAN MANUFACTURING GIVES WORKERS ACCESS TO THE EQUIPMENT & TOOLS THEY NEED WITHOUT A TIME-CONSUMING WALK TO THE STOREROOM OR CRIB

In addition, full usage details captured by the same database allow management personnel a complete view of indirect material movement in each work area across the enterprise.

CribMaster Inventory Management Solution software controls the vending and transaction accounting processes, with features designed for maximum efficiency and accuracy:

- Simplified processes for item issue and return using a touchscreen interface
- Controlled vending of the exact type and quantity of materials needed
- Documented usage rates to optimize future inventory orders
- Precise, real-time inventory counts that don't rely on error-prone manual paperwork
- Automated replenishment to enable lean management practices

Inventory control at the point of use offers the following benefits to your operations:

- Reduced errors and waste
- Productive time savings due to fewer trips to the crib
- Better compliance with safety guidelines through easier access to PPE
- More accurate inventory tracking
- BlackHawks utilization of the CribMaster platform will turn management of your indirect materials into a productivity driver and an asset that provides critical business intelligence. Our solutions offer the capabilities for you to drill down into your process data and discover improvement potential.

Precise, real-time inventory counts that don't rely
on error-prone manual paperwork.

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CabLock

VERSATILE STORAGE, POINT-OF-USE ACCESS

The CabLock is an expandable, electronic locking drawer system designed to accurately track the usage of both consumable and reworkable inventory at the point of use. Driven by CribMaster software, the system enables the controlled distribution of MRO inventory among your employees anywhere in your facility. The barcode scanning feature saves time and reduces manual errors allowing you to streamline issue and return processes. The on-board computer system collects real-time data allowing managers to make informed decisions about inventory stocking levels.

- Provides various levels of security
- Creates accountability among users
- Keeps items separated with compartmental drawers
- Generates detailed reports by department, job, or employee



Suggested Inventory Types: Inserts / Screws / Rivets / Spacers / Electrical connectors / Cutting tools



ToolBox

GAIN MAXIMUM FLEXIBILITY TO MANAGE YOUR CONSUMABLES

With the introduction of the original ToolBox, CribMaster defined the industrial vending market. Today, this high-security, industry-leading coil solution remains feature-rich and user-centric. Extensive CribMaster Inventory Management Software capabilities plus unique customizations drive its enduring success - providing operational insights, simplifying processes and improving productivity.

Suggested Inventory Types: Consumable Items - Small / Medium sized items such as Cutting tools, Batteries, Tape, Markers, Glasses, Welding tips



Suggested Inventory Types: Consumable Items – Items with heavy weekly movement including PPE and MRO supplies

WeighStation

SIMPLIFIED DISPENSING, ADVANCED CONTROL

The WeighStation automates dispensing by utilizing precise weight-sensing technology paired with robust software that effectively streamlines purchasing, replenishment, and dispensing processes. It removes productivity barriers by allowing authorized employees 24/7 access to all of their high-use supplies in one location at the point of use. Each time supplies are removed, the inventory is automatically adjusted and the system displays the quantity removed on the touchscreen.

The WeighStation is available in single or double cabinet configurations and comes standard with wheels and feet for easy movement.

- Easy to replenish as inventory repacking is not required
- Ideal choice for internal distribution of bench stock
- Clear doors and pull-out shelves for maximum visibility and accessibility
- Auxiliary unit easily expands footprint and functions as a second crib to allow for added security through employee permissions

Eliminate inefficiencies and make fast, well-informed decisions.

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eCab

FLEXIBLE & COST-EFFECTIVE, HIGH-VOLUME VENDING

The eCab is CribMaster's cost-effective solution for managing and vending a wide range of inventory types including high-volume consumables and durable items. Within one cabinet, the eCab provides easy access to the range of indirect materials needed at the point of use. Driven by CribMaster's Inventory Management software, the solution helps to reduce consumption and replenishment costs.

- Easily track consumption and replenishment of fast-moving indirect materials
- Flexible configuration allows for vending of a wide variety of inventory
- High-capacity double cabinet vends more than 200 SKUs
- No repackaging of product necessary
- Comes standard with Bluetooth barcode scanner

Suggested Inventory Types: MRO consumables / Gloves / Fasteners / Abrasives / Other high-volume consumables

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MultiStore AUTOMATED COMPARTMENTALIZED CONTROL

This versatile storage solution delivers both automation and control in effectively managing the internal distribution of any type of high-use consumable and durable inventory. With the MultiStore, you can create an easily accessible storage cabinet stocked with all the mission-critical inventory required to operate at peak efficiency. The MultiStore includes 24 roomy individual lockers with configurable shelves for easy on-site expansion to store larger items.

Suggested Inventory Types: Power tools / Hand tools / Gauges / Batteries / Safety glasses / Filters / Tape

eDrawer TOOL CONTROL, 24/7 SECURE STORAGE

CribMaster addresses every step in inventory management, enabling positive tool control in high-accountability industries such as aerospace and power generation. The eDrawer tool control system accurately tracks the issue and return of tools. The streamlined issuing process allows multiple users to check tools in and out with ease. Powerful software provides critical data needed to manage and control the distribution of tools at the point of use.

- Increase visibility of tools
- Simplify FOD and FME compliance processes
- Monitor tool inspection and calibration processes

Suggested Inventory Types: Inserts / Screws / Rivets / Spacers / Electrical connectors / Cutting tools



ProStock

DISPENSE HUNDREDS OF ITEMS AT THE POINT-OF-USE WITH ONE SMALL FOOTPRINT

ProStock™ solution lets you manage varying quantities of indirect materials within a small footprint. Secure and highly configurable, the ProStock features carousels and lockers to accommodate small and large consumables and durables. Whether you have few or many items to manage - at high or low velocities - the ProStock offers two models designed to help you achieve maximum inventory efficiency. Choose the solution that fits your site's capacity needs and easily scale as your requirements change

Suggested Inventory Types: Consumable / Durable Items - Mostly small, some medium-sized; Cutting tools, Bits, Batteries, Tape, Gloves, Glasses, Welding tips and Taps



ProLock

SCALABLE LOCKER SOLUTION

This access-controlled, flexible locker solution allows you to manage the distribution of both consumable items and valuable assets such as returnable hand tools and power tools. The ProLock includes individual lockers with configurable shelves so it can easily be customized on site. The ProLock allows for different combinations of locker sizes to expand for larger items and includes the ability to control access to specific lockers.

- Improve operational efficiencies
- Manage serial IDs, kits, and expendables
- Monitor calibrated items and schedules

Suggested Inventory Types: MRO consumables / Gloves / Fasteners / Abrasives / Other high-volume consumables

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AccuDrawer

SMART STORAGE, ADVANCED TOOL CONTROL

The AccuDrawer provides positive tool control in industries where accountability for every tool is critical. Utilizing passive RFID technology, CribMaster software allows the AccuDrawer to detect RFID-tagged assets stored inside. Every time a tool is removed, the AccuDrawer instantly identifies details such as who removed the tool, what time it was removed, and when it was returned.

- Control access to tools at point of use
- Monitor calibration schedules and inspection processes
- Help maintain FOD and FME compliance
- Four-color light bar indicates status such as items in, items out, and network connection
- Accurately reads more than 250 tagged tools

Suggested Inventory Types: Durable /

Returnable Items - Hand tools. Great for FOD environments

AccuCab

AUTOMATED TOOL MANAGEMENT

The AccuCab is an automated solution allowing authorized users to efficiently access and return the tools they need without hindering workflow. There is no inventory to scan or transactions to log.

This device utilizes RFID technology paired with CribMaster software to provide real-time monitoring for your RFID-tagged assets as they are issued and returned. The system provides greater visibility so a proactive approach may be taken if items are not properly returned.

- Monitor calibration schedules and tool inspection processes
- Simple touchscreen interface
- Reduce safety risks of lost or misplaced tools
- Decentralized tool storage

Suggested Inventory Types:

Hand tools / Power tools / Kits



AccuPort RFID TECHNOLOGY, ADVANCED STOREROOM CONTROL

The AccuPort utilizes passive RFID technology and CribMaster Inventory Management software to effectively manage any type of inventory in a centrally located tool crib or storeroom environment. This secure RFID portal system streamlines operations by eliminating manual logs and barcode scanning. Transactions are recorded in real time, providing a high level of accuracy to reduce stockouts and gain better control of your indirect materials.

- Minimize staffing requirements
- Improve inventory accuracy
- 24/7 secure access for authorized employees
- Automatically track inventory in and out of a secured area

Suggested Inventory Types: Hand tools /
Power tools / PPE / Singularity tagged kits / Spare parts



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X3 System COST-EFFECTIVE, MODULAR VENDING

The X3 System is a customizable, modular vending solution that allows secure dispensing anywhere in your operation. The flexibility of the system improves workflow by allowing authorized users easy access to their high-use inventory within reach at the point of use. Each helix or carousel module can be vertically stacked in a small footprint to create satellite vending of your tool crib inventory.

- Cost-effective indirect material management
- Expandable modular design for maximum flexibility
- Easy access to high-volume inventory
- Combines helix and carousel modules in a single footprint

Suggested Inventory Types: Single or multi-pack inserts /
Batteries / Filters / Tape / Fasteners / Welding Tips

BlackHawk is an industrial distribution company providing an experience that enables our customers to achieve success. You get access to the highest quality standard and custom products and technical solutions from all BlackHawk Industrial locations across North America. Our employees are committed to excellence for our customers, suppliers, and one another.

Our national presence and authentic local touch makes BlackHawk Industrial **BIG ENOUGH TO SERVE and SMALL ENOUGH TO CARE.**



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