

CONTROLLED ACCESS, INC. 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 manufactured by Controlled Access, Inc., Hinckley, Ohio

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 resetable 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.