



Pedestrian Turnstile Rotating

MPT 13

Technical Data: Type

		MPT
Mechanism		Segment
Protection	IP	55
Supply Voltage	VAC	230
Frequency	Hz	50
Current	A	0.25
Duty Cycle	%	100
Throughput	P/min	20
Weight	Kg	325
Height	mm	2340
Diameter	mm	1500

Description

The MPT 13 series of security turnstiles are designed to control access, usually in perimeter locations outside of and away from principal buildings. This turnstile can be used for bi-directional access control applications, with a passage frequency of between 15 to 20 people per minute. The turnstile consists of a cylindrical cage and a centre column with 3 x 120 degree offset bars.

The controller and locking mechanism are mounted on top of the centre column in a powder coated sheet metal enclosure, where there is also space for additional access control equipment. As a rule, the turnstile may be installed directly to a concrete floor, or in the case of a sub floor, with an optional foundation ring. This sub floor foundation ring can also be used for installations on cobble stones and other paved areas.

Typical Installations

Industrial Plants
Military Zones
Public Venues
Sport & Leisure Areas
Administration Areas

Housing

Heavy gauge RHS Steel is used in the construction of the cage, and centre column that has U bars attached made of solid steel.

Both sections are fully "hot dip" galvanised after fabrication. Turnstiles can be powder coated to special colours available in consultation with our factory. Alternatively, the complete cage and column may be constructed from stainless steel, with tubular U-bars. It is possible to install access control devices such as card readers and intercoms on to the turnstile cage.

Technology

The Magnetic segment locking mechanism is extremely quiet and ensures smooth rotation with 3 x 120 degree indexing as well as end position damping. With power applied, the mechanism may be set for controlled access and/or egress, remaining securely locked in both directions until such time an authorised command is accepted. Alternative selective settings provide for free rotation on one direction or the other.

During power failure, the mechanism may be selected to rotate freely in either direction as required.

Controller

The electronic controller is located in the turnstile housing next to the locking unit. The controller provides interfacing from associated access control devices to activate the bi-directional release mechanism.

Options

During power failure:

- Locked entry - free egress
- Locked egress - free entry
- Locking both directions
- Free in both directions

Roof Sections
Counters
User guidance displays

