

## Section 10450 Pedestrian Control Devices

### PART 1- GENERAL

#### 1.1 SECTION INCLUDES

- A. LC-100 Portable Waist High Turnstile

#### 1.2 SUBMITTALS

- A. Manufacturer's descriptive literature for equipment specified including components and accessories. See product brochure.  
B. Shop drawings submitted upon request.  
C. Manufacturer's instructions for assembly and installation.

#### 1.3 REGULATORY REQUIREMENTS (IF APPLICABLE)

#### 1.4 DELIVERY, STORAGE AND HANDLING

- A. Store products of this section in manufacturer's unopened packaging until installation.  
B. Maintain dry, well ventilated storage area for products of this section until installation.

#### 1.5 WARRANTY

- A. All Hayward Turnstiles Inc. products are warranted against defects in material or workmanship for a period of 18 months from date of shipping.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURER

- A. Acceptable Manufacturer: **Hayward Turnstiles Inc.**  
**160-A Wampus Lane**  
**Milford, CT USA 06460**  
**Phone: 203-877-7096**  
**Fax: 203-877-7097**  
**Email: [info@haywardturnstiles.com](mailto:info@haywardturnstiles.com)**  
**[www.haywardturnstiles.com](http://www.haywardturnstiles.com)**

#### 2.2 EQUIPMENT

A. **LC-100 Portable**

- Dimensions:** Height 39"  
Width 24"  
Depth 32" (includes diamond tread plate and wheels)
- Frame:** The main framework shall be manufactured of 10 gauge (0.135) hot rolled carbon steel welded to a 1/4" steel base plate. The finish shall be of tough wear resistant powder coat epoxy paint (black standard).
- Cover:** The cover shall be manufactured of ANSI #304 Stainless Steel with a #4 satin finish.
- Hub and Arms:** The arms shall be manufactured of 1-1/2" diameter ANSI #304 Stainless Steel tube. The arms are to be finished with special hemispherical end caps, welded on for safety, ground smooth and polished for appearance. A bright anodized 6" diameter aluminum hub shall securely hold the three stainless steel arms. The arms will extend 18.5" from inside edge of cabinet.
- Mechanism:** The main mechanism components shall be precision cut by laser from steel, black oxide finished and oil coated for maximum protection. A heavy-duty hydraulic damper

shall be used to ensure smooth rotation of the turnstile arms and a soft return to the home position after every passage. The damper will have a service life of over 10 million cycles. All springs are to be made of stainless steel and carefully rated for a long service life. All shafts to be made from stainless steel and surrounded by bearings or permanently lubricated oil impregnated bronze bushings.

6. **Portable Base:** The portable base shall be manufactured of 5/16" steel diamond tread plate. The finish shall be of tough wear resistant powder coat epoxy paint (black standard). Included will be a 1-1/4" diameter stainless steel guide rail and two 3-1/2" diameter wheels with stainless steel mounting brackets to facilitate moving.
7. **For options see Section 2.3**

### **2.3 OPTIONS**

- A. All waist high turnstiles available clockwise, counter-clockwise or bi-directional passage.
  1. **Resettable Admission Counter:** Counter with large six digit liquid crystal display and powered by a 10 year lithium battery. May be ordered with one or two counters per turnstile.
  2. **Key-Resettable Admission Counter:** Counter with large six digit liquid crystal display and powered by a 10 year lithium battery. Counter resets by turning a key. May be ordered with one or two counters per turnstile.
  3. **Out of Service Lock:** Manually places the turnstile out of service using a key lock.
  4. **Additional Options Available Upon Request.**

## **Part 3 Execution**

### **3.1 EXAMINATION**

- A. Purchaser to install units in accordance with the manufacturers approved drawings and installation instructions.

### **3.2 INSTALLATION**

- A. Prepare surfaces to assure a smooth and level rigid surface.
- B. Set fixed equipment with expansion bolts or other fastening devices. A minimum of 4" depth of fastener is recommended to assure strong holding power.