

CAR PARKING

CONTROL EQUIPMENT



**MIDLAND BARRIER COMPANY**

## RISING PARKING KERBS AND BOLLARDS

For those applications where a conventional rising arm vehicle barrier is deemed to be inappropriate, a suitable alternative can be a rising kerb or bollard. The principle of using a powered steel step buried in the road surface to control the movement of motor vehicles, has been in use in the parking industry since the early 1960s. Designed primarily for use in unmanned high vandal prone areas, its usage has today been extended to include high security risk (terrorist) areas. The rising bollard being a more recent innovation, designed to give the higher vandal resistance offered by a rising kerb, but with a less obstructive appearance.

### Rising Kerb

Hydraulically driven from its road side control cabinet, housing its state-of-the-art controller designed specifically for parking applications. Supplied with a set of red/green cast aluminium traffic lights fitted with high impact resistant Polycarbonet lenses. Designed with an adjustable pressure release valve to

control the degree of lift should any vehicle ignore the traffic light sequence and become trapped. Vehicle safety is provided by vehicle sensing loops imbedded in the road surface. The top cover and curved shroud are removable, allowing ease of access to the pit area to perform routine maintenance, and to remove debris likely to block the drainage system. The front panel of the kerb facing the traffic is chevron



marked in yellow and black to give maximum visibility in low light and poor weather conditions. All below ground steel work is protected by a coating of micaceous iron oxide MIO.

For more information, see overleaf.



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# RISING PARKING KERBS AND BOLLARDS

## Rising Bollard

The vertically rising post which is hydraulically driven from a road side cabinet, containing its pump, controls and traffic lights. This 200mm diameter post raises in 5 seconds to a height of 800mm, providing an effective alternative to traffic barriers and rising kerbs. Vehicle safety is provided by vehicle sensing loops embedded in the road surface. The rising post is located within a tube that is itself located in a foundation tube, which is cemented into the ground.

## Kerb Specification:

- Grade A classification to BS6571/4
- 2 metre wide moving kerb
- 300mm height above road when raised
- Operating speed 2-3 seconds
- Die-cast aluminium traffic signals
- 200mm Polycarbonet lenses
- Electro-hydraulic ram
- Zintec steel control cabinet
- High duty cycle operation
- Adjustable pressure release valve
- MIO protection to sub frame
- 230V 50Hz supply
- Optional anti-vandal traffic light hoods
- Optional 100mm Polycarbonet traffic lights
- Optional manual hand pump, maintain position on power fail

## Bollard Specification:

- 230V 50Hz supply
- 200mm diameter post
- 800mm high
- 5 seconds operating time
- Weight of post 160Kg
- Black colour with yellow top band
- Optional traffic lights
- Optional BS and RAL colours



## Midland Barrier Company

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### Products

Parking Barriers ~ Manual Barriers ~ Security Barriers ~ Rising Parking Kerbs and Bollards ~ Turnstiles and Pedestrian Control Gates ~ Parking and Security Posts ~ Bollards ~ Directional Flow Plates ~ Ticket Issuing Machines ~ Signs and Wheel Clamps ~ Height Restrictors ~ Access Control Equipment ~ Road Safety Barriers ~ Kiosks and Modular Buildings ~ Barrier Accessories ~ and more...

### Services

Ground Works ~ Installations ~ Maintenance and Servicing ~ Repairs ~ Bespoke Equipment

We operate an ongoing product development policy and reserve the right to change specifications without notice.