

Forklift Aisle Safety Systems

Automatic Detection Helps Protect Pedestrians, Reduce Accidents



Most forklifts are eventually involved in an accident...

What are the costs of one forklift incident?

The **AisleCop™ Safety Gate System** helps make intersections, blind corners, entry doors, and busy forklift aisles safer by aiding pedestrian and industrial vehicle traffic flow. Detection systems are activated by a simple push button. If forklifts are present, the gates stay locked; if the aisle is clear, warning lights and audible alarms activate before the gates are opened.

AisleCop™ systems operate based on detection, but also work manually. Systems with boom arms synchronize with pedestrian gates to enhance visibility in the aisle.

Limited-vision intersections and high-traffic areas are ideal for **AisleCop™** but *any* crossing/entry point can benefit from this safety-enhancing system. **Call today for assistance.**



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Detection & Access: If forklifts are present, gates won't open. Flashing lights and audible alarms alert forklift drivers to foot traffic



Automated AisleCop™

- To cross the aisle, pedestrians press a push button
- In automated systems, sensors search for fork trucks or other defined traffic—static or moving
- If a forklift is detected, lights flash and the gates remain closed until the fork lift aisle is clear
- If no traffic is detected, lights flash, an audible alarm beeps and the gates open into the aisle on opposing sides, creating a visual barrier for forklift drivers and allowing pedestrians to cross
- Once gates are open, a motion sensor detects the presence of pedestrians. As long as individuals are detected in the crossing aisle, the gates remain open
- Once pedestrians are clear, gates automatically close and enter standby mode so forklifts can cross the aisle
- AisleCop™ can interface with alarm systems for emergency unrestricted egress. During fire alarms or other defined emergencies, gates can be set to automatically open

Manual System: Slows and focuses pedestrians

Remember stop, look and listen? Gates help slow pedestrians and make them pay attention at dangerous crossing points where forklifts may be in the aisle. A simple push button opens the gates after the pedestrian pushes the 'open' button.

Auto Gate System: Won't open until the aisle is detected clear of industrial traffic

These systems scan for forklift traffic and won't open if it's present. Activated by push-button, the system scans the designated area and opens the gates if traffic is clear. Gates close automatically once pedestrians clear the aisle. Includes the gates, controllers, and sensors as needed per application.

Boom Arms/Forklift Gates: increased visibility and control

To enhance protection, high-visibility boom arms are installed in the forklift aisle to help alert drivers to the open crossing. Arms synchronize with automated or manual pedestrian gates.

Custom Controls & Sensors:

Multiple sensor types can be configured to your traffic rules, timing, or processes. They can be changed to meet evolving needs.



A variety of options:

- **Battery backup:** Detects current loss, opens the pedestrian gates, and leaves them in the open position so traffic flow isn't impeded while electrical power is absent. Can be configured to open or close boom arms as well
- **Link to high-speed overhead doors:** Synchronizes the safety gate system with high-speed overhead doors
- **Card reader integration:** The gate reads magnetic strip identification cards, and will not open for unauthorized personnel
- **RFID card reader:** works with RFID-based identification cards
- **Card tracking integration** with either RFID or magnetic strip cards can be integrated into the AisleCop™ System
- **Guard rails:** define aisles in most any layout necessary

AisleCop™ systems are safety aids that help define and control access to aisles. They do not provide 100% protection from industrial traffic accidents and should be treated as a safety enhancement, not a comprehensive system. AisleCop™ gates do not stop forklifts or other industrial traffic. Other critical factors, such as system maintenance, personnel safety training, enforcement of crossing lanes, and assessment of safe crossings are the responsibility of individuals and companies.

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