

## RiseGuard RCS



### Description

RiseGuard RCS is an impact tested rising arm barrier, available as either manual or automatic and accredited to stop a 7.2 tonne vehicle at 40mph.

RiseGuard RCS is our tested rising arm barrier at a clear opening of 7.1 metres, accredited to stop a 7.2 tonne vehicle at 40mph by IWA 14-1. The robust and rigid construction of the barrier achieved a very low penetration with shallow foundations.

Available as manual or automatic, the automatic version is a PLC controlled hydraulic system has a hydraulic locking pin securing the boom in the closed position, not relying on impact for beam to engage catch. The manual version uses either a hand pump or drill drive hydraulic system, or counterweight attached to the beam.

The safety of the barrier features a standard 2ch. Loop amp for induction loops with options, subject to site risk assessment, of a laser scanner, photocells, light curtain or a Cat3 safety edge.

### Key Features

- Accredited by IWA 14 to stop a 7.2 tonne vehicle
- 100% duty rated for continuous use
- Low penetration Shallow foundations
- Manual or automatic operation
- Options for traffic lights or a boom mounted LED strip

### Accreditations

RiseGuard RCS 40: IWA 14-1:2013  
V/7200[N2A]/64/90:3.0



## Classifications

Product	Vehicle Weight	Vehicle Type	Test Speed (Kph)	Impact Angle (°c)	Penetration (m)
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RiseGuard RCS:  
V/7200[N2A]/64/90:3.0

7,200

N2A

64

90

3.0

Rated as an 7.1m clear opening.

## Specifications

Material	Operating Speed (auto)	Power (if required)	Span	Standard Foundation
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Posts: Steel  
Boom: Aluminium  
Shot-blasted, primed, and finished with a C4 protective paint coating.

15-20 seconds plus 3-4 seconds for the locking pin

230v 50Hz 16A

Minimum: 3.8 metres  
Maximum: 7.1 metres  
Tested at: 7.1 metres

400 mm (comprising 20mm blinding, 330mm C40 concrete, 50mm surface finish)