ESQUENET

Mobile Safety Technology & Forklift Supplies



Maximum SAFETY
Minimal Damage

ESQUENET MST
Product Brochure 2026



THE ESQUENET APPROACH

Go for ZERO

The strength of a company is often linked to figures such as turnover and growth. But the most important figure on the work floor remains zero: zero accidents and zero unnecessary risks. A safe and efficient workplace is essential for employee well-being. ESQUENET MST helps companies pursue this goal with smart safety systems for forklifts and industrial vehicles.

Extensive PORTFOLIO

Pedestrian detection, smart cameras, weighing systems, access control, fleet management or automatic speed control: ESQUENET MST offers a wide range of modern and reliable safety systems. As an independent importer, we provide tailored solutions using systems from renowned brands, tested for quality, ease of use and effectiveness.

Damage PREVENTION

Every collision costs time and money and reduces efficiency. That is why damage prevention starts with reducing risks before incidents occur. With smart camera, detection and warning systems, ESQUENET MST helps reduce damage to vehicles, loads, buildings and warehouse infrastructure. This reduces costs while increasing safety.

HIGH IMPACT

Small changes can sometimes make a big difference. By investing in safety, you reduce operational costs and achieve rapid, significant improvements in workplace performance. Operating vehicles optimally in a safer environment maximises both operational and financial returns. Safety is therefore not a cost, but an investment that pays off.

OUR Portfolio

WHAT WE OFFER

From active prevention to smart support for industrial vehicles.

ESQUENET MST offers a broad portfolio of solutions for a safer, more efficient and better-controlled working environment.

Our portfolio ranges from access control and automatic speed control to detection, warning and camera systems, complemented by practical solutions for roads, equipment and forklift protection.

01
ACTIVE SAFETY SYSTEMS

1. Access Control & Fleet Management
2. Automatic Speed Control
3. Person & Object Detection

02
PASSIVE SAFETY SYSTEMS

1. Safe Handling & Fork Positioning
2. Warning Systems
3. Blind Spot & Intersection Protection
4. Camera & Visibility Systems
5. GOBO Projectors

03
ADDITIONAL INDUSTRIAL SOLUTIONS

1. Forklift Weighing Systems
2. Forklift Parts & Cabins

Applications by Machine Type and Installation Context

The icons displayed alongside each product indicate which types of machinery the solution is suitable for. Multiple icons indicate that the product can be used on different types of machinery.

No icon: The solution is not specific to a particular machine type or does not require installation on the vehicle.



Forklift



Container Reach Stacker



Electric Pallet Truck



Electric Pallet Stacker



Wheel Loader



Excavator



Dumper



Telehandler



Overhead Crane



Zone-Based System

01

ACTIVE SAFETY SYSTEMS

Prevent

Detect

Control

Access Control & Fleet Management
Automatic Speed Control
Person & Object Detection

ESQUENET

ACTIVE SAFETY SYSTEMS

Access Control & Fleet Management

SCAN OR CLICK TO VIEW ONLINE

Better measurement means better insight, including on the work floor. With these systems, you gain full control over the use, safety and performance of industrial vehicles. In addition, you can easily determine who is authorised to drive which vehicle. This increases safety, efficiency and accountability while reducing damage, costs and unauthorised use.



TruckLOG TK5

A comprehensive professional access and fleet management system. You analyse driver behaviour, complete a pre-operational checklist and determine who is authorised to drive and who is not.

- **Access via RFID badge**
- **3-axis shock detection**
- **Prevents unauthorised use**
- **Pre-operational checklist**
- **Centralised cloud-based management**



Optafleet

An advanced, brand-independent fleet management system with four modular components, allowing it to be adapted to different fleets and operating requirements.

- **Access control (RFID)**
- **Digital safety check (pre-operational checklist)**
- **Impact detection**
- **Geolocation & tracking**

Access Control & Fleet Management

ESQOaccess Fingerprint/Face

NEW



With ESQOaccess Fingerprint/Face, only authorised personnel gain access to your machine. No more lost keys or shared cards thanks to personal biometric access control.

- **Up to 120 fingerprints / 1,000 faces**
- **Pre-operational checklist**
- **Mobile cloud connectivity (data retrieval)**
- **No monthly or annual fees**

TruckLOG Easy Access



Add an extra layer of security to any vehicle with TruckLOG Easy Access. Determine exactly who is allowed to drive by granting access only to authorised, licensed drivers.

- **Unique RFID dongle**
- **No software required**
- **Quick and easy installation**

1 Badge & PIN reader

ESQO Digicode



RFID Badge & PIN Access Control
The ESQO Digicode is a robust and versatile RFID badge and PIN code reader. Its zinc-alloy housing is designed for intensive use, while its IP66 rating provides protection against dust and water.

- **Card, PIN code or card + PIN code**
- **Up to 1,000 users**
- **Suitable for indoor and outdoor applications**

2 PIN Code

KeyAless



Electronic Ignition
KeyAless is a keyless vehicle access control system. A personal PIN code eliminates the need for keys and helps prevent unauthorised use.

- **Easy management**
- **Up to 100 user codes**
- **Robust polycarbonate housing**

ACTIVE SAFETY SYSTEMS

Automatic Speed Control

Automatic speed control helps make your workplace safer by reducing the risk of accidents and limiting their severity if they occur. An efficient solution for a wide range of operating environments.

SCAN OR CLICK TO VIEW ONLINE

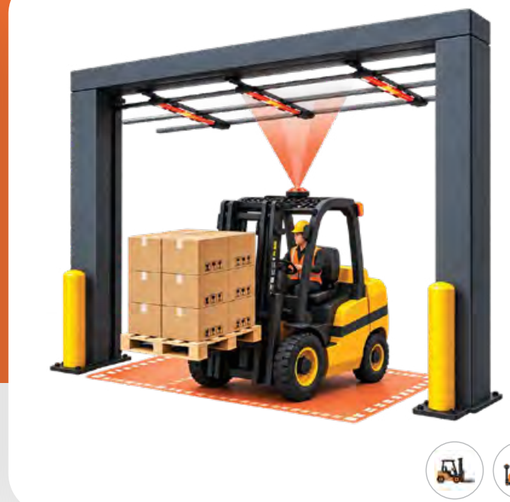


ESQOspeed Radar

Ceiling Detection Radar SpeedZoner

ESQOspeed Radar SpeedZoner automatically reduces forklift speed as the vehicles enter buildings. The radar detects the ceiling or overhead structure up to a programmable height of 24 metres. Thanks to precise radar detection, the system increases safety without requiring any modifications to the infrastructure.

- **Speed control indoors/outdoors**
- **Vehicle-mounted installation only**
- **Cost-effective system**



LSA

Low Speed Area SpeedZoner

Claitec LSA SpeedZoner automatically adjusts the forklift's speed as it enters or leaves a specific zone or hall. The system sends a coded infrared signal to the strips mounted on the ceiling.

- **Speed control at entrances and passages**
- **IR-controlled**
- **No impact on productivity**

Automatic Speed Control

KIGIS iPAS Speedzoner



Automatic Speed Control in Strategic Zones

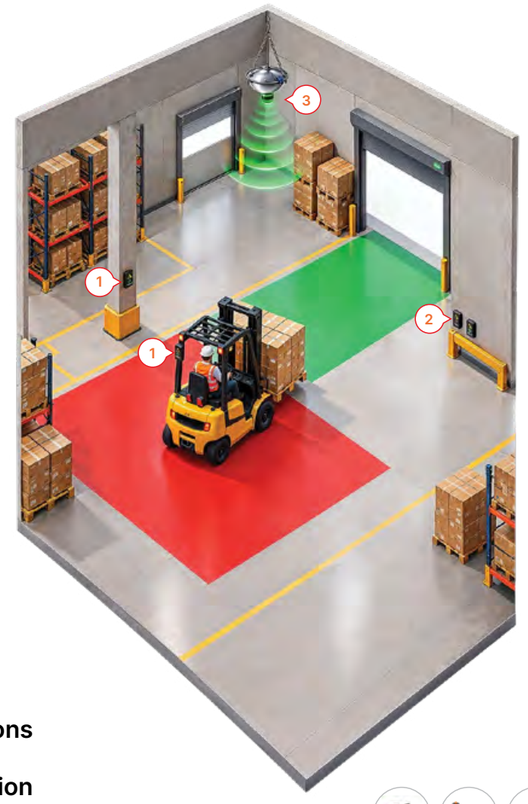
Install beacons to limit vehicle speed at hazardous locations in the workplace, such as pedestrian crossings and high-traffic areas.

- **Automatic “zone-in-the-zone” speed control**
- **RF zoning (UWB) with Flashlight/Crossway Zone Tag Anchors**
- **Expandable with KIGIS iPAS Pedestrian Detection**

1. Indicator+ (IND+)
2. Vehicle Tag (VT)
3. Pedestrian Tag (PT)
4. Flashlight Zone Tag (FZT)
5. Standard Zone Tag (ZT)

IOSpot

1. IOSpot UNO (Spot & Vehicle)
2. IOSpot DUO (Gate)
3. IOSpot TraffIQ



Automatic Speed Control in Zones

IOSpot is specifically designed for demanding intralogistics applications. By combining Ultra-Wideband (UWB) technology with Bluetooth® Low Energy, the sensor enables highly accurate, interference-resistant detection of hazardous zones in real time.

- **One unit for vehicle, gate and zone applications**
- **UWB zoning**
- **Flexible configuration per zone, hall or situation**

ACTIVE SAFETY SYSTEMS

Person & Object Detection

Prevention starts with identifying risks early. Our systems use smart pedestrian and object detection, camera technology and clear visual or audible warnings to prevent collisions and incidents.
Each solution is tailored to the working environment, the vehicle and the application, ensuring increased safety without disrupting the daily workflow.

SCAN OR CLICK TO VIEW ONLINE

1 AI CAMERA



ESQOview+

The ESQOview+ AI camera with pedestrian detection uses the latest AI technology to increase driver awareness of pedestrians in the immediate vicinity of industrial vehicles. Thanks to intelligent object recognition, it distinguishes between objects and pedestrians.

- **Audible and visual warnings**
- **Up to 4 cameras for full 360° detection**
- **Configurable detection zones**
- **Full HD 1080p camera with a 150° field of view**
- **7-inch or 10-inch Full HD monitor**

2 UWB



KIGIS iPAS 1.0

KIGIS iPAS 1.0 increases workplace safety with Ultra-Wideband (UWB) technology. The system detects both people and vehicles and alerts users to their presence. With integrated zone tags, the alarm signal is activated when a pedestrian or vehicle enters the zone. The detection zones can be configured according to the situation and the vehicle.

- **Detection of people and vehicles**
- **Detection range: up to 30 metres**
- **Audible, visual and vibration alerts**
- **Modular system with a zone tag**

Person & Object Detection

2 UWB

KIGIS iPAS SE





KIGIS iPAS SE is an advanced proximity and collision prevention system that uses Ultra-Wideband (UWB) technology to measure distances and determine relative positions and directions between vehicles, pedestrians and infrastructure with a high degree of accuracy. It helps prevent collisions between vehicles and pedestrians, as well as between vehicles.

- **Detection of people and vehicles**
- **Audible, visual and vibration alerts**
- **LED indicator showing direction and distance**
- **Extended mode (E-mode): dynamic safety zones**



3 ULTRASONIC

SIS CYSENS





Ultrasonic Reversing Detection System

SIS Cysens is an ultrasonic anti-collision system. The system provides clear visual and/or audible warnings to the driver via an in-cab display unit.



- **3 programmable detection zones**
- **Detection of people and objects when reversing**
- **Braking upon detection is possible**



Person & Object Detection

4 SENSOR

SEEN SAFETY





Pedestrian & Object Detection Using Reflective Tape

SEEN Safety IRIS 860 detects reflective tape on high-visibility safety clothing, objects or buildings.

- **Reflective tape detection**
- **Detection range: up to 8 m**
- **Audible alarm**
- **Optional IRIS-i-Camera**



5 RADAR

BACKSENSE RADAR

Reverse Obstacle Detection

Backsense radar sensor systems detect people and objects in the blind spot behind a vehicle. They detect both stationary and moving objects and provide the driver with visual and audible warnings to help prevent accidents.

- **Detection range: up to 30 m**
- **Five-stage visual and audible warnings**
- **Robust design for industrial applications**

02

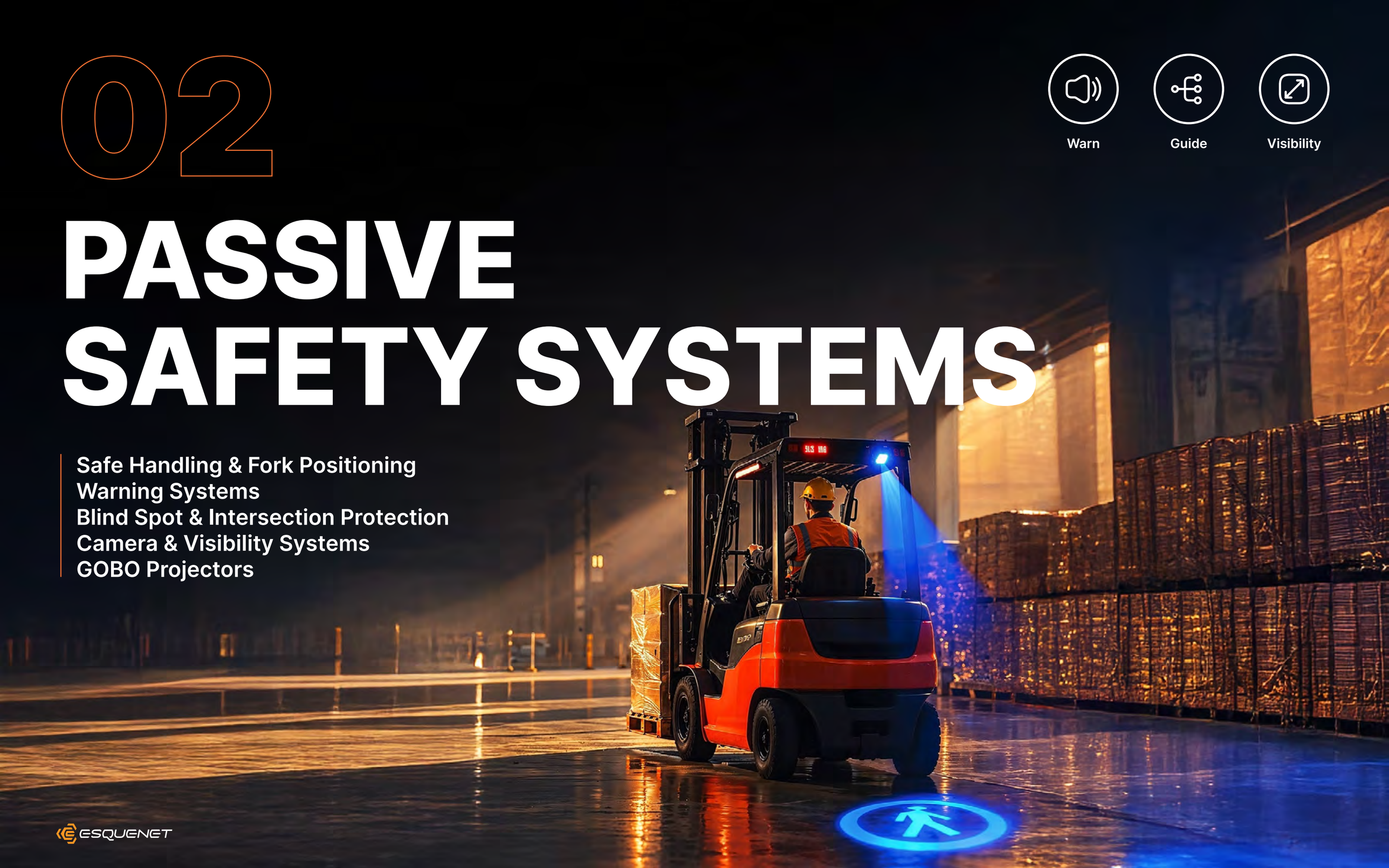
PASSIVE SAFETY SYSTEMS

Warn

Guide

Visibility

- Safe Handling & Fork Positioning
- Warning Systems
- Blind Spot & Intersection Protection
- Camera & Visibility Systems
- GOBO Projectors



ESQUENET

PASSIVE SAFETY SYSTEMS

Safe Handling & Fork Positioning

SCAN OR CLICK TO VIEW ONLINE

Knowing the exact position of your forks in relation to a pallet or other load can be challenging. From the cabin, you often have limited visibility, and judging depth visually is also difficult. The right safety solution helps you judge the position of your forks more accurately. These systems provide a visual indication of the fork position in relation to the pallet, racks and beams. This helps prevent damage to your infrastructure and reduces associated costs.



FlatFork

Digital Fork Level Indicator

FlatFork provides real-time LED feedback to help operators level the forks.

- **Easy installation**
- **Can be mounted on either the left or right side of the mast**
- **Available as a mast indicator (tilting mast) or wireless Dual Unit RF version (rigid mast with tilting fork carriage)**



Tine-Guide

Fork Carriage Laser

A laser line, dot or both projected onto the pallet helps operators judge the correct fork height when working with racking.

- **Projection of a laser dot or laser line, or both**
- **Battery-powered**
- **Green/red**
- **Vibration-controlled**

Warning Systems

SCAN OR CLICK TO VIEW ONLINE

For pedestrians and vehicles

An audible signal or warning light that alerts pedestrians to an approaching vehicle and vice versa. Clear warnings help prevent dangerous situations and potential incidents. These systems are an essential addition to your fleet, helping improve workplace safety.



Blue/Red Spot

Warning Light

A clearly visible blue or red spot is projected several metres in front of or behind the forklift. It gives pedestrians and other vehicle drivers an early warning and helps prevent collisions.

- **Easy installation on a forklift**
- **IP69**



Blue/Red Line

Keep-Out Zone Safety Light

An exceptionally bright, wide blue or red line is projected to the left, to the right and/or behind the forklift. This lets pedestrians know that they need to keep their distance.

- **Clear warning signal**
- **IP69**

Warning Systems

Blue/Red Arc



Arc-Shaped Warning Light

A bright blue or red arc marks a clear safety zone behind the forklift. This keeps pedestrians and other vehicles at a safe distance, resulting in fewer accidents, greater efficiency and increased safety in the warehouse.

- **Clearly defined arc line**
- **IP67**

Blue Arrow



Arrow-Shaped Warning Light

A bright blue arrow is projected in front of or behind the forklift, clearly indicating its direction of travel to pedestrians.

- **Dynamic or static warning**
- **Driving direction signal**

Digital Thumbs Up



The Digital Thumbs Up is a powerful LED warning system that significantly improves communication between vehicle drivers and pedestrians in the workplace. Thanks to clear visual signals, pedestrians can immediately see whether it is safe to approach a vehicle.

- **Compatible with pedestrian detection cameras**
- **Switch option**
- **Increases safety around the vehicle**

Warning Systems

ESQOlight Forklift Gobo Projector



LED Projection Behind the Forklift

The ESQOlight Forklift Gobo Projector projects a pictogram behind the forklift to warn pedestrians in time when a forklift is approaching.

- **30 W LED**
- **Projection distance: 1–10 m**
- **Yellow or red projection**

Brigade bbs-tek



White Sound Reversing Alarm

Brigade bbs-tek is a reverse alarm with broadband sound, making the vehicle easier to locate. Thanks to its unique frequency, the bbs-tek provides a clear audible warning when reversing, while reducing noise disturbance in the surrounding area.

- **Broadband alarm (white noise frequencies)**
- **Multi-frequency alarm, only audible within the danger zone**
- **82–97 dB**
- **Self-adjusting models**

Nordic Lights



Heavy-Duty Work Lights

Nordic Lights LED work lights provide bright, reliable illumination in dark environments and are designed to withstand vibration, dust and moisture. This ensures optimal visibility and enhanced workplace safety. Thanks to their high luminous output (lumens), appropriate colour temperature (Kelvin), long service life and low energy consumption, they are the ideal choice for a wide range of industrial applications.

- **Robust design**
- **Various models**
- **Weather-resistant**
- **Agriculture / Industry / Construction / Earthmoving**

Warning Systems

Collision Sentry Corner Pro and Multizone



Blind Spot Detection System

Collision Sentry detects approaching traffic in areas with limited visibility or blind spots, such as intersections, aisles and warehouse corners. By signalling movement in good time, the system increases safety in environments where forklifts, pallet trucks and pedestrians cross paths.

- **Alarm only when movement is detected on both sides**
- **Visual and audible warning**
- **Magnetic mounting**

Crossing Guard



Intersection Safety

The Crossing Guard system is used to prevent collisions and workplace accidents at intersections in warehouses and industrial spaces. Intersections are one of the most critical areas within logistics facilities and industrial environments.

- **Warns both drivers and pedestrians**
- **Fully automatic**
- **Clear visual warning**

Crane Safety Light



LED Safety Light

Safety Cast Systems are the ideal solution for adding clear visual warnings to overhead cranes in areas where conventional wall and floor markings can easily be missed or obstructed.

- **No wear and tear**
- **Easy installation and positioning**
- **Red or blue**

Camera Systems

SCAN OR CLICK TO VIEW ONLINE

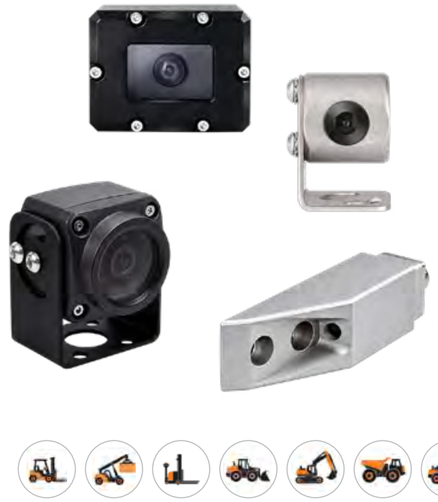
Blind spots, door pillars and other obstacles often limit visibility from the vehicle. Drivers often have a limited view of their surroundings. Advanced camera systems provide a clear, reliable view of the surroundings. Options range from a reversing camera to a complete 360° system covering the area around the machine.



Ark Vision

The Ark Vision camera systems provide clear, reliable Full HD images around industrial vehicles such as forklifts, wheel loaders and mobile machinery. From conventional camera setups to advanced 270°/360° bird's-eye view systems, Ark Vision enhances safety, helps prevent blind spots and supports efficient and ergonomic operation in demanding environments.

- **Modular and scalable camera system**
- **Durable components for a long service life**
- **Cameras, monitors and accessories**
- **Wired and wireless options**



MOTEC-Ametek

The MOTEC heavy-duty camera systems offer maximum reliability and image quality for industrial vehicles in demanding environments. With more than 20 years of experience, MOTEC develops camera systems perfectly tailored to specific applications and visibility challenges.

- **High-end German quality**
- **Customised solutions**
- **Reliability and durability**
- **Digital / analogue / reversing / fork camera**

GOBO Projectors

GOBO projectors display clear safety pictograms that are easy to recognise in all lighting conditions. Pictograms and floor markings increase safety in the workplace. This ensures that important safety messages remain visible at all times, even in busy industrial environments where stickers or conventional signage can quickly wear out or become dirty.



- **Adaptable to different safety requirements**
- **Projection onto floors or walls**
- **Maintenance-free / no wear and tear**
- **IP65: suitable for dusty environments and outdoor use**
- **Can be combined with KIGIS and IOSpot**





03

Equip Adapt Improve

ADDITIONAL INDUSTRIAL SOLUTIONS

Forklift Weighing Systems
Forklift Parts & Cabins



ESQUENET

Forklift Weighing Systems

SCAN OR CLICK TO VIEW ONLINE

Weighing Solutions - Measuring is Knowing! ESQUENET MST offers a wide range of weighing solutions for accurate and safe operations with forklifts, stackers and pallet trucks. Correct loading maximises the efficiency of your vehicles. Overloading leads to damage and unnecessary costs, while underloading results in wasted time, inefficiency and additional trips.

1 HYDRAULIC



1 HYDRAULIC



1 HYDRAULIC



LoadMatic

Combined Weighing System & Overload Protection

A hydraulic pressure sensor is installed in the forklift's hydraulic circuit via a T-connection. The indicator in the cabin immediately converts this measurement into a clear reading of the weight on the forks.

- **Accuracy of 1% of the forklift's lifting capacity**
- **Fast mobile weighing without additional steps**
- **Immediate overload warning**

WeighMatic

Accurate Hydraulic Weighing System

WeighMatic is a high-quality hydraulic weighing system that determines the load weight by measuring the pressure in the forklift's hydraulic lifting system. Weighing is carried out in a controlled measurement cycle that takes less than 5 seconds.

- **Accuracy of 0.2% of the forklift's lifting capacity**
- **Fast weighing during the lifting process**
- **No additional stops at a weighbridge**

T1 Weighing Systems

Hydraulic Weighing System for Earthmoving Equipment

T1 LOADER/DIGGER combines real-time onboard weighing and productivity management in one intelligent system. Using Bluetooth, CAN bus or cloud connectivity, you can easily access weights, job information and production data via a smartphone, tablet or onboard computer.

- **Android tablet app**
- **Real-time weighing**
- **Production data management**
- **Bluetooth and cloud connectivity**

Forklift Weighing Systems

2 WEIGHING FORKS

ForkMatic



Weighing Forks for Forklifts

ForkMatic is a wireless weighing system fully integrated into the forklift forks. The system provides immediate and accurate weighing results as soon as the load is picked up.

- **Accuracy of 0.1% of the weighed load**
- **Weighing capacities: 2,500 kg, 3,500 kg and 5,000 kg**
- **On-screen tilt indication**

3 WEIGHING SLEEVES

Slide&Weigh



Flexible On-Demand Forklift Weighing System

Slide&Weigh is an on-demand weighing system for forklifts consisting of two main components: a pair of fork sleeves that slide over the existing forklift forks, and a separate weighing indicator mounted in the driver's cab.

- **Slide in – Weigh – Record – Slide out**
- **Weigh only when needed**
- **Installed in less than 60 seconds**
- **Use at multiple locations**

ADDITIONAL INDUSTRIAL SOLUTIONS

Complete Forklift Cabins or Cabin Components

SCAN OR CLICK TO VIEW ONLINE

Looking for a complete forklift cab or specific cab components? Need accessories from a recognised brand or a custom-made solution? As a trusted distributor across the Benelux region, ESQUENET MST offers fast delivery and competitive prices. Our extensive range covers all forklift brands and models, making us your one-stop shop for forklift cabins and components.



- Complete steel forklift cabins
- Complete PVC forklift cabins
- Half cabins for weather protection
- IWS Pilot Protector safety doors
- Individual components such as windscreens, rear windows, roof windows, and steel or PVC doors
- Optional features such as heating and bonnet insulation
- Custom-made cabins, including drive-in, cold-storage, raised or lowered cabins, and more
- Available for all forklift brands and types

ESQUENET

Mobile Safety Technology & Forklift Supplies

ESQUENET MST BV
Vlamingveld 41D
8490 Jabbeke
Belgium

T +32 59 27 69 95
E info@esquenet.be
W esquenet.be

SCAN OR CLICK TO DISCOVER ALL OUR SOLUTIONS