



MAGDRIVE

Info



MAGDRIVE SECURITY TURNSTILE

FULL HEIGHT

TURNSTAR 5.PUB

ISSUE 02 Feb 05

DESCRIPTION

The MAGDRIVE series of security turnstile are designed to control pedestrians entering or exiting restricted areas usually in perimeter locations with a passage frequency of between 11 and 16 people per minute.

The models utilize a centre column with a 4 x 90 alternatively 3 x 120 degree dividers, rotating in a cylindrical cage. One or two rotating columns may be assembled in a common cage to provide a single or double turnstile.

Commonly used in bi-directional access and egress situations the turnstile may be controlled by card access system or other remote devices which interface via the electronic control. The turnstile may be configured to give controlled access and egress in both directions alternatively controlled access in one direction and free passage in the other.

The turnstile can be mechanically released in the event of a power failure to allow free passage in one or both directions.

HOUSING

Heavy gauge steel pipe and rectangular hollow section are used in construction of the cage and centre rotating column. Constructed in modular form the turnstile is assembled from four separate sections which bolt together to form a rigid structure. The assembly is bolted to the concrete floor using dyna bolts or similar.

Finish options include Epoxy powder coat or hot dip galvanize. Stainless steel construction is also available.

MECHANISM

A Ratchet and Pawl mechanism with case hardened surfaces is engaged/disengaged by a heavy duty electrical solenoid. A leaf spring provides damping at rest positions. The mechanism may be assembled for fail safe or fail lock.

CONTROL PANEL

Electronic with relay switching of solenoids. Incorporates a time out function and user accessible self test system.

SPECIFICATION

Power supply	230V 50Hz AC
Control Panel	24V DC
Power Consumption	60 watt
Weight (single)	200Kg
(dual)	380Kg
Height	2125
Diameter	1400
Duty Cycle	100%