

Bi-Start Biometric System by **CRAM-A-LOT**[®]

Bio-Start System

The fingerprint reading Bio-Start System is designed to prevent unauthorized users from operating CRAM-A-LOT compactors and balers. This innovative System is installed in lieu of a standard key switch, allowing equipment operation by authorized users programmed into the system. No computer interface or handheld device is required to program or operate the system, it is fully independent.



Use secure "fingerprint recognition" technology to help ensure reliable machine access control.



CRAM-A-LOT[®]
J.V. Manufacturing, Inc.
Solid Waste & Recycling Equipment

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Advanced fingerprint recognition technology means increased safety for your employees, and lower operating and administrative costs.

BENEFITS

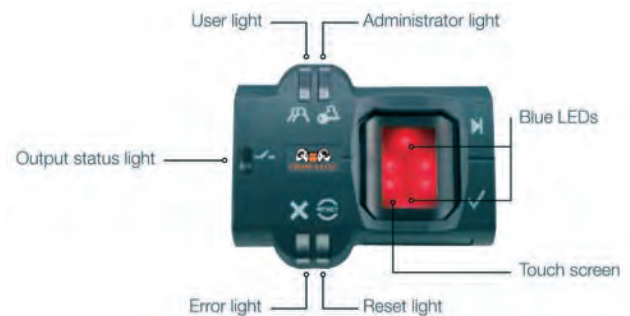
- Eliminates unauthorized use of equipment.
- Simple and efficient, enables you to restrict access to only authorized personnel.
- Utilizing fingerprint recognition technology offers an affordable machine control solution, while maintaining user-friendliness.
- Provides administrative control to prevent underage users from operating equipment.
- Allows access to equipment to discard waste or recyclables, but prevents operation by underage users.
- Efficiently protects against ID sharing (as opposed to keys, badges, codes and passwords, etc.)
- Eliminates cost associated with loss of keys, cards, badges, etc.

HIGH PERFORMANCE

- Memory capacity allows up to 100 users.
- Records prints from different fingers from each operator to increase security.
- 1 second operator authentication to authorize or refuse access.
- 0.1% False Acceptance Rate (FAR).
- Cannot extract data from device, ensuring operator privacy.
- High-intensity LEDs.
- UL Listed.

USER-FRIENDLY

- No password to remember, no losing or forgetting a key or badge – your fingerprint is your key.
- Fully stand-alone programming and operational status is achieved without use of a supplementary interface.
- Simple and intuitive; registration/recording occurs directly on front face of switch using LED dialog.
- Ease of Registration; new user set-up accomplished within minutes.



Designed to accommodate two different users:

Administrator – manages registration and deletion of fingerprints.

Operator – once registered, uses their fingerprints to initiate equipment operation.



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