



Protective GoUpSafely Sensor Guide

This document is to provide guidance on the number of sensors required to provide safe operation. This information is generic in nature and may vary by machine manufacturer and model. If you need information on machinery not represented in this document or specific makes and models, please contact Protective on support@protective.net.au.

Excavator

Typical excavators will require 4 sensors:

- Two located near the end of the boom
- Two either side at the apex of the knuckle



This placement is indicative of our standard fitment for excavators and in Protective's experience will be applicable to most makes/models. For specific make and model, please contact Protective for sensor recommendations



Truck Mounted Cranes

The number of sensors required for cranes can vary by boom length. The below configuration is based on our experience to date and should be confirmed once make and model number are known.

Typical truck mounted cranes will require 4 sensors:

- Two located at the end of the boom and
- Two located at the end of the first section or at appx 8m from ground level

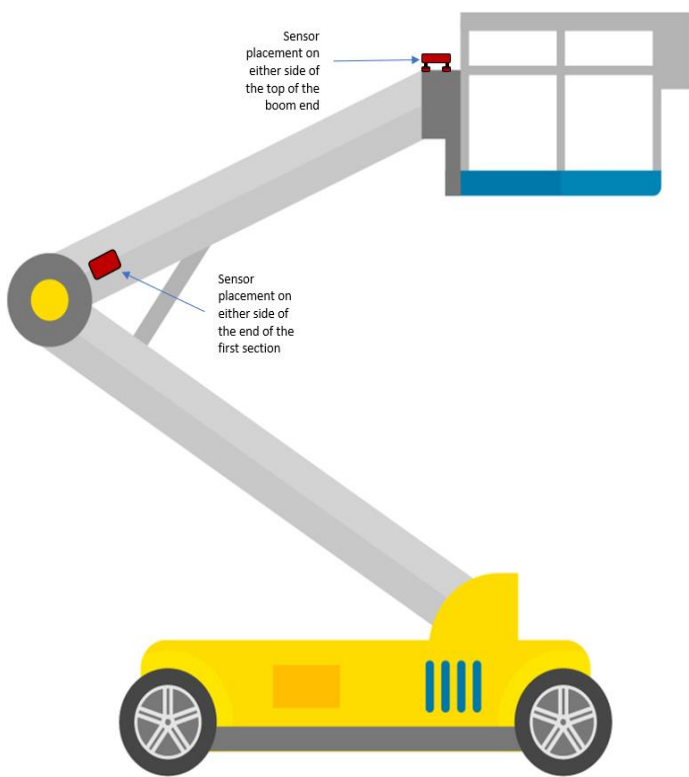


This placement is indicative of our standard fitment for truck mounted cranes and in Protective's experience will be applicable to most makes/models. For specific make and model, please contact Protective for sensor recommendations

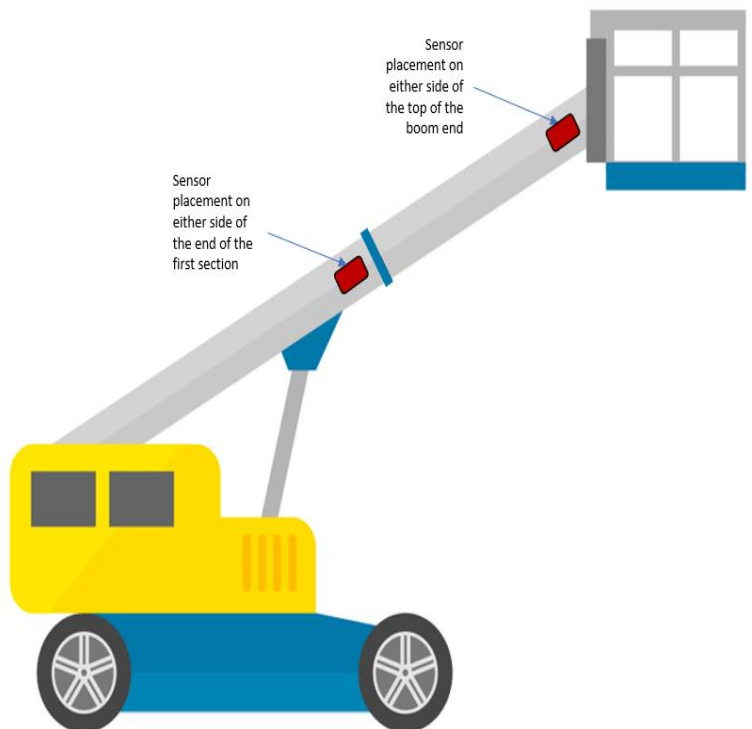


EWP Boom Lifts

EWP boom lifts come in multiple configurations. The following diagrams show two configurations that represent many of the boom lifts available on the market. Whether truck mounted or crawler, the following will typically apply. For booms with a flat mounting area near the end of the boom, 3 sensors can be used. If no flat mounting surface at the end of the boom is available, 4 sensors are recommended.



Boom lift with flat area will need
3 sensors



Boom lifts with no flat area will need
4 sensors

This placement is indicative of our standard fitment for EWP boom lifts and in Protective's experience will be applicable to most makes/models. For specific make and model, please contact Protective for sensor recommendations.

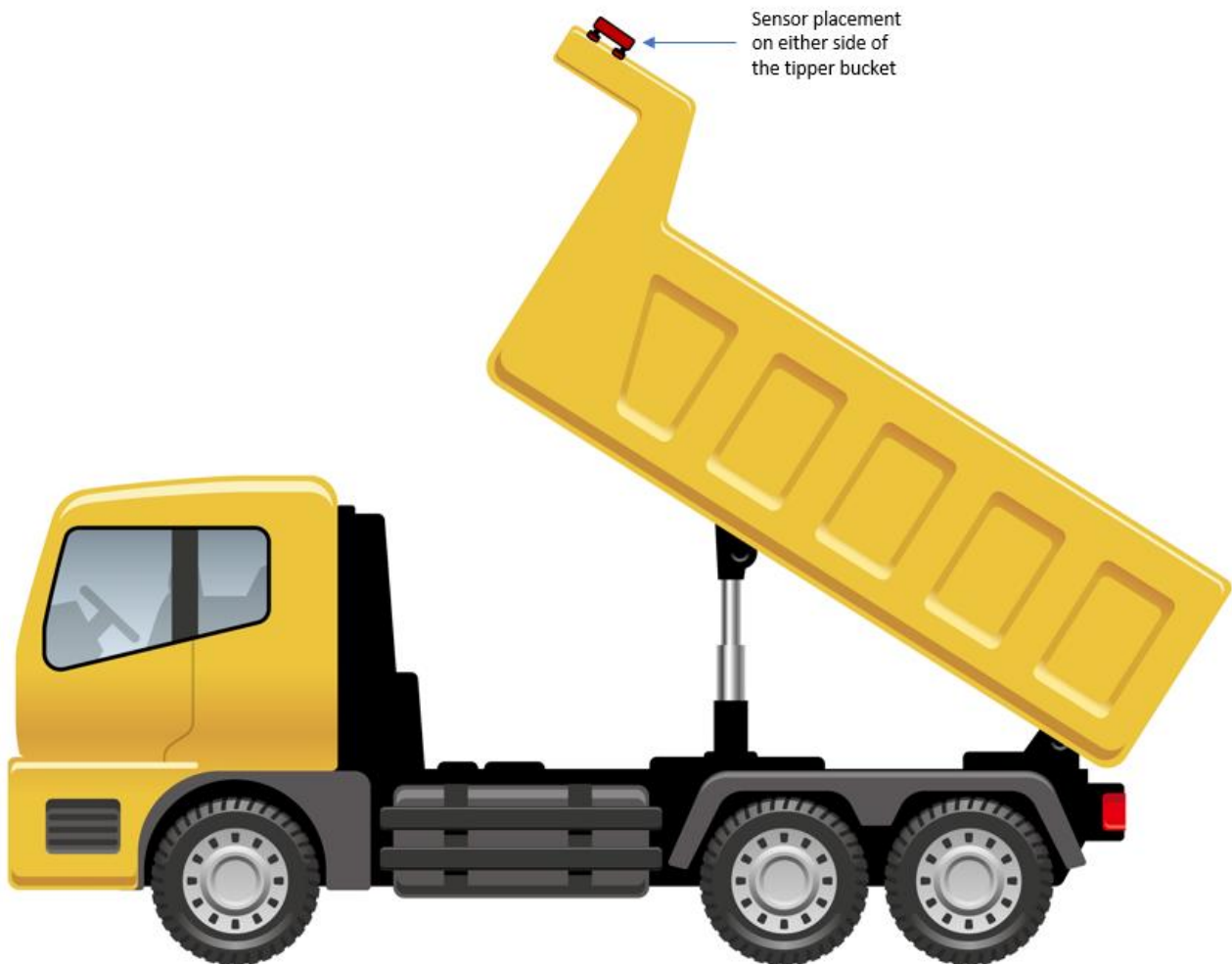
NOTE: For MEWP's, Booms & Scissor Lifts, Protective highly recommends our secondary guarding system, MEWP Shield. For more information go to www.protective.net.au/MEWP-Shield



Tipper Trucks

Tipper trucks will typically require 2 sensors.

- Protective recommends one sensor placed on either side of the tipper bucket for coverage.



This placement is indicative of our standard fitment for tipper trucks and in Protective's experience will be applicable to most makes/models. For specific make and model, please contact Protective for sensor recommendations

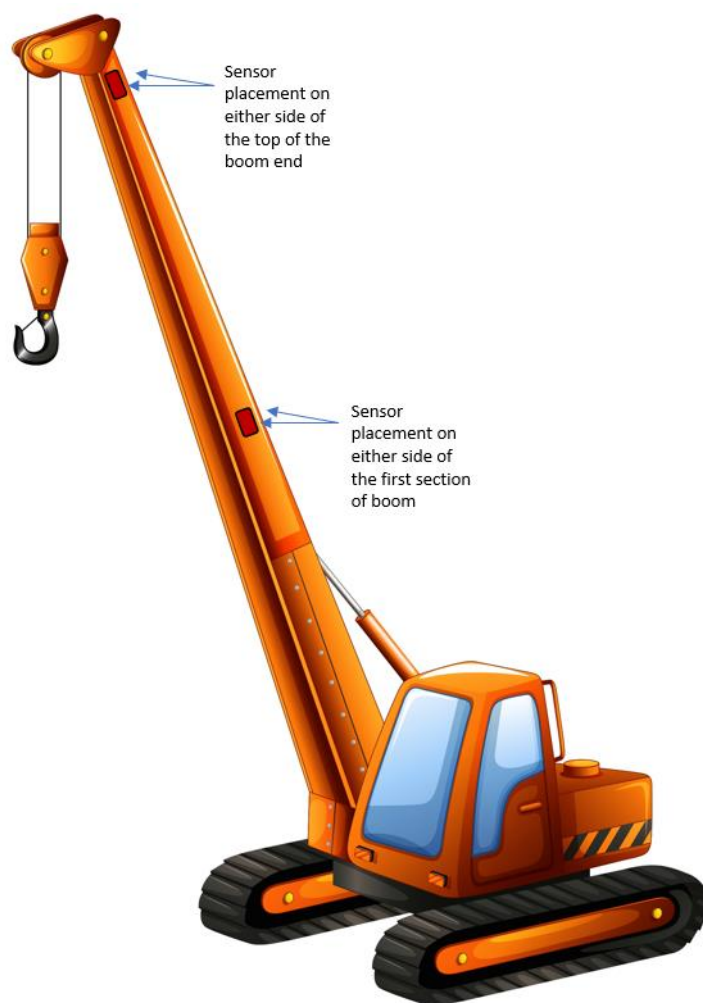


Crawler Cranes

The number of sensors required for cranes can vary by boom length. The below configuration is based on our experience to date and should be confirmed once make and model number are known.

Typical crawler cranes will require 4 sensors:

- Two located at the end of the boom and
- Two located at the end of the first section or at appx 8m from ground level



This placement is indicative of our standard fitment for crawler cranes and in Protective's experience will be applicable to most makes/models. For specific make and model, please contact Protective for sensor recommendations.

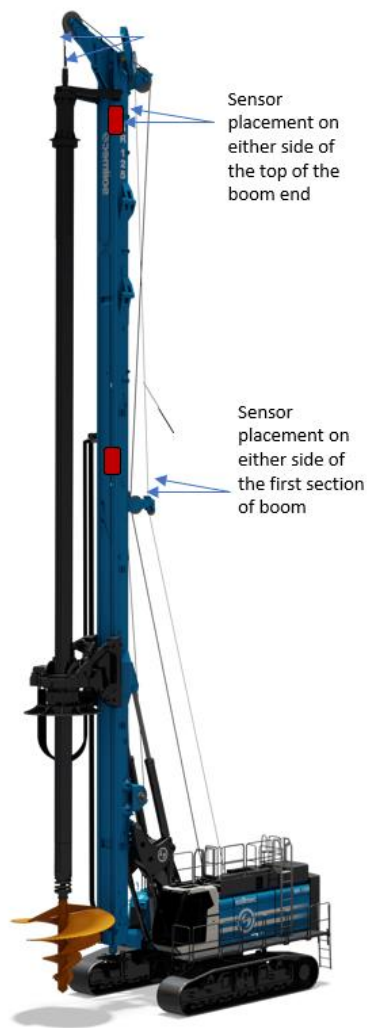


Piling Drill Rigs

The number of sensors required for cranes can vary by boom length. The below configuration is based on our experience to date and should be confirmed once make and model number are known

Piling drill rigs will typically require 4 sensors:

- Two located at the end of the boom and
- Two located at the end of the first section or at appx 8m from ground height



This placement is indicative of our standard fitment for piling drill rigs and in Protective's experience will be applicable to most makes/models. For specific make and model, please contact Protective for sensor recommendations.



GoUpSafely Options

GoUpSafely has options available based on the requirements of your work environment. In many cases external audio and visual alert devices are needed to assist operators and spotters in keeping aware of potential HV hazards.

Protective offer sirens and light poles / beacons to cover these potential requirements. When ordering GoUpSafely, Protective will make suggestions on additional equipment based on your needs.



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