

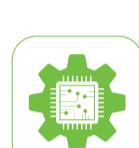
# FULL HEIGHT TURNSTILES

## GF-4400 Series

GateSet **Industrial Line** GF-4400 Series Full Height Turnstiles are built to control pedestrian access in areas requiring high level of security. Designed to meet the expectations of the industrial world, GF-4400 Series stand out with features such as Invalid Passenger Sensor and Manual Override Box; rendering it compliant to industry-specific standards, for example HCIS. The modular structure of GF-4400 Series provides easy handling of logistics both in transportation and installation stages.

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### Functional Highlights


**Electromechanical**

**Bidirectional**

**Indoor/Outdoor**

**Security / Comfort**

**30 Passages / min**

### Usage Areas

- Access Control
- Factories
- Prisons
- Military Compounds
- Embassies
- Airports
- Parking Lots
- Industrial Areas

### Featured Characteristics

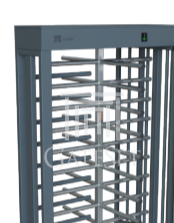
- Robust** - Designed to withstand hard environmental conditions such as heavy rains, dust, wind and cold
- Compact** - Smaller case design compared to its predecessors provide high security while saving space
- Modular** - Demounted packing provides ease of transport along with easy assembly
- Flexible** - Ease of integration with various access control systems thanks to its high-end PLC, which answers all demanded high-end functions
- Above the Line** - Fully meets the requirements of industrial realm, such as compliance with standards such as HCIS

### Products in this Series

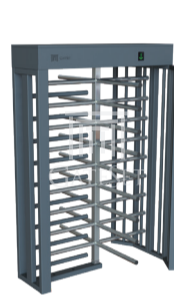
- GF-4400**
- Main Body and Frame: Powder Coated
  - Arms and Rotor: Powder Coated
  - RAL Color Options Available: 6018, 5002, 7001, 7040, 7032
  - Recommended For: \* Indoor - Low Moist Outdoor



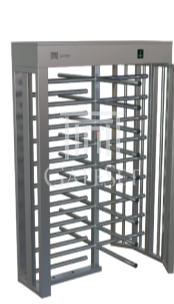
- GF-4420**
- Main Body and Frame: Powder Coated
  - Arms and Rotor: 304 Grade Stainless Steel
  - RAL Color Options Available: 6018, 5002, 7001, 7040, 7032
  - Recommended For: \* Indoor - Moist Outdoor



- GF-4430**
- 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

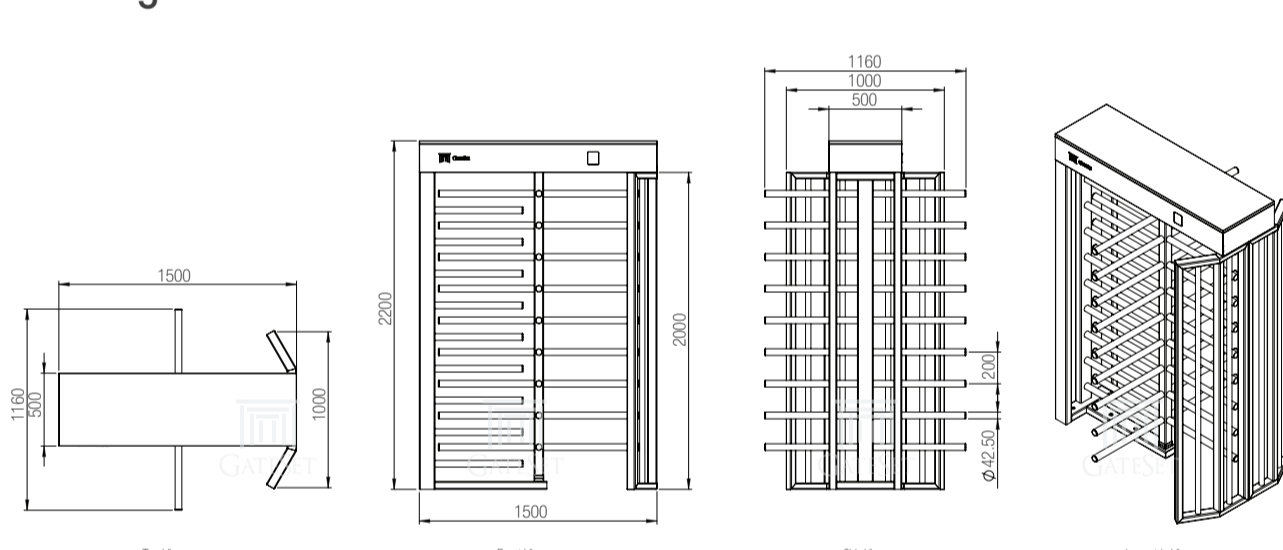


- GF-4440**
- Main Body and Frame: 304 Grade Stainless Steel
  - Arms and Rotor: Satin Finishing
  - RAL Color Options Available: 6018, 5002, 7001, 7040, 7032
  - Recommended For: \* Indoor - Moist Outdoor



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### Drawings and Dimensions



### Technical Specifications

<b>MATERIAL - MAIN BODY</b>	GF-4400 / GF-4420 / GF-4430 Electrostatic Powder Coating on Steel with Anti-Rust Layer GF-4440: 304 Stainless Steel - Satin Finishing
<b>MATERIAL - ROTATING ARMS</b>	GF-4400: Electrostatic Powder Coating on Steel GF-4420 / GF-4440: 304 Stainless Steel Polished Finishing GF-4430: 316 Stainless Steel Polished Finishing
<b>TREATMENT - OTHER PARTS</b>	All other parts are coated against corrosion
<b>DIMENSIONS (mm)</b>	1500 x 1160 x 2200 (WxLxH)
<b>PASSAGE WIDTH (mm)</b>	620
<b>ARM LENGTH (mm)</b>	550
<b>OPERATING VOLTAGE</b>	220V / 50Hz
<b>NOMINAL / MAX. CURRENT</b>	250 mA / 850 mA
<b>POWER CONSUMPTION</b>	30 W
<b>OPERATING TEMPERATURE</b>	-20 °C / + 70 °C
<b>ACCESS CONTROL</b>	PLC based control for granting access. Easy integration with all kind of access control equipment
<b>POSITION DETECTION</b>	Position detection with two separate micro-switches at mechanics
<b>PASSAGE ACKNOWLEDGMENT</b>	Provided by 4 pieces of optical passage sensors controlled with PLC (optional)
<b>WARNING INDICATORS</b>	Two separate warning indicators at front and rear sides of the passage. Green arrow indicates "Passage Open", Red cross indicates "Passage Closed"
<b>TOP PANEL LED LIGHTING</b>	Passage indication with Top Panel LEDs placed both at entry and exit sides. Green for passage free, Red for passage blocked, Blue for standby (optional)
<b>OPERATION MODE</b>	4 different operational modes available, programmed by means of software
<b>DIRECTIONAL MODE</b>	Unidirectional and Bidirectional operation features as "Only Entrance", "Only Exit", "Entrance and Exit"
<b>ROTATION CONTROL</b>	Self centered and smooth operation by means of spring and hydraulic damper
<b>CAPACITY</b>	Handling more than 300 passages per minute
<b>DESIGN</b>	Modular design provides ease of transportation and installation as well as easy part replacement
<b>OPERATION SAFETY</b>	Electrical and mechanical safety for all components, To avoid injuries, all corners and sides are rounded
<b>MANUAL OVERRIDE</b>	Entry and Exit Manual Override option with locked security cabinet (optional)
<b>ELECTRICAL FAILURES</b>	Main mechanism released and unlocked automatically. Arms rotates free.
<b>CERTIFICATION</b>	ISO 9001:2015, CE
<b>WARRANTY</b>	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

- Optional - 304 Stainless Steel, Satin Finishing for Body, Polished Finishing for Arms and Rotor
- Optional - 316 Grade Stainless Steel, Polished Finishing (Only available for Arms and Rotor)
- Optional - Powder Coating with Anti-Rust Layer and Heat Treatment (RAL Colours Available)