Full Height Turnstile ASSA ABLOY FT500 Series

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 FT500 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.

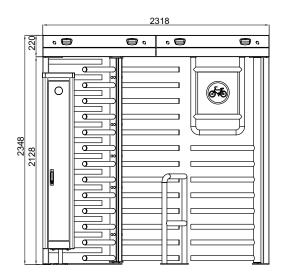
The built-in bicycle door is a special feature of this model: induction loops detect when someone wants to enter the passageway with a bicycle and automatically opens for (and closes after) them to ensure a smooth experience.

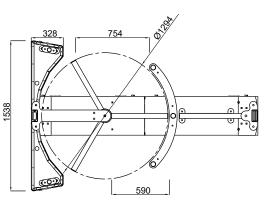
You can even choose to have the FT500 delivered completely assembled or disassembled, depending on your venue. Our specialists are happy to help you in just the way you need.

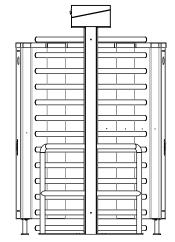
| Design specification | |
|------------------------------------|---|
| Construction | Steel |
| Passage width | 670 / 630 / 600 mm |
| Weight | 410 kg |
| Power supply | 100 to 240 VAC, 50 / 60 Hz |
| Logic voltage | 24 VDC |
| Standby power consumption | 12 W |
| Operation temperature | –20 °C to +70 °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 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 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 | Standby or locked |
| | passage | |

| 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 |

ASSA ABLOY Entrance Systems Tel: +46 (0)10 4747 000 info.entrance@assaabloy.com assaabloyentrance.com This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation.

Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!