

Pedestrian Access Solutions for Perimeter Protection

MRG Railway Pedestrian Swing Gate



- » **The MRG Swing Gate has been a market leader for more than 20 years.**
- » **These Railway Gates are designed for the control of pedestrian traffic through level and foot crossings, where safety and high usage is of importance.**
- » **The design of the automatic pedestrian gate is highly vandal resistant, and all components are of robust construction.**



Construction

Fully welded Australian made RHS steel is used in the gate frame and support posts, with 35 x 35mm RHS uprights and welded mesh panels. All fabricated steel is hot dipped galvanized for total protection and maximum life span. Gate, linkages, drive housings and posts are of robust construction to resist intentional damage by vandals. The gate hinges are designed for low maintenance with greased bushes and stainless steel pins.



Drive System

The drive system is a GTA210-50 mounted on a detachable mounting plate for fast exchange if required.



Safety

When a train approaches the crossing, an audible alarm is located in the drive mechanism sounds, followed by the closing of the gate, to prevent access across the tracks, while exposing the emergency exit. After the passage of the train, the alarm stops and the gate opens under power, once again exposing the walkway permitting access across the tracks and at the same time closing off the emergency exit. The audible alarm is an optional accessory.



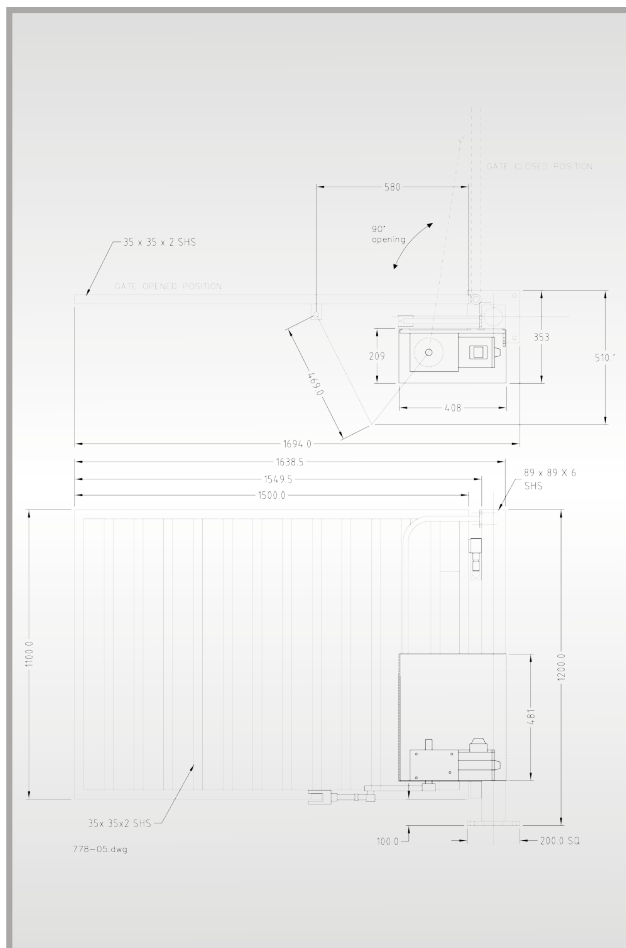
Technology

The Magnetic torque drive has a protective indexing clutch and shock absorbing springs built in to prevent internal damage in case the gate is forced against its motion during its operation. The torque motor can be stalled in any position without overheating or suffering any damage. Torque motors always produce a certain degree of heat so that there is no risk of freezing or condensation - even in cold climatic conditions.



Technical Data	Type	GTA 210-50	Technical Data	Type	GTA 210-50
Gate Opening	mm	1280	Thermo Overload	C	100
Gate Width	mm	1400	Motor Power	w	250
Gate Height	mm	1200	Voltage - Single Phase	VAC	110
Duty Cycle	%	100	Torque Output	Nm	100
Opening Speed	Sec	6	Rotation	Deg	190
Output Shafts	No	2	Warranty	Year	1
Warranty	Year	1	Protection	1P	55
Frequency	Hz	50/60	Current	A	2.6

Diagram provided for information purposes only



Example Installations



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