

## TRACKLESS BI-FOLD AUTOMATIC SECURITY GATES



### PRODUCT OVERVIEW

### RESIDENTIAL & COMMERCIAL

#### *Compact, Space Saving, Smooth and Quiet - Taking up Half the Space of a Standard Swing Gate*

The Motorised Gate Company's – **Trackless Bi-fold Automatic Gate & Bi-Fold Mechanism** is designed, owned and manufactured by TMGC in their Hallam factory - Melbourne. It is the perfect solution for those with difficult drives where a standard swing or sliding gate is not an option. It has been specifically designed for entrances with limited, restricted space & sloping drives for both residential and commercial applications.

When space requires a gate to only fold to one side or both sides but with limited space, we can install a solution that uses only two leaves each side that fold back out of the way in one direction giving maximum vehicular entry needed.

When the drive has an incline rising upwards that a standard swing gate would bottom out on the drive, the bi-fold design only takes up a half of the space solving the problem.

Unlike other bi-fold gate systems, this gate does not require a track either in the ground or overhead to fold the leaf back but uses a unique system specifically designed and produced by TMGC. Also, unlike other systems where the bi-fold mechanism is placed on the top of the gate thus restricting design choice, the bi-fold mechanism is placed on the inside of the gate with the motor, allowing unlimited design choices.

The gates are controlled by a programmable advanced control board allowing control over the slow down and ramp up speeds of the gates. Using this control board ensures a smooth and quiet operation of the gates. Also, for those without a separate pedestrian gate, pedestrian mode can be programmed so only one half of the gate opens allowing pedestrian access through the main gates.

Bi-folds are more than often installed where there is limited space, therefore PE Cells (photo beams) are installed to the front of the gates for extra protection for when the gates are closing, not allowing the gates to close on a car or person. With a centre ground locking system the TMGC Bi-fold is an extra secure gate as it cannot be pushed or forced open, giving your property added security.

## Custom Made to Your Chosen Design

### DESIGNED FOR:

- Residential, Commercial & Industrial Properties
- For Those Who Don't Have the Room to Fit a Standard Swing or Sliding Gate
- Entrances with Limited & Restricted Spaces
- Smaller Property Frontages
- Short & Narrow Driveways
- Sloped Drives
- Curved & U-Shaped Drives
- Drives with Side Walls - Retainer & Buildings
- Lane-Way Access
- Height Restrictions – Carparks, Garages & Carports
- Basement Parking & Access

### REASONS WHY ...

1. **Providing Security – To Those Who Never Could Before**
2. Allowing More Usable & Accessible Space – enabling two cars to park inside property
3. When a Sliding Gate & Tracks Encroach - across the path of pedestrian gate access
4. With the Bi-Fold Mechanism Taking On Some of The Weight of the Gate - means less wear & tear on the gate motor
5. The Bi-Folding Method of Gate Operation – requires considerably less power to operate than standard swing gates
6. With a Locking System – bi-folds are more secure than standard gates
7. Extremely Smooth & Quiet

### ADVANTAGES OF BEING TRACKLESS:

1. No Upkeep/Maintenance - keeping tracks clean from leaves and dirt
2. Driveway Stays Neat & Tidy
3. No Upheaval of Drive & Garden – to lay tracks & cement plinth
4. Commercial Sites - No Damage to Ground Track - from large, heavy vehicles
5. Aesthetically Pleasing
6. Extremely Smooth & Quiet

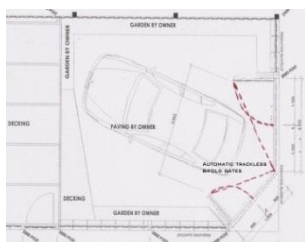
### EXTREMELY VERSATILE

**Corner Solution:** Combine Single Bi-Fold with a Sliding Gate

**Corner Solution:** Combine 2 x Single Bi-Folds coming into an angled close

**90 Degree Drive-in:** Combine Single Bi-Fold with a Sliding Gate

**Small Opening:** Combine Single Bi-fold with Single Swing Gate



## STANDARD INCLUSIONS:

### DOUBLE – 4 PANELS

- 1 x Set of Double Bi-Fold Gates
- 2 x Posts
- 2 x Bi-Fold Mechanisms
- 2 x Gate Operators
- 1 x Advanced Control Board
- 1 x Weatherproof Control Box
- 2 x Transmitters
- 1 x Battery Backup
- 1 x Set of PE Photo Cells
- 1 x Ground Lock
- Powder Coating

### SINGLE – 2 PANELS

- 1 x Single Bi-Fold Gate (max.3.2m)
- 2 x Posts
- 1 x Bi-Fold Mechanism
- 1 x Gate Operator
- 1 x Advanced Control Board
- 1 x Weatherproof Control Box
- 2 x Transmitters
- 1 x Battery Backup
- 1 x Set of PE Photo Cells
- 1 x Post Lock
- Powder Coating

## OPTIONS FOR ACCESS:

- Transmitters – 1,2 or 4 button
- Main Gate – Programmed Pedestrian Mode
- Keypad – main and pedestrian gates
- GSM Phone Access System
- Pedestrian Gate
- Lockable Handle & Striker Locks
- Push Buttons
- Programmable Auto Close
- Key Switches – to hold gate open
- Timers - 365 Day

## EXTRAS:

- Pedestrian & Side Gates
- Fence Panels & Pillar Inserts
- Solar Power
- Rising & Lifting Hinges
- Letterbox – standard styles & custom made
- Panels – Laser Cut Numbers & Mail Slots
- Emergency Basement Exit Buttons
- Ground Loop & Detector Wands
- Flashing Lights & Sounds
- Bollards

## PRODUCT SPECIFICATION

Maximum Span	6.5 Metres Drive-Through
Maximum Height	2.4 Metres
Frame Material	Dura-Gal RHS Steel – pre-galvanised steel
Inside Material	Varies with Design Choice
Posts	Mounted on Concrete Pad – Bolted & Glued (industrial strength)
Finish	Powder Coated
Power Requirements	240 Volts
Drive Motors	24 Volt DC Motor
Duty Cycles	100% Continuous Duty Cycle