Forklift Biometric Access Control System

Model: HIS-FLWS-023 | Industrial operator authentication for forklifts and material handling equipment



Overview

A premium operator access control solution that helps restrict unauthorized forklift usage using fingerprint, RFID card and optional PIN access.

Key value

Combines operator authentication, date-time data collection, performance tracking, administrator control and emergency stop functionality in one industrial unit.

Industrial build

Heavy-duty rain-proof enclosure designed for forklift and MHE installation.

Fingerprint access	**RFID card access**	**Optional PIN access**
500+ person & RFID capacity	**Date & time collection**	**Emergency stop + reset**

01 / Access interface

Multiple operator authentication options in one protected panel

The internal control interface brings together the main access methods and operator controls in a structured industrial layout.



- Fingerprint reader for direct operator verification
- RFID access area for non-contact operator authentication
- Optional PIN keypad for administrator-approved access workflows
- Admin-controlled operator registration and override capability
- USB data capture support for operational records

02 / Safety control

Visible emergency stop and reset interface

In addition to access control, the system includes a prominent emergency stop and a reset control to support clearer operational safety handling.



- Emergency stop for immediate intervention
- Reset control for restart logic
- Safety fuse protection for dependable use

03 / Industrial construction

Heavy-duty rain-proof enclosure for forklift and MHE installation

The enclosure is designed for industrial use, helping protect the access electronics while supporting practical mounting on forklifts and related material handling equipment.



- Heavy-duty rain-proof enclosure and canopy
- Self-lock / auto-lock magnet arrangement
- Easy mounting on forklifts and MHEs
- Suitable for operator access management in warehouse and industrial fleets

04 / Where it fits

Application	Value
Warehouse forklift fleets	Helps restrict unauthorized use and improve operator accountability.
Shared industrial equipment	Supports access discipline where multiple operators use the same vehicle.
Safety-focused internal transport operations	Combines authentication, tracking and emergency safety control.

05 / Product highlights

Technical and functional summary

- Fingerprint, RFID & optional PIN access
- Unauthorized operator restriction
- 500+ person & RFID access capacity
- Operator performance tracking
- Date & time data collection
- Real-time operation tracking
- Admin-controlled operator registration
- Admin override facility
- USB data capture
- Emergency stop and safety fuse protection

Original product page: https://heshamsolutions.com/shop/category/industrial-safety-access-control/forklift-bio-metric-access-system-rainproof/3

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