



**ForkAware  
Forklift Detection**

- Warn Pedestrians
- Ideal for shared traffic areas
- Improve Safety
- Prevent accidents

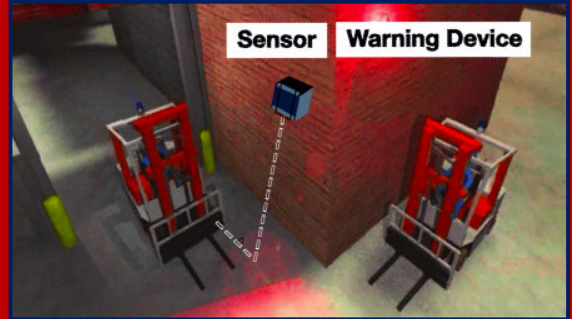
[www.automationsystemsandcontrols.net.au](http://www.automationsystemsandcontrols.net.au)

The **Fork Aware** Motion Detection System is a **unique and affordable solution** utilizing Radar Technology to warn pedestrians of forklifts and/or mobile plant approaching from where they might otherwise not be noticed. Most commonly used in "black spot" areas such as blind corners, pedestrian cross-over's or entering doorways, the application possibilities are diverse and also include suitability to cranes and heavy mining machinery.

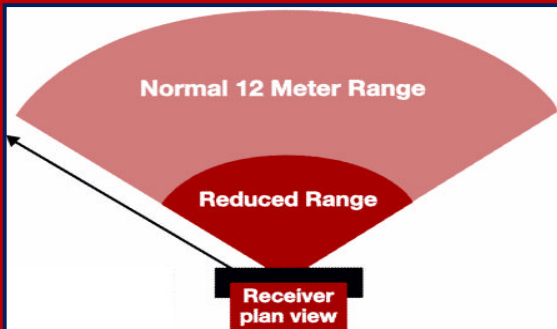
The **Fork Aware** Motion System gives an early specific warning that a forklift is approaching. **Fork Aware** Motion can be applied to activate warning lights, sound audible warnings, control pedestrian traffic, open doors, and prevent high mast equipment from entering low doorways.

### How does it work?

At each danger area a **Fork Aware** Motion Sensor is mounted. Sensors are connected to a local control module which is used to switch warning lights/alarms upon any forklift approaching the danger area. The sensor is set on installation for the appropriate detection area and to distinguish a vehicle moving towards or away up to 17 meters in distance. The system can also be programmed to detect pedestrians too.



The Receiver (via a Controller unit) triggers an audible or visible alarm, a barrier, automatic doors, boom gates, etc;



The range control Adjustment is used to increase the range from 5 meters up to 17 meters.

## Where Fork Aware Motion is used

*Fork Aware is used in "Black Spots" or "Danger Areas" of the plant. It is most effective when only specifically used in these types of high danger areas,*

This simple to install system is designed to support sites with high turnover of forklifts or rental equipment, and which may have a variety of different vehicles. It is used where the approaching Forklift cannot be seen until it is almost upon the pedestrian, **Fork Aware Motion** is a great safety solution for:

- **Blind corners**
- **Shared doorways**
- **Doorways that open into fork traffic areas**
- **Racking aisles**
- **Workstations where forklifts come in around employees to drop off materials**

## Safety Considerations

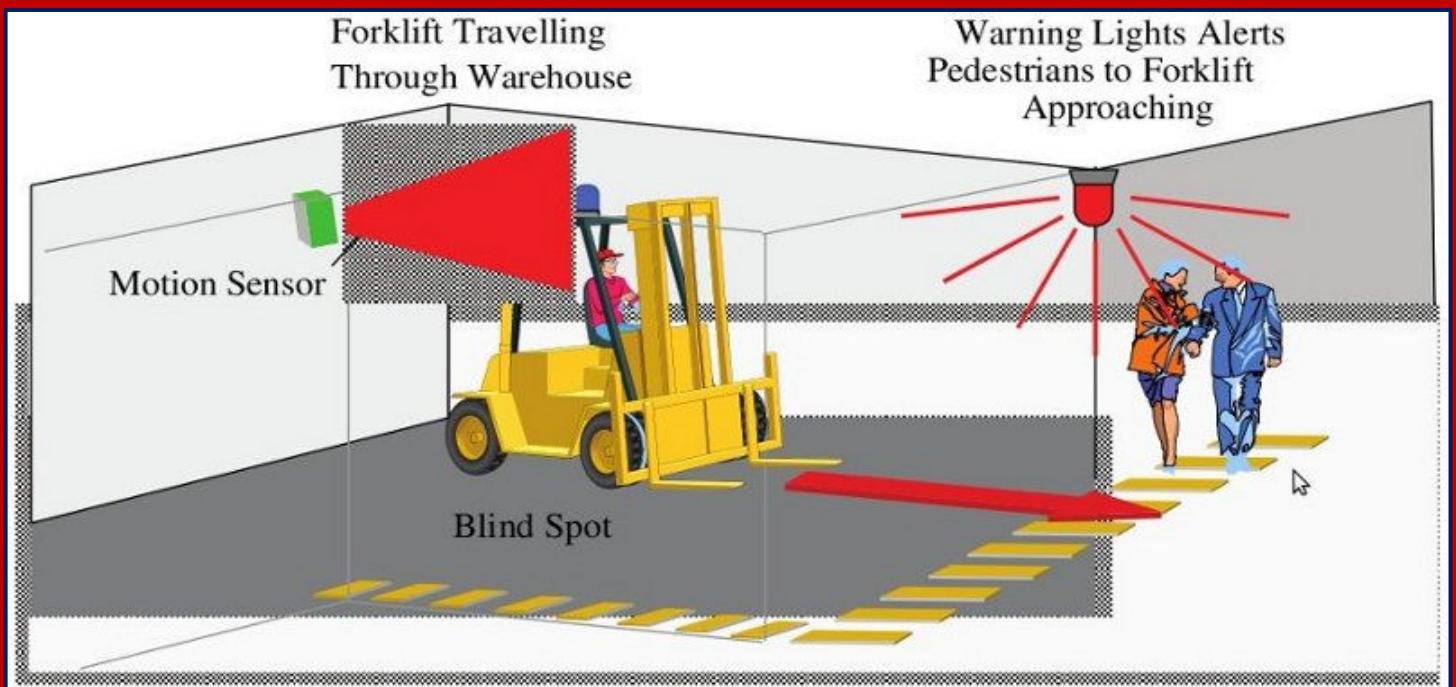
Statistics\* indicate there is one workplace injury claim DAILY relating to forklifts and 61 % of forklift related deaths involve pedestrians. These claims typically result in pay-outs of over \$20,000 each and a "serious" accident can cost a company more than \$200,000.

New guidelines from many authorities have specified the need for systems such as the **Fork Aware** system to warn the pedestrian of the imminent danger a forklift poses.

\*Workcover Victoria Statistics

## Advanced Warning

**Fork Aware** gives pedestrians at least 4 seconds of warning of an approaching forklift to ensure they are in a safe location location.



**Automation Systems and Controls Pty Ltd**  
Unit 24, No.11 Havelock Road, Bayswater VIC 3153  
Telephone: 03 9720 0211 Fax: 03 9720 8712 Email: [salesm@asconline.com.au](mailto:salesm@asconline.com.au)  
Web: [www.automationsystemsandcontrols.net.au](http://www.automationsystemsandcontrols.net.au)