



M100 Series Turnstiles



General Description

Motorized turnstiles are preferred in specific applications, as they bring some advantages for the users. Some of these advantages are as follows;

1. They are motorized, the passing person need not use his hands (supermarket applications, etc.)
2. There are no obstacles in front of the passing person (VIP entrance applications, etc.)
3. Arm length is longer than tripod turnstiles, therefore they are ideal as material entrance gates
4. Emergency exits (fire, earthquake, etc.)

CABINET

Cabinet is either AISI 304 Quality Pre-Formed Stainless Steel or A1 Quality Steel (Galvanized + Painted + Baked). Standard colour of the cabinet is RAL 7032 Emboss Flintstone Gray. At no extra cost, turnstile can be supplied with different RAL colours. Access to the mechanism is from the top lid, whereas control electronics from the bottom lid. Floor anchoring is achieved by an anchoring plate.

CONTROL ELECTRONICS

The control electronics utilized in the turnstile is PLC controlled. For safety reasons, only 24V and 5V are running through the control electronics and the whole turnstile. Control electronics has trigger inputs, sensor inputs, alarm inputs, led-matrix way mode indicator outputs, 'cycle (one turn) completed' outputs. The time that the turnstile waits open after the reader input is 30 seconds and can be adjusted in 6 steps as multiplies of 5 seconds. With the help of PLC (Programmable Logical Controller) controlled electronics, open/close function can be achieved by every kind of card readers, biometric readers like fingerprint or hand shape, radio control, on/off key switch etc. Closing the turnstile can be done by every kind of inputs as well as the time delay function. Every kind of card readers, optical sensors or alarm inputs from other systems (fire, earthquake etc.) can be integrated to the control electronics very easily. All the models work with 220V 50Hz.

MECHANISM

The mechanism is silent and without vibrations. 24V DC motor utilized in the turnstile provides high torque. Power transmission is achieved by utilizing gears only.

ARM AND WARNING SIGN

Arm of the turnstile is AISI 304 Quality Stainless Steel. It is a tubing with 32 mm outer diameter. Surface is mirror polished. There is a warning sign fixed to the arm; material being white polycarbonate. On the entry side of the warning sign there is a blue arrow, on the other side there is a red 'no entry' figure.

ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

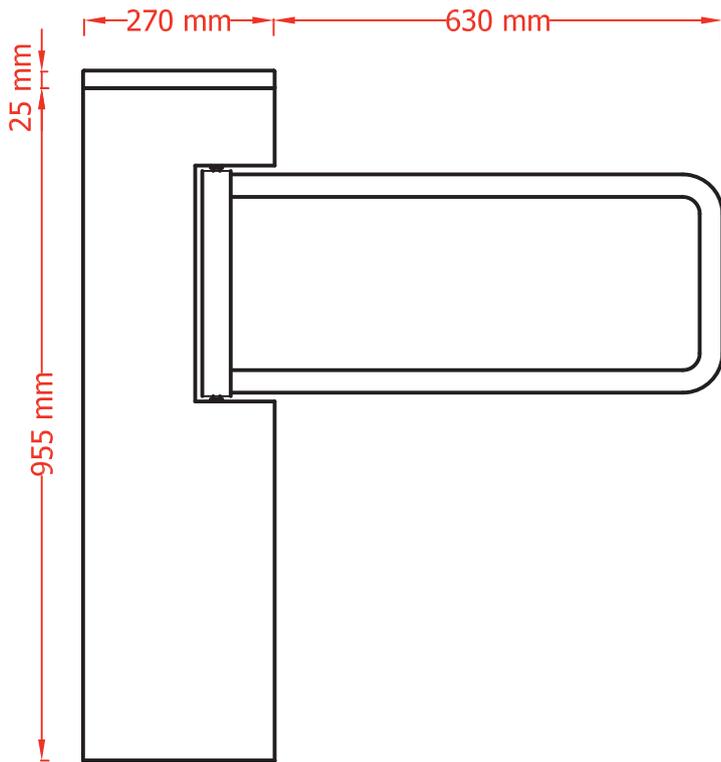
Between -15°C and +75°C, % 95 non-condensing humidity; 220V 50Hz

OPTINAL ACCESSORIES

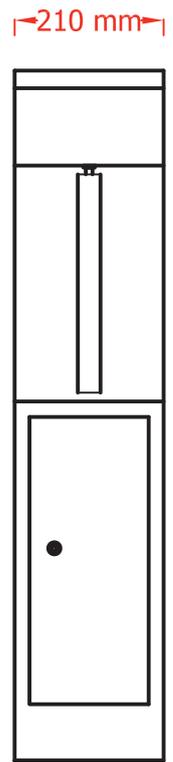
Warning lamp on top lid (emits light while turnstile is in motion)

TYPE DESCRIPTION

- M100 - 001 Motorized, Cabinet AISI 304 Quality Pre-Formed Stainless Steel
- M100 - 002 Motorized, Cabinet A1 Quality Steel (Galvanized + Painted + Baked)



SIDE VIEW



FRONT VIEW

