BACKUP ASSISTANCE SYSTEM
MINIMIZE COSTLY COLLISIONS

SICK Sensor Solutions for Manned Forklifts

SICK
Sensor Intelligence.

COLLISION ALERTS FOR FORKLIFT APPLICATIONS

Actively monitor the obstructed view area behind a forklift and minimize collisions. Using our compact, advanced laser measurement scanner, this stand-alone backup assistance system gives real-time feedback to the driver via an audible warning(s) only when the truck is too close to any stationary or moving object. This intelligent system was designed specifically for forklifts and the system can be connected to the reverse drive function of the vehical to eliminate false alarms. Visual warning lights are optional.
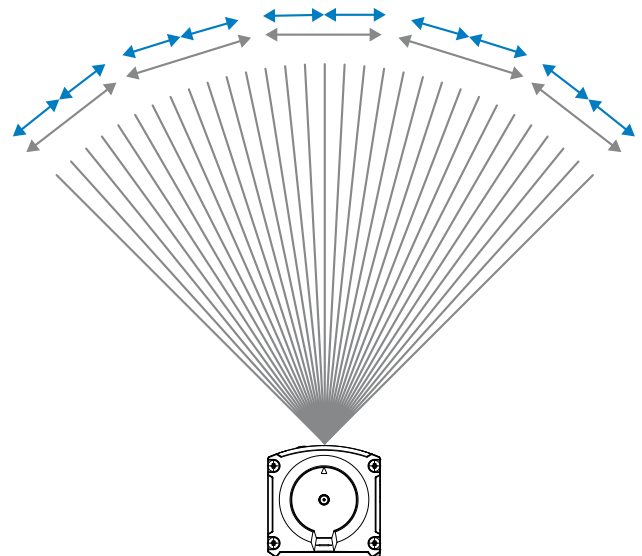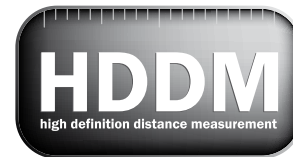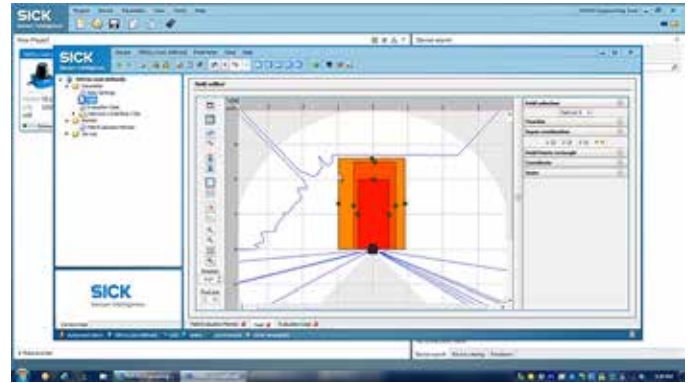
System Features & Benefits

- No constant buzzing or flashing lights eliminates operator fatigue
- Stand-alone, aftermarket solution that actively alerts the operator to unseen obstructions behind the forklift, which contributes to a reduction in accidents
- Simple, independent solution that does not require additional equipment on potential obstcles for detection of stationary or moving obstacles, e.g., personnel, product, walls
- Low power consumption of 3 W minimizes drain on vehicle battery
- Wide operating temperature range from -10° C to +50° C for cold storage and other environments
- Lack of lift truck control system override means operators can still use the full capability of the lift truck
- Alarms are engaged when vehicle is traveling in one direction

Kit Includes

- Eye-safe class 1 TiM3xx laser measurement scanner with adjustable detection range (on dark objects) and up to 270° field-of-view
- Cable and mounting bracket for simple mounting and adjustment
- 95 dB buzzer with two audible tones and cable
- DIN rail assembly with DC/DC converter, multiple relays and terminal strips
- Kits available for different voltage trucks and electrical systems
- Optional visual warning indicators

Sensor Intelligence Features & Benefits

- Two customizable warning areas allow for a tailored fit instead of a one-size-fits-all solution
- High Definition Distance Measurement (HDDM) ensures reliable object detection
- Built-in, advanced 15,000 lux immunity and customizable warning areas reduce nuisance trips from ambient light, reflective vests, sunlight, etc.
- Integrated evaluation gives a simple output when objects appear in warning area(s)

HDDM
high definition distance measurement

TiM3xx

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