

ESPEED

Autonomous Speed Adaptation

Automatically control forklift speeds to help reduce risk.

Forklifts often operate across different environments within the same site - from open yards and loading areas to warehouses, awnings, freezers and high pedestrian areas.

ESPEED uses geo-fencing and defined speed zones to automatically adapt vehicle speed, reducing speed where additional control is needed while allowing normal operation where it is safe to do so.



Key Benefits



Automatic speed adaptation: Speed changes automatically when the forklift enters a defined zone.



Speed where it's needed: Apply lower speeds in higher-risk areas while allowing normal operation elsewhere.



Multiple speed zones: Configure different speed limits for different areas of a site.



Designed around your site: Select the sensing technology and zone arrangement to suit the vehicle, environment and application.



Flexible zone configuration: Zones can be created using ceiling heights, reflective targets, RF tags or other defined triggers.



Works with your vehicle: ESPEED can interface with appropriate vehicle speed-control systems, subject to vehicle capability.



The ESPEED Range

ESPEED Radar: Ceiling height speed zoning. Uses ceiling or structure height above the forklift to determine the required speed zone. Applications can include outdoor-to-indoor transitions, awnings, loading docks and freezer areas.

ESPEED Reflective Strip: Simple transition-based speed zoning. Detects a reflective target as the forklift enters a defined area and changes to the programmed speed. Suitable for doorways, entry points and defined transitions.

ESPEED Long Range RF: Flexible zone detection. Uses small, batteryless RF tags positioned around the site to define speed zones. Tags can be installed on ceilings, poles, walls or racking.

ESPEED A.I. / EPAS Interface: Scenario-based speed control. Uses visual targets or integration with pedestrian-awareness technology to trigger defined speed zones around set site conditions.

Detect the zone: ESPEED identifies the defined area using the selected sensing technology.

→ **Adapt the speed:** The system sends the appropriate speed-control signal to the vehicle.

→ **Operate more safely:** The forklift automatically operates at the programmed speed for that area.

Designed around your vehicles and site

Ezotech can help select and configure the right ESPEED technology and speed zones for your forklifts, site and application, with installation and commissioning support.



Why Ezotech?

20+ Years of safety technology experience.

Ezotech Solutions an Australian authorised dealer and integrator of speciality safety technologies sourced from around the world.

Our service is practical and mobile. We consult, supply, assist with commissioning and provide training, with on-site support available Australia wide, and shipping worldwide.

Industries

- Construction
- Warehousing/Distribution
- Manufacturing
- Logistics & Road Freight
- Mining & Quarries
- Utilities & Waste
- People Transport

Don't wait for an incident to happen

Talk to Ezotech about the right safety technology for your vehicles and site.



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