



Empowered by  
**U-LINK**

# BARRIERS

Range of road barriers



Be ahead



# U-LINK

## The innovative technology that gives you more power

An absolute innovation, and Bft exclusive, with surprising new-generation performance: U-Link is a cross-platform that allows the creation of technological ecosystems, offering maximum control.

- **U-Control** A new Android App that, in just a few simple steps, shows the potential of U-SDK in the service and commercial sector.
- **U-Base 2** facilitates the management of a system interconnected via U-Link, allowing you to control the automation parameters.
- **U-SDK** the system integrators can make other brands of home automation systems dialogue with Bft products interconnected in a U-link network.

# New power in *your* hands.



## B-eba

**A direct line with your operators.**

B-eba expansion cards allow the connection of external devices, such as PCs, smartphones and tablets, to a Bft operator or Clonix receiver, or the connection of several Bft products in a U-Link network. These accessories integrate with U-Link technology and Bluetooth, Z-Wave, Tcp/Ip protocols, as well as the RS485 serial connection. A device that fully translates what Bft intends as interconnectivity.



## Clonix U-link

**Allows the connection of old-generation products or non-Bft products to U-Link systems.**

Old-generation Bft operators or a product belonging to other brands: can they be connected to U-link? Yes, thanks to the Clonix receivers. Accessories that know no limits.



## MICHELANGELO BT A

Automatic barrier for intensive use.

- Range of barriers for intensive use, able to manage useful passages of up to 8 m. The wide range of accessories, incorporated flashing light and the arrangement for installing photocells make them ideal in any context.
- Central control unit with U-Link, programming display and incorporated two-channel radio receiver fitted in the top of the unit for easier access.
- Limit switch system with electronic adjustment that speeds up installation and ensures maximum precision of movement.
- Backup battery power supply system, installable on-board unit.
- IP54 protection rating



U-Link



rolling code



er ready



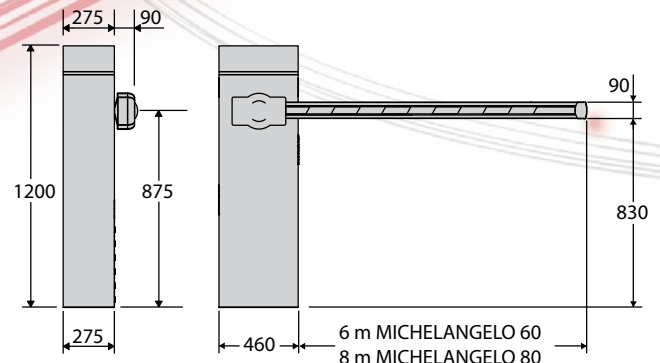
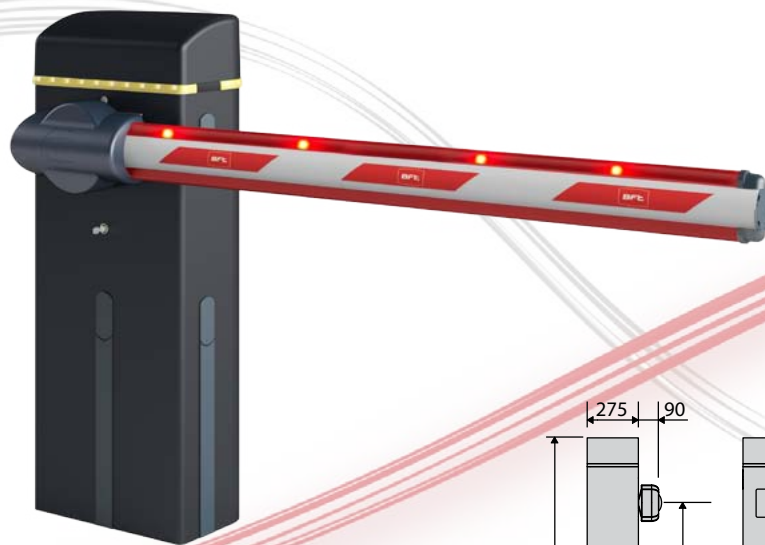
ee link



24 V



Block



### FEATURES

- Control unit with U-Link and programming display
- IP54 protection
- Management of opposed bars

### SPECIFICATIONS

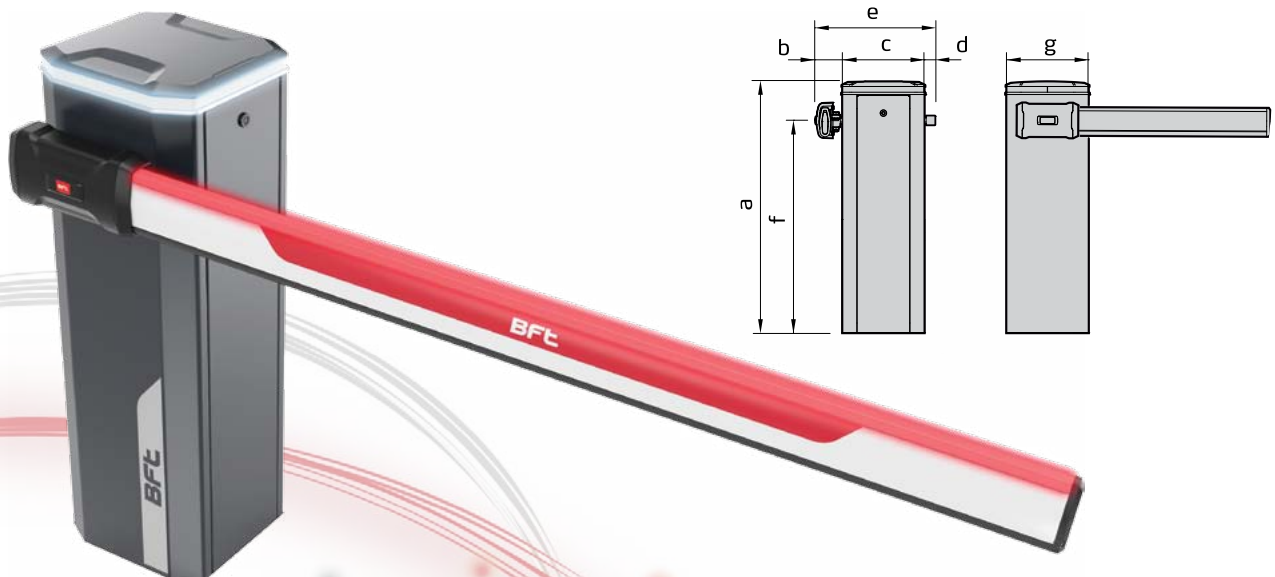
	MICHELANGELO BT A 60 U	MICHELANGELO BT A 80 U
Useful passage	6 m	8 m
Control unit	MERAK BM	MERAK BM
Power supply	24V	24V
Opening or closing	6 sec.	8 sec.
Type of limit switch	electronic	electronic
Slowdown	adjustable	adjustable
Lock	mechanical	mechanical
Release	key	key
Frequency of use	intensive	intensive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



# MAXIMA ULTRA 36

Automatic barrier for continuous use.

- Professional 230 VAC electromechanical barrier for high frequency of use with asynchronous three-phase motor with inverter. For controlling openings of between 2 and 6 metres in a single model. Studied and designed to operate in a wide range of operating conditions such as large car parks, motorway toll booths with very heavy traffic levels or industrial facilities. Option to configure the opening clearance using an electronic control unit. Mechanical crankshaft movement able to deliver fluidity of movement to the bar, whilst also controlling soft opening and closing. The same mechanism is able to provide a high degree of anti-vandalism protection for the gear motor. With U-Link protocol for integration with Parking Management or Building Management systems. Using the RGB illuminated cap (optional), the barrier is able to communicate via self-diagnostics if there are problems and to indicate them with a colour code without any need to access the control unit.



U-Link



rolling code



Oil Gear



Encoder



inverter



Block



tri

## FEATURES

- Continuous use
- Oil bath gear motor
- Single unit can manage openings up to 6 m
- Self-diagnostics function
- Asynchronous three-phase motor with inverter
- Control unit 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

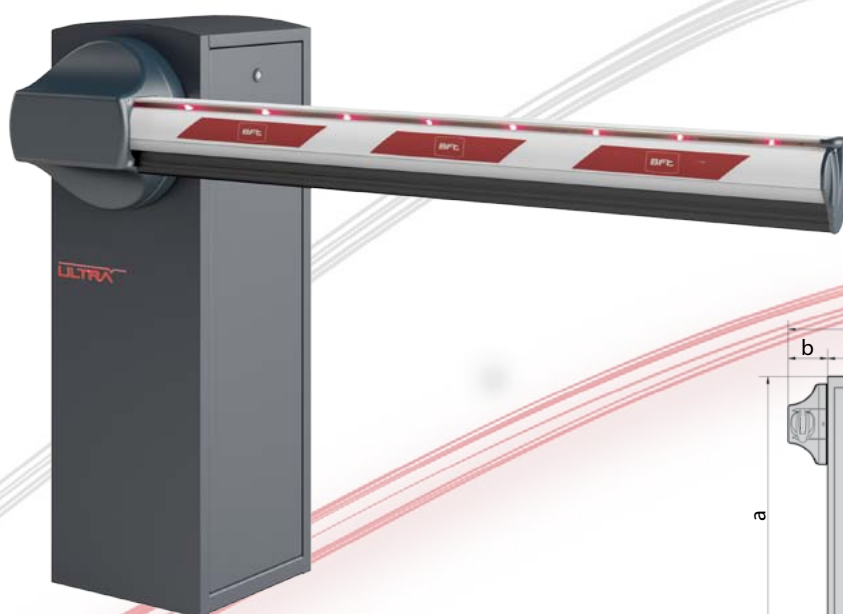
	MAXIMA ULTRA 36
Useful passage	2 m to 6 m
Frequency of use	20,000 (@3 m), 5,000 (@6 m) movements per day
Opening and closing	0.7 - 3.9 seconds
Control unit	CSB Xtreme
Motor type	asynchronous three-phase
Gear unit type	oil bath
MCBF (mean cycles between failures)	7,000,000 movements
Motor power supply	230 V
Slowdown	soft opening and closing
Impact reaction	encoder
Lock	mechanical
Release	inside the structure
Ambient conditions	-40°C to +60°C
Protection rating	IP55



## MAXIMA ULTRA

Automatic barrier for very intensive/continuous use.

- Range of professional 230 Vac electromechanical barriers with three-phase induction motor with inverter for intensive use. Designed and developed to operate in a wide variety of conditions such as large car parks, busy motorway toll-gates, industrial installations. Possibility of setting the useful passage from electronic control unit. Mechanical movement with connecting rod-crank mechanism ensuring smooth movement of the boom, while managing slowdown in opening and closing. The same mechanism can ensure high anti-vandal protection for the gearmotor. Equipped with U-Link protocol, they allow integration in Parking Management or Building Management systems



U-Link



rolling code



Oil Gear



Encoder



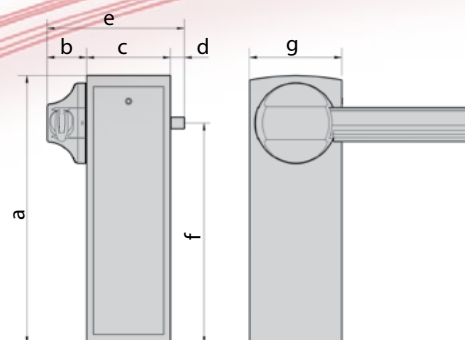
inverter



Block



tri



### FEATURES

- Continuous use
- Oil bath gear motor
- Three-phase induction motor
- Control unit 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
MAXIMA Ultra 68	1155	170	360	60	590	950	400

### SPECIFICATIONS

	MAXIMA ULTRA 35	MAXIMA ULTRA 68
Useful passage	1.7 m to 5 m	4 m to 8 m
Frequency of use	20,000 (up to 3m) - 5,000 (up to 5m) Op/day	3000 Op/day
Opening or closing	0.7 - 3 sec	4.5 - 6 sec
Control unit	CSB Xtreme	CSB Xtreme
Motor type	three-phase induction	three-phase induction
Gear unit type	in oil bath	in oil bath
MCBF (Mean Cycles Between Failure)	5,000,000 Op	2,000,000 Op
Motor power supply	230 V	230 V
Slowdown	in opening and closing	in opening and closing
Impact reaction	encoder	encoder
Lock	mechanical	mechanical
Release	inside the structure	inside the structure
Ambient conditions	-30°C +60°C	-30°C +60°C
Protection rating	IP54	IP54



# MAXIMA

Electromechanical barrier for very intensive use.

- Range of professional 230 Vac electromechanical barriers for intensive use, designed and developed to operate in a wide variety of operating conditions, such as large car parks, motorway toll-gates, industrial installations. Mechanical movement with connecting rod-crank mechanism ensuring smooth movement of the boom, while managing slowdown in opening and closing. The same mechanism can ensure high anti-vandal protection for the gearmotor.



rolling code



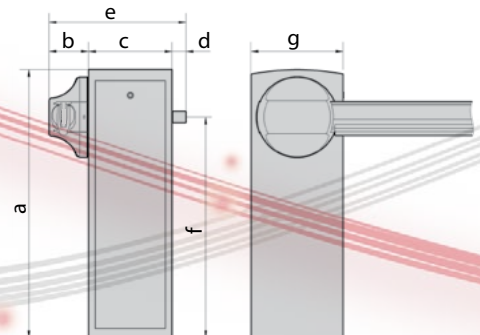
Oil Gear



Encoder



Block



## FEATURES

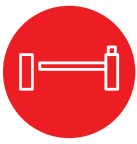
- Very intensive use
- Gearmotor in oil bath
- Anti-vandal connecting rod-crank mechanism

## DIMENSIONS

MODEL	a	b	c	d	e	f	g
MAXIMA 30	1110	120	320	40	480	950	280
MAXIMA 60	1155	170	360	60	590	950	400
MAXIMA 80	1155	170	360	60	590	950	400

## SPECIFICATIONS

	MAXIMA 30	MAXIMA 60	MAXIMA 80
Useful passage	1.7 m to 3 m	4 to 6 m	6 to 8 m
Control unit	CSB-BR	CSB-BR	CSB-BR
Power supply	Single-phase 230 V	Single-phase 230 V	Single-phase 230 V
Opening or closing	1.7 sec.	9 sec.	9 sec.
Frequency of use	10,000 Op/day	2,000 Op/day	2,000 Op/day
MCBF (Mean Cycles Between Failure)	5,000,000 Op	2,000,000 Op	2,000,000 Op
Slowdown	in opening and closing	in opening and closing	in opening and closing
Impact reaction	encoder	encoder	encoder
Lock	mechanical	mechanical	mechanical
Release	inside the structure	inside the structure	inside the structure
Ambient conditions	-30°C +60°C	-30°C +60°C	-30°C +60°C
Protection rating	IP54	IP54	IP54



## GIOTTO BT A

Electromechanical barrier for intensive use.

- Range of barriers for intensive use, able to manage useful passages up to 6 m. Equipped with 24Vdc motors, they have a wide range of accessories making them ideal in any context.
- Scenario programming: the MERAK BG control units enable extremely rapid and precise installations thanks to the scenario programming of the installation. In fact, with just a few choices made on the display it is possible to program the control unit completely, saving time and ensuring the best results.
- Control unit in upper position: the control unit located at the top of the barrier and protected by a solid aluminium housing enables connection, programming and maintenance operations to be performed with maximum ease and convenience.



U-Link



rolling code



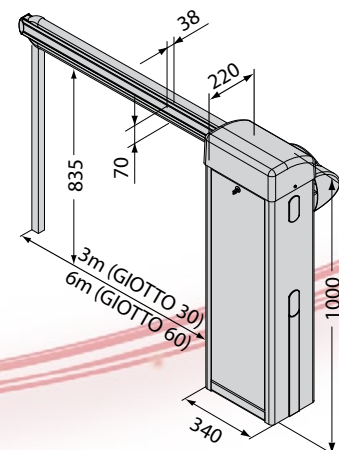
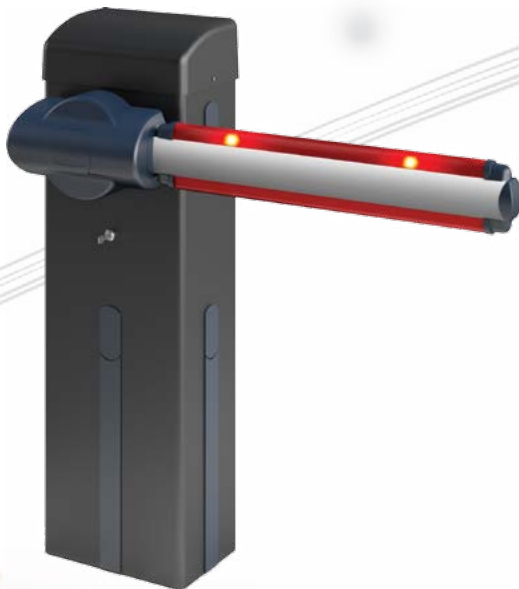
er ready



ee link



24 V



### FEATURES

- Encoder technology
- Electronic limit switches
- Control unit with U-Link and programming display
- Motor 24V

### SPECIFICATIONS

	<b>GIOTTO BT A 30 U</b>	<b>GIOTTO BT A 30S U</b>	<b>GIOTTO BT A 60 U</b>	<b>GIOTTO BT A 60S U</b>
Useful passage	3 metres	3 metres	6 metres	6 metres
Control unit	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 (-40 with thermo activation) °C to 50 °C	from -10 (-40 with thermo activation) °C to 50 °C	from -10 (-40 with thermo activation) °C to 50 °C	from -10 (-40 with thermo activation) °C to 50 °C
Protection rating	IP54	IP54	IP54	IP54





## MOOVI

Electromechanical barrier for intensive use.

- Range of barriers for intensive use, able to manage useful passages up to 6 m. The wide range of accessories available makes them ideal in any context
- Also available in Moovi 30S rapid version with opening speed of 1.5s (plus slowdown) and intensive use.
- Control unit with programming display and incorporated two-channel radio receiver (models Moovi 30/60RMM/30S)



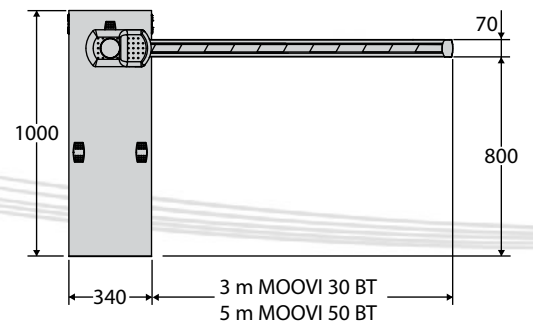
rolling code



er ready



ee link



### FEATURES

- Control unit with display and incorporated receiver
- Impact reaction via encoder (RMM version)

### SPECIFICATIONS

	<b>MOOVI 30S</b>	<b>MOOVI 30</b>	<b>MOOVI 30 RMM</b>	<b>MOOVI 60</b>	<b>MOOVI 60 RMM</b>
Useful passage	3 metres	3 metres	3 metres	6 metres	6 metres
Control unit	Leo MV D	Alpha Bom	Leo MV D	Alpha Bom	Leo MV D
Motor power supply	230V	230V	230V	230V	230V
opening or closing	1.5sec + slowdown	4 seconds	4 seconds	8 seconds	8 seconds
Type of limit switch		Type of electric limit switches incorp. and adjustable			
Slowdown	adjustable	adjustable	adjustable	adjustable	adjustable
Impact reaction	sensitive edge	sensitive edge	encoder	sensitive edge	encoder
Lock	mechanical	mechanical	mechanical	mechanical	mechanical
Release			personal key		
Frequency of use	intensive	semi-intensive	semi-intensive	semi-intensive	semi-intensive
Ambient conditions	-10°C to +55°C*	-10°C to +55°C*	-10°C to +55°C*	-10°C to +55°C*	-10°C to +55°C*
Protection rating	IP24	IP24	IP24	IP24	IP24

# Team up with us: be ahead!

Advanced solutions, with unique and exclusive features. But also simple, accessible, and close to people. Next-generation technologies designed to improve the lives of all: installers and those who use them.

This is us today: a company focused on the needs of the present, with an eye to the future. A professional and understanding company, able to take its partners by the arm and, thanks to a full access specialist approach, make them proceed at that dynamic pace allowing them to always be in the forefront. A company where the technical component is supported by the power of passion, and where engineering expertise is completed by the brilliance of lively inventiveness. Because we like to listen to you, understand you, address your needs and offer new opportunities; always giving you the best, with increasingly sophisticated tools designed to enhance performance. A fast and smart technology, always accelerating: to advance the pace of innovation and, together with you, always be a step ahead.



## Bft Spa

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