

The Turnstile Factory

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 The Turnstile Factory, 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)
 - 5. Exterior Height: 91" (2311mm) Interior height 88-1/2" (2248mm)
 - 6. Key-lock: 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 hydraulic 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.**