



TURNSTILE SYSTEM



Ezi Security Systems
SERIOUS SECURITY IS EZI

TURNSTILE SYSTEM

The Ezi Turnstile system is designed to control pedestrian movements within unmanned security locations. This will secure your perimeter from unauthorised use. Each system when combined with access control offers bi-directional pedestrian travel.

A passage frequency of 10-15 people per minute should be considered realistic. Pedestrian movements and timing of such is always dependant on the various types of control devices and their positions.

To overcome peak period flows, additional turnstile units should be considered. The addition of a service access and "disabled person" pedestrian gate may also be necessary.

"OUR TURNSTILES ARE COMMONLY USED ON FENCE LINES BUT CAN ALSO BE MODIFIED AND UTILISED WITHIN BUILDING COMPLEXES"

Various materials and finishes are available to our clients for consideration. These include: standard hot dip galvanised, stainless steel, aluminium and painted versions.

Our turnstiles consist of an outer cage and column, with each column designed as 3 wings and 120 degree segmented. The Ezi Turnstile is fully assembled and delivered to site in one piece. Installation is straight-forward and can be performed in a timely fashion.

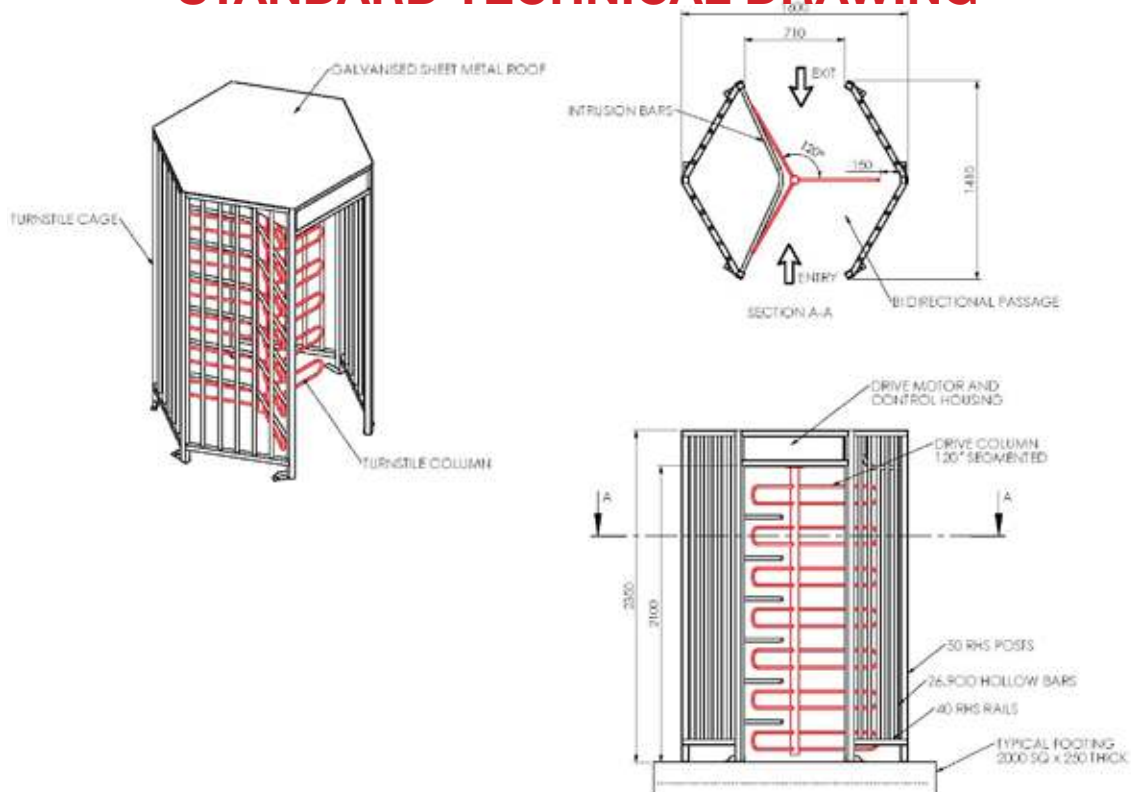
Each turnstile unit is controlled using true PLC. This controller is very reliable and utilises proven software programming. The power-assist movement of the turnstile column is achieved using a break motor, gearbox and variable speed drive unit. Speed and torque control is adjusted to suit the pace of passage.

Each Ezi Turnstile has an enclosed bulkhead which securely houses the drive systems and associated controls. All Ezi Systems are designed to offer safe and reliable performance all day, everyday.

** EZI MASTER MANUAL TURNSTILE SYSTEM M50 ARE ALSO AVAILABLE



STANDARD TECHNICAL DRAWING



STANDARD TECHNICAL SPECIFICATION

Turnstile width (front on)	1600mm
Turnstile width (side on)	1410mm
Turnstile height	2350mm standard
Turnstile opening	710mm
Turnstile frame	50mm sq RHS
Turnstile post column	3 wing, 120° segments
Turnstile verticals	26.9 OD
Turnstile roof	Checker plate (1.6mm)
Gate finish	Hot dip galvanised (optional 2 pack paint, stainless steel & aluminium upon request)
Turnstile bearings	Fully sealed
Locking	Lock on power fail or optional free wheel on power fail

Motor	0.75kw three phase brake motor
Gearbox	Worm drive (ratio's variable)
Brake	Electromagnetic, 24v DC
Drive sprocket	250mm diameter, mild steel
Drive chain	15mm sq
Control logic	True PLC, 24v DC
Drive logic	VSD 240v single phase to 240v three phase
Power supply	Regulated 240v to 24v DC
Position sensing	Proximity sensors, NPN 24v DC
Gate duty cycle	True 100% cycling as per Ezi's standard
Power requirement	240v, 15 amp supply
Current draw	4 amp running, 8 amp start up





Ezi Security Systems

S E R I O U S S E C U R I T Y I S E Z I

OUR PRODUCTS AVAILABLE

CRASH RATED RANGE



TRADITIONAL RANGE



WERRA RANGE



FOLLOW US ON



AUSTRALIA NATIONAL

1300 558 304

11 Cooper Street Smithfield NSW 2164

www.ezisecurity.com.au

Email: sales@ezisecurity.com