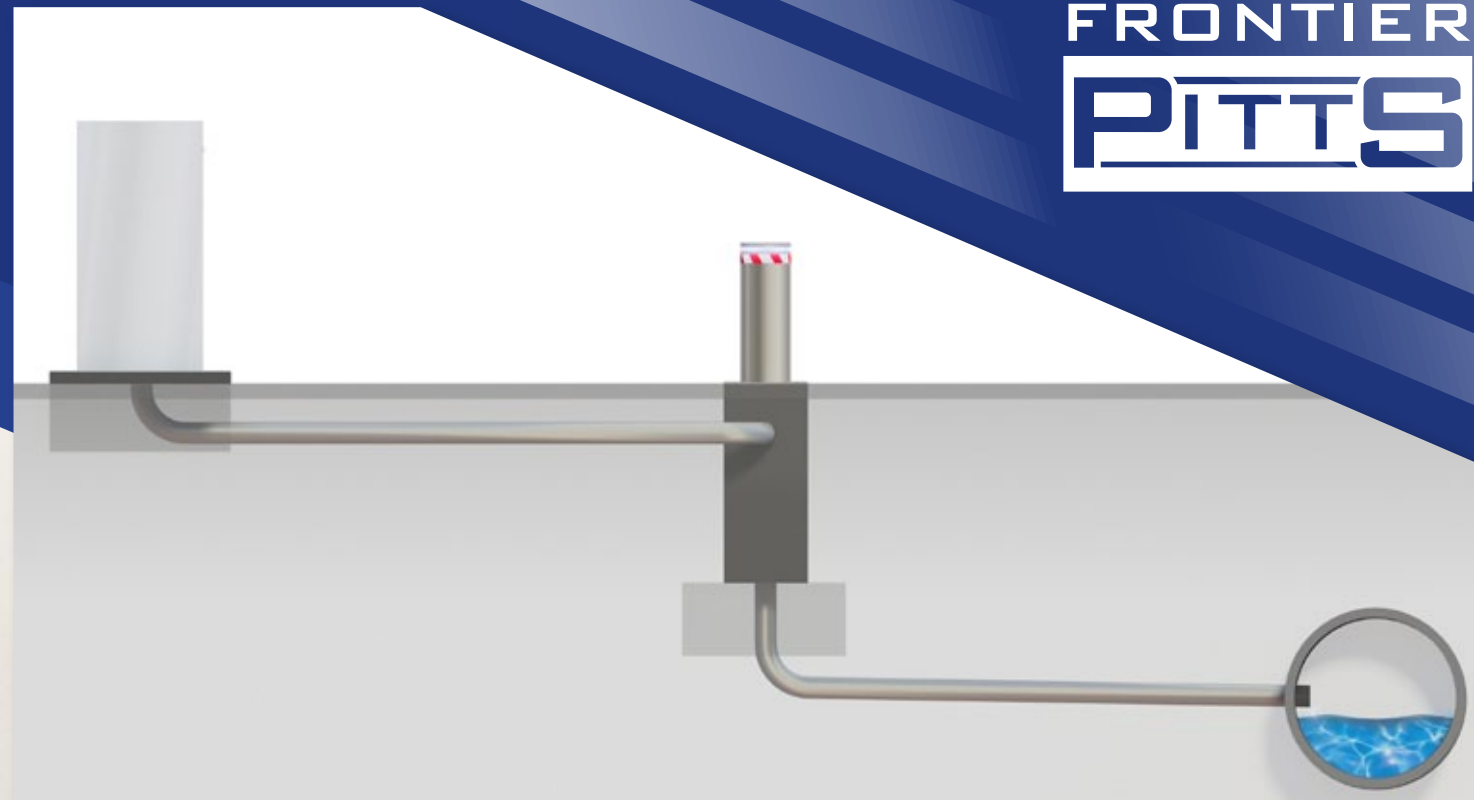


GATES | BARRIERS | BLOCKERS | BOLLARDS | PEDESTRIAN

FRONTIER
PITTS



FRONTIER PITTS SECURITY
«BOLLARDS»

BRITISH PERIMETER SECURITY SPECIALISTS

Frontier Pitts Ltd., Crompton House, Crompton Way, Crawley, RH10 9QZ
tel +44 (0)1293 548301 email sales@frontierpitts.com web www.frontierpitts.com



BOLLARDS

Bollards are designed to offer an impact-resistant barrier to vehicle access, whilst allowing access to pedestrians. Bollards give added security where vandalism is a risk. Such installations may range from public pedestrianised areas such as shopping centres and complexes, stadiums, sport centres, promenades, airports and ports.

Frontier Pitts hydraulically driven automatic rising bollard has a lift height of 600mm. Automatic Rising Bollards have a 100% duty rating; they will operate an unlimited number of cycles per hour.

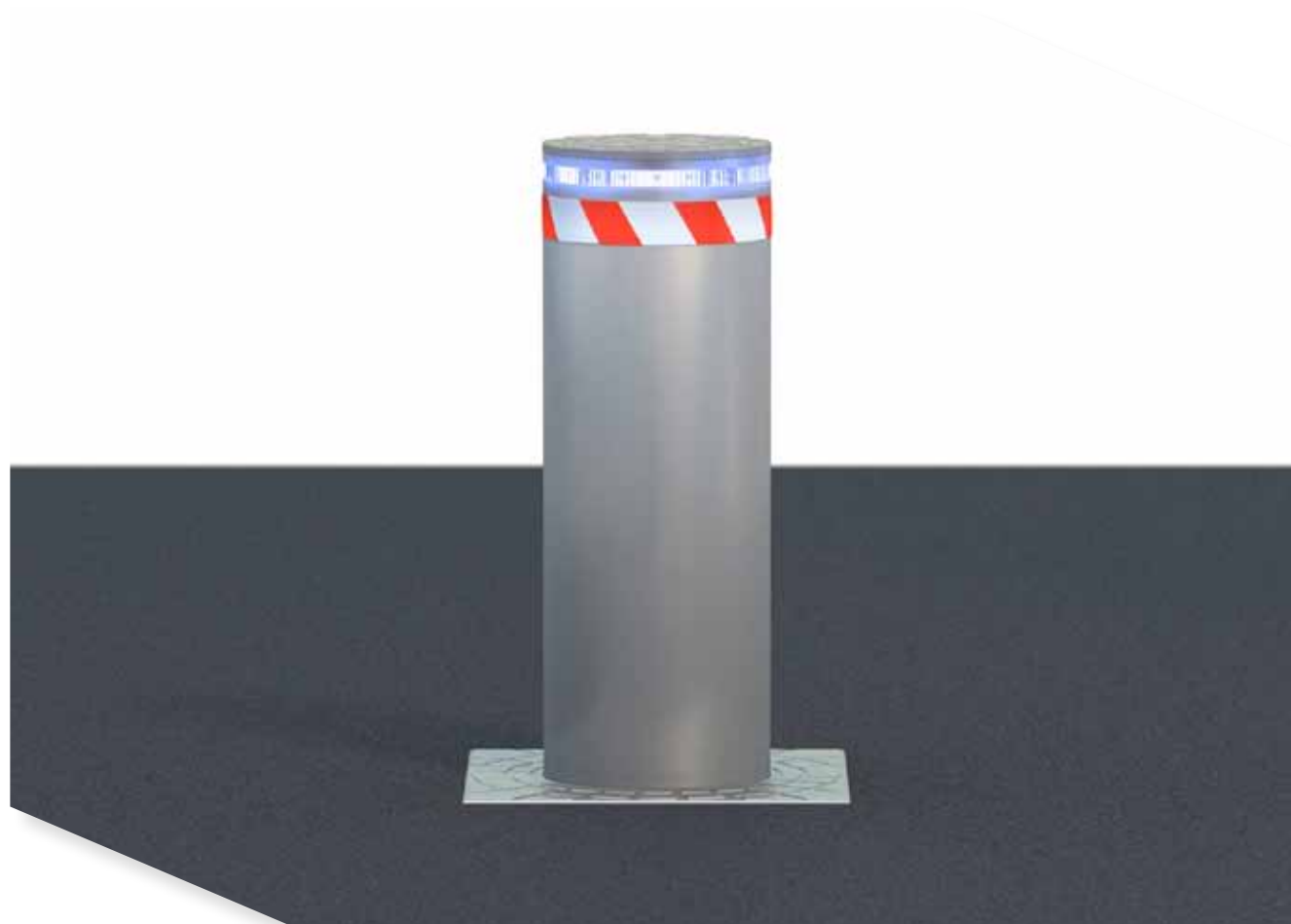


*“ We deliver more than just products from ”
our UK HQ in Crawley, West Sussex*



Edinburgh, Scotland

iBOLLARD



The hydraulically driven iBollard provides higher levels of security with built in stopping power, and are used for premises such as depots, cargo parks, ports and lorry parks.

- Lift height of 600mm
- Diameter 215mmø
- Bespoke manufacturing

BENEFITS & FEATURES

- Stainless Steel finish
- Provides a simple solution and added security to sites where vandalism is a risk
- 100% duty rating - designed for continuous and frequent use
- Traffic light System, with Industrial bulbs with failure sensor
- Instantly Reversible Industrial hydraulic pump drive unit with Motor protection and Switched fused supply
- Security lock on cabinet door
- Reinforced hoses for long service life with hydraulic seals

OPERATING SPEED

- Typical operating speeds of 5-9 seconds* depending on configuration

OPTIONS

- Signs, Traffic light systems, Vandal resistant light cages
- Can be interfaced to any access control systems

SAFETY

- Vehicle detector loops
- Safety photocell beams, light curtain and ultra-sonic sensors
- Signage, audible alarms and flashing beacons

CIVIL REQUIREMENTS

800mm²

D: 1180mm

Control Cabinet Foundation:

800mm²

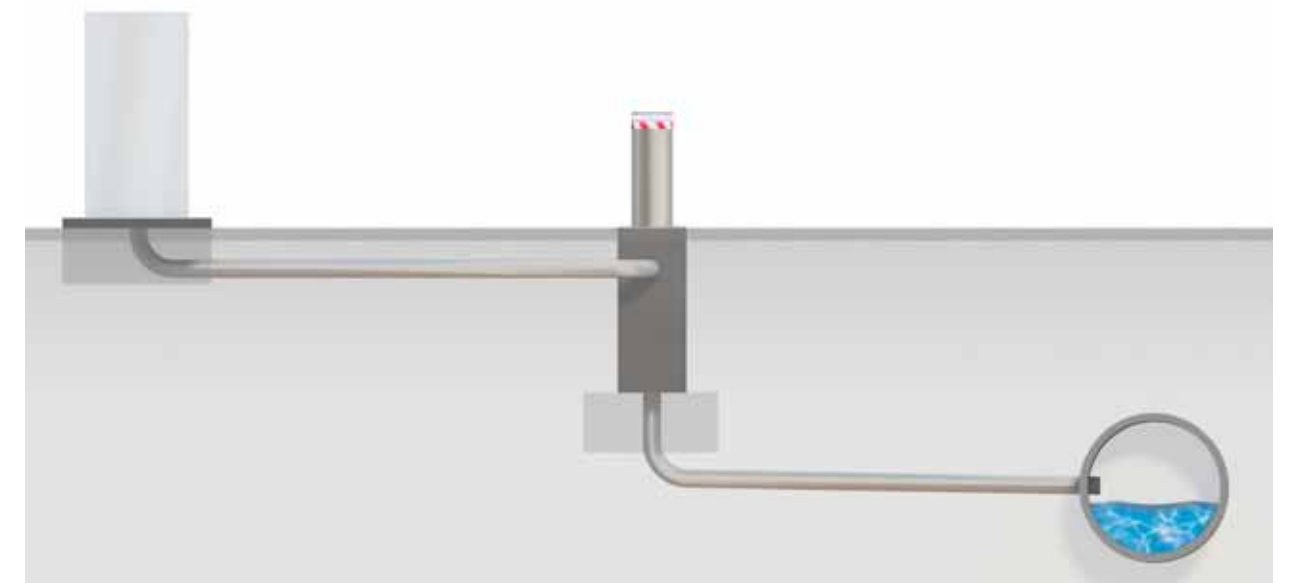
D: 300mm

- It is recommended that the rising bollard's control cabinet is installed within 10metres of the unit.

Note: Power and control wiring ducts to be incorporated into foundations

ELECTRICAL REQUIREMENTS *

- Power is supplied from a single phase 230v power supply



Applications: The iBollard provides high security protection traffic control to sites that are vulnerable to threats and vandalism.

* This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453