

TECHNICAL SPECIFICATION

CSG 10610 Crash Tested Trackless Bi Folding Speed Gate (Patent Pending)



INVENTION NOT CONVENTION



PRODUCT OVERVIEW

The CSG 10610 is the world's first Crash tested Speed Gate, designed to prevent vehicle borne terrorist threat, capable of blending seamlessly with any building or site perimeter line, enabling discrete vehicle mitigation, and a field proven drive system that offers six second open/close time and delivers a continuous operation – 100% duty cycle.

The CSG 10610 Speed Gate requires minimal foundation depth of 360mm ideally suited to shallow and/or utility congested substructure.

The product is able to accept any architectural enhancement over and above its standard construction; it lends itself to continuance of any high security fencing specification, powered fence, security toppings across the normally vulnerable vehicular entrance to site.



CRASH TEST RESULT

7,500kg (7.5 Tonnes) @ 64 kph (40mph)

PAS68:2010: Swing Gate V/ 7500[N2] /64/90:2.2/0.0

TECHNICAL SPECIFICATION OF TESTED MODEL

Open Cycle Time:	6 – 10 seconds.	Hydraulic Pack:	Comprising electric motor/pump, reservoir, pressure relief valve, Flow control valves, electric solenoid valves, pressure adjustment and gauge. Hydraulic pack usually located in close proximity to gate or on gate post. Can be located within an IP rated 66 enclosure with electrical controls. Consult CSG for actual site specific specification.
Effective width:	4200mm (between hinge and receptor post).	Mains Supply:	230v 50Hz single phase 10amp utilising a frequency inverter or; 10 amp 3 phase 415V.
Operational Usage:	100% duty cycle – capable of continuous usage.	Controls:	PLC Based Gate Control System.
Configuration:	1 no. bi-folding leaf.	Locking:	Hydraulically operated locking pin secures arrestor system.
Post – Hinge:	250mm SHS.	Manual Override:	Yes.
Receptor Post:	250mm SHS.	Finish:	Grit blast SA 2.5, Hot Zinc Spray 50 microns, Polyester Powder Coat 60 microns to a specified standard RAL number. Gloss level 30%. NB: non standard colours refer to CSG.
Frame:	60mm SHS.		
Infill Bars:	30mm SHS.		
Lower Leaf Frame:	100 x 60mm SHS.		
Hinges:	4no per bi-folding leaf - CSG type with DU bearings, 25mm st/st pins.		
Mechanical Drive:	CSG patented design top drive system.		
Hydraulic Drive:	Hydraulic motor drive – fully adjustable providing a maximum torque of 240 Nm @70 Bar.		



CSG 10610

Trackless Bi Folding Speed Gate

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