



The Rising Bollard is designed to provide:

- Security and access control to sensitive sites
- Control of pedestrian areas and urban traffic
- Dissuasive perimeter control with free movement of pedestrians
- Protection of shop fronts and building façades

Automatic bollards RB 60/RB 80

**Advantages:**

- Unobtrusive appearance in lowered position but dissuasive effect in raised position.

**Application criteria:**

- Regular passage of vehicles.
- Withstands cars attempting to bypass the obstacle.
- Alternative solution in certain architectural environments.
- Enhances and protects access to car parks using a rising barrier.
- Height above ground: 600 or 800 mm (24" or 31").

**HIGH SECURITY**

- High impact resistance.
- Guaranteed operation after impact up to 6,000 joules.

**RELIABILITY**

- High resistance in lowered position with continuous passage of heavy vehicles.
- Hydraulic system to ensure smooth movements.

**PROTECTION**

- Reduced rising force before obstacle is locked in upward position.
- Bollard is equipped with safety systems to protect vehicles and pedestrians located in the obstacle's manoeuvring area.
- Movements are indicated by audio and visual signals.

**MODULAR SYSTEM**

- Manual or fixed version.
- Suited for in-line operation.

**AESTHETICS**

- Design suits any type of environment.
- Bollard completely invisible in lowered position.

**RETURN ON INVESTMENT**

- Low operating costs.
- Logic-based operation diagnostics.

**Stainless steel obstacle**

- Height: 600 (RB 60) or 800 mm (RB 80) (24" or 31")
- Diameter: 275 mm (11")
- Reflective tape in upper part.
- Upper and lower rings of cast aluminium.
- Opening speed: 6 to 8 sec depending on height.
- Impact resistance: 6,000 joules (continued operation guaranteed).

**Electro-hydraulic system fixed to the carrying structure for :**

- smooth and powerful raising and lowering (based on the double effect technique).

**High-resistance carrying structure made of steel Galvanised iron casing to be sealed in a concrete foundation**

**Control logic**

- Remote from the obstacle.
- Can control several obstacles by adding extension card(s).
- Operation diagnostics (LEDs).

**Options**

- In-line operation.
- 16 flashing LEDs in the upper ring and 1 central led on the horizontal surface.
- Intermittent audio signal.
- Heated ring (to ensure optimum operation in case of sustained snowfall or frost).
- Bollard lowered in the event of a power failure.
- Hermetic casing to be sealed with immersion pump (where discharge via drainage or via connection to the sewerage system is not possible).

