

mSwing

Swing doors

- > As single or double doors for visitor entrances, passage with baggage, transport routes and wheelchair-friendly access
- > For unobstructed escape routes in emergencies
- > Ideally complements the mTripod access control system
- > Compact accommodation of drive and control systems in the centre column
- > Low impact forces for maximum personal safety
- > Freely turning on power outages
- > Designed for 10,000,000 opening and closing cycles

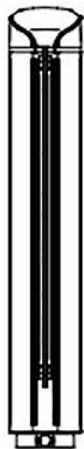


Technical data	mSwing
Application	Indoor and outdoor
Passage width	Standard: 1000 mm Wide Lane: 1200 mm (more on request)
Barrier element height	Standard: 994 mm (more on request)
Opening/closing time	1.5 – 4 s, depending on barrier element dimensions
Opening angle	Adjustable from 0–300°
Drive technology	MHTM™
Control system	MGC
Voltage	100 – 240 VAC, 50/60 Hz
Power consumption	Maximum 45 W
Duty cycle	100%
Housing material	Aluminium
Housing height	1092 mm
Housing diameter	Maximum 183 mm
Enclosure rating	IP 54
Approvals	Approved for escape and rescue routes
Weight	About 40 kg
Temperature range	-30 to +55 °C

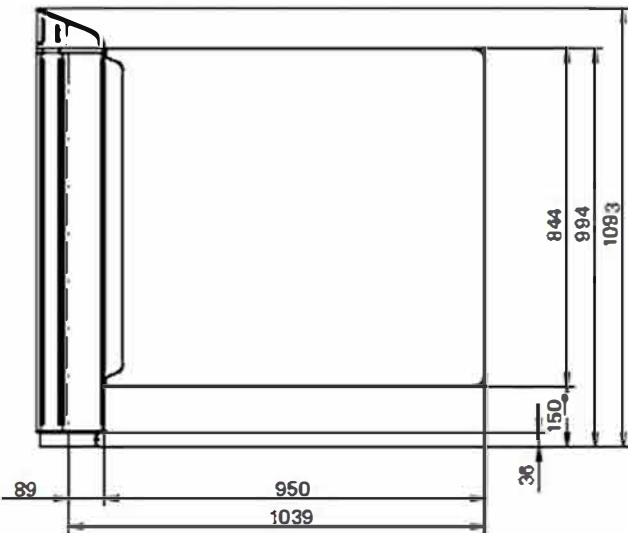
Options	
Special colours	More than 20 colour tones available according to pricelist
Barrier elements	Glass doors made of single-layer safety glass (ESG) or acrylic glass, customer-specific barrier elements
Passage width	2400 mm as double swing doors
Floor illumination	✓
Glass edge illumination	✓
Warning on forced entry	✓
Ethernet connection	✓

Equipment	
Standard colours	Basalt (column) Anthracite (cover)
Interlock against forced entry	✓
Direction of passage	Uni- or bi-directional
Emergency release	Can be parameterised: 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

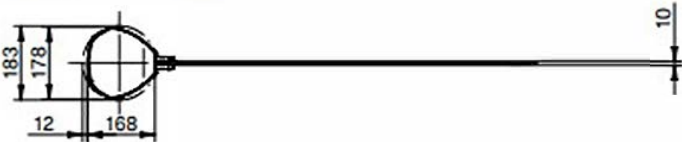
mSwing view from side



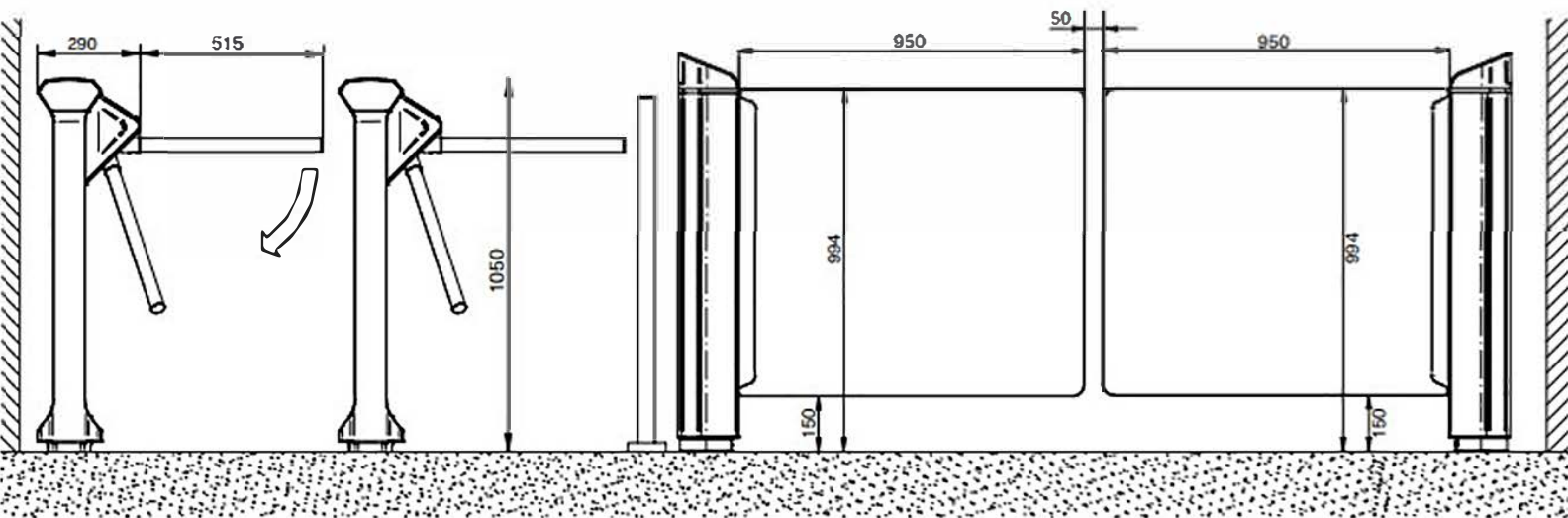
mSwing view from front



mSwing view from above



Line configuration with mTripod and mSwing as double swing gate



Potential applications				



Accessories	
Integration of card readers	mPost card reader column
Passage direction indicator	Passage direction indicator for mPost
Emergency button	For triggering the alarm contacts and unlocking the barrier elements
Foundation frame	For integration in new buildings, height adjustable between 10 and 15 cm
Separation of access areas	mGuide railing system for the separation of controlled and uncontrolled areas