

Kalmar Personnel Proximity System increases the safety of personnel working alongside your equipment. The system is quick and easy to implement, compatible with any brand of equipment and has an economical total cost of ownership. It is the perfect complement to good working practices.

Kalmar product enhancement solutions are designed to take your equipment to the next level. They can be retrofitted to any brand equipment and they meet our high quality standards. Our comprehensive set of solutions will enhance every critical aspect of your equipment.

Enhancement solutions	Productivity and performance	Lifetime value	Safety	Environment
Tyre Life eXtension (TLX Drive Axles)	✓	✓	✓	✓
Tyre Pressure Monitoring System	✓	✓	✓	✓
Kalmar – ECO Drive Modes	✓	✓		✓
Kalmar – Start/Stop (of engine)	✓			✓
Personnel Proximity System	✓	✓	✓	
Front & Reverse Warning System (cameras & sensors)	✓	✓	✓	
All LED lamps, blinkers and beacons	✓	✓	✓	✓
Illumination and Beeper Solution	✓	✓	✓	
Fire Supression System & Fire Extinguishers		✓	✓	
Alco-Lock System	✓		✓	
Climate & Environmental Conditions	✓	✓	✓	✓
Hydraulic Moveable Cab	✓	✓	✓	
Container Counter	✓			
Load Scale Display	✓		✓	
Speed Controller		✓	✓	
Mini/lever Steering	✓	✓		
Grid Protection Cab Roof			✓	
Blue Safety Light			✓	

Can't find what you're looking for? Contact your local Kalmar sales team and we'll find a solution that meets your needs.

Kalmar offers the widest range of cargo handling solutions and services to ports, terminals, distribution centres and to heavy industry. Kalmar is the industry forerunner in terminal automation and in energy efficient container handling, with one in four container movements around the globe being handled by a Kalmar solution. Through its extensive product portfolio, global service network and ability to enable a seamless integration of different terminal processes, Kalmar improves the efficiency of every move.
www.kalmarglobal.com

Kalmar
 PO Box 61
 FI-00501 Helsinki, Finland
 Tel. +358 20 777 4000

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Personnel Proximity System

Increase the safety of your personnel



Safety enhancement solution



Reduce the risk of injury to personnel

You can never pay too much attention to safety when your personnel and machines are working in close proximity. Incidents can halt operations and have consequences that affect every aspect of your business and incur high costs. To keep your personnel fully aware of the operating areas of your equipment, the Kalmar Personnel Proximity System alerts operators and drivers, as well as ground staff and other yard personnel, when equipment and people are in close proximity.



Safety with plug and play

The solution is easy to implement and to install as a retrofit to any brand of equipment. It has high reliability, as it is unaffected by environmental conditions such as low lighting, rain, dust or fog, and it operates on a full 360-degree field of detection.

The system operates reliably in low lighting, rain, dust and fog

The solution comprises remote configuration software, components installed in the vehicle and tags worn by personnel.

When the system detects a tag within its vicinity, it provides an audible and visible signal to both the equipment operator and the person wearing the tag.

Multiple detection zones ranging from 0 to 20 metres can be set, expanded and reduced depending on the equipment speed or type of operation.

Key features

Safety

- 360° field and detection of people around corners
- Can operate in complete darkness, rain, fog and dust
- 20-metre detection range provides early warning
- Personnel tags are robust, water-resistant and reliable

Technology

- Uses electromagnetic near field technology
- Remote configuration using standard web browser
- WiFi connection to smartphone, tablet or PC
- Standard cable & connectors with no external infrastructure
- No calibration or physical adjustment needed
- Multiple shared systems and tags can operate in the same area



Key benefits

- Improves the safety of any type and brand of equipment
- Quick and easy to install and implement
- Economical lifetime cost