



SPEED GATE TURNSTILE

HG - 400 - H | HG - 400 - D

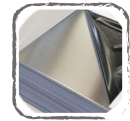
SERIES

HG-400 Series are durable products that can be used indoors. Provides access and access control in areas requiring moderate security. With its compact design, it provides the perfect solution for assembly areas where aesthetics and elegance are important.

Barrier arm movement is provided by the 400W Servo motor with PLC control. Eight optical sensors in the turnstile provide control of access control scenarios. Speed Gate Turnstiles are suitable for intensive use. It is the perfect solution when architectural design, aesthetics and transition speed are important.

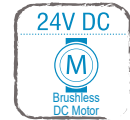
Design

- ▶ The main body of the turnstile is made of 304 stainless steel and the wings are made of 15 mm plexiglass and 25 mm polyurethane material.
- ▶ Stain case design with smoothened corner.
- ▶ All other parts in turnstile are electro-galvanized against corrosion.



Safety

- ▶ Obstacle movement of the wings is provided by PLC controlled "Brushless DC Motor".
- ▶ Heavy duty mechanics, controlled by reliable electronics ensure a long product life with minimum maintenance requirement.



Integration

- ▶ Easy integration with all access control equipment through functional electronic control board (For example: RFID Device, Button Control, Finger Print and Biometric Device)



HG - 400 - H



Hybrid Double Wing

- ▶ Turnstile main body is 304 stainless steel.
- ▶ The top cover is made of black glass with 10mm tamper.
- ▶ Configured as:
 - * Master / Center Unit and
 - * Slave / Center Unit
 Provides one 550 mm wide and one 900 mm wide Passages at each side together with corresponding standard and disabled wings

HG - 400 - D



Disabled Single Wing

- ▶ Turnstile main body is 304 stainless steel.
- ▶ The top cover is made of black glass with 10mm tamper.
- ▶ Configured as:
 - * Master / Starting Unit or
 - * Slave / Ending Unit
 Provides one 900 mm wide passage together with corresponding standard wing.





Main Body

Material	AISI- 304 - Stainless Steel - Scotch Brite	304
Top Cover	10 mm tempered glass (Upper surface of plexiglass)	
Inner Case	Reinforced with 6 mm horizontal galvanized metal bars to increase strength.	
Wings	10 mm tempered glass (Opt. Logo Printing)	
Standard Dimensions (W x L x H)	19 x 140 x 100 cm (HG-400-D) - 26 x 140 x 100 cm (HG-400-H)	
Standard Passageway Width	550 mm (Passage Area : 250 mm + 50 mm + 250 mm)	
Wing Height	120 cm to 150 cm	



Electrical Parameters

Operating Voltage	110 - 240V AC 50/60 Hz (+/- %10)	
Max Current / Power Consumption	5A / 250W	
Mean Cycles Between Failure (MCBF)	15 M Cycles	

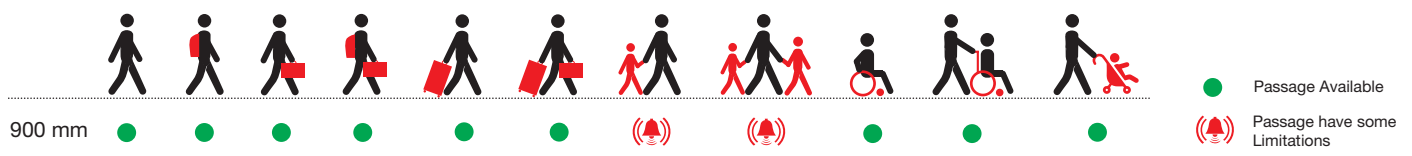


Function Working

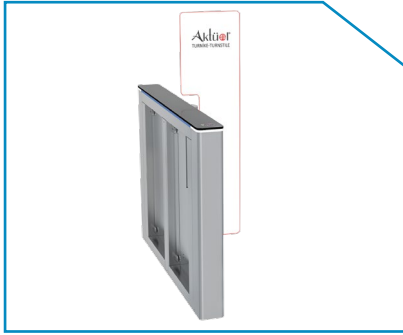
Control Systems	All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs	
Output Data (Feedback)	The systems provides dry contact, NO - Normally Open, entry - exit passage feedback by relays	
Movement Mechanism	400W Servo Motor	
Sensor Control	8 point (pairs) IR sensor control for N/O mode, sequential (switching) passage feature for N/C mode. The system continuously monitors the status of the corridor and gives alarm in several cases.	
Electronic Control Unit / Communication	PLC control unit / RS 232 (Need PC Systems hardware serial port)	
Gate Open - Close Rate / Time out Delay	0,5 - 1, 5 second / Adjustable ; Operating Modes	
Flow Rate	30 Person - Passage / Minutes / Normally Standard* (*The use of different access control units may result in a change in the transition speed.)	
Working Environment - IP Rating	Indoor - IP 44	
Operating Temperature / Humidity	-20° C / + 68° C - 0 / + 45° C (RH 95% not-condensing)	
Occupancy Monitoring	When a user occupies the lane without flushing a card, systems gives alarm after an adjustable time.	
Anti - Tail - Gating	When an unauthorized access attempt is made right after a valid access, system will give alarm and block access right after the valid passage (alarm/block access configurations are adjustable)	
Position Detection	Position of the obstacle wings are continuously detected by servo motor	
Side Led Stripes	Passage Free - Green / Passage Closed - Red / Standby - Blue	
Passage Direction	Bi-Directional operation feature. Entrance-Exit	

Number of Passage Lanes	Single Unit	Double Unit
Wing Movement	Wings Retracting into Body Linear Movement System	Swing Wing Movement

Access Specifications



Logo Printing



- ▶ Personalized graphics engraving with laser on obstacles are provided on demand.

Installation Platform



- ▶ Ease of modular installation with anti-skid bottom platform.
- ▶ Front and rear ramp system for easy access.
- ▶ Ease of transportation with forklift unit.

Button Control Unit - Independent



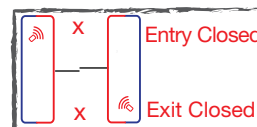
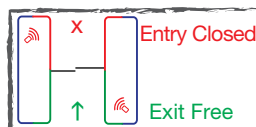
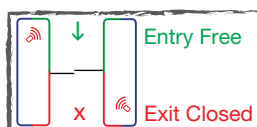
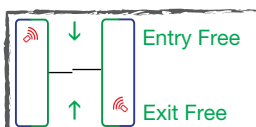
- ▶ BT-1 and BT-2 type options, usually used in security booths or security rooms, for remote control of "In, Out, Emergency" modes.

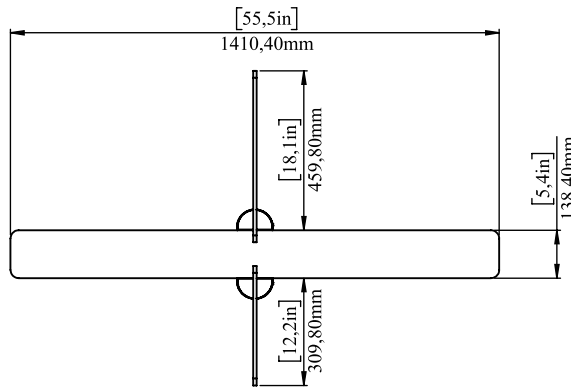
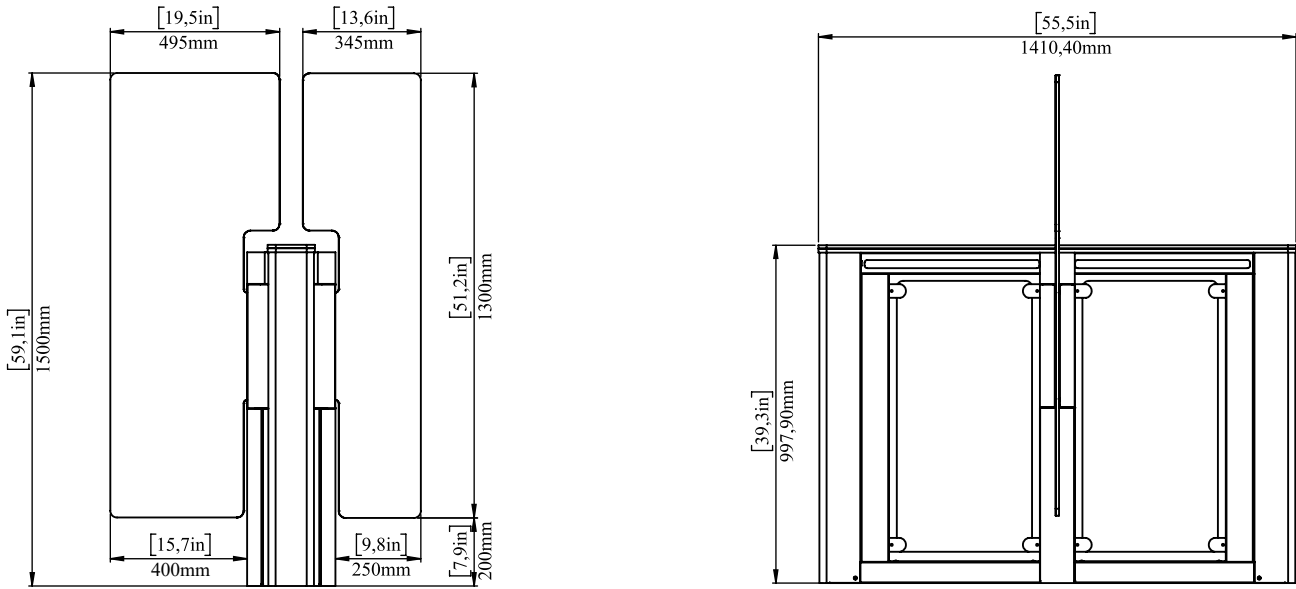
Access Control Device Adaptation Applications



- ▶ Card Pass Readers
- ▶ Finger Print, Biometric Device
- ▶ Barcode Reader

Operation Modes





HG 400-S

HG 400-H

HG 400-D

