

Full Height Turnstile

DS400 High Security Series - Tandem

Interior & Exterior Application

Designed Security, Inc. offers the most reliable full height turnstiles available. The High-Security Series can be engineered to meet all your security and control requirements, and can be used as stand-alone units, or as part of an integrated system. Available in stainless steel, powder coat or a hot-dipped galvanized finish, these units can be fitted for any application with leading edge technology and features.



FEATURES AND BENEFITS

- Your choice of galvanized carbon steel, polyester enamel or 304 stainless steel
- Automatic indent Feather-Touch action that includes shock suppressor technology and a non-entrapment design
- Fail-Open or Fail-Secure locking
- Minimal exposed hardware
- Meets ASTM standards
- Aesthetically pleasing



DS400 Series Tandem

Size Options

	Depth	Width	Passage Width	Passage Height	Overall Height
	A *	B *	C *	D *	E *
DS427-T	59.375" 1508mm	94.250" 2394mm	27" 686mm	84" 2134mm	91" 2311mm
DS430-T	62" 1575mm	102" 2591mm	30" 762mm	84" 2134mm	91" 2311mm

* See CAD drawings on reverse side

DSI[®]
DESIGNED SECURITY, INC.
Building Security

Designed Security, Inc.
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Applications:

Ideal for controlling orderly flow of foot traffic in both indoor and outdoor settings.

Product Features:

Materials and Finishes available in your choice of:

- Hot dipped galvanized carbon steel
- Polyester enamel on carbon steel (standard color is black / other colors available upon request)
- Our signature 304 Stainless Steel / No. 4 satin finish

Design & Construction:

- Designed for secure operation with aesthetics in mind.
- Featuring fully welded exterior components
- Minimal exposed hardware
- Heavy gauge materials meeting ASTM standards

Controller &

Access Control Operation:

- Self-centering control head with adjustable hydraulic shock suppression
- Hardened tool steel locking bars, cam and roller assemblies
- Permanently lubricated bearings
- All units are available in clockwise, counter-clockwise or bi-directional passage

Measures:

DS427-T

Size of Opening (Pedestrian Clearance)

DS427-T 27" (686mm)

Arm and Barrier Tubing Sizes

(DS427-T & DS430-T):

- Standard: 1 1/2" (38.1mm) diameter 14 gauge
- Optional: 1 3/4" (44.4mm) diameter 14 gauge (16 gauge – Stainless Steel models)

DS430-T

Size of Opening (Pedestrian Clearance)

DS430-T 30" (762mm)

Arm and Barrier Tubing Sizes

All Models:

Overall exterior height 91" (2311mm)

Pedestrian walk through height 84" (2134 mm)

Options:

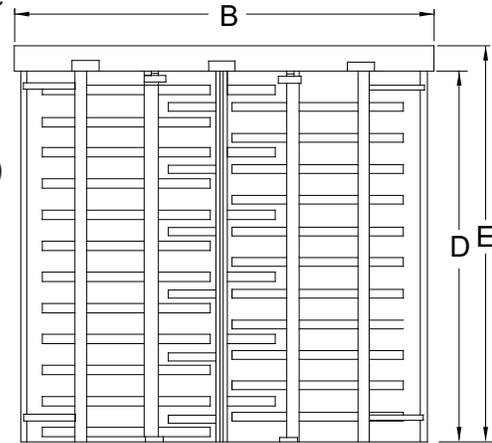
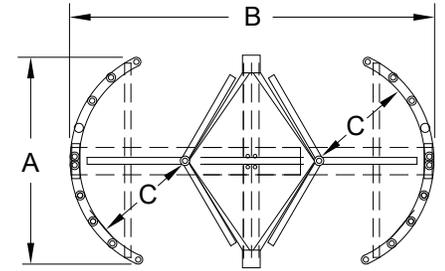
- Manual key override - both directions
- Integration with card readers, computer attendance systems, coin and token acceptors, push buttons, wireless remote controls and metal detectors
- Tri color LED
- Additional options available on request

Matching Swing Gates available

(see model DS336 & DS348 Manual Passage Gate information)

Warranty:

Units are warranted against defects in materials and workmanship for a period of one year from date of invoice.



Dimensions are approximate, based on chart on reverse side.

Electrical Specifications:

Input voltage: 100-240 VAC

Input current: 1.3 - .55 A

Frequency: 50/60 Hz

Storage Temperature: -40 to 158°F (-40 to 70°C)

Operating Temperature: -4 to 131°F (-20 to 55°C)

(cold weather package available)

Operating voltage: 24VDC

Operating current: 1.2 A (typical)

Standards and Codes:

Austenitic stainless steel:
ASTM A240, A249, A276

Hot rolled steel:
AISI C-1020, AISI C-1018

Hot dipped galvanizing:
ASTM A-143, ASTM A-153-80

Stainless steel fasteners:
ASTM A-320

American Welding Society (AWS)
Standard D 1.1



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