

TECHNICAL SPECIFICATION

10100 Series Cantilevered Gate Systems to suit all applications



INVENTION NOT CONVENTION



CSG RANGE

A range of cantilevered gates systems to meet all operational and aesthetic environments.

- **10101 Anti- Ram** high security gate designed specifically for 'anti-ram' applications
- **10101** a bespoke designed high security gate providing a high specification combined with continuous use rating
- **10103** the recently upgraded product – modular construction providing a low cost solution

All gate models are designed and manufactured by CSG to meet site specific requirements including opening width and height.

A wide range of infill options, gate leaf features and all gates can be provided with, spikes, barbed wire, serrated edge or any other feature which may be required.

A range of drive and control options to suit all gate models.

MODEL 10101 ANTI-RAM

- Gate structure is generally designed and manufactures as the model 10101. Additional steel 'beam' sections are incorporated into the gate leaf
- Motor and receptor posts are cast in concrete below ground level to provide improved support and protection of the structure against 'ram raiding'
- All anti ram gates are designed to suit specific site location gate and usually incorporates additional buttress walls and other civils elements to provide the necessary level of protection





MODEL 10101

Construction:

- Gate structure is manufactured from substantial mild steel sections to EN/BS standards
- Gate can be supplied to suit a maximum opening of 12000mm. Height of gate to suit any requirement
- Infill – any type of infill can be provided including sheet and timber cladding
- Posts including the receptor are manufactured from 1000mm RHS
- All running gear is heavy duty and utilises long life rollers and bearings

Drive: CSG's own manufactured heavy duty drive unit is fitted as standard and contained within a purpose designed lockable housing.

Controls: Gate can be controlled by a wide range of devices – radio control, card access, push button controls, vehicle detection loop systems, ANPR are typical operating systems.

Duty: CSG High Duty Drive –200C to +550C continuous use.

Mains Supply: 415V 150Hz rated 10amp.

Finish: All metal work: Shot blast to SA 2.5, Thermal Zinc Spray 200 microns, Zinc Phosphate Primer 200 microns, Acrylic/Urethane finish coat 200 microns.

SAFETY

- Standard supply – 2 sets of photo cells
- Active electrical safety edges – as required for gate leaf and/or posts



MODEL 10103

Construction:

- Gate structure is manufactured from mild steel sections and proprietary folded track to current EN/BS standards
- Gate can be supplied to suit a maximum opening of 8000mm. Height of gate to suit fence – standard heights 1800mm – 2400mm. Higher if required
- Infill – typically vertical bar infill utilising 25mm RHS but a range of infill options are available include palisade, bar & mesh etc
- Posts including the receptor are manufactured from 80mm RHS
- All running gear utilises long life rollers and bearings

Drive: Two options are available – standard comprises a proprietary sliding gate rack drive system or for very high use and duty CSG's own manufactured heavy duty drive unit.

Controls: Gate can be controlled by a wide range of devices – radio control, card access, push button controls, vehicle detection loop systems, ANPR are typical operating systems.

Duty: Standard Drive - duty cycle 40% @ 240C – typically up to 40 operations per hour CSG High Duty Drive –200C to +550C continuous use.

Mains Supply: Standard Drive – 230V 50Hz rated 15Amp, CSG HD Drive – 415V 150Hz rated 10amp.

Finish: All metal work: Shot blast to SA 2.5, Thermal Zinc Spray 200 microns, Zinc Phosphate Primer 200 microns, Acrylic/Urethane finish coat 200 microns.

- Audible & Visual 'gate moving' alarm
- Vehicle Detection Loop System
- Mesh behind bars to prevent limbs from being placed into moving gate leaf

**10100 Series
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to suit all applications**

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