



ON-SERIES PEDESTRIAN CONTROL DEVICES

SPECIFICATION

PART 1 PRODUCTS

1.1 EQUIPMENT

- A. 4 Arm Turnstiles: 4 Arm turnstiles are constructed with heavy-gauge materials and bearings. Parts are made of high-grade plated steel with smooth curved edges. Bolt heads are hidden by a cover which snaps over the floor mounting flange.
1. Turnstile Cat. No. 1001.
 2. Turnstile Cat. No. 1002.
 3. Header Post Cat. No 1003
 4. Curved Rail Section (2 Curves, 2 Posts) Cat. No. 1004
 5. Safety Release header Post Cat. No. 1003SR releases in case of emergency.
 6. Provide with fitting for adjacent rail as indicated.
 7. Rotation:
 - a. Clockwise.
 - b. Counterclockwise.
 8. Finish:
 - a. Bright Chrome.
 - b. Satin Chrome.
 - c. Polished Brass.
 - d. Satin Brass.
- B. 3 Arm Turnstiles: 3 arm turnstiles are constructed with heavy-gauge materials and bearings. Parts are made of high-grade steel. The hydraulically controlled mechanism smoothly repositions the arm to a closed position after each passage. The main indexing cam is fabricated of Selrin for years of maintenance free service. The arm rotates easily and is engineered to be extremely quiet. All bearings are permanently lubricated. Internal parts are hardened for many years of reliable service. Oil impregnated bronze bushings are used for low maintenance.
1. Operation:
 - a. One way operation.
 - b. Two way operation.
 2. Control:
 - a. Mechanical controlled. Cat. No. 1100.
 - b. Electrically controlled. Cat. No. 1100-24.
 3. Options:
 - a. Electronic Counting.
 - b. Card reader Interface.
 - c. Coin or token interface.
 - d. Portable platform.
 4. Finish:
 - a. Stainless steel finish.
 - b. Stainless steel and powder coat finish. Color as selected.
- C. Hi-Gate Turnstiles: 3 rotor construction, heavy -gauge materials and bearings. Parts

are made of high grade steel. Hydraulically controlled mechanism smoothly repositions arms to a closed position after each passage. The arms rotate easily and is engineered to be extremely quiet. Main indexing cam is fabricated of Delrin for years of maintenance free service. Internal parts are hardened for many years of reliable service. Oil impregnated bronze bushings are used for low maintenance.

1. Operation:
 - a. One Way Operation
 - b. Two Way Operation
 2. Control:
 - a. Mechanically Controlled. Cat. No. HGGM-3000.
 - b. Electrically Controlled. Cat. No. HGGE-3000.
 3. Options:
 - a. Electronic counting
 - b. Card reader interface
 - c. Coin or token interface
 4. Provide with fitting for adjacent rail as indicated.
 5. Rotation:
 - a. Clockwise.
 - b. Counterclockwise.
 6. Finish:
 - a. Galvanized.
 - b. Powder Coat. Color as selected.
 - c. Stainless steel.
- D. Swing Gates Self Closing: Hydraulic arm closure with 90 degree swings in one direction and a unique breakaway safety feature to provide an exit path in case of emergency.
1. Styles:
 - a. Standard single swing gate. Cat. No. 2001, 2002.
 - b. Standard double swing gate. Cat. No. 2003, 2004.
 - c. Custom swing gate.
 - d. Provide with fitting for adjacent rail as indicated. Cat. No. 1016.
 2. Arm Openings:
 - a. 29 inches (737 mm).
 - b. 33 inches (838 mm).
 - c. 36 inches (914 mm).
 - d. Custom size _____.
 3. Finish:
 - a. Bright Chrome.
 - b. Satin Chrome.
 - c. Polished Brass.
 - d. Satin Brass.
- E. Swing Gates Electrically Locking/Unlocking: Hydraulic arm closure with 90 degree swings in one direction and a unique breakaway safety feature to provide an exit path in case of emergency.
1. Styles:
 - a. Standard single swing gate entrance. Cat. No. 2021, 2022.
 - b. Standard double swing gate. Cat. No. 2023, 2024.
 - c. Custom swing gate.
 - d. Provide with fitting for adjacent rail as indicated. Cat. No. 1016.
 2. Arm Openings:
 - a. 29 inches (737 mm).
 - b. 33 inches (838 mm).
 - c. 36 inches (914 mm).
 - d. Custom size _____.

3. Finish:
 - a. Bright Chrome.
 - b. Satin Chrome.
 - c. Polished Brass.
 - d. Satin Brass.
 4. Control Options: Control module operates on 24 volt powered by a 120 VAC receptacle.
 - a. Electronic Counting.
 - b. Electronic for detection.
 - c. Electronic card reader Interface.
 - d. Audible lock and unlock signal.
 - e. Remote control.
- F. Swing Gates Manual Closing: Manual arm closure with 90 degree swings in both directions. Gates are unlocked manually by the customer or a staff member. Unique breakaway feature to provide an exit path in case of an emergency.
1. Styles:
 - a. Standard swing high gate. Cat. No. 2031, 2032, 2033.
 - b. Standard double swing gate.
 - c. Custom swing gate.
 - d. Provide with fitting for adjacent rail as indicated. Cat. No. 1016.
 2. Arm Openings:
 - a. 29 inches (737 mm).
 - b. 33 inches (838 mm).
 - c. 36 inches (914 mm).
 - d. Custom size _____.
 3. Options:
 - a. Key lock and panic release. Cat. No. 2031, 2032.
 - b. Breakaway feature. Cat. No. 2031, 2032.
 - c. Slide locking. Cat. No. 2033.
 4. Finish:
 - a. Bright Chrome.
 - b. Satin Chrome.
 - c. Polished Brass.
 - d. Satin Brass.
- G. Swing Gates Handicap Type: Manual arm closure with 90 degree swings in both directions.
1. Styles:
 - a. Standard single swing gate. Cat. No. 2033.
 - b. Standard double swing gate. Cat. No. 2033.
 - c. Custom swing gate.
 - d. Provide with fitting for adjacent rail as indicated. Cat. No. 1016.
 2. Arm Openings:
 - a. 29 inches (737 mm).
 - b. 33 inches (838 mm).
 - c. 36 inches (914 mm).
 - d. Custom size _____.
 3. Finish:
 - a. Bright Chrome.
 - b. Satin Chrome.
 - c. Polished Brass.
 - d. Satin Brass.
 4. Operation:
 - a. Mechanical latch on moving arm.
 - b. Lockable with panic release.

- c. Remote electrical control.
 - d. 507

- H. Posts and Rails: Railings and posts are modular. Provide in configuration indicated on the Drawings.
 - 1. Posts. Posts are 2-1/4 inches (57 mm) O.D. 16 gauge steel with Bright Chrome plated steel.
 - a. Cat. No. 1011 Post (with no fittings).
 - b. Cat. No. 1013 Double Rail End Post (with two fittings).
 - c. Cat. No. 1014 Double Rail Center Post (with 4 fittings).
 - d. Cat. No. 1015 Double Rail Corner Post (with 4 fittings).
 - 2. Rails: Horizontal rails are 1-3/4 inch O.D. 16 gauge Bright Chrome plated steel and are attached to posts or walls with Turnstile Security Systems Inc.'s fittings.
 - a. 4 foot (1219 mm) pre cut for 48 inch (1219 mm) post centers - Cat. No. 1034
 - b. 5 foot 1524 mm) pre cut for 60 inch (1524 mm) post centers - Cat. No. 1035
 - c. 6 foot (1829 mm) - Cat. No. 1036
 - d. Custom lengths are made to order.
 - 3. Removable Rail: Cat. No. 1034-R, Cat. No. 1035-R is designed to replace a standard #1034 or #1035 Horizontal Rail (45-1/4 inches (1149 mm) long). The finished length must be 1/4 inch (6 mm) longer than the space between the fittings.
 - 4. Provide additional fittings as required by system selected.

- I. Portable Post System:
 - 1. Styles:
 - a. Classic.
 - b. Contemporary.
 - c. Executive.
 - d. Traditional
 - 2. Belting: Nylon belting, 2 meters (6.56 feet) long that retracts firmly back into the head of the post.
 - a. Color as selected from the manufacturers standard colors.
 - b. Provide with printed Company Logo as directed.
 - c. Provide with printed Slogan as selected.
 - 3. Rope: Provide with hook or snap ends. Color shall be as selected from the manufacturers standard.
 - 4. Trim Cap Stickers:
 - a. Provide to match post.
 - b. Provide stickers with custom logo as selected.
 - 5. Finish:
 - a. Bright Chrome.
 - b. Satin Chrome.
 - c. Polished Brass.
 - d. Satin Brass.
 - e. Powder coat finish. Color as selected.

- J. Portable Post System Sign Holders:
 - 1. Styles:
 - a. Classic.
 - b. Contemporary.
 - c. Executive.
 - d. Traditional
 - 2. Trim Cap Stickers:

- a. Provide to match post.
 - b. Provide stickers with custom logo as selected.
- 3. Finish:
 - a. Bright Chrome.
 - b. Satin Chrome.
 - c. Polished Brass.
 - d. Satin Brass.
 - e. Powder coat finish. Color as selected.
- 4. Signs:
 - a. As selected from manufacturers standard signs.
 - b. Custom signs with messages as directed.
- K. Shopping Cart Control: Fabricated of 2-1/4 inch (57 mm) OD, 16 gauge heavyweight chrome plated steel or galvanized for outside cart corral. Provided with chrome plated cover snaps over flange. Provide to configuration indicated on the Drawings.
- L. Accessories: Installation accessories specified in manufacturer's instructions.

PART 2 EXECUTION

2.1 EXAMINATION

- A. Verify that surfaces to receive pedestrian control devices are properly prepared and ready to receive equipment.
- B. Verify wiring and work provided by others is appropriate for the installation. Notify the Architect if conditions are unsatisfactory.

2.2 INSTALLATION

- A. Install pedestrian control devices in accordance with manufacturer's instructions and the approved shop drawings. Comply with ADA requirements as required.
- B. Prepare surfaces to assure a smooth, level and rigid surface.
- C. Set fixed equipment with expansion bolts or other devices in accordance with the approved shop drawing.
- D. Complete wiring in accordance with the approved shop drawings.

2.3 SCHEDULE

- A. Equipment Location Finish Options

END OF SECTION