



•Fall Protection •Training •Netting •PPE

C-SLAB GRABBER
INSTRUCTION MANUAL



These Instructions Apply to the Following Model(s):
GUARDRAILSLAB

IMPORTANT:

Do not skip this instruction manual. Read the instruction manual carefully before using the equipment. Failure to do so may cause serious injury or death. These instructions serve as the Manufacturer’s Instructions and are to be used as part of an employee training program for the system, as required by OSHA.

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Overview

You have just purchased your very own Palmer Safety Fall Protection Guardrail C-Slab Grabber. This manual must be read and understood in its entirety, whereas any specified training course on fall protection can be utilized to provide the necessary knowledge.

All of these instructions need to be made available to the user of the equipment. The user needs to understand how the Guardrail System works and how to use it safely. They also need a basic understanding of fall safety equipment used in combination with the Guardrail System.

Safety Standards

All applicable OSHA 1926 Subpart M construction standards and OSHA 1910 general industrial standards for fall protection are followed when this product is used as instructed. Standards are regulated depending on the type of work being done. You can review all regulations at regulatory agencies for more information on fall protection systems, including any of the state-specific regulations.

Worker Definitions

NOTE: It is important to know the definition of those who work near or who may be exposed to fall hazards.

Qualified Person: A person with accreditation for this position who has sufficient experience or standing in their industry. They are responsible for reviewing the effectiveness of fall prevention and rescue procedures.

Competent Person: A fall safety coordinator is a person who has been trained to manage all aspects of a company's fall safety program. This includes the actual regulation, the management thereof and its application. A person tasked with identifying existing or foreseeable hazards. They have the power to temporarily stop work to address any concerns they might have.

Authorized Person: An employee who's area of responsibility includes areas where potential or existing fall hazards exist. These employees need to be trained to understand what it takes to work safely around these hazards.

Qualified or Competent person on jobsite is responsible for training and inspection of the Guardrail System. Please contact your local Palmer Safety Specialist if you have questions or need training. We can provide training on the jobsite.

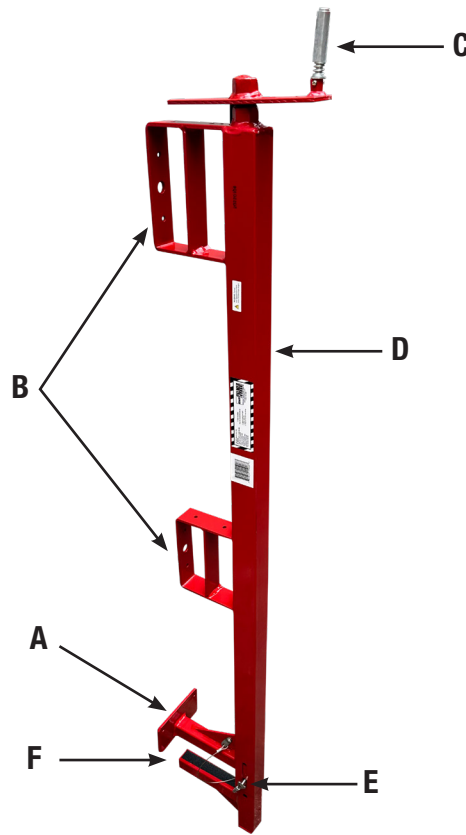
Applications

WARNING: Using the equipment in ways other than its intended purpose may result in severe injury or death. Guardrail System are not intended for any connections, never attach anything to a Guardrail System that is not specifically a part designed for use with the system. Do not ever climb, sit or lean on the Guardrail System.

Fall Prevention: This Guardrail System is only designed to be used in Fall Prevention applications. This system is to be placed around the leading edge of a fall hazard to stop workers from falling off the edge. This system can be used in place of other fall protection or safety netting. The procedures in these instructions must be followed when planning, setting up and using the Guardrail System. Nothing can ever be attached to a fall prevention system that has not been specifically designed for use in such a system. No connections are allowed for Fall Arrest, Restraint, Worker Positioning or Rescue operations.

Product Components

- A: Toe board Plate
- B: Guardrail Rungs
- C: Adjustment Handle
- D: Post
- E: Locking Pin
- F: Slab Clamp



Product Specifications

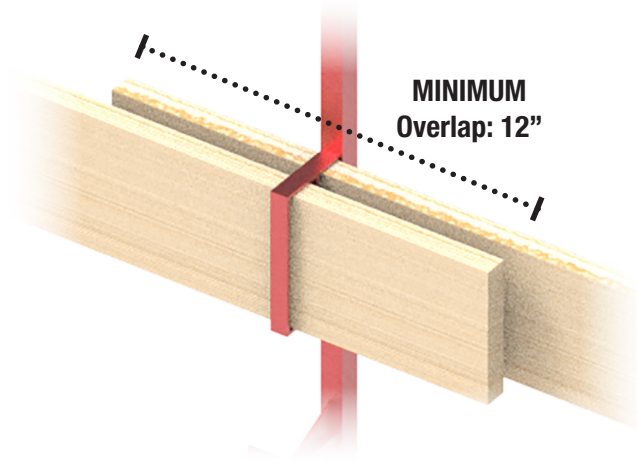
Guardrail C-Slab Grabber
 For Fall Prevention ONLY
 Materials: Powder-Coated Steel.

Notes

1. Make sure all workers have read and understand the warnings and instructions associated with this equipment.
2. Make sure all workers are using other fall protection methods while installing fall prevention systems.
3. Check to be sure the intended installation location is suitable for Guardrail C-Slab Grabber installation and free of hazards such as but not limited to rot, decay, cracking or hazardous materials. C-Slab Grabber must never be installed over gravel or other loose/slippery surfaces.
4. Guardrail C-Slab Grabber must be installed at least 10' away from power lines or other electrical dangers.
5. All leading edges of a fall hazard must be blocked
6. No connections can be made to Fall Prevention systems.
7. All Fall Prevention Systems must be deemed compatible by a Competent Person. All guardrails must be compatible with 2x4 or 2x6 construction grade lumber OR wire cabling with strength and installation deemed compatible by a competent person.
8. Top rail must be 42" (+/- 3") above the work surface, not the parapet. Mid-rails must be halfway between the top edge of the top rail and the working surface.
9. Toe boards are required on surfaces with a slope of more than 4/12 (vertical/horizontal).
10. Toe boards are required if there is a risk of tools, equipment, materials or other items to fall down to a lower level.
11. Toe boards must be minimum 3-1/2" from their top edge to the work surface and must not have more than 1/4" clearance between their bottom edge and the working surface.

Installation and Use

1. Lay out the job by measuring and spacing the location of the C-Slab Grabbers on the work surface. Failure to properly measure and plan may result in having to move and reinstall system components.
2. Unlock and remove C-Slab Grabber locking pin and unfold the adjustable handle.
3. Rotate adjustment handle counterclockwise until slab clamp can be fitted over the concrete slab. C-Slab grabber can be adjusted to fit concrete beams from 1-1/2" to 36" thick.
4. Install (2) 3" x 3/16" Tapcon® (or equivalent) screws through holes in the adjustment clamp plate and fully embedded in the parapet.
5. Insert locking pin at first available hole in C-Slab post.
6. Place C-Slab Grabber over concrete slab and rotate adjustment handle clockwise until snug. If tightening with a tool that will apply torque, tighten to no more than 30 foot-pounds. Guardrail rungs must face towards the work surface. Maximum spacing between C-Slab Grabbers is 8'.
7. Install 2"x4" or 2"x6" guardrail boards in guardrail rungs. Guardrails must overlap by a minimum of 12" at each end.



8. Use nails deemed compatible by a Competent Person to install all toe boards to the toe board plates.
9. C-Slab Grabbers must be installed flush against the substrate and must allow guardrail posts to be positioned perpendicular to the work surface.
10. Concrete substrate must be deemed compatible with C-Slab Grabbers by a Competent Person.

Maintenance, Cleaning, and Storage

If Guardrail fails inspection in any way, immediately remove it from service, and contact Palmer Safety to inquire about its return or repair.

Cleaning after use is important for maintaining the safety and longevity of Guardrail System. Remove all dirt, corrosives, and contaminants from Guardrail System before and after each use. If Guardrail System cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean Guardrail System with corrosive substances.

Prior to use, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

Inspection

- 1.) All C-Slab Grabber components should be inspected before each use.
If any damage is found or system is involved in a fall remove from jobsite immediately.
- 2.) C-Slab Grabber components should be inspected by a Competent Person annually.
- 3.) All inspections should be documented.

Palmer Safety would be glad to help with any inspections.

Inspection Log

SERIAL NUMBER:													
MODEL NUMBER:													
DATE PURCHASED:							DATE OF FIRST USE:						

	J	F	M	A	M	J	J	A	S	O	N	D
YR												
YR												
YR												
YR												
YR												

Product lifetime is indefinite as long as it passes pre-use and Competent Person inspections. User must inspect prior to EACH use. Competent Person other than user must complete formal inspection annually. Competent Person to inspect and initial.

This inspection log must be specific to one Guardrail C-Slab Grabber. All inspection records must be made visible and available to all users at all times.

If equipment fails inspection or is involved in a fall **REMOVE FROM SERVICE IMMEDIATELY.**

INSPECTION DATE	INSPECTION ITEMS NOTED	CORRECTIVE ACTION	MAINTENANCE PERFORMED
Approved by:			
Approved by:			
Approved by:			
Approved by:			
Approved by:			

Safety Information

WARNING: Failure to understand and comply with safety regulations may result in serious injury or death. Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.



General Work Products LLC
6000 Jefferson Hwy
Harahan, LA 70123
(504) 733-1808
www.PalmerSafetyUS.com