



Designed by rescue professionals for rescue professionals.

RQ3 Cliff Pickets RQ3 Anchor Plate RQ3 Picket Driver

RQ3 Picket System



KT1750



WARNING

The Anchor Plate and the Cliff Picket strengths listed below are the individual pieces breaking strengths. It is not the system rated strength.

Anchor Plate: 8,000 .lbs (35.58 kN)

Cliff Pickets: 6,000 .lbs (26.68 kN)

Calwen, Inc., dba Rescue Source
11084 Jeff Brian Lane
Wilton, CA 95693



Made in USA

- Return auxiliary equipment to the manufacturer or to a qualified inspection person/center if the equipment is showing signs of visibly damaged or impact loaded.
- Rescue Source recommends a use of a maintenance log on this and all technical rescue equipment. It is also recommended that this information sheet be retained in a permanent record and a separate copy kept with this product and reviewed before and after each use. Failure to follow these instructions could result in serious injury or death

USE



Our pickets are designed to be used in situations where there are no other suitable anchors available.



The user must determine the overall system strength based on the following factors, angle of the load, soil types, depth and angel of the pickets.

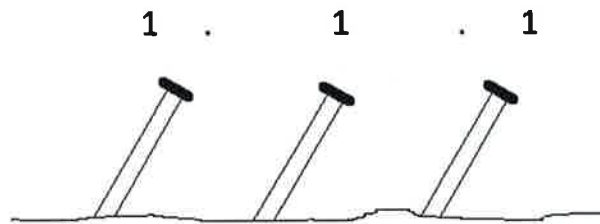
For reference, The US Army Rigging Manual

A single picket, either steel or wood, can be driven into the ground as an anchor. The holding power depends on the –

- Diameter and kind of material used.
- Type of soil.
- Depth and angel in which the picket is driven.
- Angle of the guy line in relation to the ground.

Loading picket anchor systems in average loamy soil: Multiply the estimated strength of the picket system by the soil factor to obtain the new estimated strength. Because of the wide variation in soil types allow margin for error. Use the following factors to adjust for wet soil: clay and gravel mixtures 0.9; river clay and sand 0.5

This system is to be used in a 1.1.1 configuration (see figure A).



(Figure A)