FirstFence®
HIRE & SALES

BFT Pillar Automated Bollard

Specification Sheet

SPC-BOLLARD-012A



Call our Expert Sales Team for more information.

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Advanced Vehicular Access & Maximum Perimeter Safeguarding

Engineered for very intensive usage and robust security, the BFT Pillar Series Hydraulic Automatic Bollards provide reliable traffic regulation for busy commercial hubs, restricted zones and high-security sites such as government buildings, airports and date centres.

The tough steel construction, featuring up to a 10mm-thick casing for superior impact resistance, and hydraulic drives ensure smooth, powerful operation and durability for up to 3000 cycles per day across all types of demanding conditions.

Installed flush within a reinforced underground foundation, they actively prevent unauthorised vehicle entry while maintaining an elegant profile, with an LED crown light and rear-reflective strip to ensure visibility in low-light conditions.

Key Features

- High-Intensity Hydraulic Operation
  (Engineered for up to 3000 cycles per day)
- Maximum Impact Resistance
  (Steel construction with 10mm thick casing on Pillar B 800)
- Fail-Safe & Fail-Secure Configurations
  (Adaptable security options depending on site requirements)
- Enhanced Low-Light Visibility
  (An integrated LED crown light and rear reflective strip ensure visibility)
- Imposing Physical Barrier
  (Provides a strong physical deterrent with an architectural appearance)



Suitable For

- Critical Infrastructure & Data Centres
- Government & Military Installations
- Airports & Transport Hubs
- Corporate Campuses & Commercial HQs
- Pedestrianised City Centres

See the full Automated bollard range here CLICK HERE

Choosing the Right BFT Pillar Bollard for Your Project

STEP 1: SELECT HEIGHT AND IMPACT RESISTANCE

Pillar B 600: 600mm tall with a 6mm steel casing offering 20,000 Joules of impact resistance and 250,000 Joules of breaking resistance.

Pillar B 800: 800mm tall for maximum physical deterrence and visibility using the same 275mm diameter design.

Pillar B 800 10mm Skin: Upgrades the casing thickness to 10mm, drastically increasing the breaking resistance to 667,000 Joules for high-terror or critical infrastructure risks.

STEP 2: CHOOSE POWER FAILURE PROTOCOL

Fail Safe (Standard): The bollard automatically lowers into the ground if mains power is lost. Choose this for public plazas, residential areas, or lanes where emergency vehicles must have access during power outages.

Fail Secure: The bollard remains locked in the raised position during a power cut. Choose this for high-security facilities, data centres and government sites where perimeter defence cannot be compromised under any circumstances.

STEP 3: CHOOSE THE EXTERIOR FINISH

Painted Steel: A resilient powder-coated grey (RAL 7015) finish that blends well with urban streetscapes and standard commercial properties.

Stainless Steel: A premium stainless steel finish offering superior corrosion resistance and a sleek, contemporary appearance for corporate or modern settings.

STEP 4: PLAN THE CONTROL SYSTEM CAPACITY

A single BFT PERSEO control panel can manage and synchronise up to four Pillar B bollards simultaneously on the same system.

If your perimeter requires more than four bollards, you will need to map out multiple control zones and additional panels.

STEP 5: SELECT SAFETY AND ACCESS ACCESSORIES

Safety: Because these bollards rise in just 5-6.5 seconds, safety systems like underground proximity loops or photocells are highly recommended to prevent the bollard from deploying while a vehicle or pedestrian is overhead.

Access Control: Integrate the system with your preferred entry method, such as remote controls, GSM modules (dial-to-open from a smart phone), or localised keypad entry.

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Technical Specifications

PRODUCT	HEIGHT	DIAMETER	RISING TIME	PROTECTION RATING	FREQUENCY OF USE	OPERATIONAL TEMP. RANGE	KIT CONTENTS
BFT PILLAR B 600 HYDRAULIC AUTOMATIC BOLLARD SINGLE KIT	600mm (above ground)	275mm (6mm shaft thickness)	5 Seconds	IP67	3000 Cycles Per Day	-40° TO 60°	Bollard (1) In-Ground Foundation Case (1) Mitto Cool Fob (2) PERSEO Control Panel (1)
BFT PILLAR B 800 HYDRAULIC AUTOMATIC BOLLARD SINGLE KIT	800mm (above ground)	275mm (6mm shaft thickness)	6.5 Seconds	IP67	3000 Cycles Per Day	-40° TO 60°	Bollard (1) In-Ground Foundation Case (1) Mitto Cool Fob (2) PERSEO Control Panel (1)
BFT PILLAR B 800 HYDRAULIC AUTOMATIC BOLLARD SINGLE KIT 10MM SKIN	800mm (above ground)	275mm (10mm shaft thickness)	6.5 Seconds	IP67	3000 Cycles Per Day	-40° TO 60°	Bollard (1) In-Ground Foundation Case (1) Mitto Cool Fob (2) PERSEO Control Panel (1)

Prefer just the bollard?
Each BFT Pillar B unit can be purchased on its own, complete with the in-ground foundation case.



General Specifications

Bollard Material: Steel
Manual Operation: Reversible with no power
Finish: Stainless Steel or Slate Grey (RAL 7015)
Motor Type: Automatic
Limit Switch: Reed Magnetic Sensor
LED light crown and rear reflective strip
Fail Safe and Fail Secure option

Impact/Breaking Resistance

BFT PILLAR B 600 & 800
Impact Resistance: 20,000 Joules
Breaking Resistance: 250,000 Joules

BFT PILLAR B 800 10mm SKIN
Impact Resistance: 20,000 Joules
Breaking Resistance: 667,000 Joules



The BFT Pillar B Series is a heavy-duty bollard designed to secure perimeters and manage vehicle traffic. Built for busy environments, its smooth hydraulic system can handle up to 3,000 uses per day.

KEY FEATURES

Size & Finish: 275mm wide and available in 600mm or 800mm heights. Choose between slate grey or rust-resistant stainless steel.

High Visibility: Built-in LED lights and reflective strips make it easy to see at night.

Weatherproof: Fully sealed against dust and water (IP67 rating).

POWER OUTAGE OPTIONS

Fail Safe: Automatically lowers during a power cut so vehicles can pass. Best for public areas and emergency access.

Fail Secure: Stays raised during a power cut to keep the site protected. Best for high-security locations.

INSTALLATION

Installation should be performed by a qualified professional. A full risk assessment is required to ensure compliance with current safety and electrical regulations.

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