

**www.TURNSTILES.us HIGH SECURITY SERIES TURNSTILES AND MATCHING SWING GATES**  
**High Security Series, Turnstiles**  
**HIGH SECURITY, FULL HEIGHT TURNSTILES AND MATCHING SWING GATES**  
**TURNSTILE SPECIFICATION: SECTION 10450**

**1.00 PART I GENERAL**

- 1.01 Drawings and general provisions as specified apply to this section.
- 1.02 Product Data – Manufacturer's general description for each item and related components.  
For specific information, see catalog.
- 1.03 Shop drawings submitted upon request.
- 1.04 Turnstiles available in mechanical and electronic in clockwise, counter-clockwise,  
or bi-directional movement of travel.

**2.00 PART II PRODUCTS**

2.01 Turnstile models as distributed by www.TURNSTILES.us.

**2.02 HIGH SECURITY SERIES**

**A. HS427-S, HS430-S, HS439-S, HS448-S, HS427-T, HS430-T**

- 1. Material and finishes
  - a. Hot dipped galvanized carbon steel
  - b. Polyester enamel on carbon steel, standard color is black other colors available upon request.
  - c. 304 stainless steel with No. 4 satin finish.
- 2. Size as pedestrian clearance
  - a. HS427-S & HS427-T 27" (686mm)
  - b. HS430-S & HS430-T 30" (762mm)
  - c. HS439-S 39" (991mm)
  - d. HS448-S 48" (1219mm)
- 3. Type
  - a. S - Single
  - b. T - Tandem available in HS427 & HS430
- 4. Arm and barrier tubing sizes
  - a. 1-1/2" diameter 14 gauge (38mm) available in HS427 & HS430
  - b. 1-3/4" diameter 14 gauge (44mm) available in HS427 & HS430
- 5. Height: Overall exterior height 91" (2311mm), pedestrian walk through height 84" (2134mm) all models.
- 6. Depth
  - a. HS427-S & HS427-T 54" (1372mm)
  - b. HS430-S & HS430-T 56" (1422mm)
  - c. HS439-S 68" (1727mm)
  - d. HS448-S 93" (2362mm)
- 7. Width
  - a. HS427-S 62" (1575mm)
  - b. HS430-S 66" (1676mm)
  - c. HS439-S 84" (2134mm)
  - d. HS448-S 106" (2692mm)
  - e. HS427-T 94" (2388mm)
  - f. HS430-T 102" (2591mm)
- 8. Control Head: Self-centering, adjustable hydraulic shock suppression, hardened tool steel locking bars, cam and roller assemblies, permanently lubricated bearings.
- 9. For options, see Section 2.03.

**B. Matching Swing Gate**

- 1. Material and finishes
  - a. Hot dipped galvanized carbon steel
  - b. Polyester enamel on carbon steel, standard color is black.
  - c. 304 stainless steel with No. 4 satin finish
- 2. Size as pedestrian clearance: 36" (914mm) standard custom sizes available contact factory.
- 3. Frame and jamb: 2" x 2" (51mm x 51mm) 11 gauge box tubing

4. Interior tubing sizes
  - a. 1-1/2" diameter 14 gauge (38mm)
  - b. 1-3/4" diameter 14 gauge (44mm)
  - c. 1-3/4" diameter 11 gauge (44mm)
5. Exterior Height: 91" (2311mm) Interior height 88-1/2" (2248mm)
6. Keylock: Control direction of travel manually by key to lock or unlock, or may be used to override electronic controls.
7. Swing gate is equipped with outdoor rated electronic strike lock and automatic door closer.

## 2.03 OPTIONS

- A. All units available in clockwise, counter-clockwise, or bi-directional passage.
  1. Electronic lock modules include heavy-duty 24 VDC pull type industrial solenoids, and card reader interface. One module for one-way control, two modules for bi-directional control. Available in fail-safe (open on power failure) or Fail-Lock (lock on power failure) modes.
  2. Interfacing to card readers, computer attendance systems, coin and token acceptors, push buttons, and wireless remote controls.
  3. Electronic 6 digit resettable counter with LCD display and ten year lithium battery.
  4. Cover mount. Vertical Graphic Array (VGA) Red X / Green arrow.
- B. Additional options available on request.

## 3.00 PART III EXECUTION

3.01 Purchaser to install units in accordance with manufacturer's shop drawings and installation manual.

3.02 Warranty: Units are warranted against defects in materials and workmanship for a period of one year from date of delivery. See Warranty information for specific details.



8641 South Warhawk Road Conifer, CO 80433  
(303) 670-1099 x11 Patrick.McAllister@Turnstiles.us