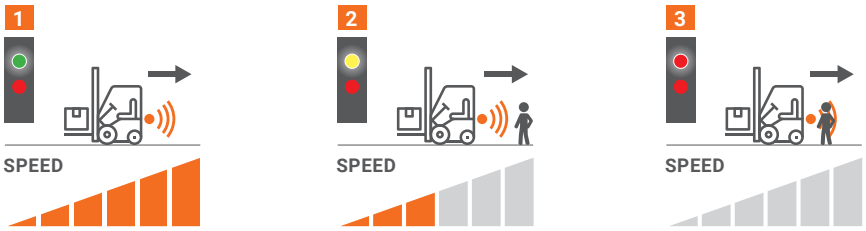
FORKLIFT SAFETY SOLUTIONS

COMPLETE SYSTEM

Safe&Stop+

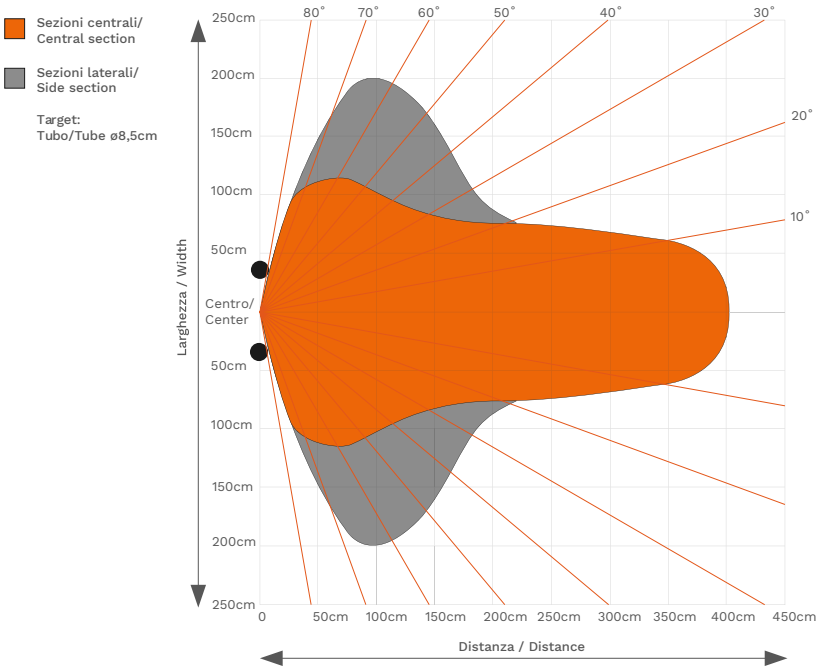
ACTIVE SYSTEMS



Safe&Stop+, suiting to vehicles wider than 1,5m, immediately alert the operator through visual and acoustic alerts. Detection is based on a pair of CySens sensors installed in the rear part of the vehicle. In addition the system can intervene on the speed of the vehicle (*) in two steps strongly reducing the risk of collision and accident.

(*) to be confirmed according to the vehicle features

- ✓ **TWO ULTRASONIC SENSORS**
- ✓ **DETECTION DISTANCE UP TO 4 M**
  DETECTION WIDTH UP TO 4 M (SIDE RECEIVERS CAN'T BE DE-ACTIVATED)
- ✓ **MINIMIND ADVANCED DISPLAY**
- ✓ **COMPACTNESS FOR MAXIMUM INTEGRATION**
- ✓ **WIDE RANGE OF CUSTOMIZABLE PARAMETERS**



System architecture is based on the display as main element. Once connected to the vehicle it provides power supply to the sensors and the interfacing with the vehicle.

KIT CONTENTS

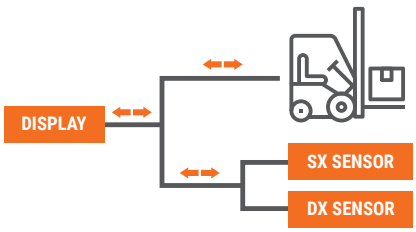
Display kit inclusive of:

- MiniMind advanced display and related brackets;
- connectors/contacts/seals kit;

Sensor kit inclusive of:

- CySens ultrasonic sensor pair;
- connecting cables;
- brackets, bolts, washers kit;
- connectors/contacts/seals kit.

User manual and CE Conformity Declaration



GENERAL FEATURES	
Number of sensors	2
Operating voltage	10-36VDC
Activation trigger voltage	10-36VDC
Operating current	500mA max
Output	1x relay out COM/NC/NO for A1 status (yellow alarm and optional sensor)
	1x relay out COM/NC/NO for A2 status (red alarm)
Applied norms/directives	2006/42/CE - 2014/30/CE - UNI EN ISO 12100
Official normative definition	safety component

SENSOR TECHNICAL FEATURES	
Technology	ultrasound
Operating Frequency	40kHz
Number of transmitters	1
Number of receivers	3
Response time	100ms
Dimensions	130mm x 80mm x 80mm
IP Grade	IP62 min
Temperature range	-30°C / +80°C (electronic parts)

DISPLAY TECHNICAL FEATURES	
Visual feedback type	RGB LEDs (adjustable brightness)
Acoustic feedback type	Piezoelectric buzzer
Sound pressure level	85dB max (adjustable)
IP Grade	IP50
Temperature range	-30°C / +80°C (electronic parts)

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