

Anti-collision solution Airline lift industry

Inspired by industry

Airplane damage while on the tarmac or in the maintenance hangars is a multi-billion dollar industry. A common cause of this damage is due to the impact collision from scissor, boom, and delivery lifts.

A single impact resulting in airplane damage can cause in excess of \$1 million. This cost includes repair to the damaged portion of the airplane as well as the cost of lost flight time of up to several days.

ABB Jokab Safety's anti-collision solution mitigates these costs by providing a robust safety bumper and monitoring system for the lift industry.

Unique solutions and design by ABB

- Safety bumpers are designed to withstand extreme cold, rain and high temperatures making them ideal for outside use year round.
- Pluto Safety PLC offers the highest level of safety for the monitoring and control of the safety circuit.
- A full line of power supplies, connection devices, IP69K pilot devices and wire management systems minimizes weight and integration time.
- Quick-Guard® lightweight extrusion framing allows for a modular attachment of the anti-collision solution to all makes and models of lifts.

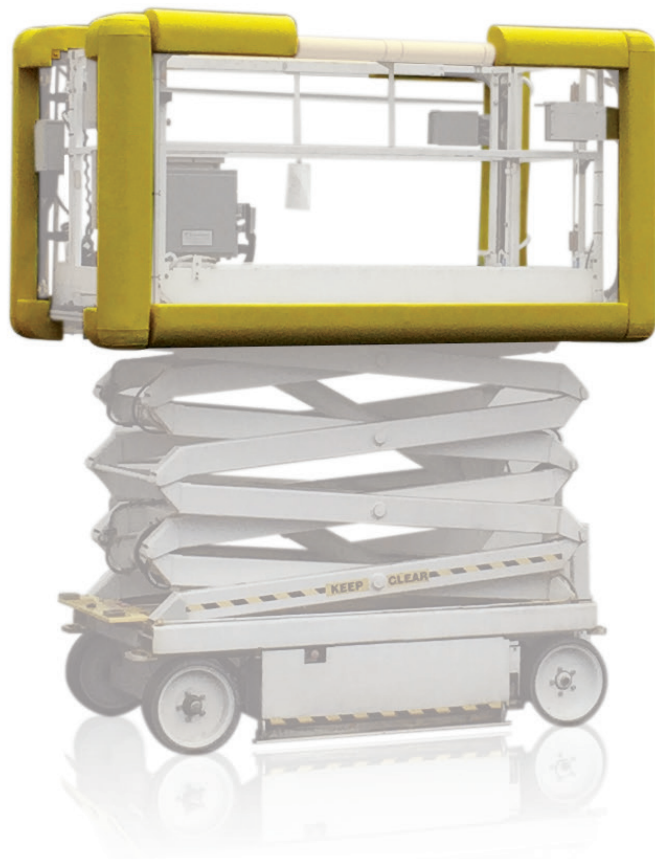
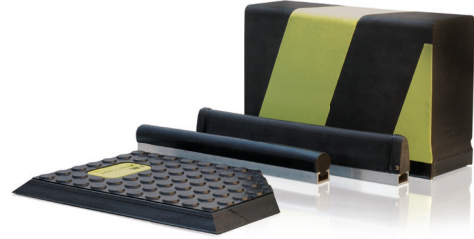


ABB anti-collision solution - airline lift industry

Delivering reliable solutions to your operations

Safety edges, bumpers and mats

- Safety edges are ideal products for automated doors and hatches, guarding against pinch points.
- Safety bumpers are used on large hangar doors as well as lifts and automated vehicles. Anti-collision and anti-crush are common applications.
- Safety mats (available in multiple sizes) sends a stop signal to the machine controls when personnel are in a dangerous area.



Pluto Safety PLC

- Pluto Safety PLC's allows for up to 10 devices per input without compromising the level of safety.
- Discrete I/O, analog safety inputs and high speed counter inputs add to Pluto's versatility.
- 7 second hot swap capabilities by utilizing the programmable ID tag makes long-term maintenance quick and easy.
- Category 4, SIL 3 safety ratings.



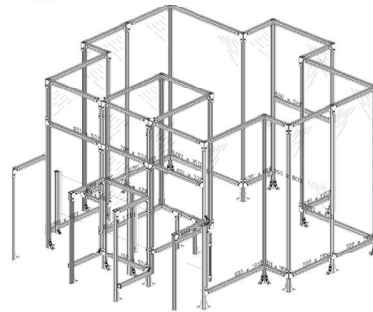
Power supplies, connection, pilot devices and contactors

- Complete range of power supplies to properly source the needed power for the anti-collision solution.
- Vast range of connection products for wire management inside the panel including, fuse holder, terminals, DIN rail, and wire way.
- IP69K pilot devices for system diagnostics and control.
- Contactors and control relays available for varying voltage switching loads.



Quick-Guard® extruded aluminum framing

- Lightweight aluminum framing with full range of bracket and mounting hardware makes mechanical system integration quick and easy.
- Modifications are done quickly in the field with minimal tools.
- Allows for easy wire/cable management through the mounting channels and through the Thomas and Betts product offering.



Contact us

ABB JOKAB SAFETY Products

8155 T&B Boulevard
Memphis, TN 38125
Phone: 1-888-282-2123
Fax: 1-800-565-9302
Web: www.abb.us/jokabsafety

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