

Full Height Turnstile

DS400 High Security Series - Single

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.



DS400 Series Single



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

Size Options

	Depth	Width	Passage Width	Passage Height	Overall Height
	A *	B *	C *	D *	E *
DS427-S	57.375" 1457mm	62" 1575mm	27" 686mm	84" 2134mm	91" 2311mm
DS430-S	59.250" 1505mm	66" 1676mm	30" 762mm	84" 2134mm	91" 2311mm
DS439-S	76" 1930mm	84" 2134mm	38.5" 978mm	84" 2134mm	91" 2311mm
DS448-S	96.187" 2443mm	106" 2692mm	49.319" 1253mm	84" 2134mm	91" 2311mm

* See CAD drawings on reverse side

DSI[®]
DESIGNED SECURITY, INC.
Building Security

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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-S

Size of opening (pedestrian clearance)

DS427-S 27" (686mm)

Arm and Barrier Tubing Sizes

1 1/2" diameter 14 gauge (38mm) - Standard

1 3/4" diameter 14 gauge (44mm) - Optional

Width	Depth
62" (1575mm)	54" (1372mm)

DS430-S

Size of opening (pedestrian clearance)

DS430-S 30" (762mm)

Arm and Barrier Tubing Sizes

1 1/2" diameter 14 gauge (38mm) - Standard

1 3/4" diameter 14 gauge (44mm) - Optional

Width	Depth
66" (1676mm)	56" (1422mm)

Measures: (continued)

DS439-S

Size of opening (pedestrian clearance)

DS439-S 39" (991mm)

Arm and Barrier Tubing Sizes

1 3/4" diameter 14 gauge (44mm)

Width	Depth
84" (2134mm)	68" (1727mm)

DS448-S

Size of opening (pedestrian clearance)

DS448-S 48" (1219mm)

Arm and Barrier Tubing Sizes

1 3/4" diameter 14 gauge (44mm)

Width	Depth
106" (2692mm)	93" (2362mm)

All Models:

- Overall exterior height 91" (2311mm)
- Pedestrian walk-through height 84" (2134mm)

Options:

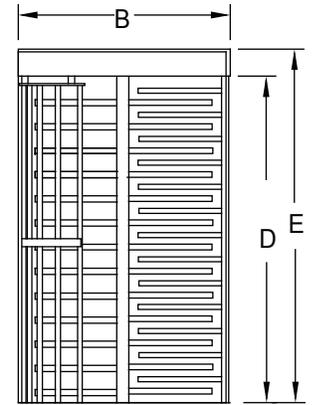
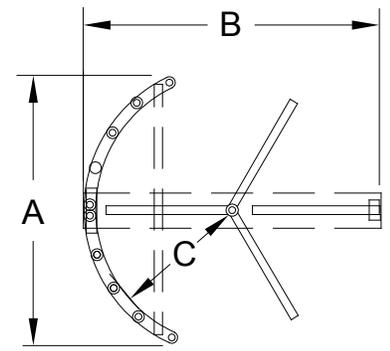
- Manual key override - both directions
- Integration with card readers, computer attendance systems, coin and token acceptors, push buttons, wireless remote controls and metal detectors
- Tri color LED
- Additional options available on request

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, ASTN A-153-80
 Stainless steel fasteners:
 ASTM A-320
 American Welding Society (AWS)
 Standard D 1.1



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