PORTABLE FREESTANDING ROTATING ANCHOR

UTILIZES VEHICLE WEIGHT FOR ANCHOR
QUICK ASSEMBLY
MINIMIZES FREE-FALL
VERSATILE
Freestanding Rotating Anchor
Overhead anchorage connectors
for Bus & Truck Loading / Maintenance etc.

PRODUCT LITERATURE

Overhead anchorage connectors have always been a driving need for applications that do not have access to an overhead structure for securing a safe anchorage point. In many instances, such as truck and bus loading / unloading / maintenance, a worker does not have the benefit of an overhead structure to secure an anchorage connector.

The Freestanding Rotating Anchor provides a safe overhead anchorage that is designed specifically for use around vehicles, utilizing the vehicle weight to secure the anchor for proper fall arrest, eliminating the need for heavy and bulky counter weights.

The Rotating Anchor includes a universal non-stretch 20ft. galvanized cable Self-retracting Lifeline with Back D-ring. A Full-body Harness is available but optional.
Features & Benefits

- **PORTABLE FALL ARREST SYSTEM**
  Provides the worker with an easy and quick connection with their fall arrest system while working at height.

- **EASY TO MOVE**
  The modular design is easy to assemble and transport using only a forklift. Weighing only 1,050 lbs., it is significantly lighter than competitive systems on the market, making the portable rotating anchor more versatile.

- **LIGHTER IN WEIGHT**
  Patented energy absorbing technology reduces forces on the system.

- **FLEXIBLE FALL PROTECTION**
  With a 20 ft. telescoping mast and a boom that rotates 360°, it can be easily positioned above the worker’s head to minimizing free-fall distance and swing fall.

- **NO HEAVY COUNTERWEIGHT**
  Designed to eliminate the need for heavy and bulky counter weights by utilizing vehicle weight to safely secure the system in place.

**GUIDELINES FOR USE !! IMPORTANT !!**

- The Freestanding Rotating Anchor requires a minimum of 10,000 lbs. (4,436 kg) of axle weight to be applied to the base plates.
- The maximum working radius allowed away from the mast is 14 ft. (4.3 m). The user must always be aware of swing fall and ensure that proper fall clearance is available, including lower level obstacles.
- The Rotating Anchor is designed for use with elevated platforms ranging from 6 ft. (1.8 m) to 14 ft. (4.3 m) above the ground. Fall clearance calculation should always be performed for your specific application prior to working at height.
- The anchor is rated for one (1) user with total weight not exceeding 310 lbs. (140.6 kg) including all equipment and tools.
System Components

- **Self-Retracting Lifeline**
  - Sold separately

- **Rotational Boom**
  - 360° Rotational Boom rotates in the direction of the worker minimizing swing fall

- **System height 20 ft.**

- **Shock Absorber**
  - Patented energy absorbing design limits forces to the system

- **Telescoping Mast**
  - 20 ft. Telescoping Mast can be easily positioned above the workers head minimizing free-fall distance

- **Small Footprint**
  - Modular design allows for small footprint and easy transport using only a forklift

- **Base height 11 ft.**

- **Counterweight**
  - No cumbersome counterweights by utilizing truck's weight to anchor

- **Base width 8 ft.**
### Models

<table>
<thead>
<tr>
<th>SKU #</th>
<th>SYSTEM SIZE (W &amp; L)</th>
<th>INCLUDED</th>
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</thead>
<tbody>
<tr>
<td>MIL-SORBSYS-KIT</td>
<td>Width - 133”, Height - 240”, Depth - 97”</td>
<td>Rotating Anchorage System - base, mast, and boom (MIL-SORBSYS)</td>
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<tr>
<td></td>
<td></td>
<td>20’ SRL (MIL-RL20G-Z7)</td>
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<tr>
<td>MIL-SORBSYS-SH-KIT</td>
<td>Width - 133”, Height - 240”, Depth - 97”</td>
<td>Rotating Anchorage System - base, mast, and boom (MIL-SORBSYS)</td>
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<tr>
<td></td>
<td></td>
<td>Harness (MIL-650/UYK)</td>
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Self-Retracting Lifeline (SRL)

The Self-Retracting Lifeline included with the Freestanding Rotating Anchor is up to 30% lighter than competitive models in their class, and more compact. The SRL is engineered for use in leading edge applications or with a traditional overhead anchorage. It is designed to protect a worker if a fall occurs that involves going over an edge. The SRL features a shock absorber integrated into the lifeline, lowering fall arrest forces. *This product is not sold individually.*

**FEATURES & BENEFITS**

- Double-swivel design allows for greater maneuverability while preventing the lifeline from twisting or kinking.
- Consistent spring tension regardless of the amount of wire rope or webbing in use.
- Steel twist-lock carabiner and tagline included for attaching to an anchorage.
- Durable and dependable, corrosion-resistant stainless steel and aluminum housing extend service life.
- Rated for up to a 310-lb. (140.6 kg) user. Carabiner and tagline included.
- Meets OSHA and CSA standard requirements.
CAI Safety offers a **Non-stretch Full-body Harness** in lightweight, durable, yellow polyester webbing. The size is universal and has a self-contained label pack that encapsulates labels minimizing damage and loss.

The harness comes with friction buckle shoulder straps and mating buckle chest and leg straps. The harness has an optional Front D-Ring and meets applicable ANSI, OSHA and CSA requirements. *This product is not sold individually.*
Set Up & Assembly

Quick and Easy Set-up from Crate to Full Assembly!

STEP 1
Remove product from crate

STEP 2
Raise telescoping mast

STEP 3
Position telescoping mast on base

STEP 4
Complete anchor base assembly

STEP 5
Move anchor into position

STEP 6
System ready for use

!! 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.
Need a 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.

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Some of our Clientele