

# WWW.TURNSTILES.US

**TTF 513**  
**GLASS WINGS MODEL**



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This “signature series” turnstile is designed with those environments in mind where visual appeal and refined aesthetics is a top priority.

One defining feature of TTT 513 full-height turnstile is the way its glass wings deny any access to personnel or cargo when no access attempt is made. Thanks to such a feature, TTT 513 offers the benefit of maximum access security while enhancing the aesthetics of its environment.

All mechanical parts and electromechanical control systems of TTT 513 are manufactured at TANSA’s high-tech manufacturing facilities.

## TTF 513 GLASS WINGS MODEL

Full-height turnstiles are in general designed to provide maximum security and easy passage in locations where some users might be tempted to resort to brute force for access.

Yet, given the wide variety of ways in which they’re deployed, full-height turnstiles are installed today in the lobbies of luxurious highrises and opulent corporate headquarters as well. That’s why TANSA is proud to offer TTT 513, a full-height turnstile that enhances the “curb appeal” of even the most exclusive commercial space.



## FULL HEIGHT TURNSTILES

### FEATURES AND BENEFITS

#### INTEGRATED ACCESS CONTROL BOARD

Maintains all access operations and integrates the turnstile controls with a wide variety of card readers and other auxiliary systems for reliable access control.

#### SELF-CENTERING MECHANISM

For longer service life and higher user satisfaction, it centers the rotor smoothly without any stagger through built-in hydraulic shock absorber mechanism

#### WELDED MONOBLOCK CONSTRUCTION

Long service life with minimum wear and tear thanks to welded monoblock construction that replaces bolts-and-nuts

#### OVERRIDE CAPABILITY

Configurable turn direction overrides the current rotation setting for versatile user-defined access control

#### HORIZONTALLY REMOVABLE TOP COVER

Horizontally removable stainless steel top mechanism cover, providing easy service with minimum overhead clearance

#### NARROW TURNSTILE CLEARANCE

Four-armed turnstile design provides minimal room for each user, making piggybacking almost impossible for reliable access control.

#### COMPLEMENTARY MIX

You can mix and match your full height turnstiles with other turnstile models, like pedestrian security gates for example to allow cargo access.

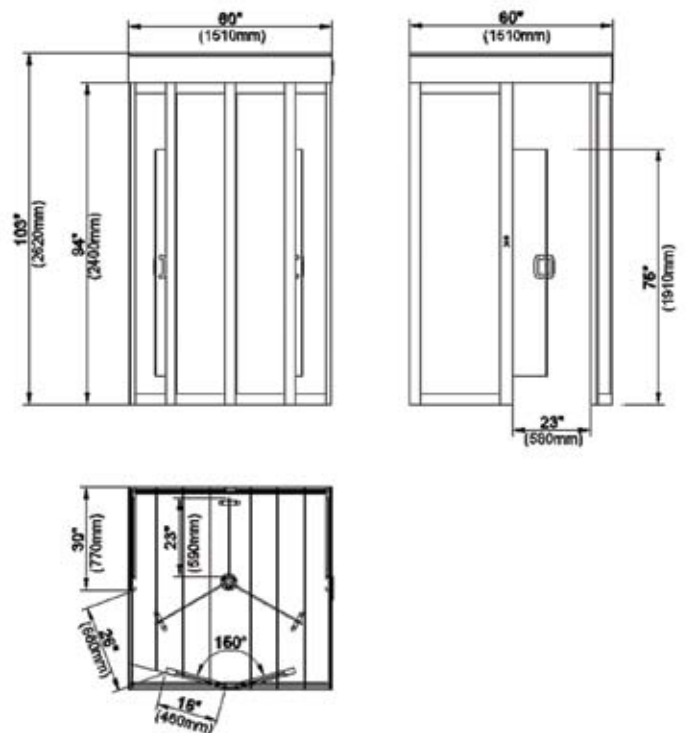
#### RESOURCES

A full height turnstile is a specialized solution. That's why TANSa maintains a team of knowledgeable customer service staff ready to answer all your questions. To make sure that your full height selection fits your installation perfectly and solves your specific access problem, we provide the right consultation and technical specs for your unqualified success. Please check our web site for additional help and resources.

### OPTIONS

We provide a wide range of models which are available with different finishes and options to serve your needs. Please consult our web site for the available options.

TTF-HT	Ceramic heater, external, adjustable (option)
TTF-CT	Electronic counter (option)
TTF-BG	Bulletproof glass -polycarbonate-(upgrade) (for model 513/514)
TTF-NO	Manual controlled: No motor/wiring (deduction)



## FULL HEIGHT TURNSTILES / MODELS

TTF-513-SEP	Glass Wings model	120 degrees opening, Single lane	Powder coated rotor, and body with glass wings
TTF-513-SES			Stainless steel rotor and body with glass wings
TTF-514-SEP			Powder coated rotor, and body with glass wings
TTF-514-SES			Stainless steel rotor and body with glass wings

## TECHNICAL SPECIFICATIONS

OPERATION	Configurable in both directions, providing both entry and exit with manual push.
BODY	AISI 304 certified stainless steel (EN 10082-2 Grade 1G/2G).
HEAD and ARMS	304 grade stainless steel. Option of painted sheet metal rotor.
FEATURES	<ul style="list-style-type: none"><li>• Bi-directional access information monitored by electronic microprocessor.</li><li>• Adjustable opening and closing intervals, configured via electronic card.</li></ul>
MECHANISM	Monoblock construction mechanism with control cams that are treated with AISI 304 grade stainless steel.
POWER SUPPLY	110 Vac 60 Hz Switch mode supply. Max 50 Watts operational power. Max 24 Vdc internal voltage.
ENVIRONMENTAL SPECS	-4 / +122 F° / (-20 / +50 C° ) temperature range. Can operate even in -40 F° (-40 C°) with thermostat-equipped optional external heater. Rated for Max 95% humidity.
EMERGENCY MODE	In power failures or when an emergency signal is issued, the rotor and the turnstile arms turn freely without any resistance to allow free access.

## GENERAL FEATURES

- The turnstile is designed to operate reliably in internal and external applications. However, for very dusty or humid environments, it can be delivered with appropriate optional features if the respective specifications are provided at the time of order.
- The turnstile allows uni- or bi-directional access, either controlled or free. Even when the access is controlled by a card reader, free entry and exit can be configured during specified time periods.
- This model allow free exit out of the site or the building in case of a power failure, a feature mandated by law. If the customer wants the turnstiles remain locked during such an emergency, such functionality can be provided as an option, contingent upon the written request of the client. However, once set at the factory, the system then cannot be switched back to the emergency-exit state by the client and it remains locked during all subsequent power failures.
- The turn direction of the system (for entry and exit) are determined by internal sensors.
- The smooth centering of the turnstile arm after a pass-through is accomplished by a spring mechanism and hydrolic shock absorbers.

## WHY TANSA ?

7 simple and obvious reasons why TANSA should be your access control provider of choice:

### 1) HISTORY&EXPERIENCE:

TANSA has been manufacturing and servicing access control systems and turnstiles in Istanbul, Turkey since 1962 – or half a century! It's not a new-kid-on-the-block. It's got the long track record and extensive experience that you should insist in your access control provider.

### 2) WIDE SELECTION OF PRODUCTS:

TANSA offers a wide variety of turnstiles including optical, tripod, glass, full height, swing gate turnstiles, and other solutions for special applications. For every secured entry control need, there's a TANSA solution that fits the bill perfectly.

### 3) SPECIAL APPLICATIONS:

TANSA offers special applications for your special needs. There is no need to compromise your security by opting for one-size-fits-all generic solutions.

### 4) INDUSTRY SPECIFIC SOLUTIONS:

TANSA designs and manufactures specific security solutions for a long list of industries, including: Access control companies, Administrative buildings, Airports, Banks and financial companies, Education & Schools, Exhibition and Convention Centers, Gaming & Casinos, Government buildings, High security sites (Prisons, military sites, etc.), Hospitals & Healthcare clinics, Manufacturing Plants, Jewelers, Membership-Only Country Clubs, Multi-tenant buildings, Museums, Office buildings, Parking Lots, Ports, Public Event Arenas, Public transportation, Restaurants and Hotels, Retail stores and supermarkets, Shopping Centers, Sports & entertainment centers, Swimming Pools and Water Parks.

### 5) ANTI-PASSBACK & PIGGYBACK CONTROL:

TANSA turnstiles provide anti-passback and piggyback controls to prevent unauthorized passes in any given direction. With TANSA, you get time-tested and market-proven peace of mind.

### 6) ACCESSORIES & FUNCTIONALITIES:

TANSA turnstiles are available with many such accessories like directional lighting, speakers, spot lights, uni- and bi-directional swing and access control, mechanic or motorized operation options, and much more. TANSA offers a wealth of accessory options to fit your needs exactly.

### 7) CERTIFIED QUALITY:

TANSA enjoys quality certifications such as the ISO 9001.

TANSA products use AISI 304 rated quality stainless steel (EN 10082-2Grade 1G/2G). With TANSA, you always get your money's worth and then some.



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