

SLT

Waist High Turnstiles

The SLT is a three-arm turnstile that provides reliable patron flow control and/or patron counting with a streamlined, compact footprint. The SLT turnstile is economically priced and is ideal for use in all types of public environments.



TYPICAL INSTALLATION SITES

- Arenas and Stadiums
- Amusement Parks
- Retail Stores
- Food service

COMMON APPLICATIONS

- Pedestrian Traffic Flow Control
- Patron Counting

FUNCTION

The compact SLT provides highly reliable bi-directional pedestrian flow control and patron counting. Among its many attributes, the SLT comes with adjustable, hydraulically dampened, arm rotation control, which ensures a consistently smooth single rotation per user.

The SLT provides patron counting using a non-contact magnetic switch. Counts can be output to a local counter that is installed in the turnstile cabinet or to Alvarado's GateWatch automated facility counting software, which provides real-time entry, exit and in-venue totals and a historic database of passage count activity.

All Alvarado turnstiles are designed to provide years of service. The SLT has stainless steel internal components and an adjustable rotary dampener that slows and cushions the rotation and self-centers the arms in the home position. The turnstile also comes with key override controls that allow the turnstile rotation direction to be changed in the field (see Available Configurations and Passage Mode sections below).

The SLT is suitable for indoor or outdoor use. Contact Alvarado for recommendations on finishes for exterior applications.

AVAILABLE CONFIGURATIONS

The SLT can be configured to provide free passage in both directions; free passage in one direction and restricted passage (locked) in the opposite direction; or restricted passage (locked) in both directions. Passage direction may be changed at any time using the included key lock controls recessed into each cabinet.

AVAILABLE FINISHES

STAINLESS STEEL

The cabinet and lid are fabricated from #304 stainless steel polished to a #4 satin finish.

POWDER COATED

The cabinet is powder coated. The stainless steel lid, rotating head and arms are not powder coated. Powder coating is available in a variety of colors.

MATERIALS

LID

The lid is fabricated from 14-gauge stainless steel.

CABINET

The cabinet is fabricated from 12-gauge stainless steel. The cabinet contains the control mechanism.



ROTATING HEAD AND ARMS

The rotating head is fabricated from a solid piece of aluminum, machined to a conical shape and drilled to accept three turnstile arms. The arms are 1.5" OD x 16-gauge #304 stainless steel tubing sealed at one end by a welded stainless steel cap. The arms are press fit into the head and welded from the back, allowing for assembly without the use of visible exterior fasteners.

MECHANICAL COMPONENTS AND FUNCTIONALITY

HYDRAULIC DAMPENING AND SELF-CENTERING

Turnstiles have a hydraulic dampener that provides a controlled rotation, smoothly returning the turnstile arms to the home position.

RATCHET / ROLLER BEARING ASSEMBLY

The ratchet is a stainless steel investment casting, holding six precision roller bearings.

PASSAGE MODES

SLT turnstiles offer the following user configurable passage modes:

**Free Passage /
No passage**

Using the included key lock control, the SLT can be configured to provide free passage in both directions; free passage in one direction and restricted passage (locked) in the opposite direction; or restricted passage (locked) in both directions.

OPTIONS

BATTERY-POWERED COUNTERS

A lithium battery powered LCD seven-digit counter is installed in the turnstile. Each rotation of the turnstile arms generates a count. One counter is required per direction of travel. Counters can be ordered as resettable or nonresettable. Resettable counters can be reset to "0" using a key switch integrated into the turnstile cabinet.

EXPEDITED MANUFACTURING TIMES

Expedited manufacturing times are available. Contact Alvarado for more information.

PORTABLE BASEPLATE

The turnstile is mounted to a black powder coated baseplate with a stainless steel guide rail. Wheels and a handle allow for easy maneuverability.



SHIPPING AND SITE PREPARATION

SHIPPING

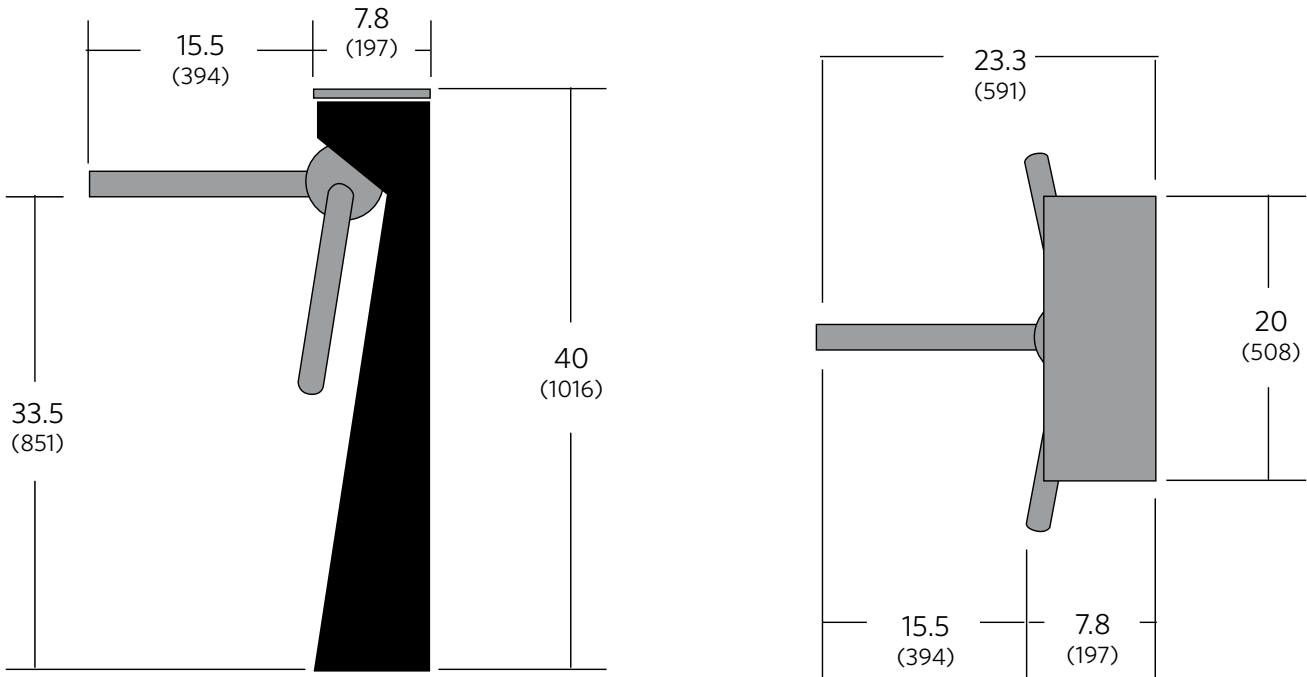
SLT turnstiles are shipped assembled.

SITE PREPARATION

All turnstiles must be installed on a firm foundation. The recommended slab platform should be 4" deep, level concrete. Concrete anchors, bolts and washers are included with each turnstile. Installation should be performed by a skilled installer following Alvarado's directions and instructions. Detailed drawings and installation manuals are available online.

TECHNICAL DIMENSIONS

Dimensions are shown in inches (mm). All measurements are approximate.



Weights and Environmental		
Product Weight	120 lbs.	54 kg
Shipping Weight	290 lbs.	132 kg includes weight of shipping crate(s)
Operating Temperature	-20° to 150° F	-29° to 66° C
Storage Temperature	-30° to 160° F	-34° to 71° C
Relative Humidity	0-90% (non-condensing)	--



WARRANTY

For a period of one year from the date of shipping, Alvarado will replace or repair, at Alvarado's option, any products or parts which are defective in materials or workmanship, provided recommended installation and maintenance procedures are followed. This warranty is void if damage is due to improper installation, maintenance or use. This warranty is limited to parts only, and does not cover labor or shipping charges incurred in connection with the removal or replacement of warranted products or parts.

This warranty is expressly made in lieu of any and all other warranties, expressed or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose. Alvarado shall not be liable for any loss or damage, directly or indirectly, arising from the use of purchased products. In no event shall Alvarado be liable to buyer for consequential damages, special damages, incidental damages, loss of use, business interruption, loss of profits, or damages of any kind arising out of the use or inability to use a purchased product. In NO event shall Alvarado be liable for damages which exceed the purchase price of a covered product.