

Automated Barriers: Bollards

An important part of protecting property, staff and visitors is restricting access for non-authorized people from restricted areas, both pedestrian and vehicles.

The simplest, most effective and cost effective method of restricting vehicle access is by installing bollards.

CDI Services specify to provide tailor made solutions to best suit your needs. From manually operated single bollard systems, to integrated multiple barriers with automated sensor control or remote operation.



Types of Bollard Available

FOLDING	RISING	HOOPED	ANTI RAM RAID
<p>A bolt down or spigot-based models are used depending on the ground type, solid or loose, providing a visual deterrent.</p>	<p>The telescopic posts gives the strongest mounting, and are hidden away when not in use.</p>	<p>Detachable and fixed hoop barriers offer an ideal means of securing larger perimeters, denying vehicular entry while still allowing pedestrian access.</p>	<p>Telescopic bollards in heavy-duty materials designed to provide a greater level of security to at risk areas, such as shop fronts or goods-in areas and shuttered entrances.</p>

Products and Manufacturers

CDI Services are not tied to any manufacturer. Therefore we will specify the best product available according to the customer's needs and budget. As every client's requirements are unique we recommend a free of charge site survey with no obligation to purchase. This allows us to discuss all options so we can then propose the correct solution to meet the individual clients needs.



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Providing bespoke solutions for the **C**ommercial, **D**omestic and **I**ndustrial market is our speciality.



Electro-Hydraulic Bollard Features

- Operation time of 4 to 8 seconds dependant on manufacture and type
- Manual override in the event of an emergency or power failure
- Optional electro-valve and coupling, automatically lowers the bollard in the event of a power failure
- Optional built-in flashing lights during operation
- Armoured varieties are available providing protection to shop windows, warehouse units, car showrooms, banks and access where high security is required
- One or more bollards can be installed and operated together or individually

Parking Barriers Features

Parking barriers give you your car parking space back with the extra benefit of added security. Automatic or remote operators work from the safety and security of your vehicle using remote control. Controls can be programmed to enable passage to single or multiple bollards for individually assigned or shared access parking spaces.

Multiple or single person access. Any number of remote controls can be provided, so every member of staff or your family could have access to the restricted area or space.

Battery back up systems can be fitted giving the added reassurance of enabling use in the event of a power failure. Over-ride devices for emergency services are fitted as standard.

Electronic Control Unit – For that Added Peace of Mind

The control unit can be operated in automatic or semi-automatic mode and is designed to accept a plug in radio receiver card. Easily integrated with access control and safety equipment such as traffic lights, photocells and ground loops. Integral LEDs indicate faults detected. Electro-valve with couplings for automatic lowering in the case of a power failure

Options and considerations - A tick list

- Fixed or telescopic
- Removable or permanent
- Reinforced anti-ram posts
- Parking posts
- Integrated locking
- Bollards or hoop barriers –in a variety of sizes and finishes
- Ornamental or functional
- Automatic, remote or manual operation
- Integrated with access control systems

Bollards offer a high degree of security and protection, and will compliment new or existing physical and electronic security systems such as CCTV, Access Control, Gates, Fencing, Barriers, Grilles and Shutters to provide optimum security to your premises.

For a no obligation free site survey or further information on **automated access control options**, or any other **CDI service**, please contact our team at:



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