



# FULL HEIGHT TURNSTILES GF-8800 Series

GateSet **Secure Line** GF-8800 Series Double Full Height Turnstiles are robust products designed to function both indoor and outdoor environments, providing pedestrian access control in areas requiring high level of security. Cage type structure manufactured from heavy gauge steel enhances the strength of the GF-8800 Series to withstand against crowd pressure. Its heavy duty mechanics ensure smooth operation during the control of thousands of pedestrians at one session successively. With proven ability to handle massive crowds in places like subways or stadiums, GF-8800 Series Double Full Height Turnstiles ensure robust solutions for crowd control.

SecureLine GF-8800 Datasheet v.2.0

## Functional Highlights



**Electromechanical**



**Bidirectional**



**Indoor/Outdoor**



**Security / Comfort**



**30 Passages / min**

## Usage Areas

**Access Control**

- Stadiums
- Prisons
- Military Sites
- Government Offices
- Embassies
- Airports
- Underground Car Parks
- Industrial Areas

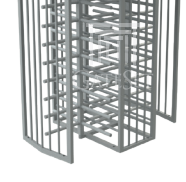
## Featured Characteristics

- Heavy Duty** - Designed for intense industrial usage with 100% duty cycle and heavy gauge mechanics
- Flexible** - Ease of integration with all access control equipment through its electronic control card
- Secure** - Cage type case ensures maximum security
- Strong** - Effective crowd control with huge strength to impact, enhanced by 12 different mounting points
- Reliable** - Low maintenance requirement, long product life

## Products in this Series

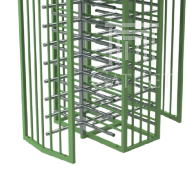
**GF-8800**

- Main Body and Frame: Powder Coated
- Arms and Rotor: Powder Coated
- RAL Color Options Available: 6018, 5002, 7001, 7040, 7032
- Recommended For: \* Indoor - Low Moist Outdoor



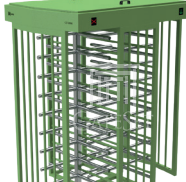
**GF-8820**

- Main Body and Frame: Powder Coated
- Arms and Rotor: 304 Grade Stainless Steel
- RAL Color Options Available: 6018, 5002, 7001, 7040, 7032
- Recommended For: \* Indoor - Moist Outdoor



**GF-8830**

- Main Body and Frame: Powder Coated
- Arms and Rotor: 316 Grade Stainless Steel
- RAL Color Options Available: 6018, 5002, 7001, 7040, 7032
- Recommended For: \* Indoor - Very Moist and Highly Corrosive Outdoor



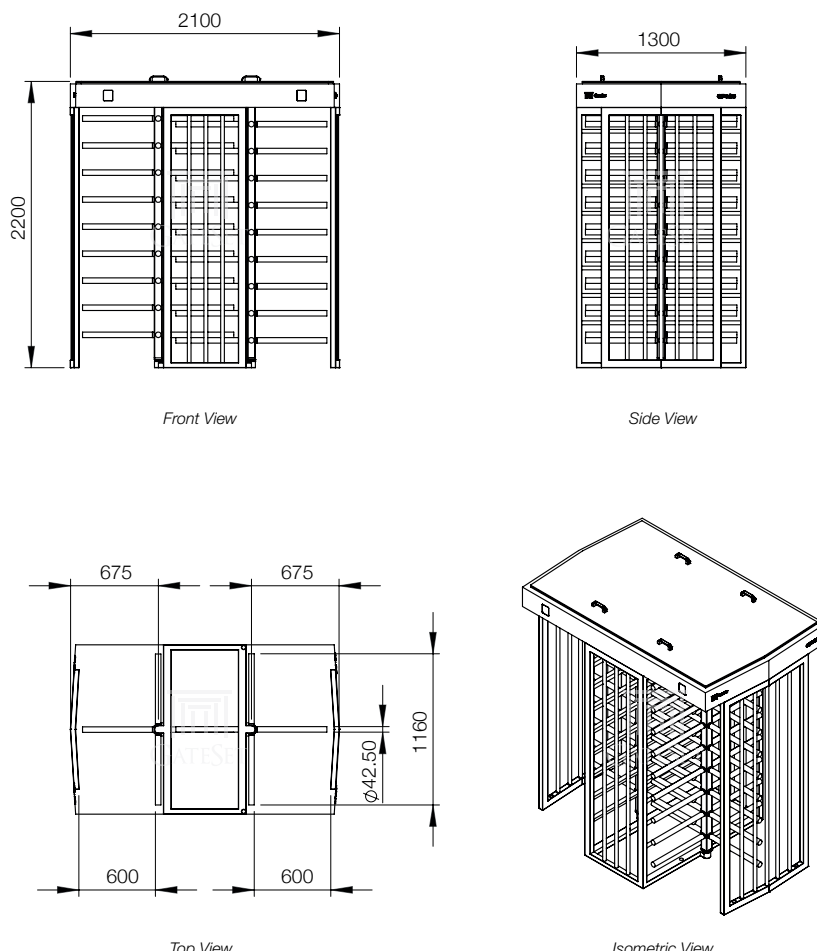
**GF-8840**

- Main Body and Frame: 304 Grade Stainless Steel
- Arms and Rotor: 304 Grade Stainless Steel
- RAL Color Options Available: 6018, 5002, 7001, 7040, 7032
- Recommended For: \* Indoor - Moist Outdoor



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## Drawings and Dimensions



## Technical Specifications

**MATERIAL - MAIN BODY**

GF-8800 / GF-8820 / GF-8830: Electrostatic Powder Coating on Steel

**MATERIAL - ROTATING ARMS**

GF-8840: 304 Stainless Steel - Satin Finishing

**TREATMENT - OTHER PARTS**

GF-8800: Electrostatic Powder Coating on Steel

**DIMENSIONS (mm)**

GF-8820 / GF-8840: 304 Stainless Steel

**PASSAGE WIDTH (mm)**

GF-8830: 316 Stainless Steel Polished Finishing

**OPERATING VOLTAGE**

All other parts are coated against corrosion

**NOMINAL / MAX. CURRENT**

2100 x 1300 x 2200 (WxLxH)

**POWER CONSUMPTION**

612 (per passage)

**OPERATING TEMPERATURE**

220V / 50Hz

**ACCESS CONTROL**

250 mA / 850 mA (per passage)

**POSITION DETECTION**

30 W (per passage)

**PASSAGE ACKNOWLEDGMENT**

-20 °C / + 70 °C

**WARNING INDICATORS**

Microprocessor based control for granting access.

**OPERATION MODE**

Easy integration with all kind of access control equipment

**DIRECTIONAL MODE**

Position detection with two separate micro-switches at mechanics

**ROTATION CONTROL**

Provided by 4 pieces of optical passage sensors controlled with PLC (optional)

**CAPACITY**

Two separate warning indicators at front and rear sides of the gate.

**DESIGN**

Green arrow indicates "Passage Open", Red cross indicates "Passage Closed"

**OPERATION SAFETY**

Unidirectional and Bidirectional operation features as "Only Entrance", "Only Exit", "Entrance and Exit"

**MANUAL OVERRIDE**

Self-centered and smooth operation by means of spring and hydraulic damper

**ELECTRICAL FAILURES**

Handling more than 30 passengers per minute

**WARRANTY**

While Cage type design enhances security, its modularity ensures easy part replacement

**Electrical and mechanical safety for all components,**

To avoid injuries, all corners and sides are rounded

**ENTRANCE AND EXIT**

Entry and Exit Manual Override option with locked switch cabinet (optional)

**MAIN MECHANISM**

Main mechanism released and unlocked automatically. Arms rotates free.

**ISO 9001:2015, CE**

ISO 9001:2015, CE

**2 Years**

2 Years

\* Subject to change depending on design or project needs without prior notice

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## Optional Features



### Manual Override Box

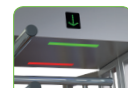
Placed at the secure side of the roof within a locked compartment, Manual Override Box provides ease of passage mode configuration for authorized security personnel. Available optionally, this feature comes as default in "-T" configuration



### Passage Tracking Sensors

In order to acknowledge physical passage of the user, passage tracking feature is provided with passage sensors, which are located at 4 different points through the passage. Available optionally, this feature comes as default in "-T" configuration

## Optional Accessories



### Top Panel LED Lighting

A more visible passage indication is provided with LED Lights placed both at entry and exit sides.



### Top Panel Spot Light

For remote areas with low or no illumination, passage enlightenment is available with spot lights



### Stand Alone Card Reader

For sites without Access Control System, different types of stand-alone card readers are available.



### Button Control Unit

Designed for guard rooms, provides ease of operation for security personnel.

## Finishing Options

- Standard** - 304 Stainless Steel, Satin Finishing
- Optional** - 316 Grade Stainless Steel, Satin Finishing
- Optional** - Powder Coating with Anti-Rust Layer and Heat Treatment (RAL Colours Available)

