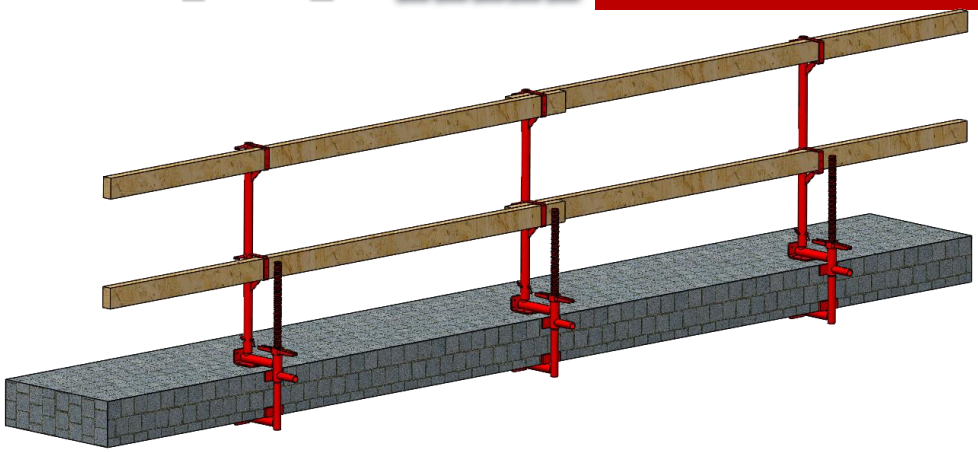
SLAB GUARDRAIL POST

GRSL

DSS-PU-GRSL- Date: 08/21/2018

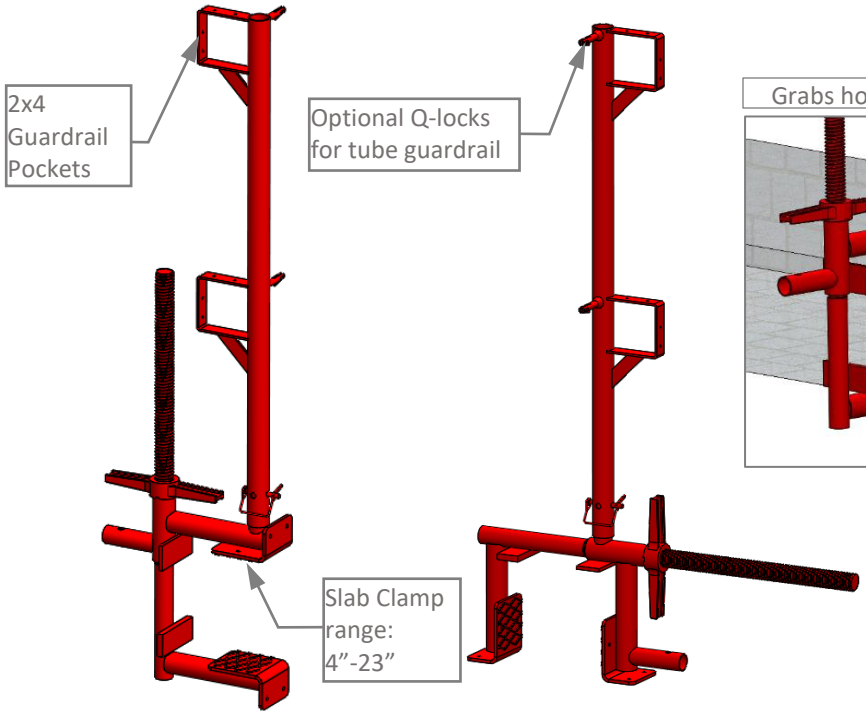


KEY FEATURES:

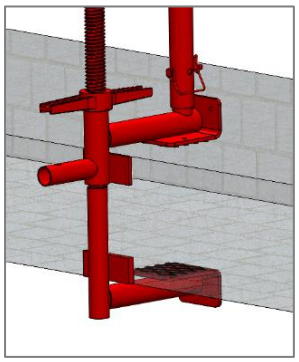
- **Dual application**: works with both vertical and horizontal slabs.
- **Wide grip range**: clamp adjust from 4” to 23” thick slabs.
- **Easy to Adjust:** uses a nut that can be hand-tightened to provide clamping force.
- **Guardrail versatility:** can be used with 2x4 lumber or tube guardrail.
- **Durable finish:** Powder coated for long-term protection.
- **Meets and exceeds OSHA/**

GRSL, Slab Guardrail Post, may be used in Fall Prevention applications ONLY. Fall Prevention Systems are placed around leading edges of fall hazards to prevent a worker from going over the edge. This product can be used in both vertical and horizontal concrete slabs. Installation requirements in this manual MUST be followed.

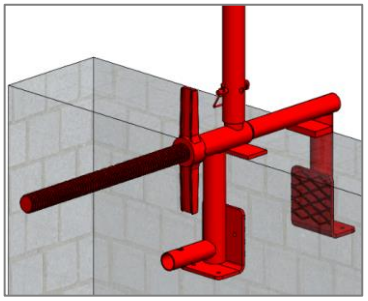
ATTENTION: Personnel Fall Arrest, Work Positioning, Climbing, Rescue or any other system must NEVER be connected to the GRPL Slab Guardrail Post.



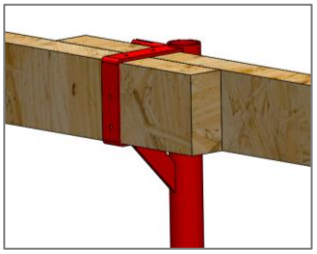
Grabs horizontal slabs



Grabs vertical slabs



(8X) Nail holes in each guardrail pocket



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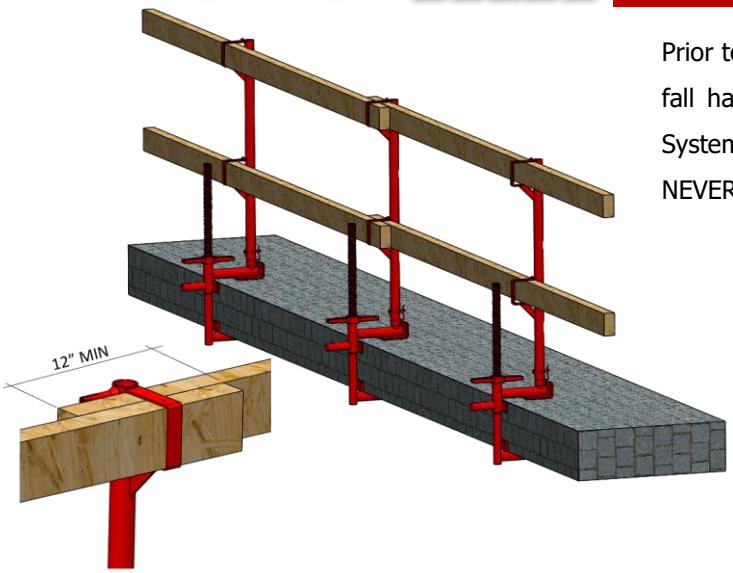

Prior to use, plan the entire Guardrail System. All leading edges of fall hazards must be blocked, or a supplemental Fall Protection System must be used in combination with the Guardrail System. NEVER connect a Fall Protection System to this Guardrail System.

GENERAL RECOMMENDATIONS

1. Work area must be clear of all hazards, debris, rot, decay, cracking and hazardous materials. The work area must be inspected by a competent person for these hazards and any others that may not be included in the list.
2. Never install a slab post on gravel or other loose or slippery surfaces.
3. Use 2"x4" construction grade lumber for top-rails and mid-rails.
4. Top-rails must be 42" (±3") above the work surface or, if used in stilt work applications, 42" plus height of stilts.
5. Mid-rails must be halfway between the top edge of the guardrail system and the working level (not the toe board).
6. DSS recommends using ¼" or larger cable through the gussets of the guardrail pockets. This cable should be secured on each end to prevent the guardrail slab post from falling should it come loose.

INSTALLATION AND USE

1. Plan the job layout. DSS recommends 6' spacing between slab guardrail posts GRSL when using 2"x4" lumber and 7' when using tube guardrails. Posts should be evenly spaced.
2. Depending on the application, concrete slab or vertical wall slabs, position the guardrail post parallel or perpendicular to the threaded rod by inserting it into one of the two guide posts and securing with the snap pin. Make sure the guardrail pockets are facing the work area.
3. Rotate the Nut to adjust the slab clamp opening. The slab clamp will fit slabs from 4" to 23" thick.
4. Rotate the Nut clockwise to tighten the slab clamp. **Inspect the posts daily and tighten the clamp as needed.**
5. Install 2" x 4" lumber (or alternatively tube guardrails) as top-rails and mid-rails. Lumber guardrails must overlap with the next one at a minimum of 12" at each end.
6. Secure guardrail lumber with 8d nails at the guardrail pockets.

The Guardrail Slab Post will meet or exceed the load requirement per 29 CFR Subpart M, and CSA Standard 797-09. Lumber used in conjunction with the slab post must be free of defects and be rated to withstand an equivalent load.

WARNING

SERIOUS INJURY OR DEATH CAN RESULT FROM FAILURE TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF FEDERAL, STATE, PROVINCIAL AND LOCAL SAFETY REGULATIONS. FAMILIARIZE YOURSELF WITH THESE INSTRUCTIONS BEFORE ERECTING, USING, OR DISMANTLING THIS SCAFFOLD DEVICE.

- USE OF EQUIPMENT FOR UNINTENDED APPLICATIONS MAY RESULT IN INJURY OR DEATH.
- NEVER MAKE A CONNECTION TO GUARDARAIL SYSTEMS.
- NEVER LEAN OR CLIMB ON GUARDARIAL SYSTEMS.
- GUARDRAIL SYSTEMS MUST BE A MINIMUM OF 10' FROM POWER LINES AND ELECTRICAL HAZARDS.

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