

SPECIFICATIONS FOR BOON EDAM TOMSED MODEL TUT-60T

PRODUCT DESCRIPTION: BOON EDAM TOMSED MODEL TUT-60T

DELUXE STAINLESS STEEL ELECTRIC COIN /TOKEN TURNSTILE

SCOPE OF OPERATION:

- A. The TUT-60T is designed for admissions control into secure locations through the use of coins or tokens. The opposite direction may be free or locked. The stainless steel cabinet and heavy duty Transit type operating mechanism allows interior or exterior use in the most rugged environmental and operating conditions.
- B. The TUT-60T consists of an operating mechanism with and electronic coin comparitor, stainless steel cabinet, hub and arm assembly.
- C. Overall dimensions are 38" high, 7" wide, 27" long.

MATERIALS: All materials meet the ASTM standards as set forth by the materials industry.

- A. The operating mechanism consists of precision machined, interchangeable parts made out of high quality steel materials. No cast iron parts are used due to softness and excessive wear characteristics. All locking components are hardened to ensure long life and reliable service. Self-centering mechanism automatically returns arms to the basic position regardless of force used to pass through the turnstile. The rotation of the mechanism is cushioned by an aircraft quality hydraulic shock absorber.
- B. The modular mechanism design mounts to a 3/8" thick steel plate, allowing rapid maintenance.

- C. The stainless steel cabinet is constructed from 14 and 16 ga. type 304 stainless steel polished to a #4B finish.
- D. The hub is made from machined aluminum, 5" in diameter, with openings for three arms 120 degrees apart. The hub is clear anodized to protect against oxidation and discoloring.
- E. Arms are fabricated from 1-1/4" dia., 16 ga. stainless steel tubing, type 304. Ends are spun closed, ground and polished smooth. No plastic caps are used.
- F. An electronic coin comparator validates deposited coins and allows entry when the proper coin or token has been provided.

FABRICATION:

- A. The operating mechanism consists of a hardened locking assembly and interchangeable precision fabricated parts using high quality steel materials.
- B. The ratchet is made of machined high quality steel, not soft cast iron or several thin, laminated ratchets as other manufacturers.
- C. Self-centering, sealed, maintenance free main bearing supports shaft and ratchet assembly.
- D. The operating mechanism contains all electrical components, including low voltage 24 VDC power supply, 110 or 220 VAC step down transformers, reset system and access control interface.
- E. Stainless steel cabinet has rounded edges and a sloped cover in order to prevent injuries. There are no exposed fasteners.

- F. Hinged cover is equipped with security cam lock to prevent tampering.

FINISHES:

- A. All fabricated components of the operating mechanism are yellow cadmium plated to ensure long life and prevent oxidation and discoloring.
- B. All stainless steel items are polished to a #4B finish.

OPERATION SPECIFICATION:

- A. The locking and unlocking of the turnstile is accomplished by use of a low voltage, 24 VDC, system. Activation is via a momentary, isolated normally open dry contact closure when a valid coin or token is deposited into the turnstile coin slot.
- B. Electrical controls may be fail-safe or fail-lock. A free or locked exit is available with no impact on entry operation.
- C. Once a direction of passage is opened, it will remain open until the user proceeds through to the other side of the turnstile and the reset system automatically re-locks the turnstile and readies it for the next user.
- D. Turnstiles can be equipped with electric or battery powered registers to count in entrance or exit direction.
- E. Standard operation uses one individual coin or token to release the turnstile for one entry cycle. Multiples of the same coin or token may be used to release the turnstile by adding the coin accumulator option. For example, if a quarter is the coin and the desired fare is 75 cents, the coin accumulator is set to require 3 coins before opening.
- F. Multiple coin acceptance with programmable vend values are also

possible by using a Multi-Mate coin acceptor which allows up to 5 distinct coins or tokens.

AVAILABLE OPTIONS:

- Coin accumulator for 1-10 multiples of the same coin
- Multi-coin operation for up to 5 different coins
- Red and green indicator lights
- Extended arms for larger aisleway
- Remote release pushbutton
- Rotation detection switch
- Foam rubber arm guards
- Key override
- Portable operation with platform, railing and wheels
- Color of choice
- Mechanical counter (resettable or non-resettable)