

# 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.



### 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 Single

### Size Options

	Depth	Width	Passage Width	Passage Height	Overall Height
	A *	B *	C *	D *	E *
DS427-S	57" 1448mm	62" 1575mm	27" 686mm	84" 2134mm	91" 2311mm
DS430-S	59.1" 1501mm	66" 1676mm	30" 762mm	84" 2134mm	91" 2311mm
DS439-S	75.4" 1915mm	84" 2134mm	39" 990mm	84" 2134mm	91" 2311mm
DS448-S	95.8" 2433mm	106" 2692mm	48" 1219mm	84" 2134mm	91" 2311mm

\* See CAD drawings on reverse side

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# DS400 High Security Series (Single)- Interior & Exterior Application

## 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:

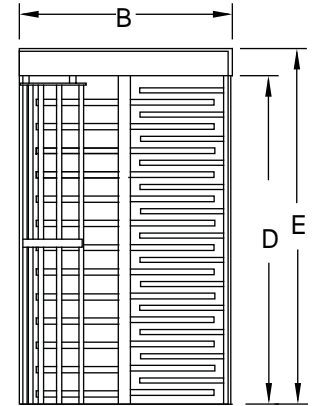
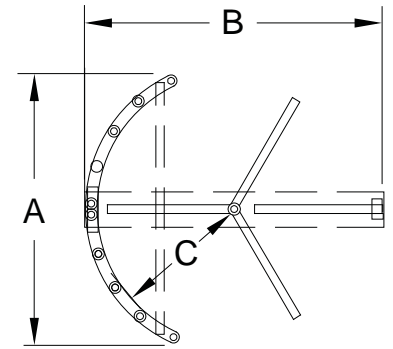
- Overall exterior height 91" (2311mm)
- Pedestrian walk-through height 84" (2134mm)

## 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
- Electronic 6 digit resettable counter with LCD display and ten-year lithium battery
- Vertical Graphic Array (VGA) red x / green arrow
- Additional options available on request

## Matching Swing Gate available

(see model DS336 Manual Passage Gate information)



## Electrical Specifications:

Command Module input 110-240 VAC (2 amp-1 amp) 50-60 Hz; control voltage 24 VDC.

All electrical components are UL recognized and CSA certified

## 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

## Warranty:

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

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