



Empowered by
U-LINK

BARRIERS & BOLLARDS

Access solutions for commercial,
industrial, and urban environments





About **BFT**

Established in 1981 in Thiene, Italy, BFT built its strength on a simple but powerful idea: listen to customers, respond with quality and support, and never compromise on reliability. In 2004 BFT became part of the SOMFY Group, a multinational and world leader in the field of automation. Since then, BFT Automation has grown into a global brand, supported by more than four decades' experience in the automation industry. At BFT Automation, excellence is a tradition we uphold with every solution we build and every service we provide.

Locations & Coverage

We support customers across the UK and Ireland from three key locations: in Stockport, Swindon and Dublin. Our Stockport site is home to a 19,000 sq ft UK distribution centre and trade counter from which we supply customers across the UK, whilst a second warehouse in Dublin covers distribution in Ireland. These warehouses ensure stock availability, fast dispatch and easy access to the products you need. With these three locations working together, we can deliver nationwide coverage and support.

Customer Support & After-Sales

As a leading manufacturer and distributor of automation technology, we've built a reputation for outstanding customer service and industry-leading technical support. Our products are known for being robust, reliable, and crafted to the highest standards. We can advise you throughout the process, from motor selection to configuration and set-up, we're here to guide you every step of the way – with after-sales support and our dedicated warranty.

Technical Support

BFT prides itself on expert technical support. Our dedicated technical team is available to guide you on product installation, fault-finding, system optimisation and compatibility with other systems. Whether you're working on a domestic gate motor, a commercial barrier or a more complex project - we are ready to provide the right level of specialist advice so you can deliver confidently.

Training & Skills Development

We know that technology moves quickly - and delivering a safe, high-quality installation relies on having up-to-date skills. That's why the BFT Training Academy provides a structured programme of courses at our offices. From gate motors to specialist solutions such as anti-terrorism bollards, our training helps your team deepen their expertise, stay current with industry standards and work with confidence. Every course is tailored to your level of experience and learning needs, with a strong focus on hands-on practice. This approach ensures that each engineer leaves with practical knowledge they can apply on site.

Warranty & Peace of Mind

All BFT products come with a manufacturer-backed warranty, reinforcing our promise of lasting performance and reliability. With over 40 years in the automation industry, dedicated support teams, advanced training and a trusted warranty.

BFT is more than a supplier. We are your automation partner, helping you deliver reliable and future-proof gate automation solutions for residential, commercial and urban projects.





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C O N T E N T S

BFT technologies & protocols

Our unique and secure technologies/protocols guarantees consistent peak performance, positioning BFT automation systems as the embodiment of innovation, quality, and reliability.



U-Link



U-Link

U-Link & U-Link 2.0 is a communication protocol, offering secure data protection, scalability, and compatibility with various communication standards. 2.0 now supports bi-directional communication, OTA firmware updates, and remote or local management via a dedicated app, enhancing flexibility and user experience.



U-Security

U-Security enhances remote control security with encrypted rolling code transmission and qr code-based programming. Combining the features of the Er-Ready system, it prevents cloning by third-party devices and simplifies remote control setup via a dedicated app.



ER Ready

The **er-ready** system uses microprocessor technology to securely clone Mitto remote controls by transmitting the code from one device to another. The receiver automatically stores the code on first use, with the entire process protected by secure Rolling Code transmission.



D-Track

D-Track (dynamic path tracking) is BFT's intelligent torque management system that continuously adjusts motor thrust based on real-time data. Unlike systems with fixed force levels, D-Track ensures optimal performance and safety by adapting to factors like temperature changes or mechanical wear, helping installers meet legal certification standards.



EE Link

The **EELINK** programming system enables quick and secure data transfer between control units and PCs using handheld devices like Unipro, Uniradio, and Proxima. It keeps installation records up to date and simplifies tasks like system setup, maintenance tracking, and customer data management, making even complex operations easy and efficient.



Fast

Fast speed gate operators offer faster access and reduced wait times, improving convenience and traffic flow, especially in high-use areas. Despite its increased speed, the system maintains full safety standards to ensure safe stopping and obstacle detection at all times.



Encoder

The **Encoder** is a contactless high-resolution device for detecting obstacles. It ensures rapid reversing of motion and improves smoothness of overall movement during acceleration and slowdown.



Oil Gear

The **Oil Gear** device is included in a specific range of BFT products, offering great durability in being maintenance free. It ensures quiet operation and irreversibility of movement.



24 V

BFT's **24 V** technology delivers precise, efficient performance with smooth precise adjustment of slowdown during opening and closing. It also enhances safety by instantly stopping and reversing motion when obstacles are detected, ensuring reliable and dependable operation.



230 V

BFT's **230 V** technology delivers precise, efficient performance combined with the required power for more demanding applications.



tri

A **Three-Phase** motor, included in a specific range of BFT products for intensive operation of larger size/weight gates and offers extreme reliability.



inverter

Inverter allowing for Three-Phase motor performance at sites where a 230 V supply is only available. Offers intensive operation of larger size/weight gates powered from a standard mains 230 V supply.



Block

A specific BFT barriers design feature providing intrinsic anti-vandal protection, preventing unauthorised opening of the gate.



RollingCode

BFT transmitters use a **Rolling Code** system for secure command management, generating a unique, single-use code each time a key is pressed. This code, recognised only by the receiver, prevents external interference and unauthorised reproduction.



Silentech

Silentech represents a product line specifically engineered to rank among the quietest available on the market, achieved through meticulous and continuous research into the internal mechanical components of our motors.

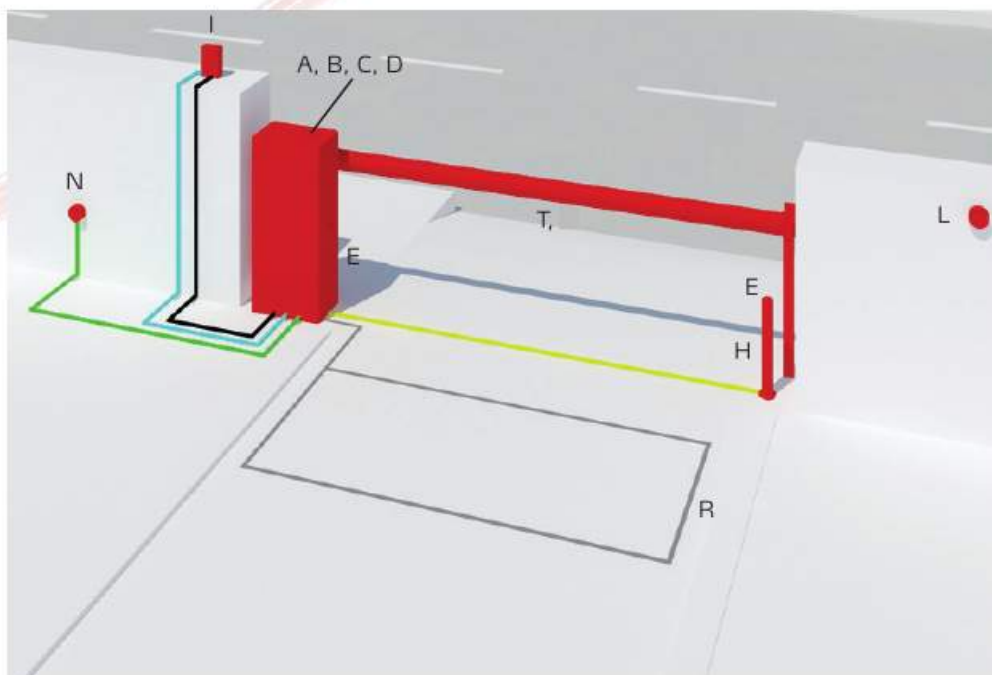


Barriers

Selection Guide

CLEAR OPENING	OPENING TIME	MOTOR POWER SUPPLY	FREQUENCY OF USE	BOOM COMPATIBILITY	SPRING	MODEL	FEATURES
ROAD BARRIERS							
Up to 6 m	2.2 s to 4 s	24 V	Very Intensive	PS	Ordered Separate	GIOTTO BT B ULTRA 36	Integrated U-Link connectivity. Adjustable opening speed for traffic control management. Optional LED light crown with wide range of accessories available.
Up to 6 m	0.7 s to 3.9 s	230 V	Continuous	PS	Pre-sprung	MAXIMA ULTRA 36	Integrated U-Link connectivity. Oil bath gearbox unit and three-phase motor with inverter. Optional LED light crown and mechanical crankshaft with anti-vandal protection.
Up to 6 m		230 V	Continuous	PS	Pre-sprung	MAXIMA ULTRA 36 XL	
Up to 6 m	6 s	24 V	Intensive	AQ6 / AT	Pre-sprung	MICHELANGELO BT A 60	Integrated U-Link connectivity. Impact reaction via encoder. Control unit with ULink slot, display and receiver located at the top of the cabinet. RAL 7015 grey colour.
Up to 8 m	8 s	24 V	Intensive	AQ6 / AT	Pre-sprung	MICHELANGELO BT A 80	
From 4 m to 8 m	4.5 s to 6 s	230 V	Very Intensive	ATML	Ordered Separate	MAXIMA ULTRA 68	Integrated U-Link connectivity. Oil bath gearbox unit and three-phase motor with inverter. Optional LED light crown and mechanical crankshaft with anti-vandal protection. U-Link protocol for integration with Parking Management or Building Management systems.

Installation Guide



- A Barrier
- B Control Panel
- C Battery Backup
- D Receiver
- E Photocells Post
- H Photocell Post
- I Flashing Light
- L Access Control (i.e. keypad)
- N Junction Box (mains power)
- R Magnetic loop detector

- T Boom
- 2 x 1.5 mm²
- 3 x 1.5 mm²
- RG 58 Coaxial Cable
- 5 x 1.0 mm²
- 2 x 1.0 mm²



MAXIMA ULTRA 36

Automatic barrier for constant use

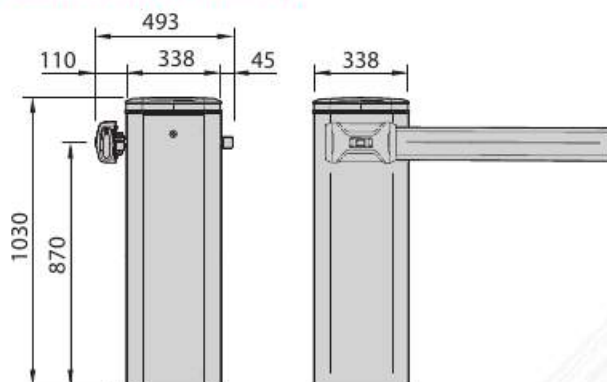


Scan the QR code to view the operator quick guide.

Product Information

The Maxima Ultra 36 is a 230 V AC electromechanical barrier with a three-phase asynchronous motor and inverter, built for high-frequency use. It handles drive-through gaps from 2 m to 6 m and suits environments like large car parks, industrial sites, and motorway tolls with heavy traffic. The barrier's top-mounted control panel allows gap configuration, while the crankshaft ensures smooth boom movement with soft opening and closing. It also protects the gear motor from vandalism and supports U-Link integration for Parking or Building Management systems. The LED Light Crown mounted on the top of the cabinet is able to communicate diagnostic information with a multi-colour coded system providing maintenance and other vital information without the need to access the control panel.

Dimensions (mm)



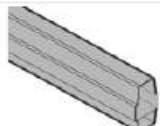
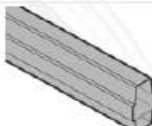
- Oil bath gear motor
- Three access points for simplified maintenance
- Anti-vandal protection with connecting rod-crank system

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P940093 00002	2600943	MAXIMA ULTRA 36	230 V electromechanical barrier for clear drive through gaps up to 5.5 m in length, pre-sprung.
P940094 00002	2613062	MAXIMA ULTRA 36 XL	230 V electromechanical barrier for clear drive through gaps up to 6 m in length, pre-sprung.
P940093 00102	2601391	MAXIMA ULTRA 36 RAL	230 V electromechanical barrier for clear drive through gaps up to 6 m in length, pre-sprung, RAL colour of choice.
P940093 00202	2605378	MAXIMA ULTRA 36 STAINLESS STEEL	230 V electromechanical barrier for clear drive through gaps up to 6 m in length, pre-sprung, stainless steel.

Technical Specification

	MAXIMA ULTRA 36
Motor power supply	230 V
Control unit	CSB Xtreme
Opening time (boom width dependant)	0.7 to 3.9 seconds
Clear opening	2 m to 6 m
Motor type	Three-phase asynchronous
Internal lubrication	Oil bath
Inverter	Yes
Slowdown	Soft opening & closing
Locking	Mechanical
Impact reaction	Encoder
Frequency of use	Continuous
MCBF (mean cycles between failures)	7,000,000 movements
Release	Inside the casing
Protection rating	IP55
Operating temperature	-40 °C to +60 °C

Boom Accessories

	CP P120084 00000 - CI 2601263 MU36 BOOM HOLDER		CP P120094 00000 - CI 2601387 MU36 BREAK OUT
	Single boom arm holder for the Maxima Ultra 36.		Boom Break Out Holder for Maxima Ultra 36 only.
	CP P120087 00001 - CI 2601376 MU36 BOOM PS30		CP P120087 00002 - CI 2601377 MU36 BOOM PS40
	3 m Boom arm for Maxima Ultra 36 barriers.		4 m Boom arm for Maxima Ultra 36 barriers.
	CP P120087 00003 - CI 2601378 MU36 BOOM PS50		CP P120087 00004 - CI 2601277 MU36 BOOM PS60
	5 m Boom arm for Maxima Ultra 36 barriers.		6 m Boom arm for Maxima Ultra 36 barriers.
	CP P120091 - CI 2601388 MU36 PS HYPHEN		CP P120108 - CI 2605251 MU36 PS HYPHEN PRO
	Hyphen PS 1 m strengthening piece.		Hyphen PS 1.75 m strengthening piece.
	CP P120085 - CI 2601279 MU36 BTM SKIRT		CP P120086 - CI 2605234 MU36 FULL SKIRT
	Lower Skirt for Maxima Ultra 36 and Giotto Ultra 36.		Top and Bottom Skirt for the Maxima Ultra 36 only.
	CP P120095 - CI 2601389 MU36 BRACKET SKIRT		CP P120093 - CI 2613063 MU36 ADJ REST
	Bracket to connect skirt to Maxima Ultra 36 barriers.		Height adjustable swinging leg for Maxima Ultra 36 barriers.
	CP P120080 - CI 2601319 MU FIXED REST		
	Height adjustable fixed rest for Maxima Ultra 36 barriers.		

Light Accessories

	CP P120075 - CI 2601276 MU LIGHT PSU		CP P120089 20001 - CI 2605241 MU36 LIGHT 30
	Power supply (PSU) required for LED light kits.		3 m Red/Green LED Light Kit for Maxima Ultra 36 (PSU required).
	CP P120089 20002 - CI 2605242 MU36 LIGHT 40		CP P120089 20003 - CI 2605243 MU36 LIGHT 50
	4 m Red/Green LED Light Kit for Maxima Ultra 36 (PSU required).		5 m Red/Green LED Light Kit for Maxima Ultra 36 (PSU required).
	CP P120089 20004 - CI 2605244 MU36 LIGHT 60		
	6 m Red/Green LED Light Kit for Maxima Ultra 36 (PSU required).		

Cabinet Accessories

	CP P940095 00103 - CI 2601379 MU36 CROWN RGB RAL		CP P940095 00003 - CI 2600942 MU36 CROWN RGB
	Maxima Ultra 36 lid - c/w LED light system. RAL colour of choice.		Maxima Ultra 36 lid - c/w LED light system.
	CP P120088 - CI 2601264 MU36 BASE		CP P940095 00203 - CI 2605389 MU36 CROWN RGB SS
	Foundation kit for Maxima Ultra 36.		Maxima Ultra 36 stainless steel lid - c/w LED light system.



MAXIMA ULTRA 68

Automatic barrier for very intensive use

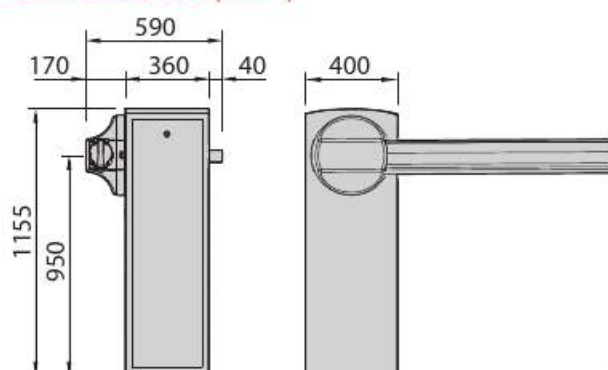


Scan the QR code to view the operator quick guide.

Product Information

A 230 V AC electromechanical barrier equipped with a three-phase induction motor and inverter designed for very intensive use. Developed to operate in a wide variety of environments such as large car parks, motorway tolls and industrial sites, the Maxima Ultra 68 is suitable for clear drive through gaps from 4 m to 8 m. The mechanical movement with connecting rod-crank mechanism controls the smooth operation of the boom, while managing slowdown in opening and closing. The same mechanism provides anti-vandal protection for the gear motor. The barrier is U-Link compatible which allows the integration of Parking Management or Building Management Systems.

Dimensions (mm)



- Three-phase induction motor
- Control panel compatible with U-Link
- Anti-vandal protection with connecting rod-crank system

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P940074 00002	2600872	MAXIMA ULTRA 68	230 V electromechanical barrier for clear drive through gaps up to 8 m in length (without spring).

Technical Specification

	MAXIMA ULTRA 68
Motor power supply	230 V
Control unit	CSB Xtreme
Opening time (boom width dependant)	4.5 to 6 seconds
Clear opening	4 m to 8 m
Motor type	Three-phase asynchronous
Internal lubrication	Oil bath
Inverter	Yes
Slowdown	Soft opening & closing
Locking	Mechanical
Impact reaction	Encoder
Frequency of use	Very Intensive
MCBF (mean cycles between failures)	2,000,000 movements
Release	Inside the casing
Protection rating	IP54
Operating temperature	-30 °C to +60 °C

Springs



CP P120059 - CI 2601309
MU68 WHITE SPRING

White spring for the Maxima Ultra 68.



CP P120061 - CI 2601311
MU68 PURPLE SPRING

Purple spring for the Maxima Ultra 68.



CP P120060 - CI 2601310
MU68 YELLOW SPRING

Yellow spring for the Maxima Ultra 68.



CP P120129 - CI 2618823
MU68 BLACK SPRING

Black spring for the Maxima Ultra 68.

Boom Accessories



CP P120053 00003 - CI 2601318
MU68 BLACK RUBBER

Black protective lower profile for 6 m & 8 m booms.



CP P120042 - CI 2600827
MU68 BOOM ATML EXT

2 m extension piece for the Maxima Ultra 68.



CP P120046 00001 - CI 2612600
MU68 SGL BOOM HOLDER

Single boom arm holder for the Maxima Ultra 68.



CP P120118 - CI 2613365
MU68 REINFORCEMENT PRO

1.75 m ATML strengthening piece for the Maxima Ultra 68 booms.



CP P120105 - CI 2605249
MU68 FULL SKIRT PRO

Top & bottom skirt for MU68, double arm holder, skirt bracket and fixed rest mandatory.



CP P120050 - CI 2601320
MU ADJ SWINGING REST

Height adjustable swinging leg for Maxima Ultra 68 barriers.



CP P120041 00001 - CI 2605209
MU68 BOOM ATML60

6 m boom arm for the Maxima Ultra 68.



CP P120047 00001 - CI 2605213
MU68 DBL BOOM HOLDER

Double boom arm holder for the Maxima Ultra 68. *Mandatory when using FULL SKIRT.*



CP P120078 - CI 2605229
MU68 REINFORCEMENT

Strengthening piece for the Maxima Ultra 68 booms.



CP P120049 - CI 2600560
MU SKIRT

Lower skirt for the Maxima Ultra 68.



CP P120106 - CI 2605250
MU68 SKIRT BRACKET

Bracket required for the full skirt pro. *Mandatory when using FULL SKIRT.*



CP P120080 - CI 2601319
MU FIXED REST

Height adjustable fixed rest for all Maxima Ultra barriers.

Light Accessories



CP P120075 - CI 2601276
MU LIGHT PSU

Power supply (PSU) required for the LED light kit.



CP P120077 00003 - CI 2601314
MU68 8MTR LIGHT KIT

Red & green LED light kit for 6 m and 8 m booms (PSU required).



GIOTTO BT B

Electromechanical barrier for intensive use



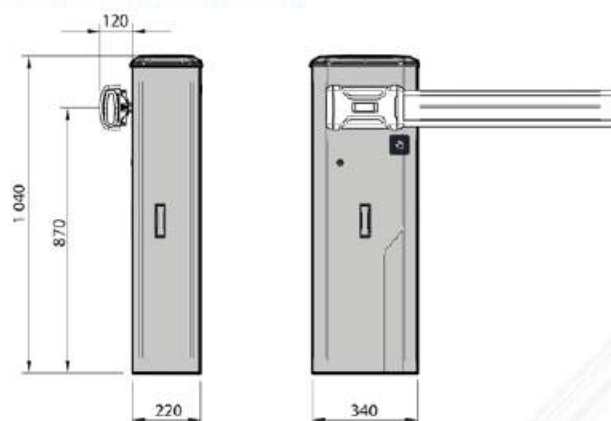
Scan the QR code to view the operator quick guide.



Product Information

The Giotto BT B Ultra 36 is an entry-level barrier for intensive usage and suitable for clear drive through gaps of up to 6 m. It is fitted with a 24 V DC motor and comes with an extensive range of accessories which makes it suitable for almost any environment. The Giotto BT B Ultra 36 is U-Link compatible and is equipped with scenario programming for fast and precise installations. It is possible to fully programme the control panel using just a handful of selection options on the display, saving time and ensuring the best results. The control panel is located in the upper part of the barrier and protected by a solid aluminium casing for easy and safe programming and maintenance operations. The barrier is compatible with the PS boom range.

Dimensions (mm)



- Encoder technology
- Control panel with U-Link and programming display
- 24 V motor

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P940111 00002	2617937	GIOTTO BT B ULTRA 36	24 V electromechanical barrier for clear drive through gaps up to 6 m in length (without spring).

Technical Specification

	GIOTTO BT B ULTRA 36
Motor power supply	24 V
Control unit	MERAK GIOTTO ULTRA 36
Opening time (boom width dependant)	2.2 to 4 seconds
Clear opening	4 m to 6 m
Slowdown	Adjustable
Locking	Mechanical
Impact reaction	Encoder
Frequency of use	Very Intensive
Release	Personal key
Protection rating	IP54
Operating temperature	-20 °C to +55 °C

Springs



CP P120126 - CI 2617949
KIT ML65-L

Giotto BT B Ultra 36 light spring for boom lengths up to 4 m.



CP P120127 - CI 2617950
KIT ML81-H

Giotto BT B Ultra 36 heavy spring for boom lengths from 4 m - 6 m.

Boom Accessories



CP P120087 00001 - CI 2601376
MU36 BOOM PS30

3 m Boom arm for the Giotto BT B Ultra 36 barriers.



CP P120087 00003 - CI 2601378
MU36 BOOM PS50

5 m Boom arm for the Giotto BT B Ultra 36 barriers.



CP P120100 - CI 2605247
GU36 BOOM PS BRACKET

Carrier clamp with hand protection casing for PS booms.



CP P120093 - CI 2613063
MU36 ADJ REST

Height adjustable swinging leg for Giotto BT B Ultra 36 barriers.



CP P120095 - CI 2601389
MU36 BRACKET SKIRT

Bracket to connect the skirt to Giotto BT B Ultra 36 barriers.



CP P120087 00002 - CI 2601377
MU36 BOOM PS40

4 m Boom arm for the Giotto BT B Ultra 36 barriers.



CP P120087 00004 - CI 2601277
MU36 BOOM PS60

6 m Boom arm for the Giotto BT B Ultra 36 barriers.



CP P120023 - CI 2600216
FAF REST GREY

Fixed rest.



CP P120080 - CI 2601319
MU FIXED REST

Height adjustable fixed rest for Giotto BT B Ultra 36 barriers.



CP P120085 - CI 2601279
MU36 BTM SKIRT

Lower Skirt for Giotto BT B Ultra 36 barriers.

Light Accessories



CP P120125 - CI 2617945
GU36 TOP RING LIGHT KIT

Red/Green LED light crown for Giotto BT B Ultra 36.



CP P120089 20001 - CI 2605241
MU36 LIGHT 30

3 m Red/Green LED light kit for Giotto BT B Ultra 36 (PSU required).



CP P120089 20003 - CI 2605243
MU36 LIGHT 50

5 m Red/Green LED light kit for Giotto BT B Ultra 36 (PSU required).



CP P120116 - CI 2601492
GU36 LIGHT CARD

PCB light card required for the light kits below.



CP P120089 20002 - CI 2605242
MU36 LIGHT 40

4 m Red/Green LED light kit for Giotto BT B Ultra 36 (PSU required).



CP P120089 20004 - CI 2605244
MU36 LIGHT 60

6 m Red/Green LED light kit for Giotto BT B Ultra 36 (PSU required).

Battery back up



CP P120074 - CI 2607202
BATTERY GIOTTO BTA

Battery back-up for Giotto BT B Ultra 36 barrier.



MICHELANGELO BT A

Automatic barrier for intensive use



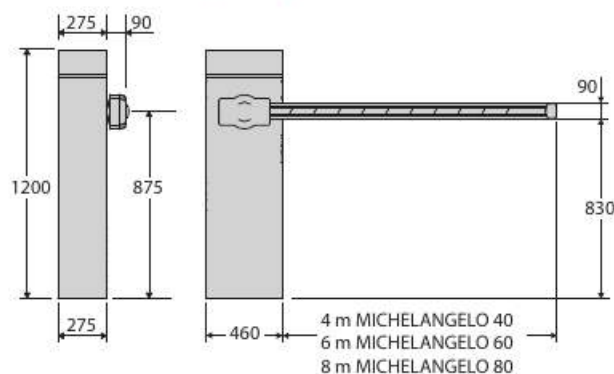
Scan the QR code to view the operator quick guide.



Product Information

The Michelangelo BT A is a mid-level barrier for intensive usage and suitable for clear drive through gaps of up to 8 m. The control panel is positioned at the top of the cabinet for easy access, with programming display and a dual channel radio receiver compatible with U-Link. The limit switch system with electronic adjustment can speed-up installation time and provides greater precision of movement.

Dimensions (mm)



- Control panel with programming display and compatible with U-Link
- Barrier solution for clear drive through gaps of up to 8 m
- Optional battery back-up can be fitted inside the cabinet

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P940076 00002	2600873	MICHELANGELO BT A60	24 V electromechanical barrier for clear drive through gaps up to 6 m in length.
P940077 00002	2600524	MICHELANGELO BT A80	24 V electromechanical barrier for clear drive through gaps up to 8 m in length.

Technical Specification

	MICHELANGELO BT A60	MICHELANGELO BT A80
Motor power supply	24 V	24 V
Control unit	MERAK BM	MERAK BM
Opening time (boom width dependant)	6 seconds	8 seconds
Clear opening	6 m	8 m
Slowdown	Adjustable	Adjustable
Locking	Mechanical	Mechanical
Impact reaction	Encoder	Encoder
Frequency of use	Intensive	Intensive
Release	Inside the casing	Inside the casing
Protection rating	IP54	IP54
Operating temperature	-20 °C to +55 °C (-40 °C with thermo activation)	-20 °C to +55 °C (-40 °C with thermo activation)

Boom Accessories



CP N728026 - CI 2600525
MCL BOOM ATT704

4.3 m round barrier arm. 1st Boom section – 70 mm diameter (MCL 60 & 80).



CP N728027 - CI 2600526
MCL BOOM ATT504

4.6 m round barrier arm. 2nd Boom section – 50 mm diameter (MCL 80).



CP N728030 - CI 2600780
MCL BOOM ATT706

6 m 1 piece round boom (MCL 60 & 80).



CP N999606 - CI 2600352
MCL ELL BRACKET

Bracket fixing kit for ELL rectangular booms.



CP P120023 - CI 2600216
FAF REST GREY

Fixed rest.



CP D940008 - CI 2600367
GAM WHITE

Swinging leg in white for all BFT Barriers.



CP P120028 00004 - CI 2600826
PCA N6

6 m black protective profile for the boom arm - covers upper and lower boom.



CP N728028 - CI 2600779
MCL BOOM ATT502

2.45 m round barrier arm. 2nd Boom section – 50 mm diameter (MCL 60).



CP N728022 - CI 2600778
MCL BOOM AQ6

6 m 1 piece rectangular boom (MCL 60 & 80).



CP N999607 - CI 2600798
MCL ATT BRACKET

Bracket fixing kit for ATT round booms.



CP P120025 - CI 2600825
FAF ADJUSTABLE REST

Adjustable fixed rest.



CP D573003 - CI 2600129
SKIRT SB

Lower skirt - supplied in 2.5 m lengths.



CP D940009 - CI 2600134
GAM SPRUNG

Shock absorbing Swinging leg for all BFT Barriers.



CP P120028 00005 - CI 2601375
PCA N8

8 m black protective profile for the boom arm - covers upper and lower boom.

Light Accessories



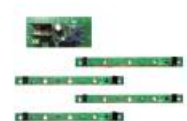
CP P120005 00001 - CI 2600186
MCL LIGHT KIT

Light kit for boom arm, 6 LED lights (requires PCA protective profile strip and MCL-SHEDA).



CP P120009 - CI 2600824
MCL SHEDA

PCB for the light kit.



CP P120006 - CI 2600823
MCL BARRIER LIGHT

Cabinet light kit with 4 LED lights.

Cabinet Accessories



CP I300030 10001 - CI 2610432
BASEBOLTS

Fixing kit required for the barrier base.



CP P903023 - CI 2604488
PCELL POST PHP BA1

Support to mount Thea photocells to Giotto & Michelangelo barriers.



CP D730964 - CI 2600252
MCL BASE

Barrier base for the MCL barriers.



CP P125038 - CI 2605265
BATTERY MCL BTA

Back-up for Michelangelo MCL BT A60 and MCL BT A80 barriers.

Bollards

Selection Guide

SHAFT HEIGHT	SHAFT DIAMETER	SHAFT THICKNESS	POWER SUPPLY	FREQUENCY OF USE	BOLLARD	AVAILABLE MODELS
AUTOMATIC HYDRAULIC BOLLARDS						
600 mm	273 mm	6 mm	230 V	3000 ops/day	PILLAR B 275/600.6C	L / LI / RAL / SD
800 mm		10 mm		3000 ops/day	PILLAR B 275/800.6C	
				3000 ops/day	PILLAR B 275/800.10C	L / LI / RAL / SD / EFO
				2000 ops/day	XPASS B 275/800C	
AUTOMATIC ELECTROMECHANICAL BOLLARDS						
490 mm	115 mm	6 mm	230 V	Semi Intensive	STOPPY B 115/500	L / RAL
	219 mm			Very Intensive	STOPPY MBB 219/500	L / LI / RAL
700 mm	200 mm			Semi Intensive	STOPPY B 200/700	L / RAL
	219 mm			Very Intensive	STOPPY MBB 219/700	L / LI / RAL
SEMI-AUTOMATIC BOLLARDS						
500 mm	115 mm	4 mm			DAMPY B 115/500	L / LI / RAL
700 mm	219 mm	5 mm			DAMPY B 219/500	
					DAMPY B 219/700	
FIXED BOLLARDS						
490 mm	115 mm	5 mm			RANCH B 219/500	L / LI / RAL
600 mm	273 mm	6 mm			RANCH C 275/600	
700 mm	219 mm	5 mm			RANCH B 219/700	
800 mm	273 mm	6 mm			RANCH C 275/800	
		10 mm			RANCH D 275/800	

L: Model available with LED light cap.

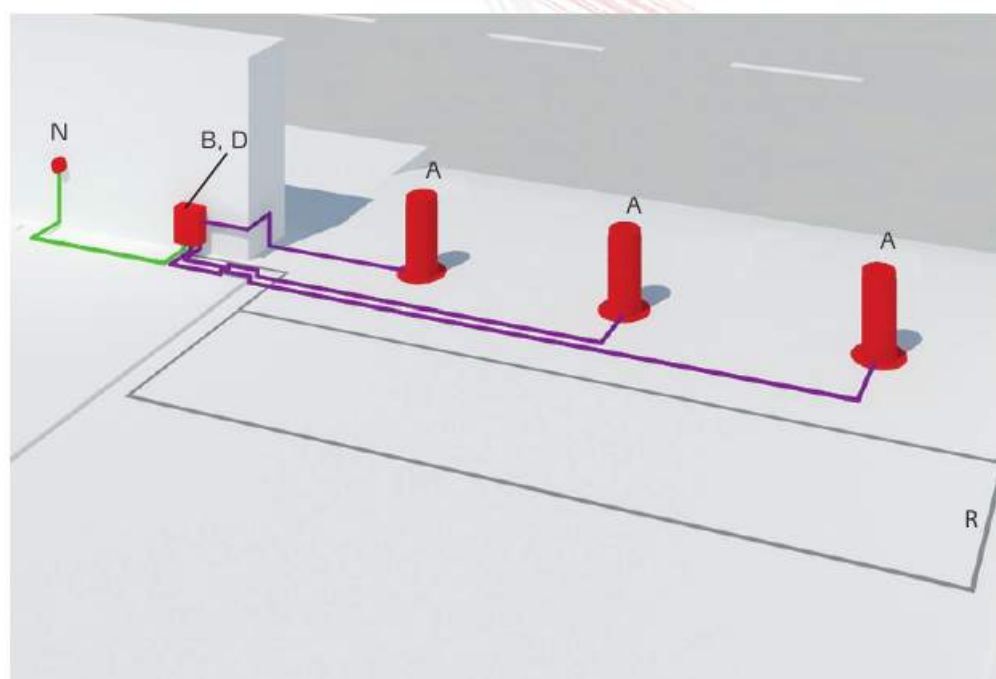
LI: Model available in stainless steel.

RAL: Model available in RAL colour to order.

SD: Model available as fail secure (the bollard remains raised in the event of a power cut).

EFO: Model available with Emergency Fast Operation (EFO) system for rapid lowering in emergency situations.

Installation Guide



A Bollard

B Control Panel

D Receiver

N Junction Box (mains power)

R Magnetic loop detector

3 x 1.5 mm²

13 x 1 mm²



TOTEM + BOLLARD ACCESSORIES

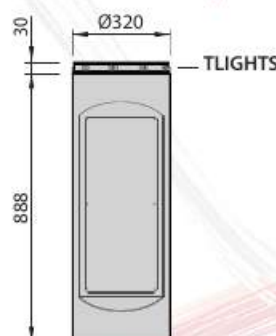
Street cabinet and accessories for bollard projects



Product Information

Stackable street cabinet that can be fitted with access control devices and traffic lights, to be combined with bollards and barriers. Features DIN rail attachments and an inspectable front panel.

Dimensions (mm)



Scan the QR code to view the operator quick guide.

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P800116	2601356	TOTEM SUP	Totem street cabinet with inspectable front panel. No top cap. Colour RAL 7015.
P800117	2601354	TOTEM LUCI	Top cover with red/green LED lights for the Totem.
P800108	2601355	TOTEM CAP	Top cover for the Totem.
P800040	2607207	TOTEM DIMA	Foundation fixing kit for Totem.

Bollard Accessories



**CP P800104 - CI 2607208
RANCH PSU**

Power supply required for LED light crowns on fixed or gas bollards.



**CP P800115 - CI 2605292
BOLLARD CABLE EXT50**

50 m length of bollard installation cable.



**CP 385251 - CI 2604460
TRAFFIC LIGHT LED**

24 V LED red/green traffic light.

Perseo CBE Bollard Control Panel

230 V control panel with U-Link, receiver and heating circuit (up to -40 °C) for electromechanical and hydraulic bollards.

CP D113812 00002 - CI 2600139 - PERSEO CBE



Application

Universal control panel with display for one or two 230 V - 650+650 W operators

Main features

Main features: Electronic deceleration at opening and closing and separate limit switch inputs for each motor

Find out more at www.bftautomationuk.com

Or contact us: UK North office: 0161 456 0456, UK South office: 01488 674 750, Ireland office: +353 1 456 4711



STOPPY B

Electromechanical bollard

BOLLARDS



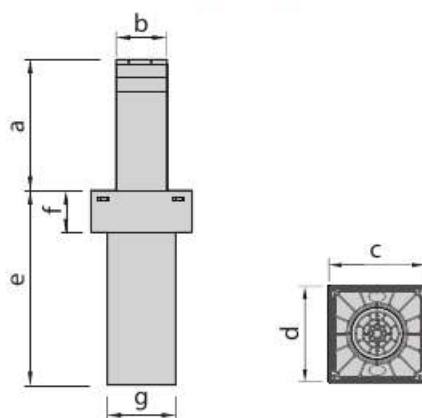
Scan the QR code to view the operator quick guide.



Product Information

A range of electromechanical bollards designed to provide a solution for traffic management and security across a wide range of environments. The Stoppy B comes in two versions, 500 mm in height and 115 mm diameter, and 700 mm in height and 200 mm diameter. The 700 mm version is equipped with an LED light crown. Both versions are available in two finishes: painted steel coloured RAL 7015 or stainless steel.

Dimensions (mm)



	a	b	c	d	e	f	g
STOPPY B 115-500	490	Ø114	250	300	965	115	Ø190
STOPPY B 200-700	700	Ø194	360	360	1180	115	Ø273

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970088 00001	2613061	STOPPY B 500/115	500/115 electromechanical automatic bollard.
303000-OX	2604061	STOPPY B 500/115 - STAINLESS STEEL	500/115 electromechanical automatic bollard in stainless steel.
P970089 00001	2601350	STOPPY B 700/200	700/200 electromechanical automatic bollard c/w LED light crown.
P970089 00004	2605575	STOPPY B 700/200 - STAINLESS STEEL	700/200 electromechanical automatic bollard in stainless steel c/w LED light crown.

Technical Specification

	STOPPY B 115/500	STOPPY B 200/700
Power supply	230 V	230 V
Control unit	Perseo CBE	Perseo CBE
Shaft height	490 mm	700 mm
Shaft diameter	115 mm	200 mm
Shaft thickness	6 mm	6 mm
Raising time	7 seconds	9 seconds
Frequency of use	Semi intensive	Semi intensive
Operator type	Electromechanical	Electromechanical
Limit switch	Reed magnetic sensor	Reed magnetic sensor
Slowdown	Yes	Yes
Breaking resistance	60000J	110000J
Impact resistance	7000J	10000J
Manual operation	Reversible with no power	Reversible with no power
Protection rating	IP67	IP67
Operating temperature	-20 °C to +60 °C	-20 °C to +60 °C



STOPPY MBB

Electromechanical bollard

BOLLARDS



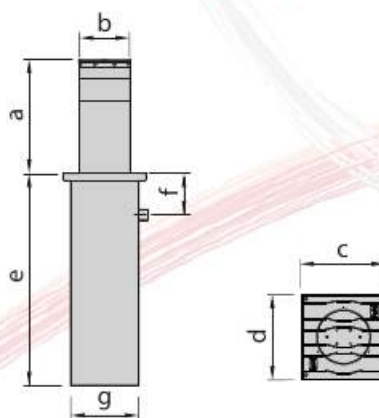
Scan the QR code to view the operator quick guide.



Product Information

Stoppy MBB bollards incorporate an internal oil-bath gear motor which gives them a higher usage capability. The Stoppy-MBB is designed to work in the most extreme conditions, with cataphoresis treated metal parts and the new EPDM seal integrated in the flange. The LED light cap fits perfectly into the floor flange with the shaft lowered, drastically reducing the ingress of debris into the casing. Available in two versions 500 mm or 700 mm in height and 219 mm diameter. All versions are equipped with an LED light crown and available with a painted steel coloured RAL 7015 or stainless steel finish.

Dimensions (mm)



	a	b	c	d	e	f	g
STOPPY MBB 219-500.C	490	Ø219	360	360	915	180	Ø295
STOPPY MBB 219-700.C	700	Ø219	360	360	1165	180	Ø295

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
R950008 00003	2600971	STOPPY MBB 500/219 L C	500/219 electromechanical automatic bollard c/w LED light crown.
R950008 00004	2600970	STOPPY MBB 500/219 LI C	500/219 electromechanical automatic bollard in stainless steel c/w LED light crown.
R950009 00003	2601352	STOPPY MBB 700/219 L C	700/219 electromechanical automatic bollard c/w LED light crown.
R950009 00004	2601353	STOPPY MBB 700/219 LI C	700/219 electromechanical automatic bollard in stainless steel c/w LED light crown.

Technical Specification

	STOPPY MBB 219/500	STOPPY MBB 219/700
Power supply	230 V	230 V
Control unit	Perseo CBE	Perseo CBE
Shaft height	500 mm	700 mm
Shaft diameter	219 mm	219 mm
Shaft thickness	6 mm	6 mm
Raising time	7 seconds	9.8 seconds
Frequency of use	Very intensive	Very intensive
Operator type	Electromechanical	Electromechanical
Limit switch	Reed magnetic sensor	Reed magnetic sensor
Slowdown	Yes	Yes
Breaking resistance	150000J	150000J
Impact resistance	10500J	10500J
Manual operation	Reversible with no power	Reversible with no power
Protection rating	IP67	IP67
Operating temperature	-40 °C to +60 °C	-40 °C to +60 °C



PILLAR B

Hydraulic bollard



Scan the QR code to view the operator quick guide.

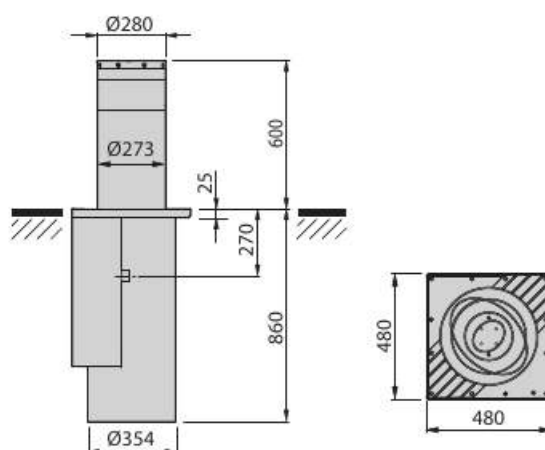


Product Information

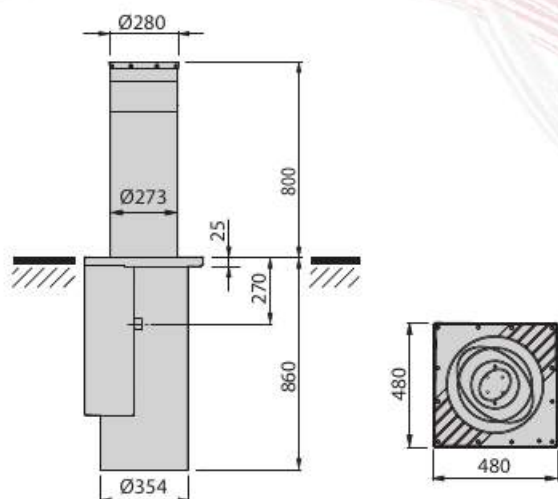
This hydraulic bollard is designed for very intensive use. The SD (security) version keeps the bollard raised during a power failure, making it ideal for protecting sensitive sites such as government buildings, military facilities, airports, and high-security premises. The standard version is better suited to public installations, as it automatically lowers in the event of a power failure to allow access.

Dimensions (mm)

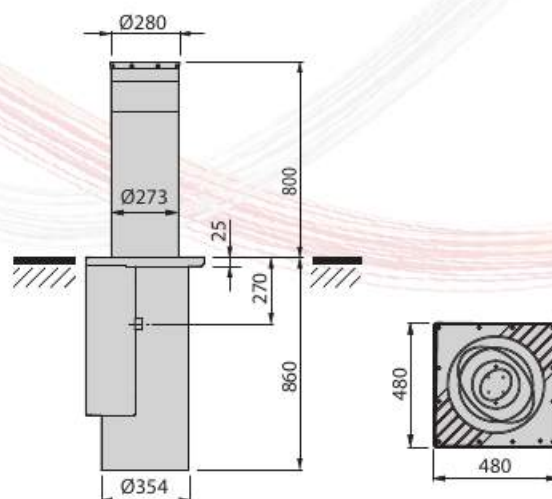
PILLAR B 275/600.6C



PILLAR B 275/800.6C



PILLAR B 275/800.10C



PILLAR B - 6 mm SKIN

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970092 00001	2600877	PILLAR B 600/275.6C L	600/275 hydraulic automatic bollard c/w LED light crown, 6 mm skin - fail safe version.
P970092 00003	2601339	PILLAR B 600/275.6C L SD	600/275 hydraulic automatic bollard c/w LED light crown, 6 mm skin - fail secure version.
P970092 00302	2601340	PILLAR B 600/275.6C LI	600/275 hydraulic automatic bollard in stainless steel c/w LED light crown, 6 mm skin - fail safe version.
P970092 00304	2601341	PILLAR B 600/275.6C LI SD	600/275 hydraulic automatic bollard in stainless steel c/w LED light crown, 6 mm skin - fail secure version.
P970093 00001	2601346	PILLAR B 800/275.6C L	800/275 hydraulic automatic bollard c/w LED light crown, 6 mm skin - fail safe version.
P970093 00003	2601347	PILLAR B 800/275.6C L SD	800/275 hydraulic automatic bollard c/w LED light crown, 6 mm skin - fail secure version.
P970093 00302	2600994	PILLAR B 800/275.6C LI	800/275 hydraulic automatic bollard in stainless steel c/w LED light crown, 6 mm skin - fail safe version.
P970093 00304	2605584	PILLAR B 800/275.6C LI SD	800/275 hydraulic automatic bollard in stainless steel c/w LED light crown, 6 mm skin - fail secure version.

PILLAR B - 10 mm SKIN

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970106 00001	2601342	PILLAR B 800/275.10C L	800/275 hydraulic automatic bollard c/w LED light crown, 10 mm skin - fail safe version.
P970106 00003	2601343	PILLAR B 800/275.10C L SD	800/275 hydraulic automatic bollard c/w LED light crown, 10 mm skin - fail secure version.
P970106 00302	2601344	PILLAR B 800/275.10C LI	800/275 hydraulic automatic bollard c/w LED light crown, 10 mm skin in stainless steel - fail safe version.
P970106 00304	2612951	PILLAR B 800/275.10C LI SD	800/275 hydraulic automatic bollard c/w LED light crown, 10 mm skin in stainless steel - fail secure version.

Technical Specification

	PILLAR B 275/600.6C L	PILLAR B 275/600.6C L SD	PILLAR B 275/800.6C L	PILLAR B 275/800.6C L SD	PILLAR B 275/800.10C L	PILLAR B 275/800.10C L SD
Power supply	230 V	230 V	230 V	230 V	230 V	230 V
Control unit	Perseo CBE	Perseo CBE	Perseo CBE	Perseo CBE	Perseo CBE	Perseo CBE
Shaft height	600 mm	600 mm	800 mm	800 mm	800 mm	800 mm
Shaft diameter	273 mm	273 mm	273 mm	273 mm	273 mm	273 mm
Shaft thickness	6 mm	6 mm	6 mm	6 mm	10 mm	10 mm
Raising time	4.8 seconds	4.8 seconds	6.1 seconds	6.1 seconds	6.8 seconds	6.8 seconds
Frequency of use	3000 ops/day	3000 ops/day	3000 ops/day	3000 ops/day	3000 ops/day	3000 ops/day
Operator type	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Limit switch	Reed mag sensor	Reed mag sensor	Reed mag sensor	Reed mag sensor	Reed mag sensor	Reed mag sensor
Breaking resistance	250000J	250000J	250000J	250000J	667000J	667000J
Impact resistance	20000J	20000J	20000J	20000J	40000J	40000J
Manual operation	Reversible with no power	Release key	Reversible with no power	Release key	Reversible with no power	Release key
Protection rating	IP67	IP67	IP67	IP67	IP67	IP67
Operating temperature	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C

Find out more at www.bftautomationuk.com

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XPASS B800

Hydraulic bollard

BOLLARDS



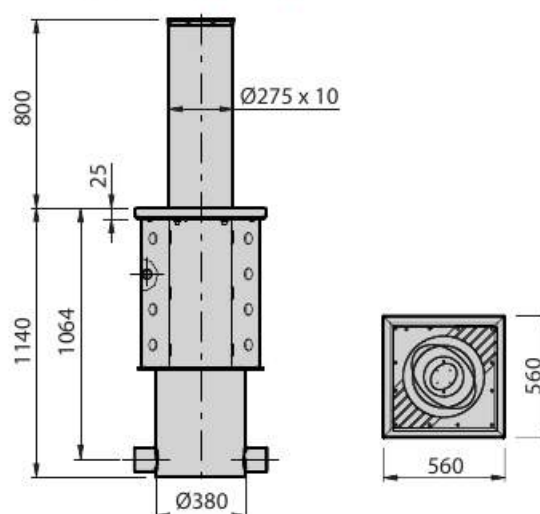
Scan the QR code to view the operator quick guide.



Product Information

Anti-terrorism bollard tested and certified (crash-tested) by an independent body according to both IWA 14-1:2013 movable bollard V/7200(N2A)/48/90:5.5 and PAS68: 2013 movable bollard V/7500 (N2)/48/90:5.2/- standards. The bollard has an independent pump so that in the event of a control unit failure, the other bollards in the environment remain functional. The XPASS B800 can be combined with the Ranch D fixed bollard to help provide the required high level of protection for a defined area.

Dimensions (mm)



BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970094 00003	2605589	XPASS B800/275C L SD	The XPASS B 800 anti-terrorism hydraulic automatic bollard 800/275 - c/w LED light crown - fail safe version.
P970094 00304	2612949	XPASS B800/275C LI SD	The XPASS B 800 anti-terrorism hydraulic automatic bollard 800/275 in stainless steel - c/w LED light crown - fail safe version.

Technical Specification

	XPASS B 275/800C L	XPASS B 275/800C L SD
Power supply	230 V	230 V
Control unit	Perseo CBE	Perseo CBE
Shaft height	800 mm	800 mm
Shaft diameter	275 mm	275 mm
Shaft thickness	10 mm	10 mm
Lowering time	4 seconds	4 seconds
Raising time	7 seconds	7 seconds
Frequency of use	2000 ops/day	2000 ops/day
Operator type	Hydraulic	Hydraulic
Limit switch	Reed magnetic sensor	Reed magnetic sensor
Breaking resistance	800000J (twin installation)	800000J (twin installation)
Impact resistance	250000J (twin installation)	250000J (twin installation)
Antiterrorism standard	PAS68:2013 rising bollard V/7500 (N2)/48/90 IWA14-1:2013 rising bollard V/7200 (N2A)/48/90	PAS68:2013 rising bollard V/7500 (N2)/48/90 IWA14-1:2013 rising bollard V/7200 (N2A)/48/90
Manual operation	Reversible with no power	Reversible with mechanical key with no power
Protection rating	IP67	IP67
Operating temperature	-40 °C to +60 °C	-40 °C to +60 °C



DAMPY B

Gas spring bollard

BOLLARDS



Scan the QR code to view the operator quick guide.



**DAMPY B
115/500**



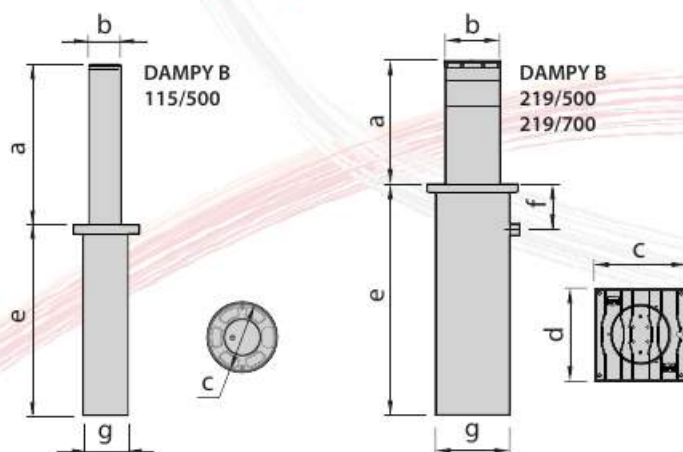
**DAMPY B
219/500
219/700**

Dampy B gas spring bollards are available in RAL 7015 painted steel or stainless steel.

Product Information

The Dampy manual gas-spring rising bollards are designed to offer road access control with extremely quick and simple operation. The bollards are operated using special keys, lowered by pushing down and automatically locked into place at the bottom. They can be used in mixed installations to cover wide passages managed by both fixed, electric and gas operated bollards. Available in three versions, 500 mm in height and 115 mm diameter and two versions of 500 mm and 700 mm in height with 219 mm diameter. The 500/700 mm, 219 mm versions are equipped with an LED light crown. All versions are available in painted steel coloured RAL 7015 or stainless steel finish.

Dimensions (mm)



	a	b	c	d	e	f	g
DAMPY B 219/500	490	Ø219	360	360	915	180	Ø295
DAMPY B 219/700	700	Ø219	360	360	1165	180	Ø295
DAMPY B 115/500	500	Ø114	Ø219	/	593	/	Ø168

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970083 00001	2605561	DAMPY B 500/115	500/115 Manual gas bollard.
P970083 00002	2605562	DAMPY B 500/115I	500/115 Manual gas bollard in stainless steel.
P970085 00001	2605566	DAMPY B 500/219 L	500/219 Manual gas bollard c/w LED light crown.
P970085 00002	2605567	DAMPY B 500/219 LI	500/219 Manual gas bollard in stainless steel c/w LED light crown.
P970087 00001	2605571	DAMPY B 700/219 L	700/219 Manual gas bollard c/w LED light crown.
P970087 00002	2605572	DAMPY B 700/219 LI	700/219 Manual gas bollard in stainless steel c/w LED light crown.

Technical Specification

	DAMPY B 115/500	DAMPY B 219/500	DAMPY B 219/700
Shaft height	500 mm	500 mm	700 mm
Shaft diameter	115 mm	219 mm	219 mm
Shaft thickness	4 mm	5 mm	5 mm
Shaft operation	Internal gas spring	Internal gas spring	Internal gas spring
Shaft locking	Triangle key	Triangle key	Triangle key
Breaking resistance	30000J	150000J	150000J
Impact resistance	5000J	15000J	15000J



RANCH B & C

Fixed bollard

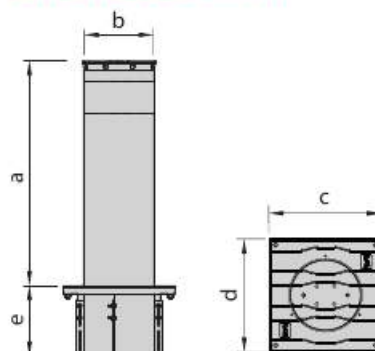
BOLLARDS



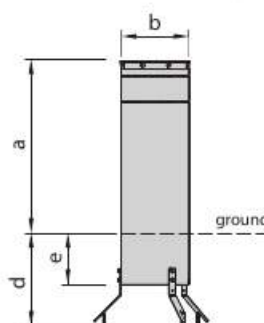
Scan the QR code to view the operator quick guide.



Dimensions (mm)



	a	b	c	d	e
RANCH B 219/500	490	Ø219	350	350	202
RANCH B 219/700	700	Ø219	350	350	242



	a	b	c	d	e	f	g	h
RANCH C 275/600 CN L	600	Ø273	Ø500	360	198	470	470	25
RANCH C 275/800 CN L	800	Ø273	Ø500	360	198	470	470	25

Product Information

Ranch fixed bollards are designed to block an access point or road for a long period of time. The bollards are bolted down and can be installed alongside fully automatic or semi-automatic bollards as an integrated solution in a range of different sizes and types. The Ranch B comes in two versions 500 mm or 700 mm in height and 219 mm diameter; the Ranch C comes in two versions 600 mm or 800 mm in height and 273 mm diameter. All versions are equipped with an LED light crown available in a painted steel coloured RAL 7015 or stainless steel finish.

RANCH B

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970081 00002	2605556	RANCH B 500/219 L	500/219 Fixed bollard in c/w LED light crown.
P970081 00004	2613160	RANCH B 500/219 LI	500/219 Fixed bollard in stainless steel c/w LED light crown.
P970082 00002	2605558	RANCH B 700/219 L	700/219 Fixed bollard in c/w LED light crown.
P970082 00004	2605559	RANCH B 700/219 LI	700/219 Fixed bollard in stainless steel c/w LED light crown.

RANCH C

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970102 00002	2605601	RANCH C 600/275 CN L	600/275 Fixed bollard in c/w LED light crown.
P970102 00304	2613171	RANCH C 600/275 CN LI	600/275 Fixed bollard in stainless steel c/w LED light crown.
P970103 00002	2605603	RANCH C 800/275 CN L	800/275 Fixed bollard in c/w LED light crown.
P970103 00304	2605605	RANCH C 800/275 CN LI	800/275 Fixed bollard in stainless steel c/w LED light crown.

Technical Specification

	RANCH B 219/500	RANCH B 219/700	RANCH C 275/600	RANCH C 275/800
Shaft height	490 mm	700 mm	600 mm	800 mm
Shaft diameter	219 mm	219 mm	273 mm	273 mm
Shaft thickness	5 mm	5 mm	6 mm	6 mm
Breaking resistance	150000J	150000J	250000J	250000J
Impact resistance	15000J	15000J	20000J	20000J



RANCH D

Fixed bollard

BOLLARDS

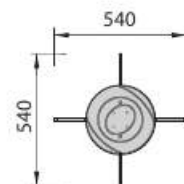
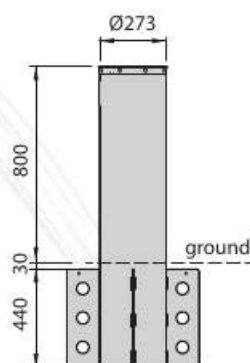


Scan the QR code to view the operator quick guide.



Dimensions (mm)

RANCH D



Product Information

Fixed bollard suitable for protecting sensitive sites and ideal when used for long-term access prevention. The Ranch D can be integrated with the XPASS B800 automatic anti-terrorism bollard into a suitable configuration to help provide the required high level of protection for a defined area. The fixed bollard is 800 mm in height and 273 mm diameter and equipped with an LED light crown and available in two finishes: painted steel coloured RAL 7015 or stainless steel.

RANCH D

BFT CODE	INT. CODE	PRODUCT	DESCRIPTION
P970104 00002	2605607	RANCH D 275/800CN L	800/275 fixed bollard - c/w LED light crown.
N/A	N/A	RANCH D 275/800CN LI	800/275 fixed bollard in stainless steel - c/w LED light crown.

Technical Specification

	RANCH D 275/800
Shaft height	800 mm
Shaft diameter	273 mm
Shaft thickness	10 mm
Breaking resistance	667000J
Impact resistance	25000J
Antiterrorism standard	PAS 68:2010 7500/50/N2



We proudly collaborate with the following third-party suppliers

BFT stocks a wide range of complementary third-party products from trusted manufacturers. By offering these high-quality accessories - from safety edges to intercom systems - we make it simple for you to source everything you need for a complete, reliable automation project.

Every partner we work with is selected for their expertise, proven product performance, and strong reputation within the industry. By bringing these specialist brands together under one roof, we make it easy for you to access a broader set of solutions through a single, convenient

supplier. These relationships allow us to combine the strength of BFT engineering with carefully curated, industry-leading products, helping you deliver installations that are safe, durable, and tailored to your customers' needs.

Our supplier portfolio includes:

AES Global	ASO Safety Solutions	BEA	CDVI
We stock a variety of AES access control products, including audio and video intercom systems, plus additional handsets and monitors to support both residential and commercial installations.	Our range includes ASO safety accessories such as rubber safety edges in multiple sizes, as well as the necessary connectors and relays to complete your setup.	BEA laser sensor products are available and suitable for both gate and barrier applications. We also carry a selection of compatible accessories to support a wide variety of safety and automation requirements.	Our CDVI range features magnetic lock systems, brackets, and other accessories designed to suit numerous installation types and ensure reliable access control.
Combiariadlo	Locinox	Procon Electronics	Videx
We offer Combiariadlo hardware for both cantilever and swing gates. This includes hinges, guide brackets, spacers, rollers, end cups, and cantilever track - everything needed for smooth and durable gate movement.	Locinox electromechanical locking systems are available with associated power accessories, giving installers dependable and secure locking options.	Our Procon selection includes single- and dual-channel loop detectors, loop cables, and a variety of complementary accessories for traffic control applications.	We carry a full range of Videx audio and video intercoms, along with keypads, antennas, transformers, proximity fobs, back boxes, and other supporting accessories.





A BRAND OF **SOMFY** GROUP

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