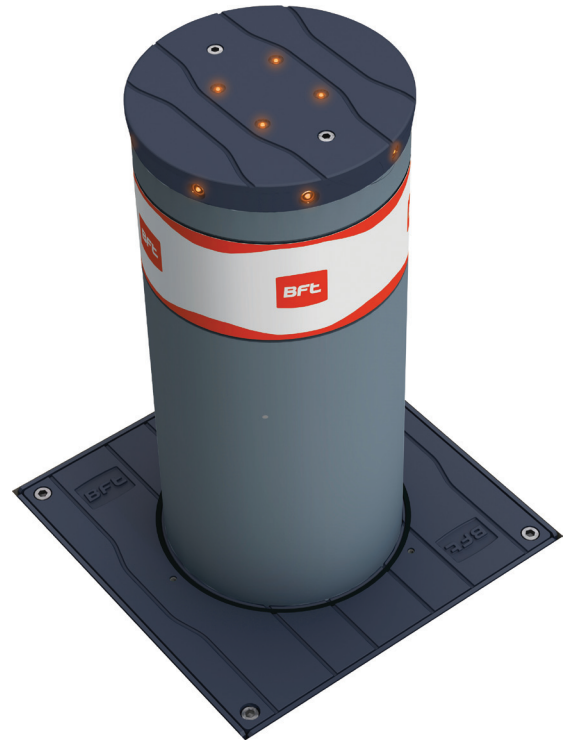




## THE NEW, RE-DESIGNED STOPPY BOLLARD FROM BFT

- Electromechanical Rising Bollards - fully assembled, pre-wired and ready for installation, no hydraulic plumbing.
- Available in 500mm or 700mm, standard finish RAL 7015. Also available in stainless steel grade AISI 304 and a RAL colour - contact us for information on this option.
- Slowdown in both directions. High intensive duty cycle.
- Speed - 6 seconds for the 500mm and 9 seconds for the 700mm.
- The control panel can operate up to 4 bollards simultaneously. Independent movement requires additional control panels.
- **Self-contained Hydraulic Bollards also available - Please contact us for more information.**



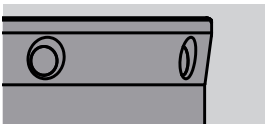
## ADVANTAGES

**Varied range:** Thanks to the many versions and types of operators, STOPPY MBB makes it possible to install the most suitable product according to site and installation requirements. Available in standard (500mm) and tall (700mm) versions, it is supplied with RAL 7015. It is also available in Stainless Steel and different RAL colours - contact us for more information.

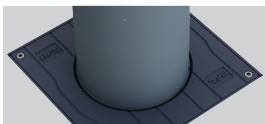
**Preparation for installations:** With the Stoppy MBB the installer is able to install the foundation case in order to prepare for installation. The operator can then be installed at a later stage.

**Maximum visibility also in poor visibility conditions:** To guarantee maximum safety of installations in poor visibility conditions, at night or with fog, STOPPY MBB is supplied with flashing/fixed lights both on top and on the side of the outer case.

## BENEFITS



**Conical stem cap:** The special conical shape of the encapsulated resin light kit, in combination with the EPDM gasket, reduces debris penetration up to 80% considerably improving the protection of the outer tube.



**Square flange:** The new square base plate guarantees total integration of rising bollards in different urban settings (block paving scenario's) and therefore reduces their visual impact.



**Raised output channel for cable:** Simplicity and easy installation are a traditional goal for BFT. The cable inlet, together with the limit switch and connection box (aka the junction box) have been raised to a higher position and are now at the top of the foundation casing. This guarantees total comfort during installation and maintenance operations.



## Technical specifications


	Stoppy MBB 500	Stoppy MBB 700
Automation power supply	230V	
Absorbed power	300W	
Opening or closing time	6s + slowdown	9s + slowdown
Type of limit switch	REED magnetic sensor	
Slowdown	Yes	
Thrust	70Kg	
Max load with raised stem	300Kg	
Max static discharge with lowered stem	15000Kg	
Max dynamic load	100Kg	
Impact reaction	8000J	
Lock	electric brake	
Manual release	reversible in case of black-out	
Operating cycle	Very intensive use	
Operating temperature	-15° to + 60°	
Degree of protection	IP 67	
Actuator weight	90Kg	110Kg



## ACCESSORIES

	<b>TRAFFIC-LIGHT-LED</b> 24v AC/DC Red/Green <b>LED</b> Traffic Light		<b>PARKY-LIGHT</b> 230v Red/Green <b>Bulb</b> Traffic Light		<b>STOPPY BAT</b> Battery back-up for Stoppy. Keeps the bollard in the raised position in the event of a power failure.
	<b>TBA P800037</b> Totem for STOPPY, bottom element containing panel and accessories		<b>TSU P800038</b> Totem for STOPPY, top element for fitting control accessories		<b>TL P800039</b> Traffic-lights for STOPPY totem
	<b>TPF P800040</b> Foundation and anchor plate for STOPPY totem		<b>LOOP DETECTORS</b> We stock a variety of Loop Detectors and Loop Cable. Contact us for more information.		<b>MITTO 2 12V D111750</b> 12V two-channel transmitter 433 MHz rolling code

## CONTROL UNITS

	<b>PERSEO CBD</b>	
	Application:	Control unit for max. 4 Stoppy actuators
	Board power supply:	230V single-phase
	Operator power supply:	230V single-phase, 3Amax
	Main features:	display programming, configurable outputs, 230V 40W flashing light or traffic light output, 24V 1A accessory output, built-in radio receiver with 2048 code memory, radio connector with additional connector, connector for programming with PROXIMA
Main functions:	programmable human presence, semi-automatic and automatic control logics, Termon function (to regulate the temperature difference between bollard and environment without using additional heating elements), traffic light management, pre-flashing,	
Compatibility:	Perseo 2	