

SPECIFICATIONS FOR BOON EDAM TOMSED MODEL TUT-50R

PRODUCT DESCRIPTION:

BOON EDAM TOMSED MODEL TUT-50R

ENTRY-GARD REGISTERING TURNSTILE

SCOPE OF OPERATION:

- A.** The TUT-50R is designed to count patron traffic flow while either barring, or allowing, a free egress. The simple and reliable operating mechanism ensures an accurate count, provides trouble-free service and ease of maintenance for many years.
- B.** The TUT-50R is designed for any application where the accurate and reliable counting of patrons is required. Typical applications include stadiums, arenas, amusement parks, theaters and similar installations.
- C.** Overall dimensions are 37" high, 7" wide, 18" long.
- D.** Weights: 95 lbs. for a fixed mount and 160 lbs. for portable with platform and railing.

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.** All mechanism components mount directly to the mechanism housing.
- C.** Two pedestal materials are available: powder coated steel or polished stainless steel. The pedestal is an open frame construction, manufactured of 3/16" thick carbon steel or 1/8" thick stainless steel. The base plate is 1/4" thick carbon steel or 1/4" thick stainless steel, depending on the pedestal material. Three 1/2" mounting holes are included.
- D.** The mechanism housing can also be in two different materials, powder coated carbon steel, 3/16" thick (more than other manufacturers .105" thickness) or 1/8" thick polished stainless steel. The housing attaches to the pedestal by four concealed 5/16" x 1" hex head bolts.
- E.** 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.
- F.** 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.
- G.** Mechanism housing cover fabricated from 16 gauge stainless steel, type 304.
- H.** Stainless steel safety plate constructed from 16 gauge stainless steel type 304.

FABRICATION:

- A. The operating mechanism consists of a hardened 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 aided by heavy springs fabricated from precision spring steel.
- D. Self-centering, sealed, maintenance free main bearing supports shaft and ratchet assembly.
- E. The operating mechanism contains one mechanical counter which registers each and every rotation of the turnstile. A second register to count exits is an available option. Resettable counters are also available options.
- F. Mechanism housing, pedestal and stainless steel cover have rounded edges to prevent injury.
- G. All exposed fasteners are concealed by smooth stainless steel safety plate.
- H. Stainless steel cover is equipped with two security cam locks to prevent register and mechanism tampering.
- I. Portability is achieved via an optional platform, railing and wheels. Platforms are fabricated from 3/8" thick steel plate covered by 1/8" thick diamond plate. Railing is 1-1/2" dia. stainless steel or aluminum, 3" rubber casters are used as wheels to facilitate moving.

FINISHES:

- A. All fabricated components of the operating mechanism are yellow cadmium plated to ensure long life and prevent oxidation and discoloring.
- B. The mechanism housing and pedestal are painted with a durable, baked on black texture powder coating, not a fragile, air dried enamel. Other colors are available. Optional construction is type 304 stainless steel.
- C. All stainless steel items are polished to a #4B finish.

AVAILABLE OPTIONS:

- Portable feature includes non-skid steel diamond plate, and stainless steel railing
- Wheels to facilitate moving
- Hand control to lock turnstile while viewing tickets
- Out-of-use lock to lock turnstile while not in use
- Second register to count exits
- Color of choice
- Extended arms for larger aisleway
- Rotation detection switches for remote electronic counting system
- Matching deluxe ticket box
- Foam rubber arm guards
- Key override