BLAXTAIR®

The Blaxtair
PERSON/MACHINERY ANTI-COLLISION CAMERA

Increase safety and productivity

AUTOMATION & INDUSTRY

LOGISTICS & HAULAGE

DETECTION | SAFETY | PERFORMANCE

UPG

BLAXTAIR®

The Blaxtair identifies people to protect them better

A unique product, The Blaxtair is the only reversing camera capable of distinguishing between a person and another obstacle. When combined with effective organization and good practices, this reliable and efficient device, composed of a camera, calculator and LCD screen, is THE answer to the safety parameters imposed in industry and handling.

DETECTION

Using its sensor, **the Blaxtair** continuously scans the blind areas around the machine and reconstructs the environment in 3D. Whether fixed or in motion, all the obstacles are scanned to identify their type.
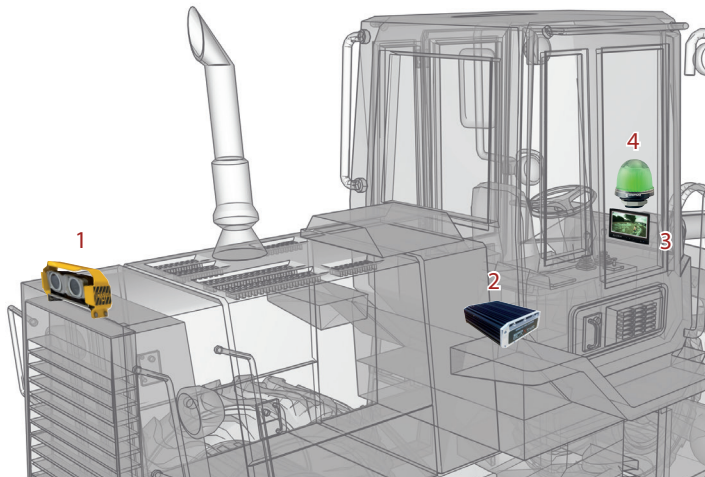
ALERT

In industry, operators sometimes work in close proximity to machinery when in their work zones. If the device identifies a person along the trajectory of the machine, **the Blaxtair** will immediately alert the driver who can then react so as to avoid an accident. Even if the person is outside the driver's field of vision, the **Blaxtair** camera will show them their location.

PERFORMANCE

The Blaxtair is the only device on the market capable of distinguishing a person from another type of obstacle. In contrast to standard detection solutions (radar and ultrasound, radiofrequency, simple camera), it performs several actions: detecting the precise location of people, providing visibility on its LCD 7" screen, sounding an alarm only when relevant without false alarms.

OPERATING PRINCIPLE

1 Blaxtair Sensor head
2 Processing unit
3 7" LCD screen
4 Sounding and lighting alarms

DETECTION ZONE

TECHNICAL SUMMARY

Technology: Video processing for Human form recognition

Field of detection: 110° – 6 m

Temperature range: -40 °C – +70 °C (Sensor Head)

Protection level: IP69K

Comply with harsh conditions: Dust, fog, mud, water, vibrations, chocs, Dazzle…

CASE STUDY

On industrial storage sites, forklift trucks often operate in close proximity to pedestrians, leading to increased risk of collision due to the narrow width of aisles. Driver maneuvers must be quick and accurate, whilst also staying alert for any nearby movement. In these sensitive areas of co-activity, the Blaxtair instantly signals the presence of any people in the path of the machine. Workers operating on foot therefore remain safe. The driver can concentrate on his task and remain pro-ductive in total confidence.

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