

# Waist High Turnstile

## DS500 Series

Interior and Exterior Application

The DS500 Series is made for years of reliable service in high traffic/high volume applications like stadiums, convention centers, landmarks and military bases. The cabinets are constructed of heavy 14-gauge, 300 series satin stainless steel and feature our 6500 Series Control Head (with auto indexing and shock suppression technology). The DS500 is the ticket to managing large crowds with reliability and speed.



**DS500 SERIES**



### FEATURES AND BENEFITS

- Bidirectional key overrides
- Daylight visible indicator lights
- 8 digit key resettable LCD counter with seven year lithium battery
- Rubber arm covers
- Coin/token acceptor
- Bill acceptor
- Ticket drop box
- Additional options available on request

**DSI**<sup>®</sup>  
DESIGNED SECURITY, INC.  
*Building Security*

1402 Hawthorne St.  
Bastrop, TX 78602  
Voice: 1-800-272-3555  
Fax: 1-512-321-9181  
E-mail: [dsi@dsigo.com](mailto:dsi@dsigo.com)  
[www.dsigo.com](http://www.dsigo.com)

# DS500 Series - Interior and Exterior Application

## Applications:

This series is made for years of reliable service in high traffic / high volume environments like stadiums, convention centers, amusement parks, landmarks and military bases.

## Product Features:

### Cabinets are finished in:

- Our signature 304 stainless steel/ No. 4 satin finish

### Design & Construction:

- Designed for secure operation with aesthetics in mind
- Cabinet inner and outer shells are constructed of (14 gauge) 304 stainless steel/No. 4 satin finish
- Arms constructed of 1-5/16" (33mm) diameter (12 gauge) stainless
- Hub 4-1/2" (114mm) o.d. also made from stainless
- Minimal exposed hardware

### Measures:

- Height: 37" (940mm)
- Width (standard): 27.25" (692mm)
- Width (-C/-T): 33.25" (845mm)
- Depth: 8.625" (225mm)

## Operation:

### Control Head, featuring:

- Auto-indexing (self-centering) with adjustable hydraulic shock suppression
- Hardened tool steel locking bars, cam and roller assemblies
- Permanently lubricated bearings
- Your choice of manual or electronic control on both directions
- Nearly universal integration to any number of access control systems
- Your choice on each electronic direction of locking or unlocking on power failure

### Options:

- Bidirectional key overrides
- Daylight visible indicator lights
- 8 digit key resettable LCD counter with seven year lithium battery
- Rubber arm covers
- Coin/token acceptor
- Bill acceptor
- Ticket drop box
- Additional options available on request

## Electrical Specifications:

Input Voltage: 100-240 VAC  
Input Current: 1.3 - .55 A  
Frequency: 50/60 Hz  
Storage Temperature: -4 to 158 °F  
Operating Temperature: 32 to 122 °F  
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

## Warranty:

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

## Matching ADA Gate available

DS500-ADA with optional motorization is available for the executive series.

