

FULL HEIGHT TURNSTILES GF-4300 Series

GateSet Industrial Line GF-4300 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-4300 Series stand out with features such as Invalid Passenger Sensor and Manual Override Box; rendering it compliant to industry-specific standards. The modular structure of GF-4300 Series provides easy handling of logistics both in transportation and installation stages.

IndustrialLineGF-4300Datasheet v.2.0

Functional Highlights



Electromechanical



Bidirectional



Indoor/Outdoor



Security / Comfort



30 Passages / min

Usage Areas

Access Control Stadiums
Government Offices
Embassies
Airports
Underground Car Parks
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

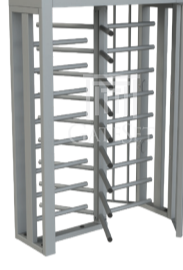
Flexible Ease of integration with various access control systems thanks to its high-end PLC, which answers all demanded high-end functions

Above the Line Fully meets the requirements of industrial realm, such as compliance with standards such as HCIS

Products in this Series

GF-4300

-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



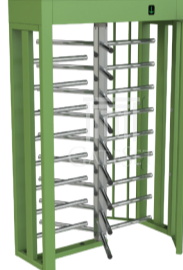
GF-4320

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



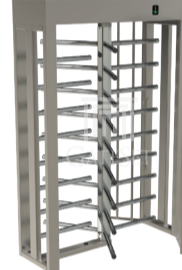
GF-4330

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



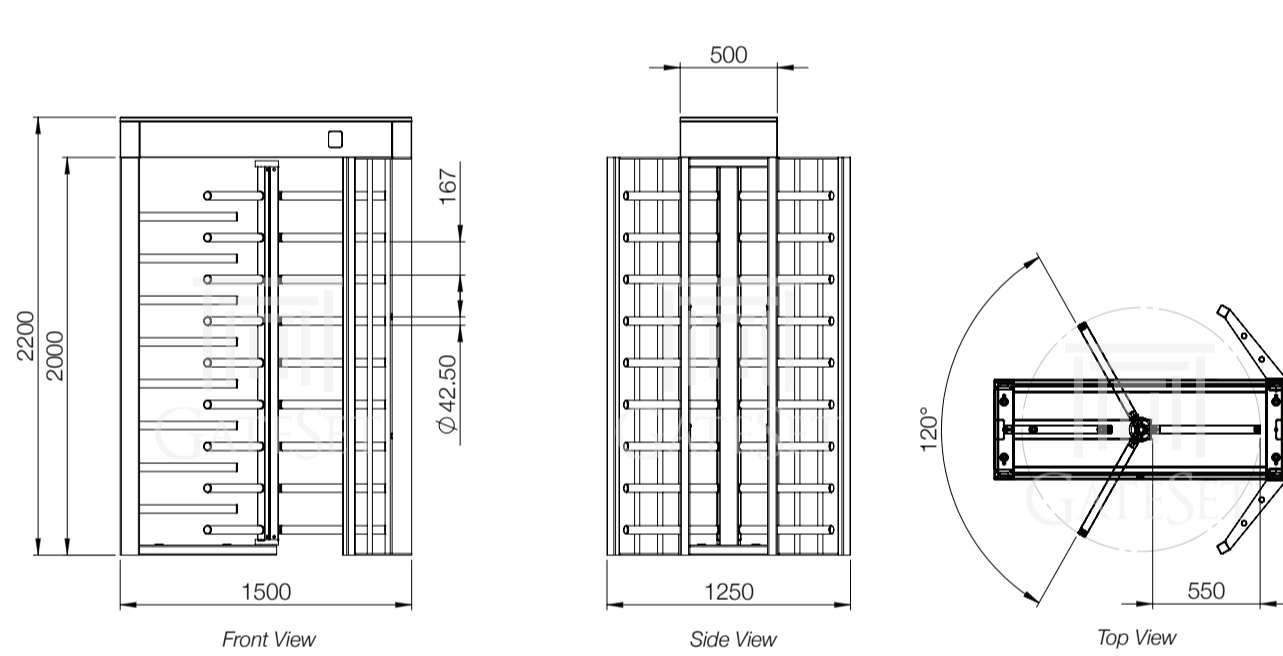
GF-4340

-Main Body and Frame:
304 Stainless Steel
-Arms and Rotor:
304 Stainless Steel
-Not Painted, No Color Options
-Recommended For:
* Indoor, Moist Outdoor



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Drawings and Dimensions



Technical Specifications

MATERIAL - MAIN BODY

GF-4300 / GF-4320: Electrostatic Powder Coating on Steel

MATERIAL - ROTATING ARMS

GF-4340: 304 Stainless Steel - Satin Finishing

TREATMENT - OTHER PARTS

GF-4300: Electrostatic Powder Coating on Steel

DIMENSIONS - (mm)

GF-4320 / GF-4340: 304 Stainless Steel

PASSAGE WIDTH (mm)

All other parts are coated against corrosion

OPERATING VOLTAGE

1250 x 1500 x 2200 (WxLxH)

NOMINAL / MAX. CURRENT

620

POWER CONSUMPTION

220V / 50Hz

OPERATING TEMPERATURE

250 mA / 850 mA

ACCESS CONTROL

30 W

POSITION DETECTION

-20 °C / + 70 °C

PASSAGE ACKNOWLEDGMENT

Microprocessor based control for granting access.

WARNING INDICATORS

Easy integration with all kind of access control equipment

OPERATION MODE

Position detection with two separate micro-switches at mechanics

DIRECTIONAL MODE

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

ROTATION CONTROL

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

CAPACITY

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

DESIGN

6 different operational modes available, programmed by means of software

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 CERTIFICATION

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

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

Main mechanism released and unlocked automatically. Arms rotates free.

ISO 9001:2015, CE

2 Years

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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)

