

SPT Turnstile

Product Name

Four-Arm Manual Turnstile – Model SPT

Manufacturer

Alvarado Manufacturing Co., Inc.

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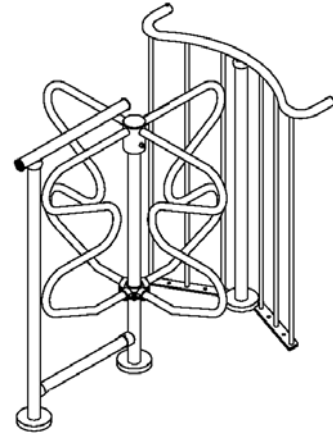
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Product Description: The SPT Turnstile is a four-arm turnstile suitable for use in supermarkets, libraries, retail stores, amusement parks and schools where theft prevention is a high priority. The SPT offers easy customer access and significant protection against wrong-way traffic. The turnstile's horizontal arms require less than 1 lb. of pressure to move and a no-slip clutch provides smooth, silent, single direction rotation. The turnstile comes standard with clockwise rotation and can be set in the field for counter-clockwise rotation.

Materials: All materials meet the appropriate ASTM Standards.

Mechanical Components:

- The **Turnstile Head** is a 3-1/2" diameter by 3/8" thick cold rolled steel tube drilled to accept the four turnstile arms. The arms are fit into the head and welded from the back. The turnstile head is sealed at one end with a snap fitted steel cap. A hole on the Turnstile Head is provided with a set screw to secure the Turnstile Head in place. The following are the main components contained within the SPT Turnstile Head:
- **Clutch Assembly** – The Clutch Assembly is a one way clutch utilizing three clutch rollers, three clutch springs, and a clutch roller spring. The rotation direction of the clutch can be reversed by inverting the clutch assembly.
- The **Arms** are constructed of 1.5" OD x 16 gauge steel tubing. The arms are sealed at one end with a plastic cap. Each arm has three bends allowing each arm section to span a vertical length of 33" for added security. A 21" passage width is created when the arms are fit into the clutch assembly within the turnstile head.
- The **Overarm Barrier, Turnstile and Yoke Posts** are 2.25" OD tubes made from 16-gauge cold rolled steel with a 5.5" diameter flange at the base with anchor holes. A base cover that conceals the anchor holes is included with each post. Holes are drilled in each post for the included security shafts and rail.
- The **Yoke Arm** is a 1.5" OD tube made from 16-gauge cold rolled steel with a 2.5" base diameter yoke saddle welded to the middle. The Yoke Arm is bent along a 21" radius. Six holes are provided to attach the included rods.

- The **Yoke Rods** are 3/8" diameter cold rolled steel rods. Three rods are welded to a 2" x 10.38" cold rolled steel plate, which rests on the floor.
- The **Overarm Barrier** is a 1.5" OD tube made from 16-gauge cold rolled steel with a 2.5" diameter sleeve welded to one end.
- The **Security Shafts** are 0.75" diameter cold rolled steel 4130 (annealed) rods with rounded edges.
- The **Horizontal Rail** is a 1.75" OD tube made from 16-gauge cold rolled steel. Necessary mounting equipment is provided.

Finishes: The SPT Turnstile is available in the following finishes:

- **Stainless Steel** – All external fabricated materials are composed of #304 stainless steel and polished to a #4 satin finish.
- **High Polished Chrome** – All external fabricated materials are composed of cold rolled chrome plated steel and mirror polished.
- **Powder Coat** – All external fabricated materials are composed of cold rolled steel and powder coated in one of many available colors.

Size: The SPT Turnstile has an overall width of 52" and an overall height of 51". The SPT Turnstile provides a 21" passage width.

Shipping: The SPT Turnstile is shipped ready for assembly. Hardware to mount the SPT Turnstile to a standard, level concrete floor is available, but not included. Alvarado ships products throughout the world.

Installation: All SPT Turnstiles must be installed on level concrete. Installation should be performed by a skilled installer following the manufacturer's directions and instructions supplied with the product.

Warranty: Alvarado Manufacturing Co., Inc. warrants the SPT Turnstile from defects in material or workmanship, for the period of ONE YEAR from date of shipment. Complete details of the warranty are available from Alvarado by request.

Technical Services: Technical information is available from Alvarado Mfg. Co., Inc., and its representatives, distributors and dealers.