AutoCrib software leads the way with the most powerful and user friendly inventory management system available. It provides a variety of cost center tracking options (Department, Job, Part Number, Machine, etc.) and over 200 reports to assist in identifying trends, waste and inefficiencies. The system comes complete with the ability to manage manual or traditional tool cribs, stores, areas or other types of inventory storage locations. The RoboCrib can also run over AutoCrib.net, a powerful web-based application.

Supply Chain management is integral to every AutoCrib system. The system can be run in a traditional Purchasing/Receiving mode, or have suppliers control and restock the system from their remote warehouses. The system also has the capability to interface through internet exchanges to many popular Supplier and Enduser ERP systems. (SAP™, DataWorks™, PeopleSoft™, Prophet 21™, etc.)

Like all AutoCrib systems, we use only the highest quality components in the manufacture of RoboCribs. We have adapted the same technology that has been used on modern CNC machines for years. This insures the long-term reliability that the AutoCrib name has become synonymous with. Like all other AutoCrib systems, all RoboCribs carry a full 12 month warranty.

Simple & Fast Software

Because we know that time is money, we have designed RoboCrib to be as fast as possible. With an average dispense time of seven seconds, we get users back to work in a minimum amount of time. Buttons that display on the touchscreen are programmable for each user, only showing them the functions that are relevant.

The RoboView module makes managing bin assignments an easy task using the graphical representation of the bin configuration.

Enclosure: 62”W x 62”D x 84”H
Powder coated heavy gage sheet metal
Tubular steel frame
Tapered roller bearing pivots
High-strength chains and sprockets

Computer display front clearance:
With keyboard pulled out: 6”

Computer display: 12.1” diagonal color SVGA TFT touchscreen
Computer: PC Intel Pentium
Bar Code Scanner: universal omnidirectional wedge-type laser scanner
12 circular columns on platters with 15 levels
Access to each level controlled by an electronically locked door
Door aperture automatically sized to fit selected bin size
Weight capacity 2600 pounds
Configurations to 2574 bins
Injection molded polypropylene trays
Field configurable
3AMP, 120 VAC 60Hz or 230 VAC 50Hz
Operating Temperature range of 10˚C to 38˚C (50˚F to 100˚F) in still air (75% R.H. non-condensing) or stored in a range of 0˚C to 155˚F.
For indoor use only.
Shipping weight: 2,400 lbs

Enclosure: 34”W x 39”D x 79”H
Powder coated heavy gage sheet metal
Tubular steel frame
IGUS bearing pivots
V-ribbed drive belt system

Computer display front clearance:
With keyboard pulled out: 6”

Computer display: 12.1” diagonal color SVGA TFT touchscreen
Computer: PC Intel Pentium
Bar Code Scanner: universal omnidirectional wedge-type laser scanner
5 circular columns on platters with 15 levels
Access to each level controlled by an electronically locked door
Door aperture automatically sized to fit selected bin size
Weight capacity 1000 pounds
Configurations to 1050 bins
Injection molded polypropylene trays
Field configurable
3AMP, 120 VAC 60Hz or 230 VAC 50Hz
Operating Temperature range of 10˚C to 38˚C (50˚F to 100˚F) in still air (75% R.H. non-condensing) or stored in a range of 0˚C to 155˚F.
For indoor use only.
Shipping weight: 1,000 lbs

Enclosure: 30”W x 31”D x 74”H
Powder coated heavy gage sheet metal
Welded base and frame structures
Tapered roller bearing pivots
High-strength chain and sprockets
Computer display: 12.1 diagonal color SVGA TFT touchscreen
On-screen “virtual” soft keyboard
Computer: Diskless PC Intel Pentium
Bar Code Scanner: universal omnidirectional wedge-type laser scanner
3 circular columns on platters with 15 levels
Access to each level controlled by an electronically locked door
Door aperture automatically sized to fit selected bin size
Weight capacity to 600 lbs
Configurations to 628 bins
Injection molded polypropylene trays
Field configurable
3AMP, 120VAC 60HZ or 230 VAC 50Hz
Operating temperature range of 10°C to 38°C (50°F to 100°F) in still air (75% R.H. non-condensing)
For indoor use only.
Shipping weight: 650 lbs
**POWERFUL SOFTWARE**

AutoCrib software leads the way with the most powerful and user friendly inventory management system available. It provides a variety of cost center tracking options (Department, Job, Part Number, Machine, etc.) and over 200 reports to assist in identifying trends, waste and inefficiencies. The system comes complete with the ability to manage manual or traditional tool cribs, stores, areas or other types of inventory storage locations. The RoboCrib can also run over AutoCrib.net, a powerful web-based application.

Supply Chain management is integral to every AutoCrib system. The system can be run in a traditional Purchasing/Receiving mode, or have suppliers control and restock the system from their remote warehouses. The system also has the capability to interface through internet exchanges to many popular Supplier and Enduser ERP systems. (SAP™, DataWorks™, PeopleSoft™, Prophet 21™, etc.)

**SIMPLE & FAST**

Because we know that time is money, we have designed RoboCrib to be as fast as possible. With an average dispense time of seven seconds, we get users back to work in a minimum amount of time. Buttons that display on the touchscreen are programmable for each user, only showing them the functions that are relevant.
RoboCrib is a system based upon a series of counter rotating carousels that is available in 3 different sizes. The RoboCrib 2000, provides access to over 2500 items through one of 15 automated doors in less than 10 seconds using 12 vertical tray assemblies. The RoboCrib 1000 provides access to over 1000 items through one of 15 automated doors in less than 10 seconds using 5 vertical tray assemblies in a smaller footprint. The RoboCrib 500 provides access to over 600 items in the same footprint as a traditional 30" X 30" tool cabinet. Unlike many point-of-use dispensing machines, the RoboCrib manages issue and return transactions of both fast and slow moving items in high security environment while eliminating the need for individual re-packing.

**CAPACITY**

RoboCrib2000 has been designed to provide secure access to as many as 2574 different items with optional expansion bins. Imagine this incredible capacity in a system that requires less than 27 square feet of floor space. The RoboCrib1000 provides access to as many as 1050 items in less than 10 square feet of floor space and can fit through a standard doorway. The variety of available bin sizes makes managing both small and large items a reality (cutting tools, gages, valves, tube fittings, batteries, safety supplies, welding tips, keys and much more).
HOW IT WORKS

Users simply push the issue button on the touch screen, the RoboCrib prompts for an employee number and optional PIN number (this can be typed or scanned in). You can also include any overhead data that you choose (ie. Department Number, Job Number).

Next the user selects the item by searching using the item code, description, or any one of 16 other searchable fields. The system then verifies the request against the AutoCrib databases and initiates moving the carousels. Once the item is moved into position, the appropriate door is opened. The user can access the necessary item through a secure portal.

SCALE MATE

The ScaleMate option is a unique approach of combining the popular high security RoboCrib system with a counting scale (load cell). This gives the RoboCrib the ability to dispense multiples of items from a single bin in a high security format using optional 6 & 12 pie parts cups. This solution provides a significant increase in security over drawer based dispensing systems. In the typical drawer based system the user is required to tell the system how many of a specific item they are taking. This results inaccurate bin counts, which ultimately cause overages and/or stock outs. The ScaleMate system does not rely on the user to give a count of what was taken, it is done automatically. If the user attempts to put something in the bin in an effort to change the issue quantity, the system checks to make sure the new weight is divisible by the per piece weight and if not, bin contamination will be reported to the system administrator.

SECURITY & ACCESS CONTROL

You make the decisions regarding employee access profiles using our item based access control. The system is able to limit the use of any item to a specific quantity per day, week or month. Furthermore, employee access can be limited by a dollar threshold or by setting time restrictions by shift. RoboCrib can also control access by allowing items to only be used on specific jobs. Finally, access thresholds can be set by departmental budget as well. The system is also able to track “lot numbers” as well as deny access to a serialized gage that has fallen out of its calibration cycle. Pre-sized portals matching the bin sizes insure that security is not compromised.
You make the decisions regarding employee access profiles using our item based access control. The system is able to limit the use of any item to a specific quantity per day, week or month. Furthermore, employee access can be limited by a dollar threshold or by setting time restrictions by shift. RoboCrib can also control access by allowing items to only be used on specific jobs. Finally, access thresholds can be set by departmental budget as well. The system is also able to track “lot numbers” as well as deny access to a serialized gage that has fallen out of its calibration cycle. Pre-sized portals matching the bin sizes insure that security is not compromised.

Typically, storage needs change, therefore we 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.

Features of our flexible bin system:
• Mix and match to suit your needs
• Eliminate the need for repackaging
• Suited to large and delicate items
• Easily reconfigured in the field
• Custom bin configurations available

Unlike other systems, RoboCrib can be mobile when using optional wheels. Therefore, this system is perfectly suited to manage maintenance and repair parts throughout large areas like airline hangars, ship yards and large manufacturing plants.

Pie slice shaped bin sizes include:
• 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)

FLEXIBILITY

Typically, storage needs change, therefore we 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.
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ROBO CRIB 2000
Enclosure: 62”W x 62”D x 84”H
- Powder coated heavy gage sheet metal
- Tubular steel frame
- Tapered roller bearing pivots
- High-strength chains and sprockets

Computer display front clearance:
  With keyboard pulled out: 6”

Computer display: 12.1” diagonal color SVGA TFT touchscreen
Computer: PC Intel Pentium
Bar Code Scanner: universal omnidirectional wedge-type laser scanner

12 circular columns on platters with 15 levels
Access to each level controlled by an electronically locked door
Door aperture automatically sized to fit selected bin size

Weight capacity 2800 pounds
Configurations to 2574 bins
Injection molded polypropylene trays
Field configurable
3AMP, 120 VAC 60Hz or 230 VAC 50Hz
Operating Temperature range of
10°C to 38°C (50°F to 100°F) in still air (75% R.H. non-condensing) or stored in a range of
-18°C to 68°C (0°F to 155°F).
For indoor use only.
Shipping weight: 2,400 lbs

ROBO CRIB 1000
Enclosure: 34”W x39”D x 78”H
- Powder coated heavy gage sheet metal
- Tubular steel frame
- IGUS bearing pivots
- V-ribbed drive belt system

Computer display front clearance:
  With keyboard pulled out: 6”

Computer display: 12.1” diagonal color SVGA TFT touchscreen
Computer: PC Intel Pentium
Bar Code Scanner: universal omnidirectional wedge-type laser scanner

5 circular columns on platters with 15 levels
Access to each level controlled by an electronically locked door
Door aperture automatically sized to fit selected bin size

Weight capacity 1000 pounds
Configurations to 1050 bins
Injection molded polypropylene trays
Field configurable
3AMP, 120 VAC 60Hz or 230 VAC 50Hz
Operating Temperature range of
10°C to 38°C (50°F to 100°F) in still air (75% R.H. non-condensing) or stored in a range of
-18°C to 68°C (0°F to 155°F).
For indoor use only.
Shipping weight: 1,000 lbs

ROBO CRIB 500
Enclosure: 30”W x 31”D x 74”H
- Powder coated heavy gage sheet metal
- Welded base and frame structures
- Tapered roller bearing pivots
- High-strength chain and sprockets

Computer display: 12.1 diagonal color SVGA TFT touchscreen
On-screen “virtual” soft keyboard
Computer: Diskless PC Intel Pentium
Bar Code Scanner: universal omnidirectional wedge-type laser scanner

3 circular columns on platters with 15 levels
Access to each level controlled by an electronically locked door
Door aperture automatically sized to fit selected bin size

Weight capacity 600 lbs
Configurations to 628 bins
Injection molded polypropylene trays
Field configurable
3AMP, 120VAC 60HZ or 230 VAC 50Hz
Operating temperature range of
10°C to 38°C (50°F to 100°F) in still air (75% R.H. non-condensing) or stored in a range of
-18°C to 68°C (0°F to 155°F)
For indoor use only.
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