mSwing

Swing gate

TURNSTILES.us

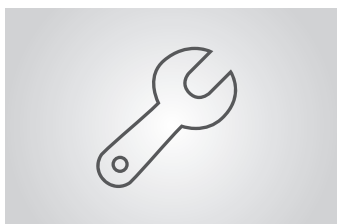
The versatile gate for entrances, wide passageways and emergency exits

The mSwing motorized swing gate is our specialist in versatility! This starts at the entrance: mSwing can be used wherever passage is granted by staff at an entry point or reception area. It can be configured as a single- or dual- gate, 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.

mSwing is ideal for locations where many people enter or exit a building at the same time and wide passage lanes are required. It can be setup as a dual-gate, with a passageway width of up to 94 inches for servicing escape paths. mSwing automatically opens if there is a power outage or alarm signal, providing wide egress lanes in emergencies. Operators can also provide unattended passage using card-reading devices or keypads.

Wide Lanes
Passageway widths of up to 94 inches can also be achieved using mSwing as a dual-gate. The swing gates are ideal for groups of visitors, the transport of material, wheelchair access, and also for escape routes.

Free Escape Routes
The swing gates 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 the alarm signal ceases, or when electricity is restored.



Easily Access to Components
All the control and drive components necessary for operation are fully contained in the gate's cylindrical column - considerably simplifying commissioning and maintenance.

Secure Interlocking
An electromagnetic toothed coupling prevents the barrier from being pushed out of its end position or moved against the selected direction of passage.

www.TURNSTILES.us | patrick.mcallister@TURNSTILES.us | 303-670-1099

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- 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	Standard: 38 inches (w/ 2 in. of space at end of lane) Wide Lane: 47 inches (w/ 2 in. of space at end of lane) Other widths available on request
Barrier element height	Standard: 39 inches (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, 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

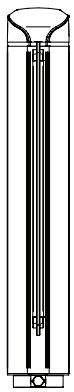
Potential applications

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	✓
Warning on forced entry	✓
Ethernet connection	✓

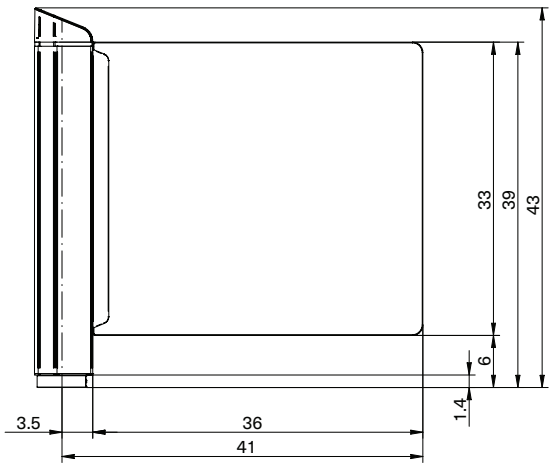
Accessories	
Emergency button	For triggering the alarm system and unlocking the barrier elements
Foundation frame	For integration in new buildings, height adjustable between 3.9 and 6.0 inches

Equipment	
Standard colors	Basalt (column) 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 view from side



mSwing view from front



mSwing view from above

Line configuration with mTripod and mSwing as dual-gates