

# Barriers

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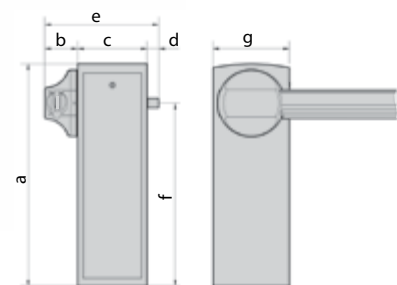
Range of road barriers



tuned to you

# Maxima Ultra

- Range of professional 230 Vac electromechanical barriers with speed variator and three-phase induction motor for high frequency of use.
- Designed and developed to operate in a wide variety of conditions such as large car parks, motorway tollgates with frequent reversing, industrial installations.
- Possibility of setting the useful passage from electronic control unit.
- Mechanical movement with crank to make the bar operate smoothly, also managing slowdowns in opening and closing.
- Equipped with U-Link protocol, they allow integration in Parking Management or Building Management systems



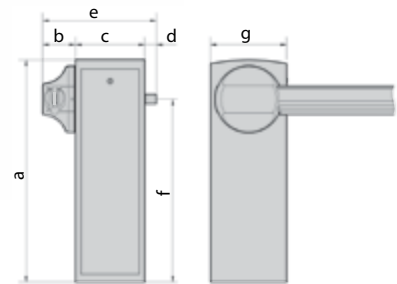
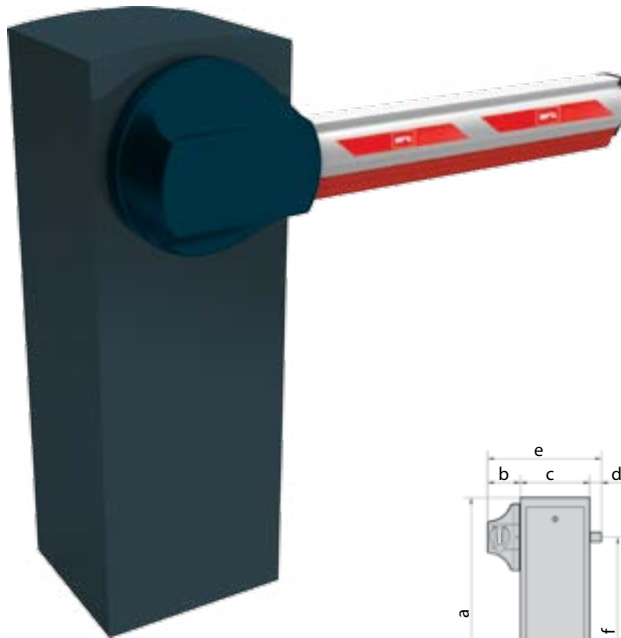
	a	b	c	d	e	f	g
<b>MAXIMA ULTRA 35</b>							
<b>MAXIMA ULTRA 35 SM</b>	1110	120	320	40	480	950	280
<b>MAXIMA ULTRA 68/ MAXIMA ULTRA 68 SM</b>	1155	170	360	60	590	950	400

## TECHNICAL CHARACTERISTICS

	<b>MAXIMA ULTRA 35</b>	<b>MAXIMA ULTRA 68</b>
Useful passage	from 1.7 to 5 m	from 4 to 8 m
Opening or closing time	0,7 (carbon boom) - 1,5 (3m)	5 (6m) - 6,5 (8m)
Control unit	CSB-XT	
Gear unit type	three-phase asynchronous	
Frequency of use	5,000 (20,000 carbon) Op/gg	20000p/gg
MCBF (Mean Cycles Between failures)	50000000p	20000000p
Motor power supply	230V	
Slowdown	opening and closing	
Impact reaction	encoder	
Locking	mechanical	
Release	inside the structure	
Environmental conditions	from -30°C to 60°C	

# Maxima

- 230Vac electromechanical barrier for intensive use for passages from 1,7 m to 8m, suitable for installation in large parking areas.
- Self-supporting structure in powder coated cataphoresis treated steel with self-cooled oil bath gearmotor housed inside.
- Smooth bar movement thanks to the rod/crank transmission mechanism. Incorporated boom holder, installation template (as optional) and control unit.



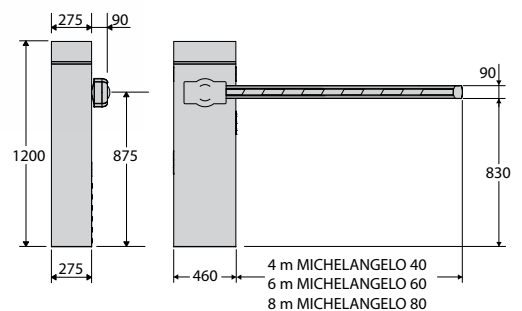
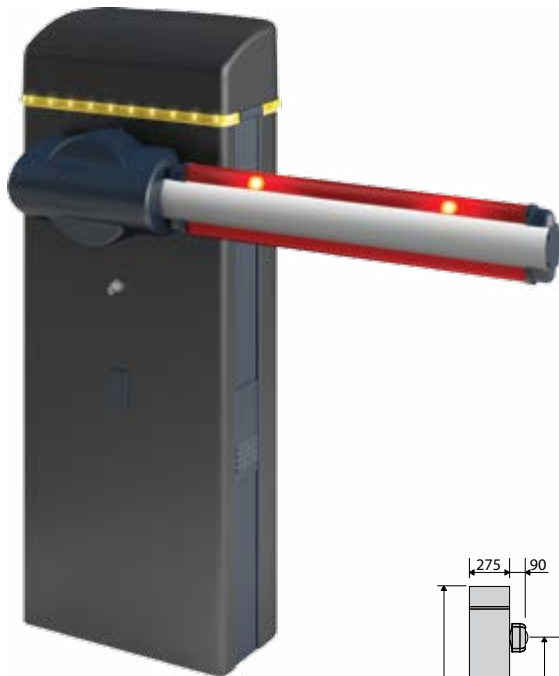
	a	b	c	d	e	f	g
<b>MAXIMA 30</b>	1110	120	320	40	480	950	280
<b>MAXIMA 60 / MAXIMA 80</b>	1155	170	360	60	590	950	400

## TECHNICAL CHARACTERISTICS

	<b>MAXIMA 30</b>	<b>MAXIMA 60</b>	<b>MAXIMA 80</b>
Useful passage	from 1.7 to 3 m	from 4 to 6.4 m	from 6.5 to 8 m
Opening or closing time	1.7 sec.	8sec.	8sec.
Control unit	single phase		
Gear unit type	in oil bath		
Frequency of use	100000p/gg	20000p/gg	20000p/gg
MCBF (Mean Cycles Between failures)	50000000p	12500000p	12500000p
Motor power supply	230V		
Slowdown	opening and closing		
Impact reaction	electronic magnetic reverser		
Locking	mechanical		
Release	inside the structure		
Environmental conditions	from -30°C to 60°C		

# Michelangelo

- Range of barriers for very intensive use, able to manage clear drive throughs up to 8 m. The wide range of accessories, the integrated flashing light and the arrangement for fitting photocells make them ideal in any context
- Control unit with programming display and incorporated two-channel radio receiver mounted on top of the machine for easier and convenient access
- Electronic adjustment limit switch system that speeds up installation and ensures maximum precision of movement
- Emergency battery power system, installable on the machine.

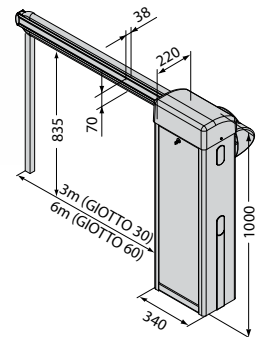
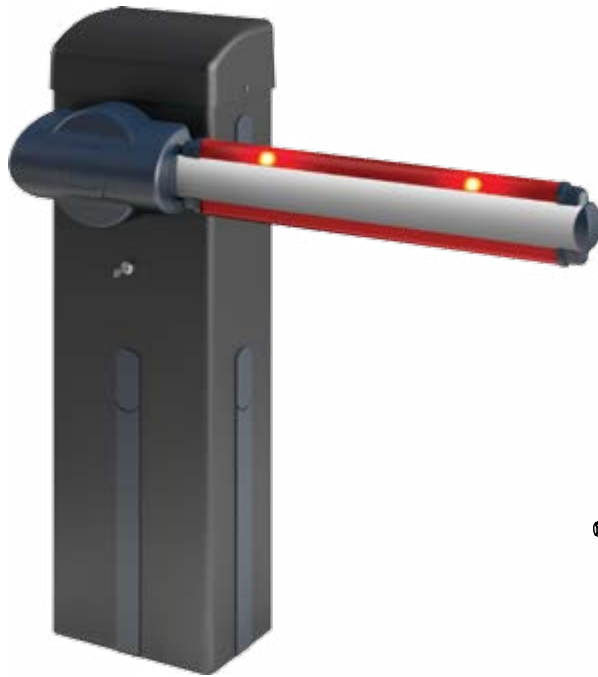


## TECHNICAL CHARACTERISTICS

	MICHELANGELO 40	MICHELANGELO 60	MICHELANGELO 80
Useful passage	4m	6m	8m
Control unit	Libra C MV		
Motor power supply	24V		
Opening or closing time	4sec.	6sec.	8sec.
Type of limit switch	electronic		
Slowdown	adjustable		
Lock	mechanical		
Release	personal release key		
Frequency of use	continuous use		
Ambient conditions	from - 20 (-40 with thermo activation)°C to 50°C		
Protection rating	ip24		

# Giotto

- Range of barriers for semi-intensive use, able to manage clear drive throughs up to 6 m. Available in the 24V versions, they have a wide range of accessories that make them ideal in any context
- Programming scenarios: the LIBRA CG/CGS control units enable extremely fast and precise installations thanks to installation scenario programming. 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 top 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.
- Power supply 24V: The 24V power supply of the gearmotor allows the use of the emergency power kit (GTO BAT battery kit) as well as the ECOSOL solar power system

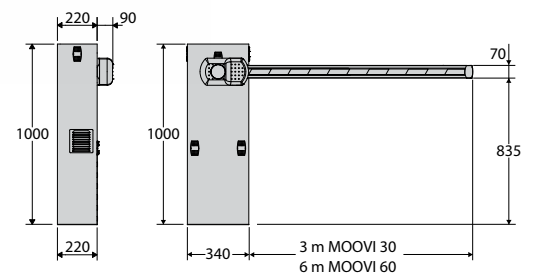


## TECHNICAL CHARACTERISTICS

	GIOTTO 30 BT	GIOTTO 30S BT	GIOTTO 60 BT	GIOTTO 60S BT
Useful passage	3m	3m	6m	6m
Control unit	Libra C G	Libra C GS	Libra C G	Libra C GS
Motor power supply	24V			
Opening or closing time	4sec	2.5sec	5sec	4sec
Type of limit switch	electronic open/close			
Slowdown	adjustable			
Lock	mechanical			
Release	personal release key			
Frequency of use	intensive			
Ambient conditions	from -10/(-40 with thermo activation)°C to 55°C			
Protection rating	ip54			

# Moovi

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



## TECHNICAL CHARACTERISTICS

	MOOVI 30S	MOOVI 30	MOOVI 30 RMM	MOOVI 60	MOOVI 60 RMM
Useful passage	3m	3m	3m	6m	6m
Control unit	Leo MV D	Alpha Bom	Leo MV D	Alpha Bom	Leo MV D
Motor power supply	230V				
Opening or closing time	1,5sec + slow down	4sec	4sec	8sec	8sec
Type of limit switch	electric incorp. and adjustable				
Slowdown	adjustable				
Lock	mechanical				
Release	personal release key				
Frequency of use	intensive	semi-intensive	semi-intensive	semi-intensive	semi-intensive
Ambient conditions	from -20°C to 50°C				
Protection rating	ip24				

# Accessories

	Code	Name	Description	MOOVI	GIOTTO	MICHEL.	MAXIMA	MAXIMA ULTRA
	P120036 00001	<b>ATM25</b>	Aluminium bar L=2.5 m with drop-shaped profile and red reflectors. Lights and rubber protection not included. Completely protected by new polystyrene packaging.				■	■
	P120036 00002	<b>ATM30</b>	Aluminium bar L=3 m with drop-shaped profile and red reflectors. Lights and rubber protection not included. Completely protected by new polystyrene packaging.				■	■
	P120036 00003	<b>ATM40</b>	Aluminium bar L=4 m with drop-shaped profile and red reflectors. Lights and rubber protection not included. Completely protected by new polystyrene packaging.				■	■
	P120036 00004	<b>ATM50</b>	Aluminium bar L=5 m with drop-shaped profile and red reflectors. Lights and rubber protection not included. Completely protected by new polystyrene packaging.				■	■
	P120037 00001	<b>ATM30 90°</b>	Articulated bar 90° L=3 fitted. Rubber and lights not included.				■	■
	P120037 00002	<b>ATM50 90°</b>	Articulated bar 90° L=5 fitted. Rubber and lights not included.				■	■
	P120038 00001	<b>ATM30 90° L</b>	3m articulated bar 90° opening, with bar and lights fitted.				■	■
	P120038 00002	<b>ATM50 90° L</b>	5m articulated bar 90° opening, with lights and bar fitted.				■	■
	P120041	<b>ATML60</b>	Aluminium bar L= 60m ø 92 mm. Lights and rubber not included. Completely protected by new polystyrene packaging.				■	■
	P120042	<b>ATML EXT2</b>	Extension L=2m for bar model ATML 60. Lights and rubber not included.				■	■
	P120046	<b>OMEGA ATML U 68</b>	Single clamping of hand guard and screws for Maxima_68 Ultra. Bar not included.					■
	P120062	<b>OMEGA ATM U35</b>	Single clamping for ATM bar for MAXIMA ULTRA 35. Bar not included.					■
	P120043	<b>OMEGA ATM</b>	Single clamping of hand guard and screws for bar ATM				■	
	P120044	<b>OMEGA ATML</b>	Single clamping of hand guard and screws for MAXIMA 60/80. Bar not included.				■	
	N728022	<b>AQ6</b>	Complete 6 m rectangular boom for MICHELANGELO			■		
	N999606	<b>OMEGA AQ 6</b>	Accessories pack for AQ 6 boom			■		
	N999607	<b>OMEGA AT 70</b>	Accessories pack for AT 704/706			■		
	N728026	<b>AT 704</b>	First part of telescopic round boom for MICHELANGELO, diam. 70 mm, length 4.3 m.			■		
	N728027	<b>AT 504</b>	Second part of telescopic round boom for MICHELANGELO, diam. 50 mm, length 4.6 m.			■		
	N728028	<b>AT 502</b>	Second part of telescopic round boom for MICHELANGELO, diam. 50 mm, length 2.6 m.			■		
	N728030	<b>AT 706</b>	Round boom diam. 70 mm length 6.35 m for MICHELANGELO. for openings up to 6 m			■		
	N728033	<b>AQ3</b>	Complete 3 metre rectangular boom for GIOTTO and MOOVI	■	■			
	N728034	<b>AQ5</b>	Complete 5 metre rectangular boom for GIOTTO and MOOVI	■	■			
	N999507	<b>OMEGA AQ</b>	Pack of accessories for installation of 3/5 m rectangular boom for MOOVI/GIOTTO	■	■			
	N728031	<b>AT3</b>	Complete 3 metre round boom for MOOVI/GIOTTO	■	■			
	N728032	<b>AT5</b>	Complete 5 metre round boom for MOOVI/GIOTTO	■	■			
	N728038	<b>AT6</b>	Complete 6 metre round boom for MOOVI/GIOTTO	■	■			
	N999513	<b>OMEGA AT</b>	Pack of accessories for installation of 3/6 m round boom for MOOVI/GIOTTO	■	■			

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