



ARCHITECTURAL SPECIFICATION

Quick Queue Retractable Belt Stanchion with Socketed / Removable Base Adapter

SECTION 11 14 00 – Pedestrian Control Equipment

PART I – GENERAL

1.01 SECTION INCLUDES

- A. This section covers the furnishing of Quick Queue Retractable Belt Stanchions with Socketed Removable Base Adapters.
- B. For further information, call the factory at +1 909.423.4143 and ask for the Customer Service department; or email information@alvaradomfg.com.

1.02 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in manufacturer's packaging undamaged, with installation instructions.
- B. Store off ground, under cover, protected from weather, construction activities and debris.
- C. Use forklift and pallet jack equipment, as required, for moving packaged product.

1.03 PROJECT/SITE CONDITIONS

Install on level concrete; minimum 4" thick.

1.04 WARRANTY

Alvarado warranties its products against defects in material and workmanship for a period of one (1) year from the date of invoicing. The warranty covers defects in materials and workmanship. It does not cover misuse. The warranty excludes freight, labor or incidental costs. Obtain full warranty terms from Alvarado.

PART II – PRODUCTS

2.01 MANUFACTURER

Alvarado Mfg. Co., Inc. 12660 Colony Street, Chino, CA 91710.

2.02 PRODUCT

Quick Queue Retractable Belt Stanchion (socketed / removable).

2.03 CONSTRUCTION

A. Post and Integrated Retractable Belt Mechanism:

1. The Post consists of 16 gauge, 2.5" OD tubing. The post is 38" high. The bottom of the post contains a threaded nut that accepts the Base Adapter. The top of the post contains a Retractable Belt Mechanism.
2. Each Post contains a recessed spring based retractable belt mechanism and three separate attachment points for attaching the belts of adjacent stanchions.
3. The retractable belt is 2" in width and approximately 80" when fully extended. The retractable belt contains a belt end that attaches to one of three available attachment points on an adjacent stanchion. The belt is held taut by spring tension and belt end contains a locking device that allows the belt to lock in place to avoid inadvertent release.

B. Base Adapter and Socket:

1. The Base Adapter consists of two 5.5", 4 gauge diameter flanges that are bolted together. A 3.5" length of all thread rod is welded to the top of the upper plate. A 3.25" long piece of steel tubing is welded to the bottom plate.
2. The Socket is 3.5" long 1.5"OD stainless steel. The Socket is cored into the ground. It accepts the Base Adapter with the attached Post.

FINISH

- A. Satin Stainless Steel: The Post is fabricated from stainless steel with a satin finish.
- OR
- B. Black Powder Coated Steel: The Post is fabricated from steel with a black painted finish.

PART III – EXECUTION

3.01 SITE EXAMINATION

- A. Inspection: Installer must examine the installation location and advise the Contractor of any site conditions inconsistent with proper installation of the product. These conditions include but are not limited to the following:
 - 1. Product must be installed on a level concrete surface; concrete to be a minimum of 4" thick. Installation shall not begin until unacceptable conditions are rectified.
- B. Installation: Install product accordance with manufacturer's instructions.
- C. Instruction: Installer shall provide product operating instructions to customer.
- D. Cleaning: Clean area after installation to remove excess materials, caulk, dirt and labels.

Note: Alvarado Mfg. Co., Inc. reserves the right to change this specification at any time without notice.