Forklift Safety

Forklifts are used to move and handle materials safely and efficiently within a warehouse environment. Promoting and maintaining safety when using this machinery is of the utmost importance in these busy surroundings.

IRONguard forklift safety products prevent collisions, safely increase machine operation efficiency, and reduce maintenance hazards; keeping your workplace safe and running smoothly.

At IRONguard, we raise the bar in forklift safety.

**COLLISION AVOIDANCE**
- ForkliftSpotter
- LED Headlight
- Safe-Lite
- Safe-Bump
- Ergo BackUp Handle
- Mirrors
- Back-SavR

**SAFE & EFFICIENT OPERATION**
- Accu-Tilt
- Accu-Height
- Lift Truck Log
- Checklist Caddy
- Bright-Belt
- EZ3 MagTool Kit

**MAINTENANCE SAFETY**
- Cormack Valve
- LockOut Guard
- Forklift Battery PPE Kit
- Dissipator Cap
- Watering Gun
- Propane Gloves
Help prevent pedestrian collisions!

Collisions between man and machine can be catastrophic. Pedestrians in facilities with forklifts are in danger, especially when using hearing protection, distracted by mobile device use AND in poorly lit workplaces.

IRONguard’s ForkliftSpotter can prevent these potentially lethal accidents.

A bright beam of light is projected onto the floor behind AND in front of the forklift alerting pedestrians of the oncoming vehicle well in advance. The ForkliftSpotter is especially useful at blind intersections and rack aisles. Because the light moves with the forklift, onlookers are easily warned of the vehicle moving in their direction.

The simple mounting system makes it easy to install on the back (and front) of the forklift. LED technology projects a bright spotlight and offers over 50,000 hours of life.

Features & Benefits
- Provides visual warning for pedestrians; promotes greater safety
- Configured for 10-80 VDC
- Bright LED spot beam pattern projects onto the ground
- UV-resistant polycarbonate lens
- Built tough: solid state LEDs can withstand shock & vibration
- Long-lasting LEDs (50,000 Hour Service Life) means never having to replace another bulb!
- Rugged aluminum housing prevents rust & corrosion
- Optional universal mounting kit (see below)

Standards Compliance
- RoHS, CE & IP68 (Total Dust & Water Resistant)

Universal Mounting Bracket Kit
- 4" wide x 2" high x 3" deep CRS (Cold Rolled Steel) powder coated black for added durability
- Includes (2) x heavy duty tie straps for quick & secure installation (rated for 250 lbs capacity)

Warning Safety Sign
- Full Color – One Side
- 9" x 12" Aluminum c/w (2) x 1/4” mounting/hanging holes at top corners
- Warns pedestrians at entrances of forklift traffic

General Specifications
- Lens Pattern: Spot
- Lens Material: Polycarbonate
- Housing Material: Aluminum
- Mounting Hardware: (x1) M10 – 1.5 x 20mm
- Connector: Wire Harness

Technical Specifications
- 10-80V DC Input
- .72 amps @ 12 VDC
- .34 amps @ 24 VDC
- .22 amps @ 36 VDC
- .17 amps @ 48 VDC
- .14 amps @ 60 VDC
- .10 amps @ 80 VDC

Universal Mounting Bracket

Warning Safety Sign Kit

When BLUE LIGHT is visible on floor
BEWARE OF FORKLIFT TRAFFIC
**LED FORKLIFT HEADLIGHT**

*Keep visibility high!*

IRONguard's LED Forklift Headlight creates a safer environment and is built strong for the rough work forklifts do. With high impact/vibration resistance and an LED lifespan rating of 50,000 hours, the LED Headlight outperforms traditional incandescent lights typically rated at only 5,000 hours. Servicing this high-performance product may become the most infrequent maintenance task!

The LED Headlight uses two 10watt Cree LED's with a 10-80 VDC operating voltage and shines with 1500 lumens. The aluminum housing and IP68 dust/water infiltration rating ensure a durable, long-lasting investment.

All mounting hardware is included.

**SAFE-LITE PEDESTRIAN WARNING SPOTLIGHT**

*Alert pedestrians of nearby traffic.*

The Safe-Lite alerts pedestrians of forklifts approaching blind corners or forklifts entering and exiting trailers. The blue LED light projects an intense spotlight 10 to 20 feet ahead of the forklift to alert the pedestrian of nearby traffic. The Safe-Lite can be installed on the front or back of any forklift, sweeper or any other piece of industrial equipment.

**Specifications**

- **Input**.........................9-64 V DC
- **Light type**..................2-Cree Blue LED
- ...........................................IP67 rate
- ...........................................7G Shock Resistant
- **LED Life Rating**........50,000 hours
- **Size**..........................5" W x 3" H x 3.25" D
- **Mounting Bracket**........140 Degree swivel
- **Cable Length**................8' with clips

**SAFE-BUMP FORKLIFT PROTECTORS**

*Reduce damage in many applications.*

Specifically designed for forklifts, Safe-Bump attaches with two 100 lb magnets and (VHB) two way tape.

- **Size:** 18" L x 4" W x 1.5" D
- **Magnets:** two 100 lb magnets

Each bumper includes 2 magnets, two way tape and fork brackets.
Collision Avoidance

**ERGO BACK-UP HANDLE**

Reduce back strain with the Ergo Back-up Handle.

Operators who are required to travel frequently in reverse often grab the overhead guard. This is a dangerous practice and has resulted in serious injuries.

- Eases back stress when turning around
- Fits any lift truck
- Installs in minutes
- Keeps operator’s hand inside the operator compartment
- Optional horn switch allows operator to keep left hand on steering wheel (hard wire to existing horn or battery operated for easy installation)

**MIRRORS**

360 degree visibility.

Lift truck operators need to know what is going on all around the lift truck at all times. IRONguard mirrors give a high range of visibility allowing the operator to perform a quick safety check before travelling in reverse. Installation on any lift truck is quick and easy.

IRONguard’s Dome Mirror offers 180° view and be installed in seconds with double-sided tape or a magnetic arm.

IRONguard’s Wide Magnetic Mirror provides a wide angle view of the operator’s surroundings for safety and is ideal for traveling in reverse. Can mount on the overhead guard in seconds using the magnetic arm attachment.

IRONguard’s Side Magnetic Mirror provides a side-view of the operator’s surroundings for safety and can mount anywhere in the operator’s compartment in seconds using the magnetic arm attachment.

**THE BACK-SAVR**

Help Prevent Potentially Deadly Rearward Accidents

Year after year, statistics show more accidents and fatalities occurring when objects enter the standup industrial truck operator’s workzone. The Back-SavR is an innovative guard specially engineered to shield operators against a potential collision when backing up near racking systems.

- Takes only minutes to install using common tools
- Fits most major models of reach and standup lift trucks
- Will not obstruct the overhead guard.
- Uses a highly visible, Knuffi® Soft Edge Bumper Guard to further protect the operator

Meets and exceeds requirements set forth in:
ANSI/ITSDF B56.1-2012
SAFETY STANDARD FOR LOW LIFT AND HIGH LIFT TRUCKS
7.30 Operator Protection for Stand-Up, End Controlled, Narrow Aisle and Counterbalanced Trucks

Specifications

- 53” (1346mm) long x 2.5” (63.5mm) diameter x ¼” (6mm) wall
- Weight is 32 lbs (14.5kg)
- Durable scratch resistant black powder coating
- Installation kit includes all mounting hardware
**ACCU-TILT FORK TILT LEVEL INDICATOR**

Always know the tilt angle of the forks!

The Accu-Tilt shows the operator the level of the forks at all times thereby reducing potential damage by piercing product or racking and increasing productivity by eliminating the guess work.

- Reduce product damage
- Reduce rack damage
- Reduce pallet damage
- Increase productivity
- Decrease training time for new operators

Installs in 2 minutes without any tools on any counterbalance lift truck.

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**ACCU-HEIGHT FORK HEIGHT LEVEL INDICATOR**

Always know the height of the forks!

The higher the lift, the harder it is to judge the correct height of the forks. Accu-Height is a simple sticker set that allows the operator to quickly know the right height of the forks at various rack levels.

By matching the indicator sticker with the color marker, the correct fork height is obtained to enter the pallet safely.

The second marker indicates the safe lift height of the pallet to be either removed from the rack or to be placed in to the rack.

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Mast Indicator - Attaches to mast.

Mast Marker - Attaches to inside mast rail, pallet up position.

Sticker Set - installs on rack system tells the forklift operator the correct marker to use on the mast.
**LIFT TRUCK LOG:**

*Complete Checklist System*

The most complete Lift Truck recording system on the market.

Lift Truck Log Includes:
- Daily Check Lists - 624
- Repair Request Forms - 24
- Accident Report Forms - 4
- Near-miss Report Forms - 4
- Lock-out Tag (required if truck is unsafe to operate)
- PM Tracking History - 36 Events (know when to service each truck)

**CHECKLIST CADDY**

- One Caddy 4 1/2” x 7” polyethylene envelope with two-way tape for easy mounting
- One checklist pad with 75 inspection carbon copy sheets available for:
  - Electric sit-down (E),
  - Propane sit-down (CB),
  - Narrow aisle (N),
  - Pallet (P) truck or Aerial Work Platform (A)
  - Crane
  - Skid Steer
  - Electric Stacker
- One pen with attached plastic wire
- Replacement pads are available
- 624 Events per log.

**NOTE:** Regulation states that a lift truck be inspected before the beginning of each shift and a record be kept on file. The Checklist Caddy is a complete system that ensures the operator completes this important task.

The Caddy is a highly visible case that mounts anywhere on the lift truck. A guaranteed way to ensure everyone does their safety inspections. Replacement books and forms available.

**BRIGHT-BELT**

*The Bright-Belt is essential to keep operators safe.*

At 60” in length and conforming to all safety specifications, the Bright-Belt gives increased operator maneuverability and its highly visible, bright orange webbing helps confirm people are safely buckled up. All installation hardware is included.

**EZ3 MAGTOOL KIT**

*The most used tools are always at the ready.*

The MagTool clipboard, tape gun and box all come with an integral, 100lb. magnet which allows them to be easily stuck and removed from a metal surface. That means the most common tools are always available. Less on/off machine time also increases safety and productivity.

Offered in a 3-tool kit or as individual pieces, the EZ3 MagTool Kit is a real time-saver!
CORMACK PROPANE SAFETY VALVE
Prevent dangerous surprises with the Cormack Propane Safety Valve.
Changing an LPG (Liquid Propane Gas) cylinder can sometimes give a forklift operator a big surprise! The seal in the cylinder valve can fail causing liquid propane gas to spray over the hand or face faster than they can react. Liquid propane vaporizes quickly (-42°C or -44°F) and will cause extreme frostbite if it touches skin. Almost every forklift operator has had a negative experience with liquid propane, and they do not like getting hit with LP Gas!

Benefits
- Increases LPG cylinder exchange safety
- Speeds up LPG cylinder changes
- Fits almost all forklifts
- Installation takes just minutes

Design Features
1. In case of LPG release, the liquid propane is directed away from the hand
2. The Easy-Grip ergonomic design allows the operator to hand tighten and loosen the coupler with less effort
3. The plastic nylon material works as an insulator from cold LPG on the brass coupler.
4. All parts are UL rated for forklift LPG applications

CLOSED FUEL (CLOSED VALVE) OPEN FUEL (OPEN VALVE)

LOCKOUT GUARD
Prevent use of unsafe equipment with this lock-out/tag-out device.
The Equipment LockOut Guard is a lock-out and tag-out system that locks-out and tags-out your lift truck or other material handling equipment until repairs are made. This minimizes workplace injury by preventing the use of unsafe and malfunctioning equipment. The LockOut Guard has been designed for lock out of electric and propane forklift connections. Other energy supply connectors are also a possibility.
The LockOut Guard Kit comes complete with LockOut Guard box, (4) LockOut guard tags, (4) tie straps and lock with key. This equipment LockOut Guard is a simple solution to important employee safety.
COMPLETE FORKLIFT BATTERY PROTECTIVE HANDLING PPE KIT

Protect your worker’s health and safety and help prevent workplace hazards!

Occupational Health and Safety laws require that all personnel wear personal protective equipment (PPE) when performing all battery maintenance or replacement. IRONguard’s Complete Forklift Battery Handling PPE Kit comes with everything needed to stay compliant and safe. Forklift batteries contain sulphuric acid which is a hazardous material and the MSDS information requires personnel to wear particular PPE. All the necessary equipment is in one box and the complete kit mounts conveniently on any wall, ensuring it is within easy reach.

The Complete Forklift Battery Protective Handling PPE Kit includes:
- Neoprene safety handling gloves
- Safety goggles/eye protection
- Face safety shield/eye protection
- Apron
- Cap off removal tool
- Flashlight
- Battery hydrometer
- Battery Handling mounting board

DISSIPATOR FORKLIFT BATTERY CAP

Make battery maintenance easy.

Using revolutionary technology, the Dissipator Battery cap maximizes your forklift battery’s potential and reduces watering intervals by returning 80% of the evaporated water back into the battery. Its ergonomic design and durable housing that is resistant against battery acid makes the Dissipator an effective battery maintenance tool. Use the Dissipator cap on all industrial batteries such as a forklift battery, lift truck battery, Aerial Work Platform battery and golf cart battery.

Features
- Instant electrolyte level detection with the “magic eye”
- Durable acid-proof housing protects against acid overflow
- Ergonomic easy-off twist cap
- Battery emissions filter
- Returns 80% of evaporated water back to the battery
- Reduce the need for cell watering
- Reduces harmful gas emissions
- Ergonomic design for easy installation
- Prevents corrosion of the battery case

PROPANE CYLINDER HANDLING GLOVES

Protect Hands from Liquid Propane Burn

To help safely change propane cylinders, IRONguard offers two styles of gloves:
- “Retracto” gloves are always ready to use and are securely attached to the lift truck with a retractable cable.
- “On-Hand” gloves are attached to the overhead guard with a chain to ensure they are readily available.

FORKLIFT BATTERY WATERING GUN

Safely maintain batteries.

Keep your batteries properly filled and keep your battery tops dry by using our SFS watering gun. The forklift battery watering gun will help with the battery maintenance and care of your forklift battery. Our front trigger battery watering gun safely and easily adds water to your industrial batteries. The gun automatically shuts off at the correct fill level every time.

What is the major benefit of using a Battery Watering Gun?
It keeps your employees safe. No longer will your employees have to bend awkwardly over the battery and look into each cell. Now they can insert the tip of the Gun and pull the trigger. This gives an accurate cell fill every time without back strain or the risk of an acid splash.

The main feature of this gun is the patented shutoff mechanism that prevents water from dripping all over the top of your battery when moving the gun from cell to cell. Water can attract dirt and make the battery a safety hazard in a short period of time.

MORE SAFETY SOLUTIONS:

Environmental Control
Loading Dock Bumpers
Wheel Chock Safety Systems
Protection Systems