

Bi-folding Double Leaf SpeedGate SGBD1
Road Traffic Speedgate

Technical Specification

- Drive:** Motorised
- Materials:** Gate Frame: 60 x 60 x 4mm RHS
Vertical Bar Infill: 32 x 32 x 2.5mm RHS150mm @ centres
Hanging Posts: 250 x 250 x 8mm
Drive Housing: Below road surface
Hinges: Heavy duty phosphor bronze with 'low maintenance' greasing points
- Finish:** Shot blast, galvanized and powder coated to a standard RAL colour
- Height:** 2400mm - 4000mm
- Width:** Max 7000mm
- Function:** Passage in both directions, electronically controllable.
- Mechanism:** The drive unit is a 230/400V, 50Hz low maintenance heavy duty motor with worm gear and built in electro-magnetic brake.
- Safety System:** Four (4) No. vertical safety buffers, fitted to gate leading edges.
Two (2) No. horizontal safety buffers, fitted to the bottom beam of the gate leaves.
Single infra-red beam between posts.
- Power Failure:** Emergency drive release in the event of power failure is possible by use of a removable crank handle.
- Fire Alarm:** Input facility available for 24V contact supplied by others to drive the gate open in the event of an emergency.
- Interface:** PLC control panel to be located in control cabinet adjacent to the gate to interface with the following systems:
- 24V access control systems
 - 24V remote operation
 - 24V emergency signal
 - Loop detection
- Outputs:** Gate closed contacts which will be Common, Normally-open/Normally-closed, volt-free, changeover contacts.
- Operating Speed:** Approximately 1000mm/sec
- Power Supply:** 240V, 50Hz, 1Ph or 415V, 50Hz, 3Ph
- Power Rating:** 16 amp fused
- Logic Voltage:** 24V DC
- Delivery Details:** The gate is delivered fully assembled and shall require lifting gear for off loading.



Product Description

Gunnebo Mayor SpeedGates are designed for high use, high security applications where it is imperative that unauthorised vehicles are stopped or where barriers do not provide a high enough deterrent and where standard sliding and hinged gates prove too slow.

Users include

- BBC
- Zurich Financial Services
- NCM
- Reading College
- Sun Micros
- Reckett Benkiser
- Prudential

Vehicle



Models Available

Road Traffic SpeedGate:

- Model SGBD As standard specification and cover page photograph, for high use applications, up to 1500 operations per day.
- Model SGTD For high use applications, up to 1500 operations per day, however where below ground base preparation may be a problem, perhaps due to underground services etc. (photograph shown at foot of page)
- Model Combi For lighter usage applications, up to 300 operations per day, lower cost solutions. Maximum size 2500mm height x 5000mm wide (photograph shown at foot of page)

Standard Accessories and Optional Extras

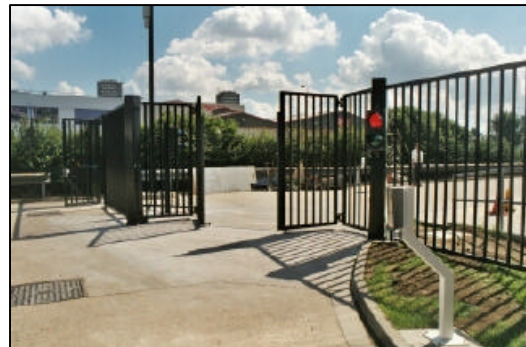
- Remote Push Button Console
- Free entry or free exit roadway induction loops
- Safety roadway induction loop installed either side of SpeedGate
- Card reader pedestals (Card readers customer supplied)
- Intercom pedestals (Intercom customer supplied)
- Red Green traffic lights.

Installation Examples

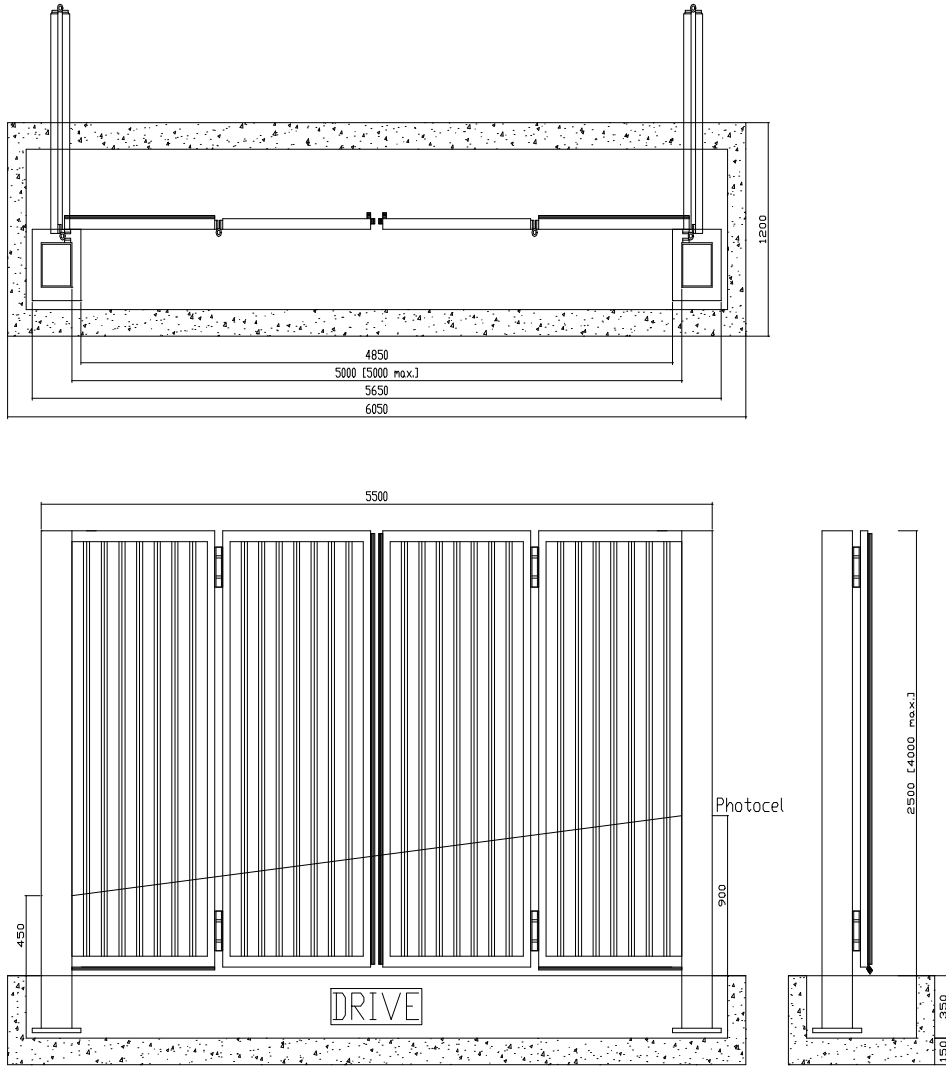
Model SGTD



Model Combi



Site Preparation Barrier SGBD1



GUNNEBO MAYOR

ENTRANCE CONTROL SOLUTIONS

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Note: In pursuit of its policy of continuous refinement and improvement, Gunnebo Mayor Inc. reserves the right to modify design and details.

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