

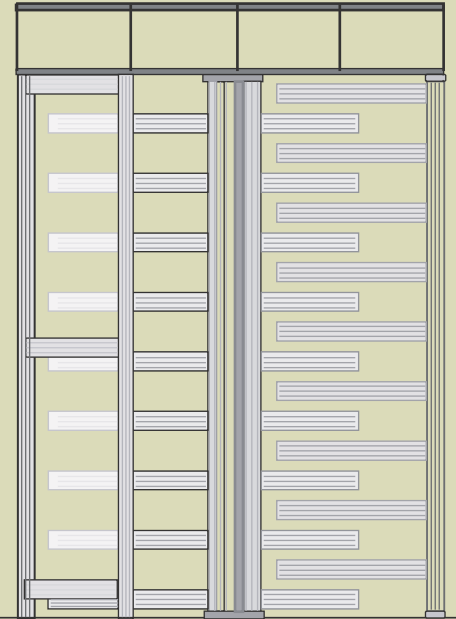
Full Height Turnstile

Full Height Series

Designed for use in indoor and outdoor applications where high security and high pedestrian traffic are a priority. The Full Height Turnstile provides a true barrier to restrict travel in a controlled or restricted area. These units will control high throughput traffic flow of up to 20 people per minute per turnstile.



Full Height Series



FEATURES & BENEFITS

- Lightweight Removable Control Mechanism
- Field Selectable for Fail Safe or Fail Secure Operation
- Outdoor Rated
- Easy to Assemble
- Linear Action Centering
- Shock Absorption at all Impact Points
- Slide Door Service Access
- Large Block Terminals for Field Connections
- 1 1/8" thick Hard Coated Ratchets with 1" thick Hard Coated Pawls
- Red/Green LED Indicator Lights for Each Direction of Passage
- Padded Heel Protection

DSI[™]
DESIGNED SECURITY, INC.
A Detex Company

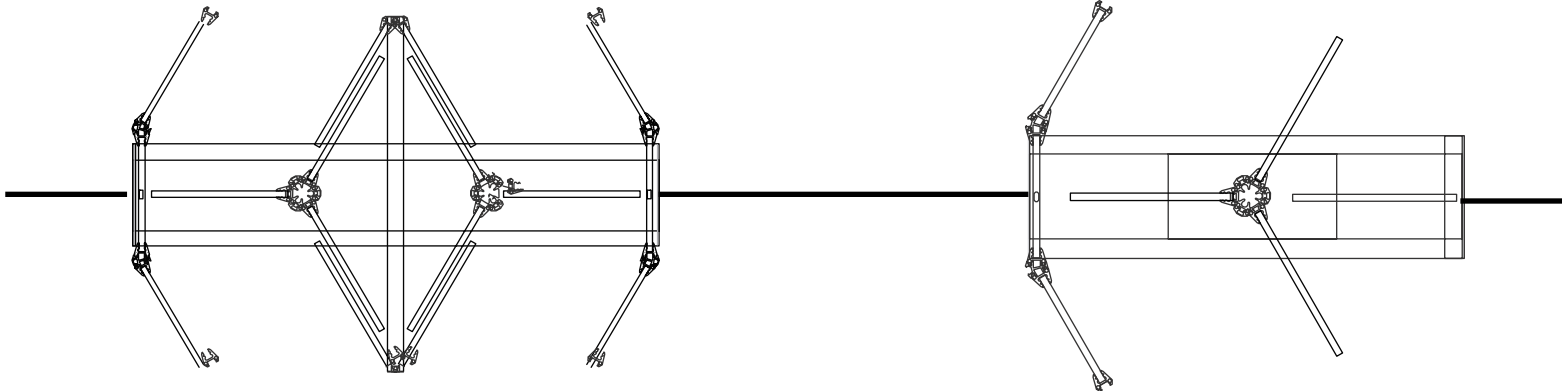
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Full Height Turnstile - Typical Applications

SECURE SIDE

DUAL SPINDLE

SINGLE SPINDLE



UNSECURE SIDE

ELECTRICAL SPECIFICATIONS

Power:	115 Vac @ 40w
Solenoids:	24 Vdc @ 14 W
Control Boards:	20VAC Input,5A Contacts Independent Controller for each Direction of Turnstile Rotation Fail-safe / Fail Secure Switch Processor Control Logic Accept Momentary (1sec or less) Dry Contact Closure to Activate Timed Auto Re-Lock Turnstile When Not In Use

MECHANICAL SPECIFICATIONS

Passageway:	28" X 80" h Clear passage Anodized Aluminum Frame with Clear Polycarbonate Scratch Resistant Panels Auto Alignment Extrusions for Positive Installation Location No Gaps Between Panels
Spindle Section:	Full Height Center Column with Positive Alignment for Arm Sections Decorative Filler Extrusions between Spindle Arm Sections
Spindle Arm Sections:	9 Arms Pre-assembled and Locked into Vertical Retainer Auto Position and Locking Locator Pin Holes,Top and Bottom
Barrier Section:	9 Arms Pre-assembled and Locked into Vertical Retainer
Ceiling Plates:	1/8" Anodized Aluminum Plates Prevent Crawl Over
Header and Cover:	Provided in Sections for Easy Assembly Light Weight Sliding Lockable Access Panels Access for Removal of Control Mechanism
Controller Mechanism:	8" O.D.x 1-1/8"t Ratchets 1-1/2"w X 1"t Pawls Shock Absorbing Bushings in Ratchets and Pawls Shock Absorbing Mounting for Mechanism Linear Acting Self Centering Hydraulic Energy Absorber at end of each Cycle Self Aligning Solenoids Quick Change Configuration (fail-safe, fail secure)
Standard Safety Features:	Red/Green LED Indicator Lights for Each Direction of Control Padded Heel Protection Home Position Centering of Spindle Arms
Size:	Single - 63" (L) x 63" (W) x 90." (H) Double - 63" (L) x 96" (W) x 90." (H)

CRITERIA FOR DESIGNING A MECHANICAL TURNSTILE SYSTEM

1. Determine the number of turnstiles required based on the desired pedestrian throughput and space availability. A conservative estimate of pedestrian throughput is twenty (20) people/min, 1200/hr, per walkway. This figure assumes the use of a fast response (1/4 sec.) card reader system.
2. Allow 63" width for single turnstiles and 96" width for double turnstiles.

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