

VISICAB

Tool Vending Cabinet



AutoCrib is delivering next generation industrial vending with the VisiCab – *Object Recognition*. This is an excellent solution for F.O.D. (Foreign Object Debris) control but can be used in *any application where 100% of the tools or other items must be returned and accounted for.*

Any variety of tools can be housed in the trays of the VisiCab and ***THE MACHINE CAN ACTUALLY SEE which items are in the machine and which are missing! It also knows who took them out and when!***

HOW IT WORKS

Users begin by entering an employee number manually or through an optional card reader; access can be granted or denied by employee number.

The access door opens and the user presses the power and forward/reverse buttons simultaneously on the left and right portions of the cabinet to index the tray(s) to the position(s) where the tool(s) they require are located. The user removes the tool(s) and closes the door.

The system indexes all 8 trays past the imaging system to detect if any tools are missing. If any tools are missing the green LED indicator turns red to provide visual notification that one or more tools are out on the floor.

The return process is the same as in steps 1-3 except in step 4 the user returns the tool(s).

If all tools are present, the LED changes from red to green.

WHY IT IS DIFFERENT

VisiCab keeps tight control of critical tools in F.O.D. (Foreign Object Debris) control environments without the need for applying RFID tags or modifying tools. This system is far superior to other types of systems on the market that use optical sensors, RFID tags or weight based switches. The system has the ability to see not only shapes of tools but colors as well. This means that it can tell the difference between a ½ wrench with a green stripe or a blue stripe. Thus it can tell the difference between two users ½ inch wrenches that appear exactly the same.

FEATURES

- 24/7 availability with security and accountability
- **Proprietary Machine Vision** tool detection system
- 40” W x 30” D x 52” H on casters
- 8 metal trays, all 30” W x 12” D, 25 lb. capacity
- Trays driven by 2 simultaneously held buttons
- Red or green LED status indicators
- Battery backup options in excess of 8 hours
- Maximum tray delivery 10 seconds
- Tools in foam cut outs with contrasting background
- NO software needed in basic model, but VisiCab can be integrated with all AutoCrib software and other machines for even greater functionality!
- Quick and easy access
- Compact footprint
- No modifications of the tools required
- Does not use RFID tags