

## BI-FOLD GATES

**B**i-Fold Gates are the perfect solution to securing car park entrances whilst allowing the maximum ventilation necessary to allow exhaust fumes to escape.

The leaf design is available in a standard format or purpose-made to suit individual clients' requirements to interface with and complement external building cladding features.

The design presents a host of advantages over other types of gate/door as it is simple in operation thus avoiding high maintenance costs associated with cables, springs, bottom tracks etc.

The Bi-Fold Gate particularly comes into its own when designers are faced with limited side-, head- or back-room which rule out rolling, overhead, hinged or sliding gates and the fact that the gates are sideways opening means that the leading edges are in constant view and therefore less prone to damage from vehicles passing through the opening.

### STANDARD SPECIFICATION

#### **Gate Leaves**

The gate leaves are available in various designs but typically comprise a 60 x 40mm RHS perimeter frame with 25mm diameter tubes or 25mm SHS uprights at 125mm centres. Higher gates have a mid-rail for strengthening purposes.

#### **Tracks**

The compact top guide track keeps headroom to a minimum and the door is supported on floor bearings at each side obviating the need for a bottom track, thus allowing a continuous floor surface.

#### **Gate Arrangements**

The standard arrangement comprises a pair of leaves each side folding at 90 degrees to the opening. Other arrangements are available – please contact the Sales Department.

#### **MAXIMUM SIZES**

6 metres wide x 4metres high (larger openings can be accommodated by matching over / side panels or Multifold Gates).

#### **ELECTRIC OPERATION**

The gates are electrically operated by two single phase motors mounted at the top of each gate with a common control panel and open/close/stop push buttons mounted adjacent to the opening. A wide range of control options is available including radio control, proximity readers, photocells, loops and timers.



Disconnection for emergency manual operation is provided in the event of power failure.

#### **SPEED OF OPERATION**

Approximately 200mm per second per gate leaf.

#### **FINISH**

The gates are galvanised as standard. Polyester powder coating in a wide range of RAL colours is an optional extra.

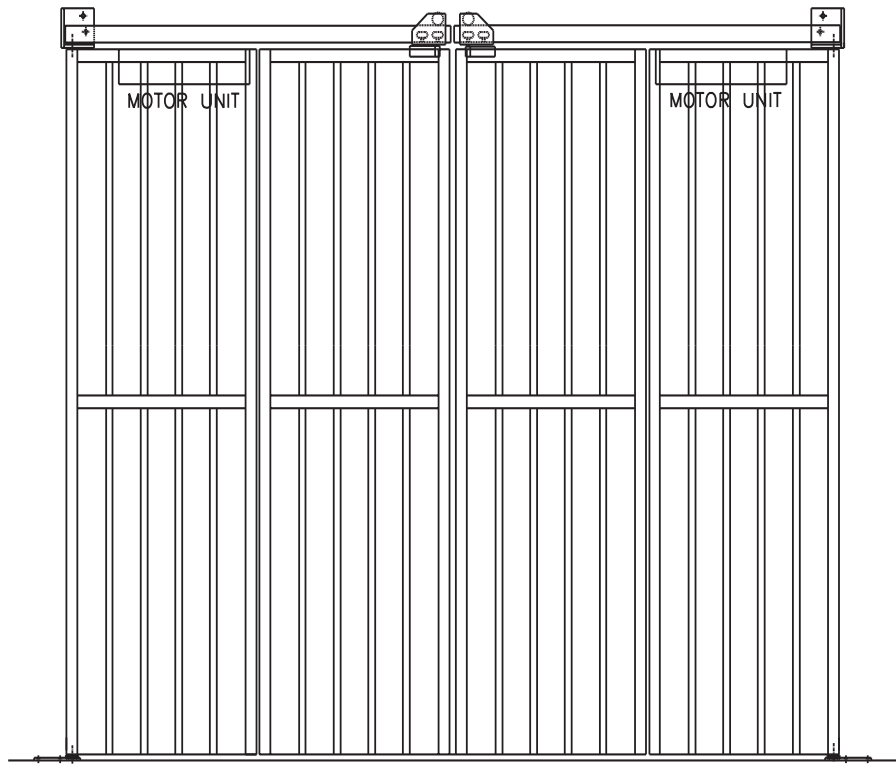
#### **WEIGHT**

Varies dependant on gate leaf design but typically 35 kgs per m<sup>2</sup>

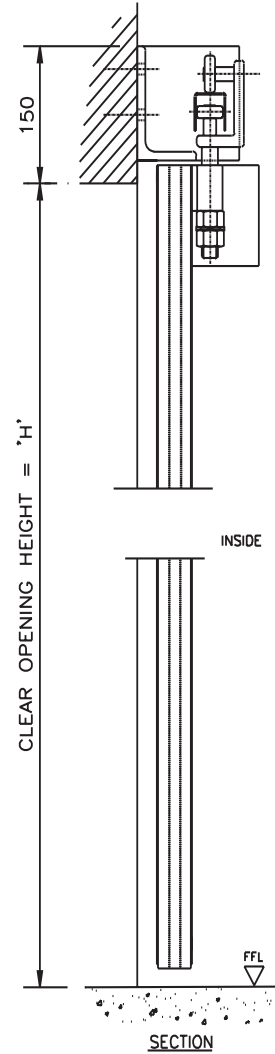
#### **OPTIONS**

- Wicket gates (in main gate or adjacent within in a matching fixed section)
- Polyester powder coating in a range of standard colours
- Remote control
- Photocells
- Timer close
- Loop detectors

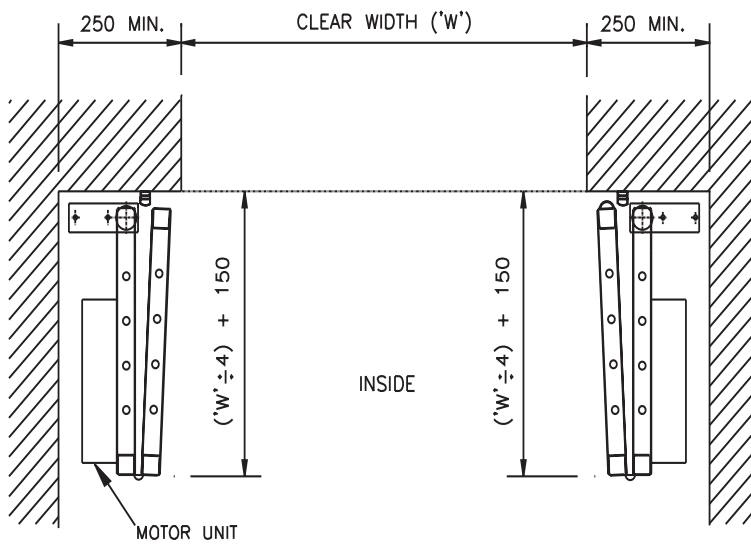
# BI-FOLD GATES



ELEVATION FROM INSIDE



CLEAR OPENING HEIGHT = 'H'



PLAN VIEW