

THT-100(4) Four Section Full Security Turnstiles



Where Security is a Tall Order

Boon Edam's THT-100(4) turnstiles are ideal for high-security, sensitive areas, indoors or out. The full-height turnstiles feature four rotor sections that allow only 90-degree of entry area. The smaller passage space helps eliminate "piggybacking" and property removal.

The THT-100(4) series of full security operated turnstiles are designed for applications where unsupervised security and access control are desired. Mechanism can be mechanical or self-centering and electrically operated. They can operate with one direction controlled and the opposite direction free

or locked – or with both directions controlled. The electronic control boards will interface with any access control device. Turnstiles can be supplied fail-safe, fail-lock or any combination to meet your specific requirements. Available in a variety of finishes so you can choose the model that suits your needs.

THT-100C(4) – Hot-dipped galvanized steel • THT-100CP(4) – Powder coated steel

THT-100A(4) – Anodized aluminum with stainless steel arms • THT-100S(4) – Complete stainless steel



Your **Security.** Our **Solution.**

Security Access

Construction

- Turnstiles consist of rotor assembly, shield assembly, barrier section, mechanism housing and ceiling plate
- Designed to withstand tough conditions, all materials used in fabrication meet ASTM standards
- Open construction shield assembly design eliminates "claustrophobic" effect and allows visual security
- Sealed top and bottom bearings ensure free and easy rotation, even in challenging environments; sealed-thrust type bottom bearing is waterproof, dust proof and self-lubricating
- Rotor assembly includes four rotor posts, each with 12 arms spaced 5 ¼" apart (too close to allow "crawl-through")
- Standard self-centering feature automatically returns rotor assembly to home position after each pass, regardless of force used to pass through

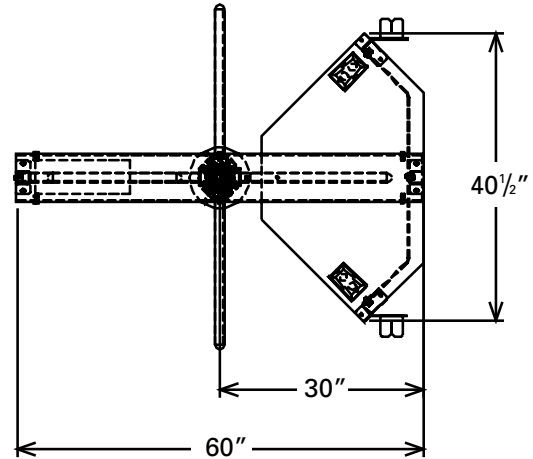
Features & Options

Characteristics	Std	Opt
Fail-lock or Fail-safe [for electrical direction(s)]	•	
Free or Locked Exit [for mechanical direction]	•	
Two-way Independent Controls	•	
Transformer Step-down – from 110 or 220 VAC	•	
Complete Stainless Steel Construction [TUT-100S(4)]	•	
Pulse Relay (recommended)		•
Time-Out Relay		•
Rotation Detection Switch		•
Remote Pushbutton		•
Hydraulic Speed Control – heavy duty shock system for high-volume applications		•
Solenoid Activation Switch		•
Electronic Key Bypass - holds turnstile open, overriding card reader		•
Mechanical Key Bypass - keeps fail-lock open during power failure		•
Red & Green Indicator Lights		•
Home Position Switch		•
Heel Protectors - heavy duty foam rubber sleeves for bottom arms		•
Full Circular Stainless Steel Ceiling Canopy		•
Card Reader Mounting Plate		•
Powder Coated Color (RAL ref) Choices		•
Out-of-use Lock		•

Dimensions

Model	Height	Width	Depth	Shipping Wt.
THT-100(4)	84"	60"	50"	600 lbs.
THT-100E(4)	86"	60"	50"	600 lbs.

THT-100(4) FOOTPRINT



Technical Characteristics

- Clutch assembly has hardened steel five-tooth ratchet for one-way traffic control (two-way rotation also available)
- Standard self-centering feature automatically returns rotor assembly to home position after each pass, regardless of force used to pass through
- Mechanism housing constructed from structural aluminum channel – all mechanical components are attached to channel

ELECTRICAL MODELS

- All electrical controls are low voltage 24 VDC
- Heavy duty electro-mechanical ratchet and pawl operating mechanism restricts passage
- Interface with any reader or other access control device
- Transformer provides voltage step down from 110 VAC or 220 VAC
- Normally open, momentary contact closure required to activate turnstile

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