



Manufacturers of physical access control and distributors of biometric systems

EXCELLENCE THROUGH SECURITY ENGINEERING



TURNSTILES SINGLE FULL HEIGHT WITH GUIDE



10 year warranty
on our turnstile
mechanisms
- excluding electronics

TURNSTILES: SINGLE FULL HEIGHT TURNSTILE WITH GUIDE

iMAT turnstiles are ideal thanks to their rugged construction and trouble free operation with a reliable mechanism. Single full height turnstiles are installed at entrance or exit points in higher security areas. iMAT's turnstile product range can be integrated with keypads, code locks, card readers, biometric devices and other access control systems.

FEATURES



- Bi-directional
- Unmanned with a high degree of security
- Control of staff movement
- Control of entrance and exit
- Safety configuration for power failure and/or emergency situations
- 90 degree rotor
- Adjustable transaction timeout
- Smooth mechanical operation
- Tamper proof design
- Random Search (Optional)
- Battery Backup (Optional)
- Bolt together construction enables full height turnstile to pass through all access routes including domestic doors

SUITED FOR



- Transit Facilities
- Stadium and Arenas
- Amusement and Theme Parks
- Trade Fairs and Expositions
- Educational Facilities
- Corporate Facilities
- Government Facilities
- Residential Complexes
- Public Transport

DESIGNS AND FINISHES



- Available in 4 arm option only
- Available in mild steel epoxy powder coated or galvanised and stainless steel options
- Turnstile comes complete with logic board and transformer
- Lockable hinged mechanism cover
- Flat pack option [see cover] for cost effective export delivery

BRANCHES

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TECHNICAL SPECIFICATIONS

Power: 220V AC 50/60 Hz

Power Consumption: 40W

Battery Backup: Two 7 Ah, 24v Dc

Operation: Electro/Mechanical

Turnstile Dimensions: See drawings

Rotor arm configuration: 4-arm = 90 °

Weight: 175kg

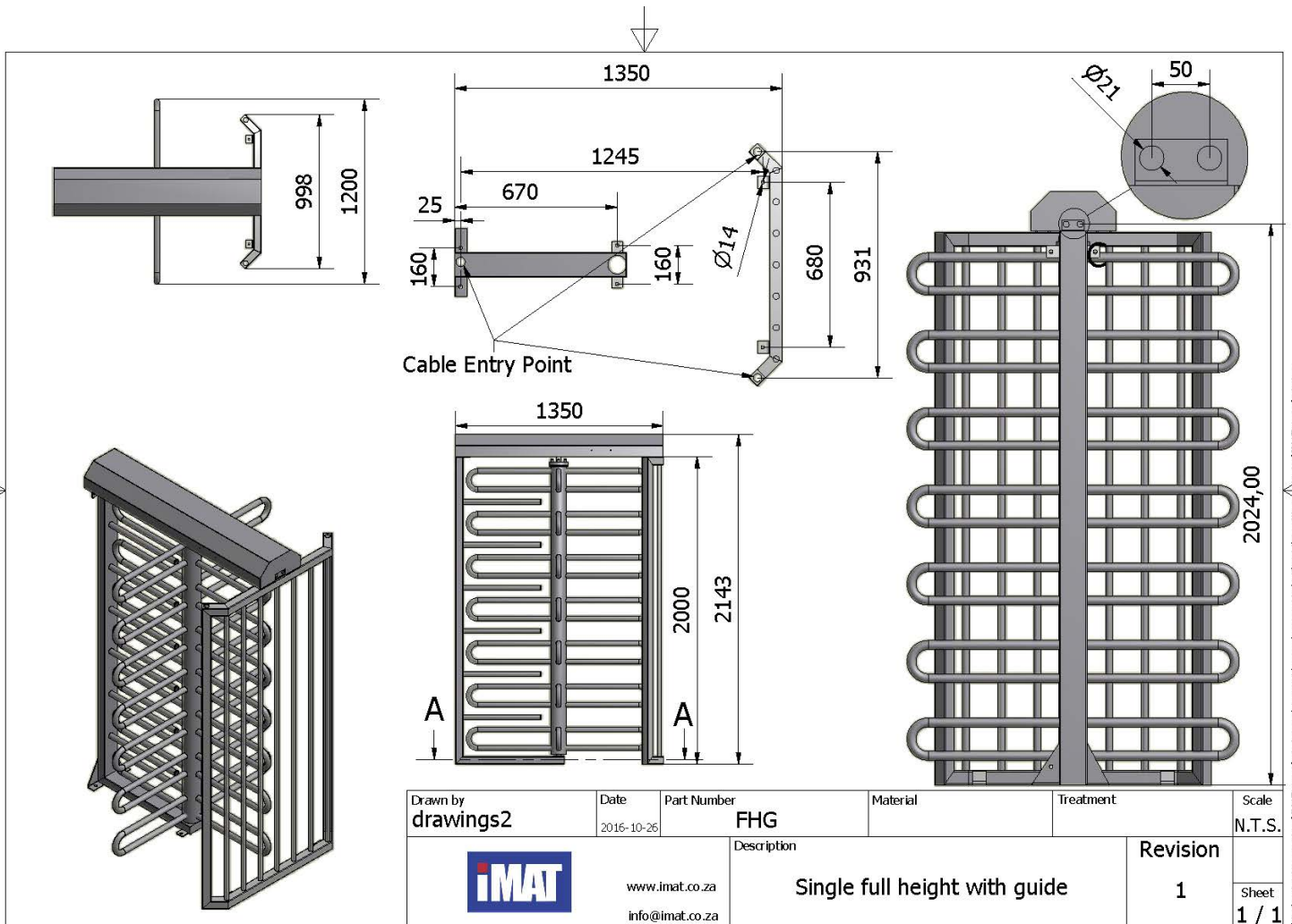
Safety Features: Optional fail lock/fail-safe mechanism, fire alarm integration

Environment: Indoor and outdoor

Accessories: Reader boxes, rain covers, push buttons, coin acceptors, random search selectors (available on request)

Finishing Options: FHG13 Mildsteel epoxy powder coated / FHG14 Mildsteel hot dip galvanized / FHG15 Stainless steel 304 brushed

Installation Requirements: Solid concrete base



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FAQ's

What do you need to know when buying a turnstile?

Is the turnstile robust and durable?

iMAT's Turnstiles are robust and durable, they are designed for both indoor and outdoor applications. They are weather and corrosion resistant. Our turnstiles are made using our CNC machinery and welding to produce products which meet our high standard of quality.

Is the price of the turnstile complete or are there any other costs I should be aware of?

Our standard turnstile quoted prices are complete. The turnstiles are ready for data and power connections to be operational. There are optional extra's such as batteries for battery backup, remotes and receivers, reader mounting brackets for mounting access readers, pushbuttons, coin acceptors etc.

Is there a warranty and what is included in the warranty?

Our turnstiles have a 10 year warranty on turnstile mechanisms, with a 1 year limited warranty on the electronic parts.

Can I rely on iMAT as my physical access control provider?

iMAT has been manufacturing turnstiles for over 20 years. We design and manufacture all our products to ensure quality and durability and we export our products worldwide. Our focus is on the quality of our products and customer service which makes us one of the most trusted suppliers in access control.

What will happen with the turnstile should there be a power failure?

In the event of a power failure the battery backup system will take over normal operation of the turnstile, depending on the batteries and usage it can be up to 24 hours. The turnstile can be configured in a fail-safe or fail-secure position. Should the batteries run out of power the fail-safe configuration will unlock the turnstile, or in the case of fail-secure, will keep the turnstile locked. All turnstiles come with a physical key which allows you to unlock the turnstile manually.

Is the turnstile compatible with any biometric and access control systems?

iMAT turnstiles are compatible with all electronic access control systems. We are also suppliers of ViRDI and Anviz biometric access control products, fingerprint readers being our most popular choice. Our turnstiles can also be integrated with push buttons, remotes and coin acceptors.

What other products and accessories are available with the turnstile?

Our turnstiles are available in a selection of colours and finishes, we also manufacture the following:

- Bypass gates / special needs gates
- Pedestal drop boxes
- Filler sections
- Any other items that might be required to complete the installation