

# Full Height Turnstile

## ASSA ABLOY FT100 Series

**ASSA ABLOY**  
Entrance Systems

Experience a safer  
and more open world



Safeguard your venue with a top quality, secure access point specifically designed for controlled physical access in rough environments.

The full height turnstile FT100 from ASSA ABLOY is an extremely robust and water-resistant solution for frequently visited secured environments. With its durable 3-section, stainless steel 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 customizable – from different design options to accessories like roofs / canopies or a full-height swing door.

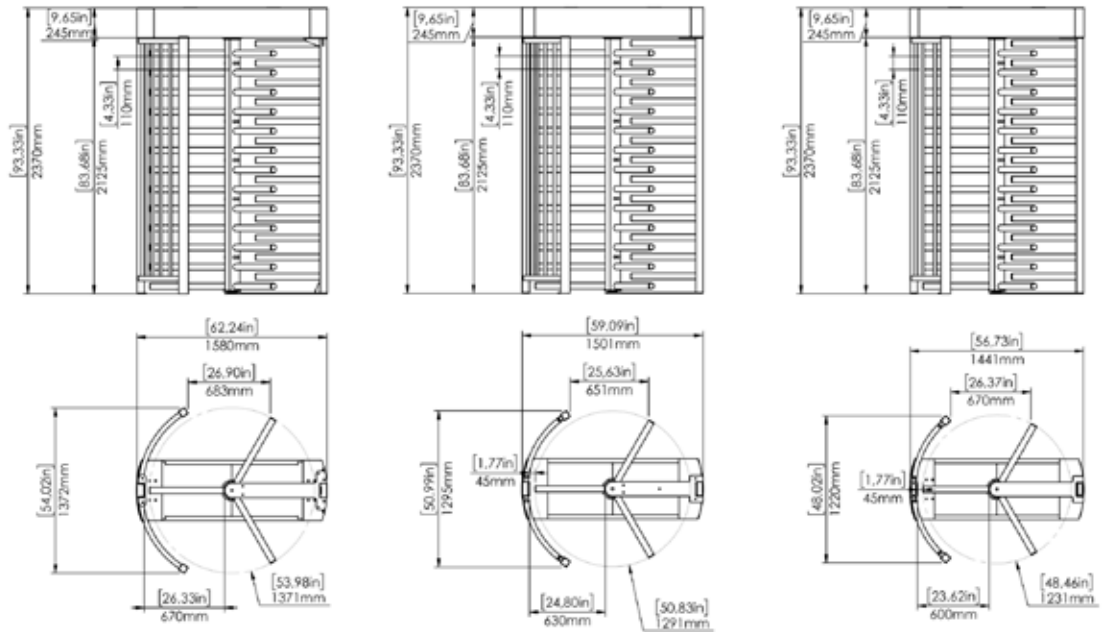
You can even choose to have the FT100 delivered completely assembled or disassembled, depending on your venue. Our specialists are happy to help you in just the way you need.

### Design specification

Construction	Steel
Passage width	670 / 630 / 600 mm
Weight	390 kg
Power supply	100 to 240 VAC, 50 / 60 Hz
Logic voltage	24 VDC
Standby power consumption	12 W
Operation temperature	-20 °C to +70 °C
IP protection	Cabinet IP54 / Logic Controller IP65
Mean cycles before failures (MCBF)	10 000 000
Mean time to repair (MTTR)	< 30 min.

### Options

- Electromechanical or hand-operated drive mechanism
- Assembled / disassembled delivery
- Fail-safe / fail-secure
- Stainless steel (AISI 304/316), stainless steel and powder coated, hot-dip galvanized or galvanized and powder-coated design
- Customizable LED indicators



## Essential functions and interface features

### Customizable settings

The FT100 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 outage, the mechanism unlocks the rotor and it 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-secure 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 °C
- Roof and 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 sec
Consecutive passage	On / Off
Emergency connection	On / Off