

SPECIFICATIONS FOR BOON EDAM TOMSED MODEL TUT-65TM

PRODUCT DESCRIPTION: **BOON EDAM TOMSED MODEL TUT-65TM**

STAINLESS STEEL TICKETMASTER ELECTRONIC REGISTERING TURNSTILE

SCOPE OF OPERATION:

- A.** The TUT-65TM combines the functions of a heavy duty, electrically controlled, stainless steel counting turnstile with the ability to scan, collect and store tickets into one unit. Primarily intended for stadiums and arenas, the TUT-65TM improves productivity and allows installation of a Ticketmaster, or similar technology, ticketing system directly into the turnstile. The TUT-65TM is intended for fix mounted, permanent installations with hard-wired electrical connections.
- B.** The TUT-65TM consists of an operating mechanism, stainless steel cabinet, low voltage control electronics, ticket scanning compartment, display enclosure, Ticketmaster electronics mounting area, ticket collection and storage compartment, Ticketmaster reset button and hub and arm assembly.
- C.** The design of the turnstile is such that the Ticketmaster system can easily be added at a later date, with minimum modifications to the original turnstile. The initial installation can be as a simple mechanical turnstile which provides free-wheeling, counting, entry operation. Upon adding the ticketing system, along with electrical power, the turnstile locks and allows one entry cycle per valid ticket.
- D.** Overall dimensions are approximately 40" high, 7" wide, 31" 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, easy maintenance.
- C. The cabinet is constructed from 14 and 16 ga. type 304 stainless steel with heavy duty top cover.
- 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. round stainless steel tubing, type 304. Ends are spun closed, ground and polished smooth. No plastic caps are used.

FABRICATION:

- A. The operating mechanism consists of 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 one mechanical counter which registers each and every rotation of the turnstile.
- E.** Stainless steel cabinet has octagonal rounded front and rear faces with a gradually sloped cover in order to prevent injuries. There are no exposed fasteners or bolts to catch on clothing or other objects.
- F.** Turnstile cabinet includes lockable ticket collection compartment integral to construction. Ticket drop slot in top cover allows ticket collection and storage directly inside turnstile cabinet. A container is included to hold tickets.
- G.** A 12 VDC electronic control system is included to provide normally locked, one entry per valid admission operation.
- H.** A barcode scanning pocket, scanner mounting bracket, display and indicator light compartment, Ticketmaster electronics compartment, access door, rotation detection switch and reset button are included as Ticketmaster integration aids.
- I.** The mechanism is designed to allow either mechanical or electrical entry operation while always permitting free exit. An exit cycle will not cancel out an entry cycle nor affect the entry counter under any circumstances.

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.

OTHER AVAILABLE OPTIONS:

- Key by-pass to allow free-wheeling operation for fail-lock applications
- Extended arms for larger aisle way
- Resettable Counter
- Rotation detection switch for exit cycles
- Protective foam arm pads
- Color of choice
- Water resistant turnstile cabinet cover