



## TECHNICAL SPECIFICATION

### CSG 10640 & 10650

Crash Tested Trackless Bi Folding Speed Gate  
(European Patent No 1595050 - Drive)  
(European Patent No 2369126 - Arrestor)



#### PRODUCT OVERVIEW

The CSG 10640 and 10650 are the world's first crash tested speed gates. These have been designed to prevent vehicle borne terrorist threats, capable of blending seamlessly with any building or site perimeter line, enabling discreet hostile vehicle mitigation with a field proven drive system. They offer 9 second unlock and open time, 11 second close and fully lock time and deliver a continuous operation – 100% duty cycle.

CSG 10640 and 10650 Speed Gates require minimal foundation depth of 280mm ideally suited to shallow and/or utility congested substructure. This product has allowance for 100mm topping, 380mm embedment depth and finished surface and the gate structure is manufactured from proprietary mild steel sections.

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

#### CONTACT US

Call us on +44 (0) 1293 553888  
Email us [sales@covasecuritygates.com](mailto:sales@covasecuritygates.com)

#### CRASH TESTING

- Model 10640 crash tested to 7,500kg (7.5 Tonne) @ 64 km/h (40mph).  
Test rating: PAS 68:2010 V/7500[N2]/64/90:2.2/0.0\*
- Model 10650 crash tested to 7,500kg (7.5 Tonne) @ 80 km/h (50mph).  
Test rating: PAS 68:2010 V/7500[N3]/80/90:6.8/9.1\*

\* V/test weight [vehicle class]/speed [kmh]/angle:penetration/dispersion).

## DIMENSIONS

- Effective width: Maximum 4200mm (between hinge and receptor post).
- Effective Height: Minimum 2200mm.

## DRIVE

- Operational Usage: 100% duty cycle – capable of continuous usage.
- Hydraulic Drive: Hydraulic motor drive (European patent No 1595050).
- Hydraulic Pack: Hydraulic pack mounted onto hinge post. Includes hand pump for manual operation. Can be located adjacent to gate in an IP65 rated enclosure.

## CONTROLS

- PLC based gate control system.
- Locking: Hydraulically operated locking pin secures gate leaf.
- Manual override.

## SAFETY

- Designed to meet BS-EN13241-1 standard for installation, testing and ongoing compliance of automatic gate and door systems.
- All gate systems come complete with a through photo beam system between posts. Additional photobeams can be added for extra protection.
- The leading edges of the leaves are fitted with electrical rubber safe edges which if in contact with an obstruction will stop the operation of the gate.
- It is recommended that all installations include vehicle detection loop systems.

## FINISH

Polyester powder coated to a specific RAL No.  
Galvanised or galvanised and polyester powder coated to a specific RAL No.

## ELECTRICAL SUPPLY

Mains Supply: 230V 50Hz single phase rated at 10 Amp.

Please contact us to discuss your power supply requirements.



### Cova Security Gates Ltd

Unit C1, Sussex Manor Business Park  
Crawley, West Sussex, RH10 9NH, UK

[www.covasecuritygates.com](http://www.covasecuritygates.com)

✉ [sales@covasecuritygates.com](mailto:sales@covasecuritygates.com)

☎ +44(0)1293 553 888

🐦 @CovaSecurityUK

📍 Cova Security Gates Ltd

