

# mSwing

Swing gate

## TURNSTILES.us



### The versatile gate for entrances, wide passageways and escape routes

The mSwing swing door is our specialist in versatility! This starts at the entrances: mSwing is used wherever passage is authorised by staff at a gate or reception desk. Either as a single or a double swing door, depending on the number of visitors expected. It is not only the right choice for the monitored access of visitors, but also for visitors with baggage and for those delivering materials. Its wide barrier elements also make it ideal for wheelchair access.

Thanks to the mPost card-reader pillar, operators can also provide passage using card-reading devices. mSwing, however, is particularly important for setting up escape routes. It is always used whenever many people are present in a building at the same time and appropriately wide escape routes are required. With its passageway width of up to 2400 mm as a double door, and automatic opening if there is a power outage or alarm signal, mSwing also ensures safe paths out of the building in emergency situations.



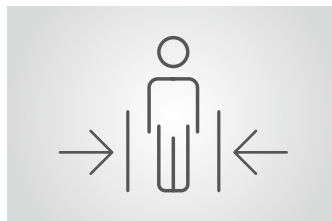
#### Free escape routes

The swing doors allow free passage in the case of a power outage, and a defined position can be set up for when there is an emergency signal. The barrier elements automatically return to the closed position after removal of the alarm contact or the return of electricity.



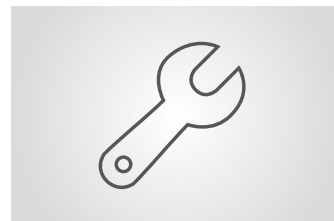
#### Comfortable passage

The smoothly operating motor drive makes the access process particularly comfortable, and its sensitive impact detection ensures maximum user safety.



#### Secure access control

Interlocking in the closed state (optional) prevents any forced entry.



#### Rapid installation

Our pedestrian gates are supplied ready for installation. All the selected options have already been installed, and the corresponding parameters preset, before delivery to the point of use. This, and the drilling templates, considerably shorten commissioning times.

ACCESS

AFC

IMMIGRATION

BOARDING

# mSwing

## Swing gate

- > As single- or dual-gate for visitor entrances, passage with baggage, transport routes and wheelchair-friendly access
- > Wide, unobstructed escape routes in emergencies
- > Ideally complements the family of FlowMotion access gates
- > All drive and control systems are located inside the center column
- > Low impact forces for maximum personal safety
- > Freely swings on power outages
- > Designed for 10,000,000 opening and closing cycles



| Technical data                                       | mSwing                                                                                                                                                                    |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application                                          | Indoor and outdoor                                                                                                                                                        |
| Passage width<br>(Other widths available on request) | Standard: 38 inches (w/ 2 in. of space at end of lane)<br>Wide Lane: 47 inches (w/ 2 in. of space at end of lane)<br>Hoop Arm: 39 inches (w/ 2 in. at end); up to 72" max |
| Barrier element height                               | Standard: 39 inches<br>(more on request)                                                                                                                                  |
| Opening/closing time                                 | 1.5 – 4 s, depending on barrier element dimensions                                                                                                                        |
| Opening angle                                        | Adjustable from 0–300°                                                                                                                                                    |
| Drive technology                                     | MHTM™                                                                                                                                                                     |
| Control system                                       | MGC                                                                                                                                                                       |
| Voltage                                              | 100 – 240 VAC,<br>50/60 Hz                                                                                                                                                |
| Power consumption                                    | Maximum 45 W                                                                                                                                                              |
| Duty cycle                                           | 100%                                                                                                                                                                      |
| Housing material                                     | Aluminum                                                                                                                                                                  |
| Housing height                                       | 43 inches                                                                                                                                                                 |
| Housing diameter                                     | Maximum 7.2 inch                                                                                                                                                          |
| Enclosure rating                                     | IP 54                                                                                                                                                                     |
| Approvals                                            | Approved for escape and rescue routes                                                                                                                                     |
| Weight                                               | About 88 lb                                                                                                                                                               |
| Temperature range                                    | –22 to +131 °F                                                                                                                                                            |

### Potential applications



### Options

|                         |                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------|
| Special colors          | More than 20 color tones available according to pricelist                                                            |
| Barrier elements        | Single-layer safety glass (ESG), acrylic glass, powder coated stainless steel, or customer-specific barrier elements |
| Passage width           | up to 92 inches as dual-gates                                                                                        |
| Floor illumination      | ✓                                                                                                                    |
| Glass edge illumination | Not available                                                                                                        |
| Warning on forced entry | ✓                                                                                                                    |
| Ethernet connection     | ✓                                                                                                                    |

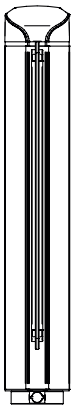
### Accessories

|                  |                                                                                |
|------------------|--------------------------------------------------------------------------------|
| Emergency button | For triggering the alarm system and unlocking the barrier elements             |
| Foundation frame | For integration in new buildings, height adjustable between 3.9 and 6.0 inches |

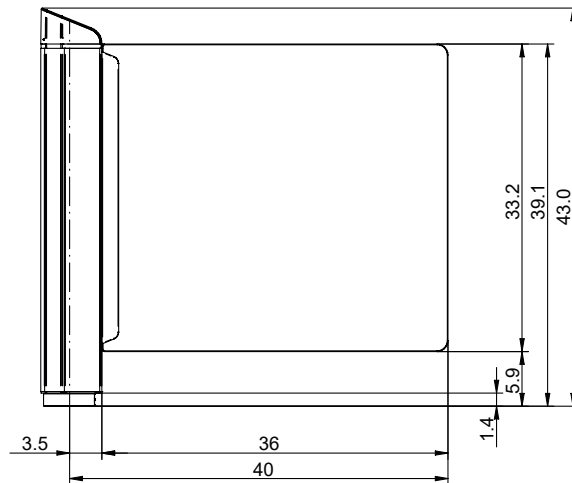
### Equipment

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Standard colors                           | Basalt (column)<br>Anthracite (cover)                  |
| Interlock against forced entry            | ✓                                                      |
| Direction of passage                      | Uni- or bi-directional                                 |
| Emergency release                         | Can be parameterized: fixed position or freely turning |
| Reaction on power outage                  | Freely turning                                         |
| Random generator                          | Integrated in control system                           |
| Throughput data acquisition and event log | Integrated in control system                           |

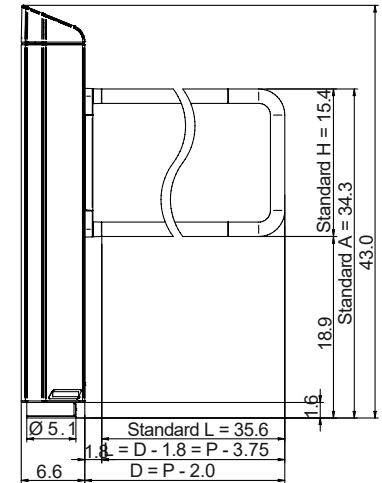
mSwing – side view



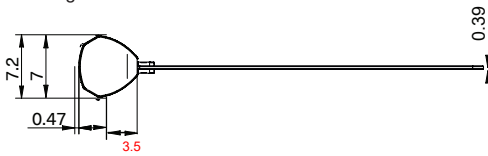
mSwing – front view



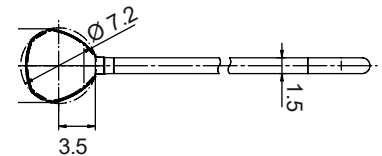
mSwing with U bar – front view



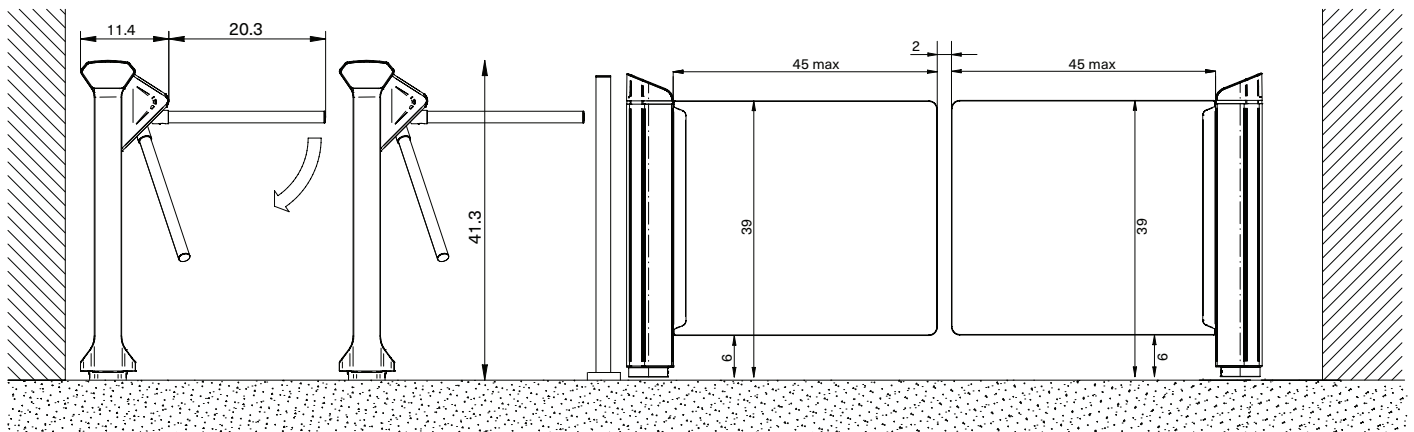
mSwing view from above



mSwing with U bar – top view



Line configuration with mTripod and mSwing as dual-gates



Subject to technical modifications.