

Full Height Turnstile

ASSA ABLOY FT500 Series

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world



Combine and enhance your top quality, secure access point – specifically designed for controlled physical access in rough environments – with our top-quality swing door for even more security and comfort.

Our new Full Height Turnstile FT500 from ASSA ABLOY is an extremely robust and water-resistant solution for frequently visited secured environments. With its durable 3-section, stainless steel portal and housing design, it stands up to the harshest external conditions, as well as providing several drive mechanism options for your greater comfort.

This bidirectional, logic-controlled entryway is equipped to deal with power outages and is customisable – from different design options to accessories like roofs/canopies or a full-height swing door.

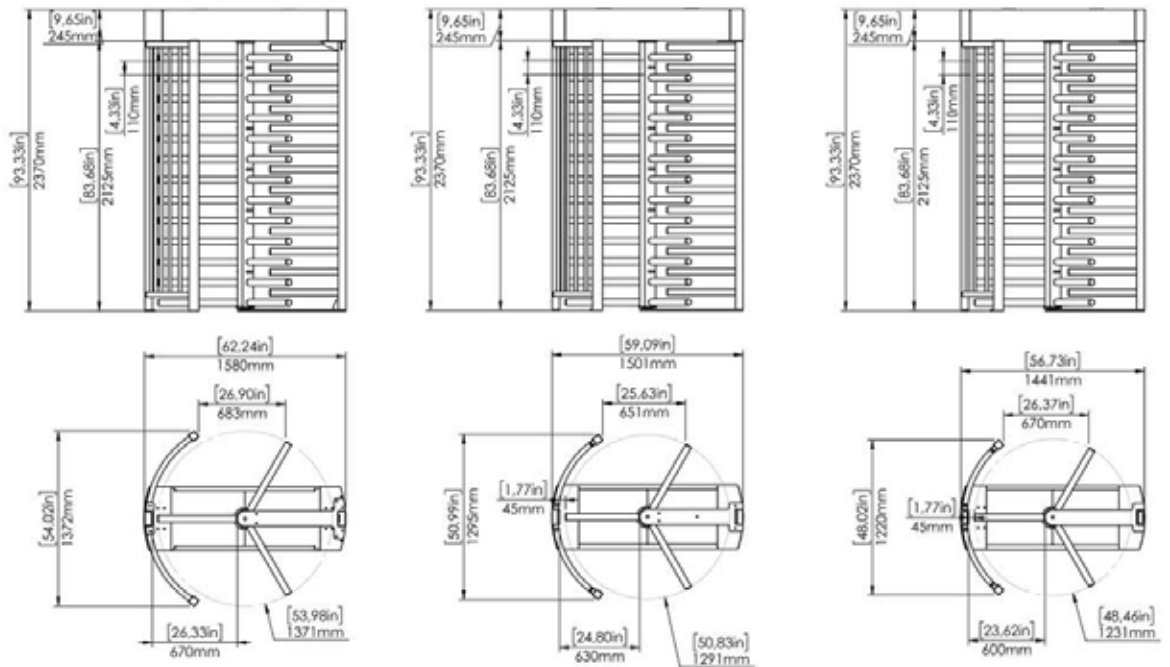
You can even choose to have it delivered completely assembled or disassembled, depending on your venue: our specialists are happy to help you in just the way you need.

Design specification

Construction:	Steel
Passage width:	670 / 630 / 600 mm
Weight:	410 kg
Power Supply:	100 – 240 VAC, 50/60 Hz
Logic Voltage	24V DC
Standby power consumption	12 W
Operation Temperature	-20 ° / +70 °
IP Protection	Cabinet IP54 / Logic Controller IP65
MCBF	10.000.000
MTTR	< 30 min.

Options

- Electromechanical or hand-operated drive mechanism
- Assembled/Disassembled delivery
- Fail-safe/Fail-locked
- Stainless steel (AISI 304/316), stainless steel and powder coated, hot-dip galvanised or galvanised and powder-coated design
- Customisable LED indicators



Essential functions and interface features

Customisable settings

The FT500 turnstile has a logic-controlled interface and operates bi-directionally. Entrance and exit directions can be individually set as controlled, locked, or free rotation. After the release, the turnstile blocks itself after an adjusted time if no transition or passage occurs. If people from both directions would like to pass through simultaneously, the first person who activates the turnstile comes first.

Controlled access

When in controlled access mode, after the release confirmation sent by the access control system, the turnstile unlocks the released direction and enables one person access. After each person, the turnstile rotor blocks passage again, and does not permit access from entrance or exit directions until receiving a new release signal from the access control system.

Multiple openings

An additional person is able to use the next passage cycle during an ongoing passage cycle in both directions. The turnstile controller stores up to 255 releases, and can allow the same amount of individuals to pass through.

Emergency modes

In the event of an emergency or power cut, the mechanism unlocks the rotor and the rotor rotates freely in both directions. In fail-safe mode, the turnstile resets itself automatically when the emergency alarm stops or the power is switched back on. (Fail-locked mode is also an option.)

LED indicators

The LED lights on the turnstile indicate the operating status in both directions.

	Option-1	Option-2
Green	Standby or locked	Released or free passage
Red	Released or free passage	Standby or locked

Accessories

Reader mounting plate
Ceiling lights
LED indicators
Heating kit for -40 degrees
Roof & Canopy options
Tempered glass side panels
Mounting plate (suitable for forklift transport)
Mounting frame for recessed installation
Back-up battery
Access controller integration brackets on demand.

Settings

Operation mode for each directions:	Controlled / Free / Locked
Acoustic notifications:	On/Off
Release time out:	5-10-15-20 secs
Consecutive passage:	On/Off
Emergency connection	On/Off