



# FIXED OVERHEAD SYSTEM

## Custom Engineered Systems for Overhead Fall Protection

Bus / Railcar / Truck / More..

### PRODUCT LITERATURE

Fixed Overhead systems provide fall protection that is safe and saves floor space. Custom engineered horizontal lifelines provide continuous fall arrest coverage for assembly and maintenance applications.

Our OSHA and ANSI compliant fixed overhead fall protection systems are designed to support productivity and safety.



### Fall Protection Challenge

Installing a floor mounted fall protection system that will infringe on shop space is not always practical. On the other hand protecting employees working at heights is not just the law it is also the right thing to do.



### Fall Protection Solution

CAI Safety Systems will provide a custom overhead fall arrest systems that gives you the safety coverage you need with no impact on your floor space. Our overhead horizontal lifeline systems are OSHA and ANSI complaint and field tested.

# Features & Benefits



## CUSTOM DESIGN

Our engineering team will design a system that utilizes your building structure to anchor the fall protection system. All drawings and design calculations will be stamped by a Professional Engineer and Qualified person as required by OSHA.



## SAVE FLOOR SPACE

One of the major benefits of a fixed overhead fall protection system is preserving floor space. A floor mount system introduces challenges such as obstructions hazards that can cause injury or reduce productivity.



## EASE TO INSTALL

Our Overhead Building Mounted Systems are shipped fabricated. Field assembly consists of simple bolting and clamping to the existing building structure. A quick install reduces the downtime to your production area.



## RIGID RAIL & CABLE SYSTEMS

CAI offers both cable and rigid rail horizontal lifelines for your overhead system options. We assess your application and provide you with the pros and cons for each type of fall arrest system.



## OSHA & ANSI COMPLAINT

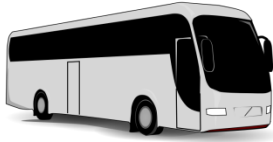
Our fixed overhead fall arrest systems will meet OSHA regulations and ANSI standards. What this means is the system is engineered by a qualified person, the components are compatible, and we provide training and inspection services.



## FLEXIBILITY

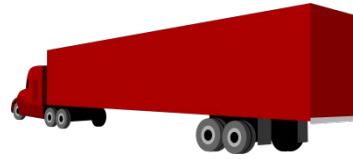
CAI can offer you both cable and rigid rail horizontal lifelines for your fall protection needs. We can assess your application and provide you with the pros and cons for each type of system.

# Applications



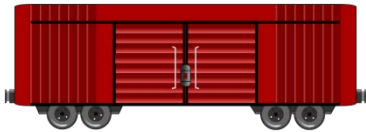
## BUSES

For indoor bus bays that require employees to work on engines or other or other equipment located at roof level a hazard is created.



## TRUCKS

To secure tarps on top flatbed trailers, or sample product from tankers or perform maintenance work on waste trucks we have used the Fixed Overhead System to resolve fall arrest needs.



## RAILCARS

Hoper cars that require continuous fall protection coverage over several cars or coverage to access the hatch for a tanker car.



## EARTH MOVERS

A custom fixed overhead system to access specific areas of the shop floor where employees need to work at heights to complete the production process.



## ASSEMBLY

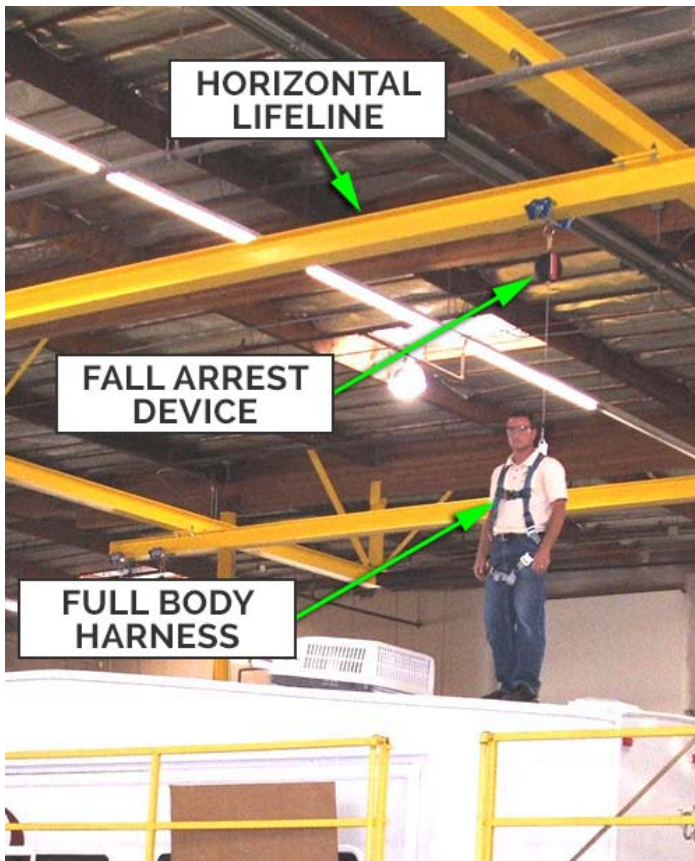
CAI's fixed overhead systems are MSHA Compliant and ideal for safely accessing the top of large earth moving equipment.



## MANY MORE...

Contact us to find out if the Fixed Overhead System is right for your application.

# Description and Use



**Fall Arrest Horizontal Lifeline:** The rigid track or cable Horizontal Lifeline provides an overhead means of tie-off to reduce the chances of a swing fall and fall distance. This lifeline runs the desired length to allow the user to have access to the work area.

**Retrieval System:** Safety starts at the ground level. Our pulley retrieval system allows the user to access the fall arrest system before even attempting to climb the vehicle or equipment that is going to be worked on.

**Connecting Means:** A trolley that is designed to glide over the rigid or cable horizontal lifeline system. This feature keeps the fall arrest system directly above the user to reduce the chances of a swing fall.

**Fall Arrest Device:** The self-retracting lifeline is utilized to reduce the arresting forces of the fall on the user and minimize the fall distance.

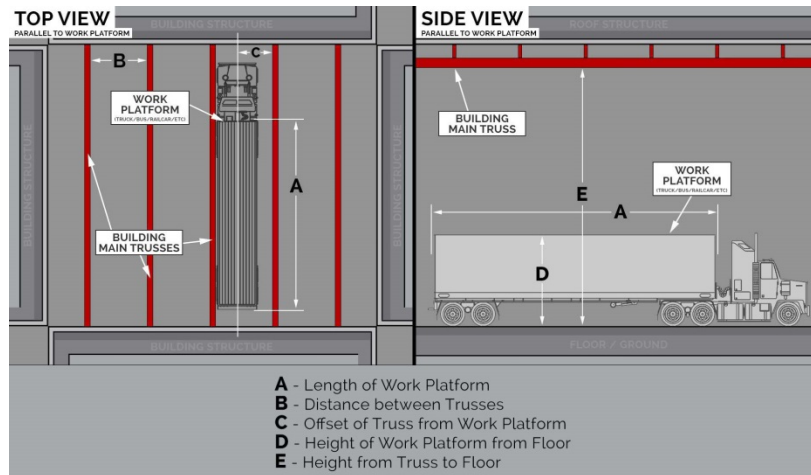
**Full Body Harness:** Only a full body harness can be used in a fall arrest system such as the freestanding fall protection system. The harness reduces the forces of the fall on the body and also keeps the user in an upright position when properly worn.



# System Layout

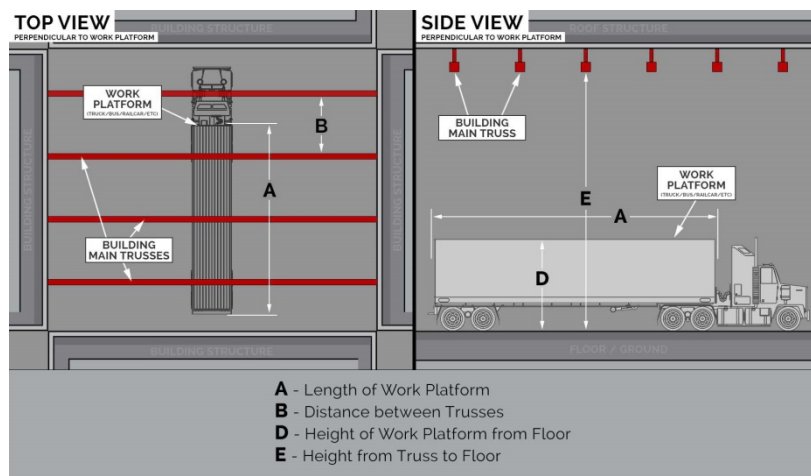
The layout of your existing structure will define how the fall protection system will get anchored from your overhead building structure. Below are two illustrations showing a Parallel and perpendicular layouts along with information that will help us understand and put together a proposal for you. Do not hesitate to call us if you have any questions concerning the layouts described below.

## Parallel to Work Platform



[Link to illustration.](#)

## Perpendicular to Work Platform



[Link to illustration](#)



**!! CAUTION !! This is a fall protection system. The system must be used in strict conformance with the manufacturer's instructions. Failure to do so may result in serious injury or death. Do not use or operate this system unless you are properly trained.**

## Information Needed to Quote

By providing some basic information we can provide you with a custom proposal. Pictures and sketches are very helpful and if you prefer to speak with a fall protection expert just call or send us an e-mail. **Fill out our [Request a Quote](#) form to send us your information.**

- Length of coverage area
- Dimensions of Work Platform
- Type of vehicle or equipment that you need to work on
- Number of users

## After Sales Support Services

CAI Safety Systems will continue to support you after your system has been installed and is in use. We can provide annual inspection, training, updating user equipment and rescue systems.

Visit our [Services](#) and [Training Agenda](#) for more information.



**Phone: (888) 246-6999**

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