



Accesses to private areas, apartment buildings, car parks, garages and industries: BFT produces automatic road barriers for openings of variable width for all these contexts. The entire range ensures broad installation versatility and a great maintenance simplicity.

SOLUTIONS FOR THE AUTOMATION OF ROAD BARRIERS

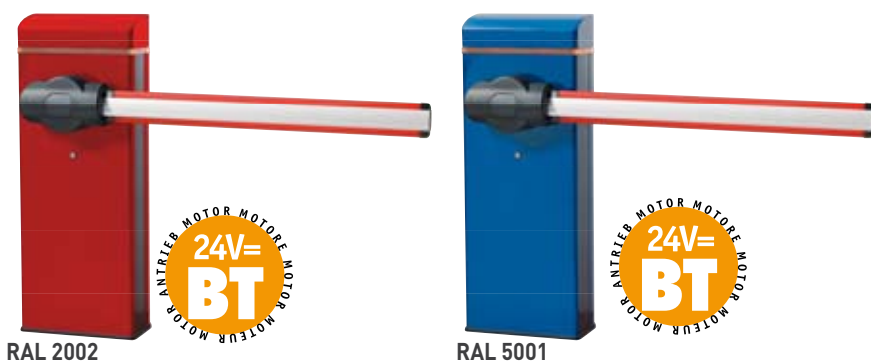
MICHELANGELO | BGV | MOOVI



MICHELANGELO SERIES

ROAD BARRIERS

122



• A MODEL FOR EVERY NEED.

→ Possibility of closing passages up to 8 m.

• SMART TECHNOLOGY.

→ Electronic adjustment of the limit switches.
→ The new position of the control panel makes it possible to operate in a vertical position.

• SAFE USE.

→ The barrier features a very stout structure to guarantee greater protection from vandal attacks and constant reliability in use.

• SIMPLER INSTALLATION.

→ The blinker and the support for the photocells are integrated in the frame (optional), the lights are integrated in the boom (optional).
→ Cabling is simplified by means of the ducting for housing the cables themselves.

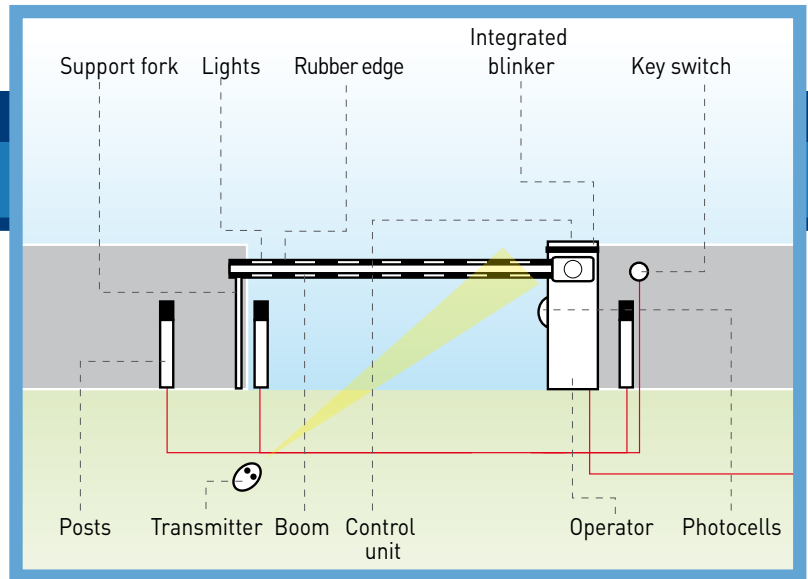
CODE	DESCRIPTION	VOLTAGE	BOOM LENGTH	Q.TY PER PALLET
P941005 00001	MICHELANGELO 40 (Red version) NEW²⁰⁰⁹	24V	4m	4
P941008 00001	MICHELANGELO 40 (Blue version) NEW²⁰⁰⁹	24 V	4 m	4
P941006 00001	MICHELANGELO 60 (Red version)	24 V	6 m	4
P941002 00001	MICHELANGELO 60 (Blue version)	24 V	6 m	4
P941007 00001	MICHELANGELO 80 (Red version)	24 V	8 m	4
P941004 00001	MICHELANGELO 80 (Blue version)	24 V	8 m	4

TECHNICAL FEATURES

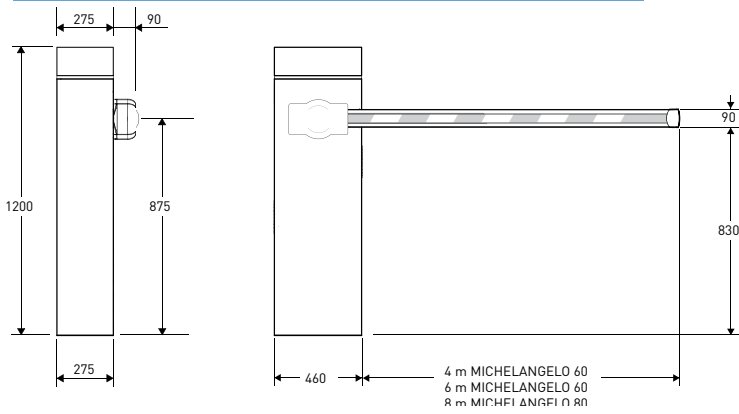
FEATURES OF THE RANGE

SPECIFIC FEATURES

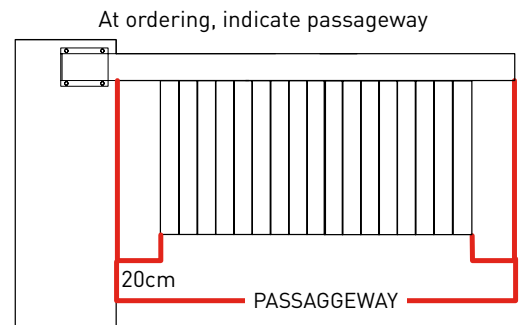
		MICHELANGELO 40	MICHELANGELO 60	MICHELANGELO 80
CONTROL PANEL	LIBRA C MV (incorporated)			
OPERATOR	irreversible			
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase			
ABSORBED POWER	300 W			
OPENING OR CLOSING TIME		4 s (4 m)	6 s (6 m)	8 s (8 m)
IMPACT REACTION	stops and movement is reversed			
TYPE OF LIMIT SWITCHES	electronic opening/closing			
MANUAL RELEASE	fast key release			
OPERATING CYCLE	very intensive use			
ENVIRONMENTAL CONDITIONS	from -10°C to +55°C			
DEGREE OF PROTECTION	IP24			
OPERATOR WEIGHT WITHOUT BOOM		55 kg	58 kg	68 kg



DIMENSIONS (mm)



FENCE



NOTE: MICHELANGELO ACCESSORIES ILLUSTRATED ONLY ON FOLLOWING PAGES (PAGE 124-PAGE 125)



MICHELANGELO SERIES

ROAD BARRIERS

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ACCESSORIES



N728026 - ATT 704
First part telescopic round boom, ø 70, long 4,3 m.



NEW 2009

N728030 - ATT 706
First part telescopic round boom, ø 70, long 6,35 m.



N728028 - ATT 502
Second part telescopic round boom, ø 50, long 2,60 m.



N728027 - ATT 504
Second part telescopic round boom, ø 50, long 4,6 m.



N999386 ACC MCL ATT
accessories packaging for ATT 704 / 706 boom.



N728022 - ELL 6
Rectangular boom 6 m long.



N999391 ACC MCL ELL
accessories packaging for boom.

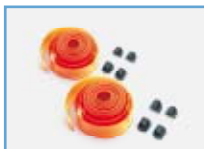


P120003 00002 - PCA 6
Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 6 m).
For MICHELANGELO Red.

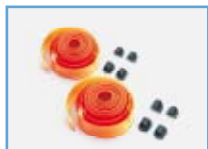


NEW 2009

P120003 00003 - PCA 8
Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 8 m).
For MICHELANGELO Red.



P120010 - MCL PCA 8
Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 8 m).
For MICHELANGELO Blue.



P120008 - MCL PCA 6
Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 6 m).
For MICHELANGELO Blue.



P120006 KIT MCL LAMPO
Integrated blinker.
It must be connected to KIT SCHEDA MCL.



P120005 00001 KIT MCL LIGHT
Lighting kit with 6 lights.
To be used in combination with PCA 6, PCA 8 or KIT MCL LAMPO. **It must be connected to KIT SCHEDA MCL.**



P120009 KIT SCHEDA MCL
Lights control board. One board is sufficient to have both KIT MCL LIGHT and LAMPO working.



NEW 2009

P903015 00001 KIT MCL RFL
CELLULA RFL mount on MICHELANGELO barrier.
Reflector included.

NEW 2009



P120007 00001 KIT MCL 130
External photocell post kit.



D730964 - BM
MICHELANGELO anchor base.



D730088 - FAF
Fixed bar rest fork.
For MICHELANGELO Red.



D730991 - MCL FAF
Fixed bar rest fork.
For MICHELANGELO Blue.



D940008 - MOOVI GA
Movable boom rest rod



D940009 MOOVI GAMA
Movable boom rest rod, shock absorbing.



D573003 - SB
Skirt to be fitted on boom, comes with L-shaped fastening profile. Cannot be applied to BGV/MOOVI 30 models.

Its application in the other models gives rise to a reduction of the overall length of the boom (see table).



P111408 SCS WIE
Circuit board for direct connection of wiegand accessories (such as SELETTO, COMPAS SLIM, etc.) to the control units

QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111376 - SCS 1
Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.

NEW 2009

P125011 - MCL BAT

Thanks to the back-up batteries and battery charger, the MCL BAT kit guarantees low voltage operation in the event of power failure.

AVAILABLE WHILE STOCK LAST



P120007 - KIT MCL 130
External photocell post kit. For MICHELANGELO Blue. **Available while stock last.**



P903015 - MCL RFL
CELLULA RFL mount on MICHELANGELO barrier. Reflector included. For MICHELANGELO Blue. **Available while stock last.**

CALCULATING THE MAXIMUM BOOM LENGTH OF MICHELANGELO 60 AND MICHELANGELO 80 ROAD BARRIERS BASED ON THE ACCESSORIES INSTALLED.

SB	SB	SB	SB	SB								
1 PCA or MCL PCA (only above the boom)	1PCA	1PCA			1PCA	1PCA		1PCA		1PCA		
2 PCA or MCL PCA (under and above the boom)									2 PCA		2 PCA	
KIT MCL LIGHT	KIT MCL LIGHT	KIT MCL LIGHT			KIT MCL LIGHT	KIT MCL LIGHT		KIT MCL LIGHT	KIT MCL LIGHT	KIT MCL LIGHT	KIT MCL LIGHT	
GA	GA		GA		GA	GA	GA	GA	GA			
BIR						BIR	BIR			BIR		BIR
ELL6 + MICHELANGELO 60	4,7 m	5 m	4,9 m	5,2 m	6 m	5,5 m	5,9 m	6 m	6 m	5,9 m	6 m	6 m
ATT704 + ATT502 + MICHELANGELO 60					5,9 m	5,2 m	5,5 m	5,9 m	5,7 m	5,5 m	6 m	5,8 m
ATT704+ATT504 + MICHELANGELO 80					8 m	7,1 m	7,5 m	8 m	7,8 m	7,3 m	8 m	7,8 m
ATT706 + MICHELANGELO 60	4,3 m	4,5 m	4,5 m	4,6 m	5,6 m	5 m	5,2 m	5,6 m	5,4 m	5,3 m	5,7 m	5,5 m
ATT706 + MICHELANGELO 80	6 m	6 m		6 m								
ATT704 + MICHELANGELO 40	2,2 m	2,4 m	2,5 m	2,6 m	4 m	3 m	3,4 m	4 m	3,8 m	3,2 m	4 m	3,7 m

EXAMPLE FOR MICHELANGELO 60 + ELL 6: SB + 1PCA + KIT MCL LIGHT + GA = BOOM MAX 4,7 m

NOTE: The values given in the table refer to maximum boom length. Booms that are shorter than the values given must be tested and suitably balanced.

MOOVI SERIES

ROAD BARRIERS

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• A MODEL FOR EVERY NEED.

→ Available in several versions, for openings from 3 to 5 m and speeds from 1.5 to 8 s.

→ Supplied with a wide range of accessories.

• SMART TECHNOLOGY.

→ Internal ventilation system.

→ Fast release with personalised key.

→ Pre-drilled frame to allow simpler installation of the accessories.

CODE	DESCRIPTION	VOLTAGE	BOOM LENGTH	Q.TY PER PALLET
P940026 00002	MOOVI 30	230 V	3 m	5
P940028 00002	MOOVI 50	230 V	5 m	5
P940030 00002	MOOVI 30S (Fast)	230 V	3 m	5
P940027 00002	MOOVI 30 RMM (Provision for metal object detector)	230 V	3 m	5
P940029 00002	MOOVI 50 RMM (Provision for metal object detector)	230 V	5 m	5

TECHNICAL FEATURES

FEATURES OF THE RANGE

SPECIFIC FEATURES

	MOOVI 30	MOOVI 50	MOOVI 30S	MOOVI 30/50 RMM
CONTROL PANEL				
OPERATOR	irreversible			
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase			
ABSORBED POWER	300 W			
THERMAL PROTECTION	built into motor			
OPENING OR CLOSING TIME	4 s	8 s	1,5 s + slowdown	4 s (MOOVI 30), 8 s (MOOVI50)
SLOWDOWN	-	-	adjustment	-
IMPACT REACTION	-	-	stops and movement is reversed	stops and movement is reversed
TYPE OF LOCK	mechanical opening/closing			
TYPE OF LIMIT SWITCHES	electric, incorporated, adjustable			
MANUAL RELEASE	fast release with personalised key			
OPERATING CYCLE	very intensive use			
ENVIRONMENTAL CONDITIONS	from -10°C to + 55°C			
DEGREE OF PROTECTION	IP24			
OPERATOR WEIGHT WITHOUT THE ROD	~36 kg			

CALCULATING THE MAXIMUM BOOM LENGTH OF MOOVI ROAD BARRIERS BASED ON THE ACCESSORIES INSTALLED.

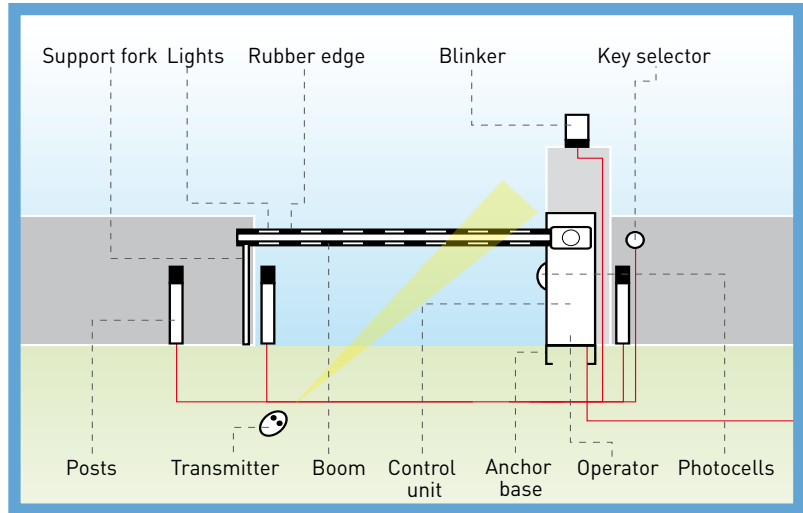
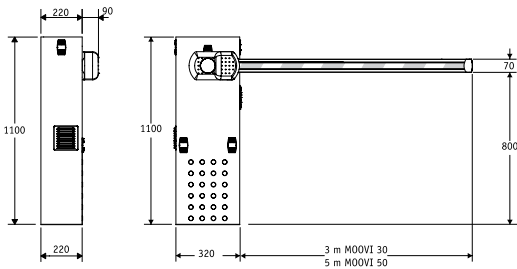
Boom ELL3 or ELL5	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom	Boom
SB	SB	SB	SB						SB	SB	SB					
PCA (only above the boom)	PCA	PCA		PCA	PCA				PCA	PCA		PCA	PCA			
PCA (under and above the boom)						PCA	PCA							PCA	PCA	
KIT LIGHT and KIT LIGHT 1	LIGHT			LIGHT		LIGHT			LIGHT			LIGHT		LIGHT		LIGHT
MOOVI GA or MOOVI GAMA	GA	GA	GA	GA	GA	GA	GA	GA								
	GAMA	GAMA	GAMA	GAMA	GAMA	GAMA	GAMA	GAMA								
Passageway MOOVI 30 (m)				2,7 m	2,7 m	2,5 m	2,6 m	2,9 m				3,0 m	3,0 m	2,9 m	3,0 m	3,0 m
Passageway MOOVI 50 (m)	3,3 m	3,3 m	3,5 m	4,6 m	4,8 m	4,4 m	4,5 m	5,0 m	3,6 m	3,6 m	3,7 m	5,0 m	5,0 m	4,8 m	5,0 m	5,0 m

EXAMPLE FOR MOOVI 50: BOOM + SB + PCA + LIGHT + GA = BOOM MAX. ELL5 3,3m

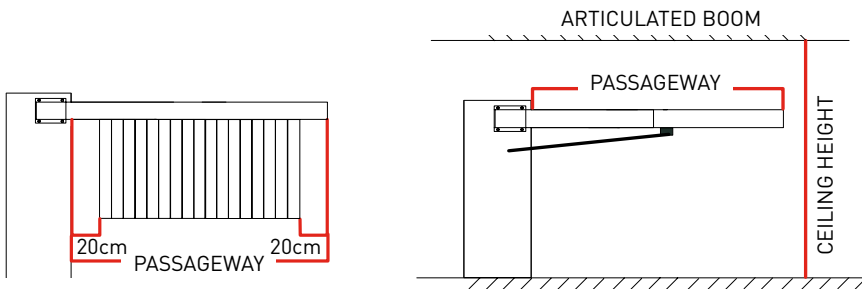
NOTE: The values given in the table refer to maximum boom length. Booms that are shorter than the values given must be tested and suitably balanced.



DIMENSIONS (mm)



WHEN ORDERING INDICATE THE WORKING PASSAGEWAY



ACCESSORIES



P111408 - SCS WIE
Circuit board for direct connection of wiegand accessories (such as SELETTO, COMPAS SLIM, etc) to the control units

QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111376 - SCS 1
Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



N728020 - ELL 3
One-piece 3 m boom.



N728021 - ELL 5
One-piece 5 m boom.



P120002 KIT MOOVI 130
External photocell post kit



N728029 MOOVI ART90
90-degree articulated boom for MOOVI30, 50, 30S. Max opening 3,8m.



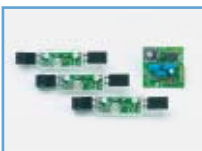
D940008 - MOOVI GA
Movable boom rest rod



D940009 MOOVI GAMA
Movable boom rest rod, shock absorbing.



P120004 KIT MOOVI PRM
Kit to protect hands from shearing.



P120001 00001 KIT MOOVI LIGHT
Lighting kit for 3 or 4.5 m booms. To be used in combination with the MOOVI PCA kit



P120001 00002 KIT MOOVI LIGHT1
Lighting kit for 5 or 6 m booms. To be used in combination with the MOOVI PCA kit



P120003 00001 - PCA 3
Boom upper and lower casing profile in rubber for boom.



P120003 00002 - PCA 6
Boom upper and lower casing profile in rubber for boom.



D730251 - CBO
MOOVI mod. anchor base.



D573003 - SB
Skirt to be fitted on boom, comes with L-shaped fastening profile. Cannot be applied to BGV/ MOOVI 30 models. Its application in the other models gives rise to a reduction of the overall length of the boom (see table).



D730088 - FAF
Fixed bar rest fork.

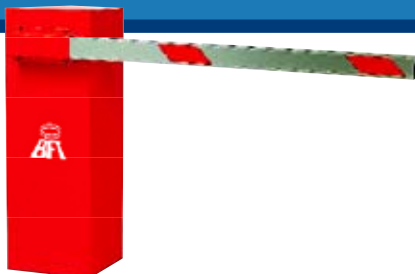


N190104 - BIR C
Rubber safety edge.

BGV SERIES

ROAD BARRIERS

128



• A MODEL FOR EVERY NEED.

→ Several versions available with low, medium and high speeds depending on the boom length.

• SMART TECHNOLOGY.

→ Boom balancing adjustable and controlled by a compression spring.

BGV RIGHT

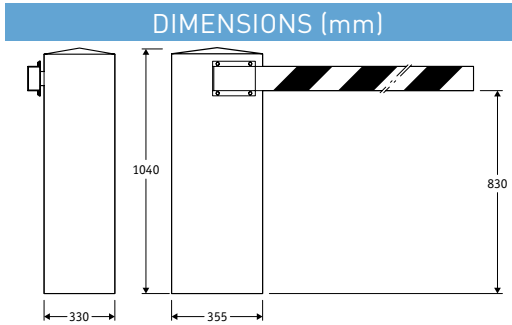
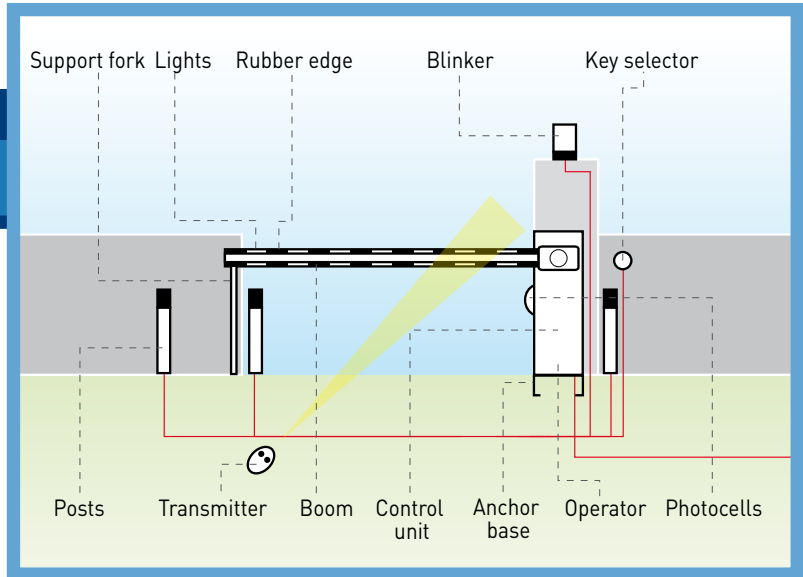
CODE	DESCRIPTION	VOLTAGE	BOOM LENGTH	Q.TY PER PALLET
P940007 00001	BGV 30 RIGHT	230 V	3 m	4
P940007 00003	BGV 30 LEFT	230 V	3 m	4
P940007 00020	BGV 30 INOX RIGHT	230 V	3 m	4
P940007 00022	BGV 30 INOX LEFT	230 V	3 m	4
P940008 00001	BGV 45 RIGHT	230 V	4,5 m	4
P940008 00003	BGV 45 LEFT	230 V	4,5 m	4
P940008 00020	BGV 45 INOX RIGHT	230 V	4,5 m	4
P940008 00022	BGV 45 INOX LEFT	230 V	4,5 m	4
P940010 00001	BGV 45 90° RIGHT	230 V	3,5 m	4
P940010 00003	BGV 45 90° LEFT	230 V	3,5 m	4
P940012 00001	BGV 45 180° RIGHT	230 V	3,5 m	4
P940012 00003	BGV 45 180° LEFT	230 V	3,5 m	4
P940009 00001	BGV 60 RIGHT *	230 V	6 - 7 m	4
P940009 00003	BGV 60 LEFT *	230 V	6 - 7 m	4
P940009 00020	BGV 60 INOX RIGHT *	230 V	6 - 7 m	4
P940009 00022	BGV 60 INOX LEFT *	230 V	6 - 7 m	4
P940011 00001	BGV 60 90° RIGHT *	230 V	5 - 6 m	4
P940011 00003	BGV 60 90° LEFT *	230 V	5 - 6 m	4
P940013 00001	BGV 60 180° RIGHT *	230 V	5 - 6 m	4
P940013 00003	BGV 60 180° LEFT *	230 V	5 - 6 m	4

For BGV models with jointed boom (BGV 45 90° - 60 90° - 45 180° - 60 180°) the maximum length of the boom must be reduced by 1m

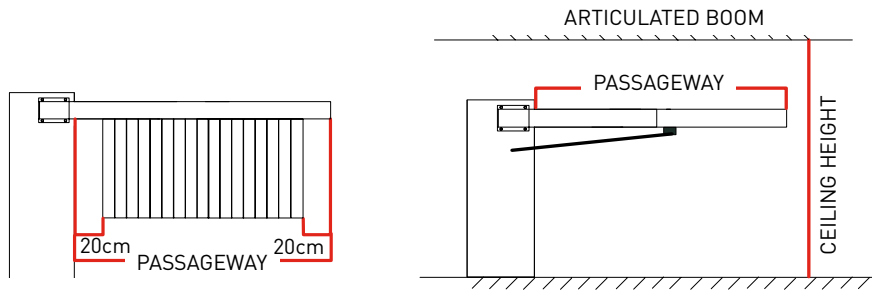
*Available while stock last

TECHNICAL FEATURES

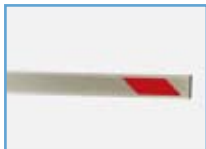
FEATURES OF THE RANGE		SPECIFIC FEATURES		
		BGV 30	BGV 45	BGV 60
CONTROL PANEL	LEO MV D (incorporated)			
OPERATOR	irreversible			
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase			
ABSORBED POWER	180 W			
THERMAL PROTECTION	integrated			
OPENING OR CLOSING TIME		3 s	6 s	12 s
TYPE OF LOCK	mechanical opening/closing			
TYPE OF LIMIT SWITCHES	electric, incorporated and adjustable			
MANUAL RELEASE	handle			
OPERATING CYCLE	very intensive use			
ENVIRONMENTAL CONDITIONS	from -10°C to + 55°C			
DEGREE OF PROTECTION	IP24			
OPERATOR WEIGHT WITHOUT BOOM	~60 kg			



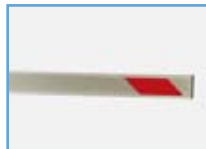
WHEN ORDERING INDICATE THE WORKING PASSAGEWAY



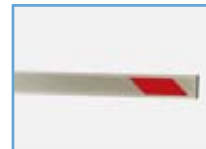
ACCESSORIES



N728004 - AI3
One-piece 3 m boom.



N728008 - AI4,5
One-piece 4.5 m boom.



N728016 - AI5
One-piece 5 m boom.



N728007 - AI6
One-piece 6 m boom.



N728015 - AT6
6 m long round boom for BGV. Not articulatable.



N728014 - AT7
7 m round boom for counterweight barrier. Non-articulatable boom. For BGV only.



N728009 - ART 90
90-degree articulated boom.



N728010 - ART 180
180-degree articulated boom.



D730148 - BB
BGV anchor base.



D730088 - FAF
Fixed bar rest fork.



D940007 - GAM
Movable boom rest rod (cannot be fitted on BGV 30 mod.).



D573003 - SB
Skirt to be fitted on boom, comes with L-shaped fastening profile. Cannot be applied to BGV/MOOVI 30 models.



P111408 - SCS WIE
Circuit board for direct connection of wiegand accessories (such as SELETT0, COMPAS SLIM, etc) to the control units



P111376 - SCS 1
Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.

Its application in the other models gives rise to a reduction of the overall length of the boom (see table).

QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.