



Empowered by
U=LINK

TRAFFIC BARRIERS

Range of automatic barriers



Be ahead



GIOTTO BT A

Compact automatic barrier for semi-intensive use

A range of entry level barriers for semi-intensive usage, suitable for clear drive through gaps of up to 6m. Equipped with 24v DC motors, they have a wide range of accessories making them suitable for many applications and environments.

The programming of the MERAK BG control panel allows quick and precise installations. The control panel can be programmed with just a few options on the display, saving time and providing great results.

The control panel is located at the top of the cabinet and is protected by a solid aluminium housing that allows easier connection. Programming and maintenance operations can be performed easily and conveniently. The barrier is U-Link compatible which allows the integration of Parking Management or Building Management systems.



U-Link



Rolling Code



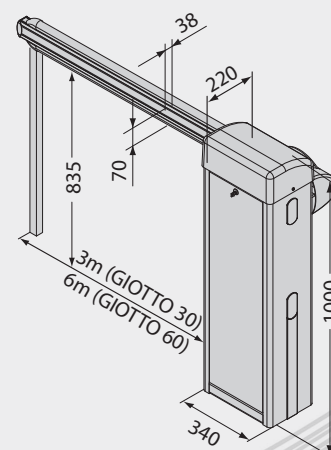
ER Ready



EE Link



24v



FEATURES

- Encoder technology
- Electronic limit switches
- Control panel with programming display and compatible with U-Link

SPECIFICATIONS

	GIOTTO BT A 30 U	GIOTTO BT A 30S U	GIOTTO BT A 60 U	GIOTTO BT A 60S U
Useful passage	3m	3m	6m	6m
Control panel	MERAK BG	MERAK BG	MERAK BG	MERAK BG
Motor power supply	24v	24v	24v	24v
Opening or closing	4 seconds	2.5 seconds	5 seconds	4 seconds
Type of limit switch	elec.opening/closing	elec.opening/closing	elec.opening/closing	elec.opening/closing
Slowdown	adjustable	adjustable	adjustable	adjustable
Impact reaction	encoder	encoder	encoder	encoder
Lock	mechanical	mechanical	mechanical	mechanical
Release	personal key	personal key	personal key	personal key
Frequency of use	intensive	intensive	intensive	intensive
Ambient conditions	from -10°C to 50 °C (-40°C with thermo activation)	from -10°C to 50 °C (-40°C with thermo activation)	from -10°C to 50 °C (-40°C with thermo activation)	from -10°C to 50 °C (-40°C with thermo activation)
Protection rating	IP54	IP54	IP54	IP54

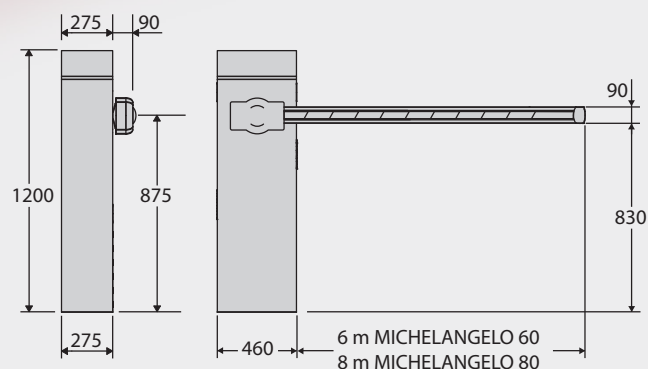
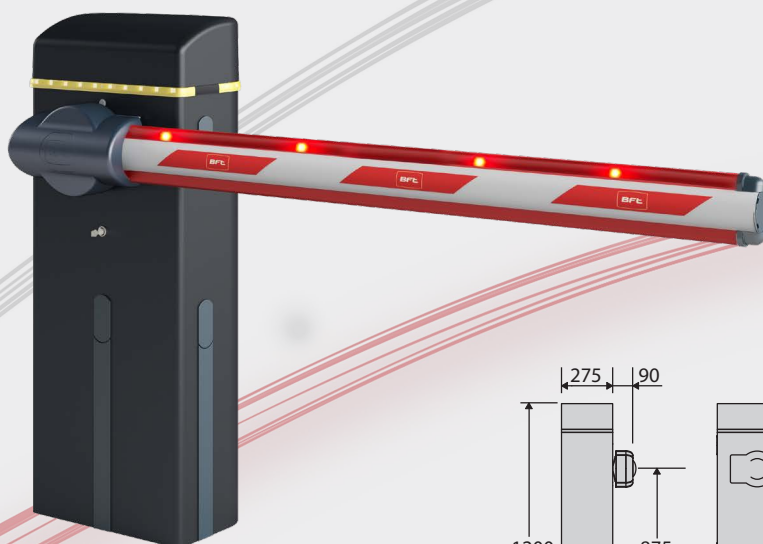


MICHELANGELO

Automatic barrier for intensive use

The Michelangelo is our mid-level barrier for intensive usage, it is suitable for clear drive through gaps of up to 8m. The wide range of accessories, option for a built-in flashing light around the cabinet and simple system for installing photocells makes them suitable for virtually any environment.

The control panel is positioned at the top of the cabinet for easy access, it has a programming display, a built-in dual channel radio receiver and is compatible with U-Link. The limit switch system with electronic adjustment can speed-up installation time and provides greater precision of movement. The barrier is available with an optional backup battery power supply system which can be installed inside the cabinet.



FEATURES

- Control panel with programming display and compatible with U-Link
- IP54 protection

SPECIFICATIONS

	MICHELANGELO BT A 60 U	MICHELANGELO BT A 80 U
Useful passage	6m	8m
Control panel	MERAK BM	MERAK BM
Power supply	24v	24v
Opening or closing	6 sec.	8 sec.
Type of limit switch	electronic	electronic
Slowdown	adjustable	adjustable
Lock	mechanical	mechanical
Release	key	key
Frequency of use	intensive	intensive
Ambient conditions	from -20 °C to 50°C (-40 °C with thermo activation)	from -20 °C to 50°C (-40 °C with thermo activation)
Protection rating	IP54	IP54



MAXIMA ULTRA 35

Automatic barrier for very intensive/continuous use

A range of 230v AC electromechanical barriers 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 35 is suitable for clear drive through gaps from 1.7m to 5m.

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.



U-Link



Rolling Code



Oil Gear



Encoder



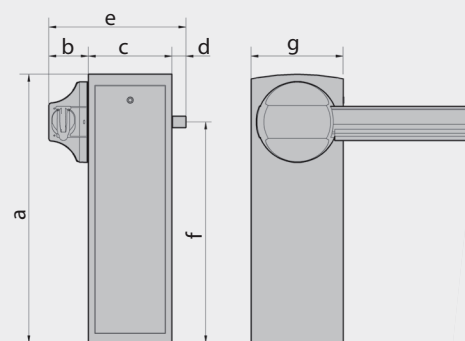
Inverter



Block



Tri



FEATURES

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

DIMENSIONS

MODEL	A	B	C	D	E	F	G
MAXIMA Ultra 35	1110	120	320	40	480	950	280

SPECIFICATIONS

Useful passage
Frequency of use
Opening or closing
Control panel
Motor type
Gear unit type
MCBF (Mean Cycles Between Failure)
Motor power supply
Slowdown
Impact reaction
Lock
Release
Ambient conditions
Protection rating

MAXIMA ULTRA 35

1.7m to 5m
20,000 (up to 3m) - 5,000 (up to 5m) Op/day
0.7 - 3 sec
CSB XT
three-phase induction
in oil bath
5,000,000 Op
230v
in opening and closing
encoder
mechanical
inside the structure
-30°C +60°C
IP54



MAXIMA ULTRA 36

Automatic barrier for continuous use.

A 230v AC electromechanical barrier equipped with an asynchronous three-phase motor and inverter, designed for very high frequency use. The Maxima Ultra 36 can manage clear drive through gaps from 2m to 6m. It is designed to operate in a wide range of environments such as large car parks, industrial sites and motorway tolls with very heavy traffic levels.

The barrier can be configured to manage the drive through gap using the top mounted control panel. The mechanical crankshaft delivers fluid movement for the boom whilst controlling the soft opening and closing. The same mechanism is able to provide anti-vandalism protection for the gear motor. The barrier is U-Link compatible for integration with Parking Management 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.



U-Link



rolling code



Oil Gear



Encoder



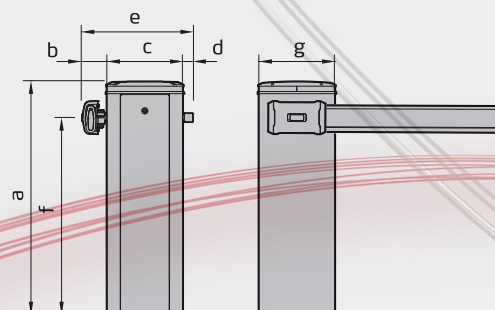
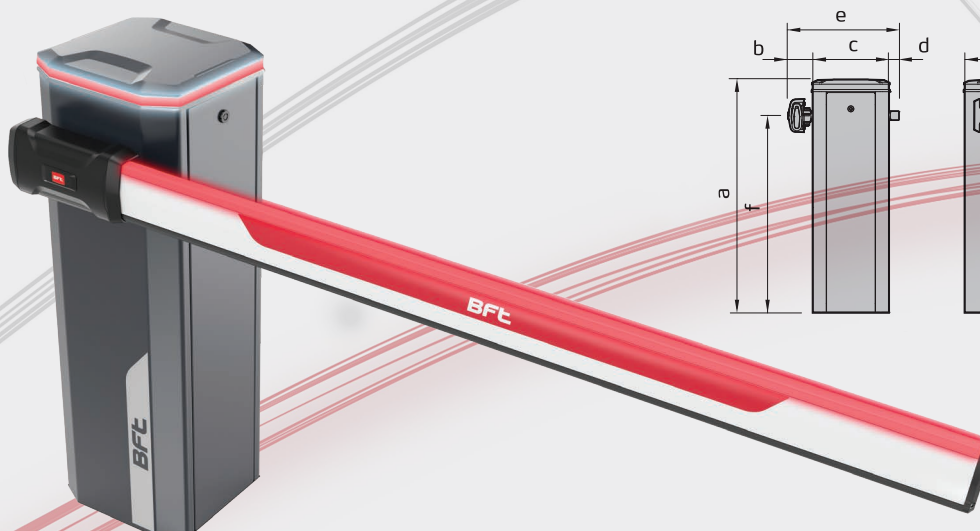
inverter



Block



tri



FEATURES

- Continuous use
- Oil bath gear motor
- Manage openings up to 6m
- Self-diagnostics function
- Asynchronous three-phase motor with inverter
- Control panel under the cap and compatible with U-Link
- Three access points for simplified maintenance
- Anti-vandal protection with connecting rod-crank system

DIMENSIONS

MODEL	A	B	C	D	E	F	G
MAXIMA Ultra 36	1,030	110	338	45	493	870	338

SPECIFICATIONS

Useful passage
Frequency of use
Opening and closing
Control panel
Motor type
Gear unit type
MCBF (mean cycles between failures)
Motor power supply
Slowdown
Impact reaction
Lock
Release
Ambient conditions
Protection rating

MAXIMA ULTRA 36

2 m to 6 m
20,000 (@3 m), 5,000 (@6 m) movements per day
0.7 - 3.9 seconds
CSB XT
asynchronous three-phase
oil bath
7,000,000 movements
230 V
soft opening and closing
encoder
mechanical
inside the structure
-40°C to +60°C
IP55



MAXIMA ULTRA 68

Automatic barrier for very intensive/continuous use

A range of 230v AC electromechanical barriers 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 4m to 8m.

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.



U-Link



Rolling Code



Oil Gear



Encoder



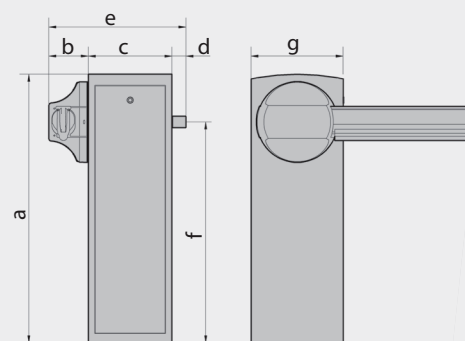
Inverter



Block



Tri



DIMENSIONS

MODEL	A	B	C	D	E	F	G
MAXIMA Ultra 68	1155	170	360	60	590	950	400

FEATURES

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

SPECIFICATIONS

Useful passage
Frequency of use
Opening or closing
Control panel
Motor type
Gear unit type
MCBF (Mean Cycles Between Failure)
Motor power supply
Slowdown
Impact reaction
Lock
Release
Ambient conditions
Protection rating

MAXIMA ULTRA 68

4m to 8m
3000 Op/day
4.5 - 6 sec
CSB XT
three-phase induction
in oil bath
2,000,000 Op
230v
in opening and closing
encoder
mechanical
inside the structure
-30°C +60°C
IP54

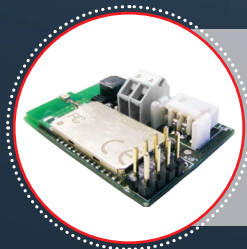


New power in *your* hands.

The innovative technology that gives you new power

U-Link. Universal Link is an exclusive Bft platform for creating wireless interconnected systems for control units and receivers

- **U-Control:** a system developed by Bft Automation to control home automation via smartphone or tablet. The application links with Bft U-link products.
- **U-Base 2:** a software program created to monitor the operation of an interconnected automation system via U-Link. It simplifies the management allowing the automation settings to be remotely monitored.
- **U-SDK:** a program which allows Bft products to communicate with Building Management Systems (BMS) via the U-Link platform. With an extremely simple syntax, this software translates external commands into the U-Link language.



B-eba expansion cards

B-eba expansion cards plug into U-Link compatible Bft control panels. They enable the user to connect external devices, such as PCs, smartphones and tablets via software and apps. The B-eba cards can connect via Wi-Fi, Bluetooth, TCP/ IP or a RS485 serial connection.



Clonix U-Link receiver

An external two-channel receiver providing a connecting slot for a Blue-Entry B-eba card. The Clonix receiver wires into Bft control panels not equipped with U-Link and control panels by other brands. This allows gates to be opened via a smartphone.

Team up with us: be ahead!

Advanced solutions, with unique, exclusive features. But also simple, accessible, and user-friendly. Cutting edge technologies designed to improve the lives of everyone: both those who install them and those who use them.

This is who we are today: a company focused on the needs of the present, with an eye looking to the future. A professional, people-friendly company, capable of taking its partners by the hand and, thanks to a full access specialist approach, propelling them along at a dynamic pace that will ensure they are always out there in front. A company where the technical component is supported by the power of passion, where engineering expertise is complemented by the brilliance of keen inventiveness. Because we like to listen to you, understand you, address your needs and offer new opportunities; always giving you the best and offering you tools that are increasingly sophisticated, designed to enhance your performances. A fast, smart technology, with its foot always on the accelerator: ensuring you steam ahead at the pace of innovation and that, together with you, it is always one step ahead.



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