ALVARADO

protecting assets and controlling the flow of people

model SLT

DESCRIPTIVE SPECIFICATIONS



The SLT is an economical turnstile ideal for directional control and pedestrian counting applications. It is designed for years of smooth, trouble-free operation.

COMMON APPLICATIONS

- Controlling Pedestrian Traffic Flow
- People Counting

TYPICAL INSTALLATION SITES

- Colleges & Universities
- Arenas & Stadiums
- Amusement Parks

FUNCTION

The SLT is a compact turnstile used to direct pedestrians, and count attendance. Among its many attributes, the SLT comes with adjustable, hydraulically damped arm rotation control, which ensures a consistently smooth single rotation per user.

All SLT turnstiles are field adjustable to operate in one of four modes: unlocked in both directions; locked in both directions; locked in/free passage out; free passage in/locked out. Modes can be changed in seconds using the included key lock controls recessed into each cabinet.

SLT turnstiles used for counting do not require power. Counts can be output to a local, battery-powered counter recessed into the turnstile cabinet, and/or to Alvarado's Gatewatch counting software through the use of an internal microswitch (see Options).

All models are suitable for indoor or outdoor use. Contact Alvarado for recommendations on finishes for exterior applications.

AVAILABLE CONFIGURATIONS

SLT-3

The SLT-3 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

POWDER COATED

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

STAINLESS STEEL

All external materials are fabricated from stainless steel polished to a #4 satin finish.

MATERIALS

LID

The Lid is fabricated from 14-gauge stainless steel, regardless of finish.

CABINET

The Cabinet is fabricated from 12-gauge cold rolled steel (or 14-gauge stainless steel). The cabinet contains the control mechanism.

ROTATING HEAD & ARMS

The Rotating Head is fabricated from a solid piece of aluminum, machined to an attractive conical shape and drilled to accept three turnstile arms. The Arms are 1.5" OD x 16 gauge 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 assembly without the use of visible exterior fasteners.

MECHANICAL COMPONENTS & FUNCTIONALITY (ALL MODELS)

RATCHET/ROLLER BEARING ASSEMBLY

The ratchet is a stainless steel investment casting holding six precision Roller Bearings.

HYDRAULIC DAMPING & SELF-CENTERING MECHANISM

Provides a smooth braking effect during the rotation of the turnstile to eliminate “rumpslap” and over rotation of the turnstile arm. The hydraulic damping tension is adjustable.

OPTIONS

BATTERY POWERED COUNTERS

A lithium battery powered LCD seven digit counter is installed in the turnstile. Each rotation of the turnstile arm generates a count. One counter is required per direction of travel. Counters can be ordered as resettable or non-resettable. Resettable counters can be reset to “0” using a provided key.

PORTABLE BASEPLATE

The turnstile is mounted to a black powder coated baseplate with a stainless steel guide rail. Baseplates are available with and without castors.

SHIPPING & SITE PREPARATION

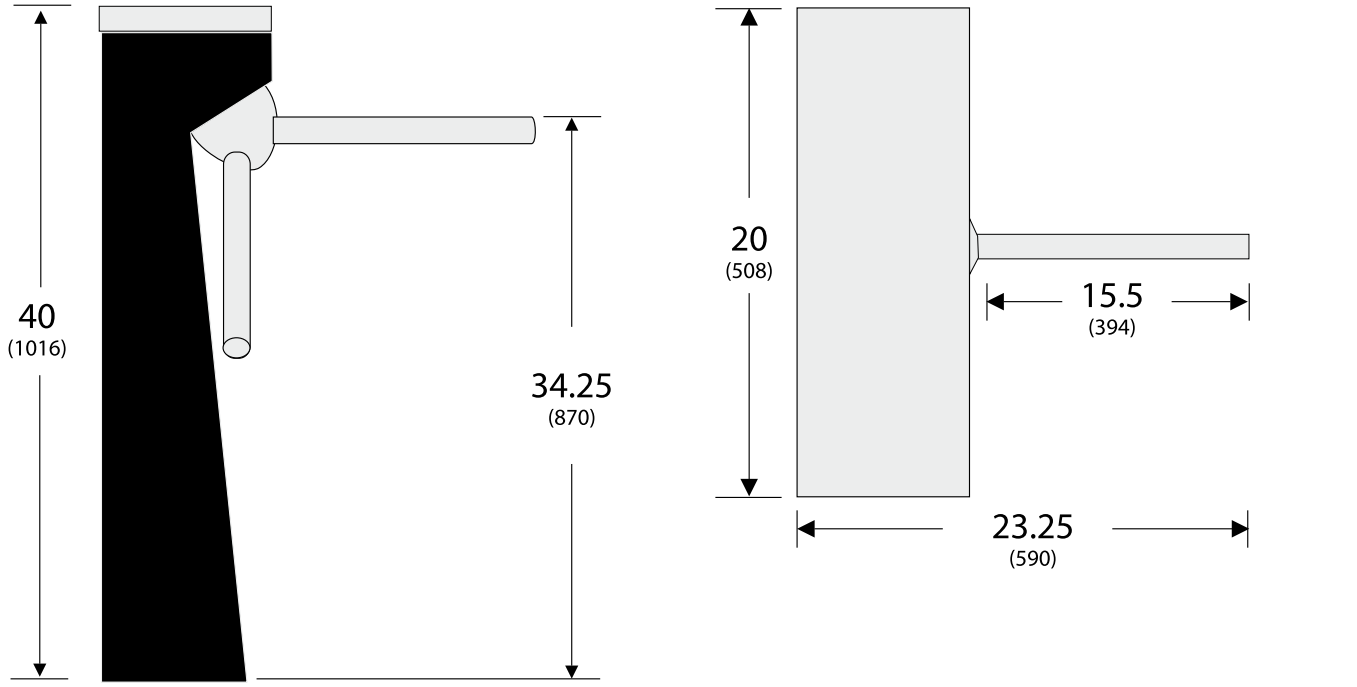
SHIPPING

All SLT turnstiles are shipped assembled.

SITE PREPARATION

All turnstiles must be installed on a firm foundation in a manner that allows the required power and activation signal cabling to be pulled into the unit (electrically controlled models). 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 shown in inches (mm).

WEIGHT, DIMENSIONS, ENVIRONMENT			
	STANDARD	METRIC	
PRODUCT WEIGHT	120 lbs.	54 kg	
SHIPPING WEIGHT*	170 lbs.	77 kg	*Includes weight of shipping crate.
HEIGHT	40”	1016mm	
WIDTH	23.25”	590mm	
DEPTH	20”	508mm	
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 purchase, 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.