

CATALOG.22



BOLLARDS, BARRIERS,
ROAD BLOCKER AND TYRE KILLER



make your world safer



MAC is the result of the merger between Manufacturer Automation Company and Mezzanotti Fausto Automazioni.

Our products range from bollards to road blockers, electrified wells and signaling systems.

Thanks to various processes, such as hot-dip galvanizing, MAC srl products stand out for their high reliability and durability over time.

We did not limit ourselves to making only performing and aesthetically pleasing products, but we made them customizable according to the customer's needs, allowing them to be modified also at the place of installation.

Seriousness, passion and innovation, in addition to the efficiency and experience gained over the years, have allowed us to cross geographical boundaries, acquiring customers in 53 countries.

All this allows us to guarantee maximum safety and high standards. Our company policy is aimed at continuous product improvement and customer care, which is why we follow and advise every customer from product selection to after-sales assistance.

In addition, we offer training courses for installation technicians to ensure correct installation of our products.

Anyone who would like to visit our company and see with their own eyes the love and dedication we place in our products, is welcome.

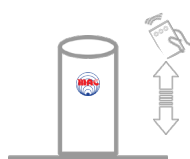
We will advise you on the most suitable product for your needs and we will lead you to discover the totally Made in Italy production.



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ANTI-TERRORISM BOLLARDS



K275A-M50

K275A-M40

K275A-M30

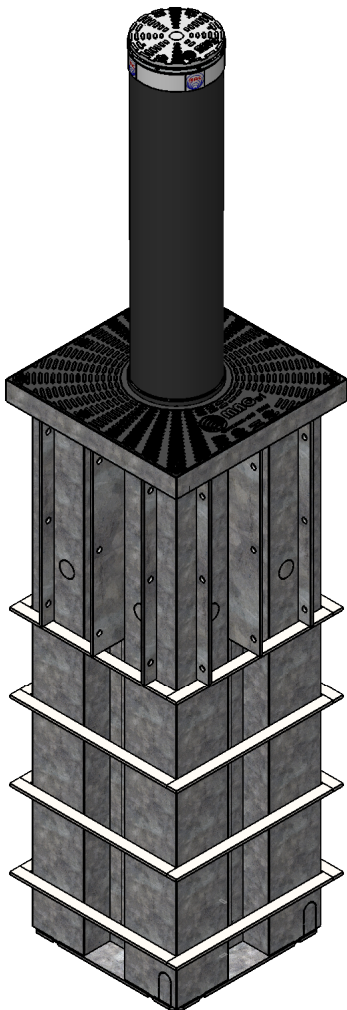
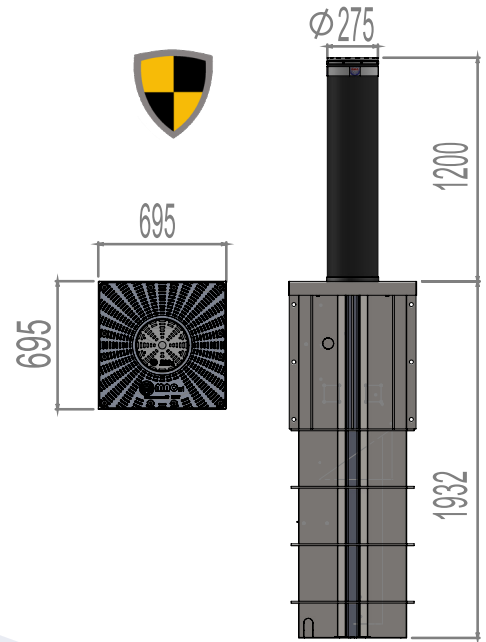
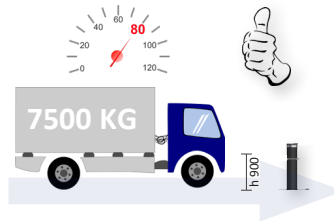
K275F M30 - M40 - M50

OPTIONAL

K275A-M50

M50 CERTIFIED AUTOMATIC BOLLARD

- HYDRAULIC MOVEMENT
- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF THE TUBE, EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		K275A FE	K275A FE EFO
THICKNESS OF THE TUBE	mm	25	
DIAMETER OF THE TUBE	mm	275	
MATERIAL OF THE TUBE		FE510	
FINISH OF THE TUBE		POWDER PAINT	
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION	
REFLECTIVE STRIP		•	
RESISTANCE TO BREAKAGE	(h 900mm) J	2.000.000	
RESISTANCE TO DEFORMATION	J	750.000	
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg	40.000	
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)		2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE		3.500.000	
MAXIMUM PRESSURE OF WORK	bar	180	
CAPACITY OF THE PUMP	L	10	
DEGREE OF PROTECTION OF THE PUMP	IP	67	
POWER ABSORBED	W	2500	
POWER SUPPLY	Vac	220/380	
POWER SUPPLY OF THE LED	Vdc	24	
TEMPERATURE OF WORK	°C	-45 +80	
ROHS REQUIREMENTS		•	

• = standard equipment

K275A-M50 H1200	CERTIFIED	COD	030562518	030562518E
HEIGHT OF THE TUBE		mm	1200	
SPEED OF ASCENT		sec	5 - 7	
SPEED OF DESCENT		sec	1 - 4	
SPEED OF ASCENT WITH EFO		sec		1.5
TOTAL WEIGHT BOLLARD		Kg	890	920

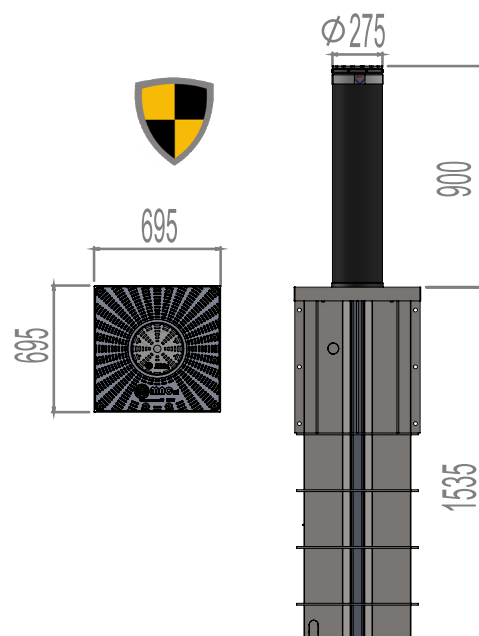
K275A-M50 H1000	COMPLIANT	COD	030562517	030562517E
HEIGHT OF THE TUBE		mm	1000	
SPEED OF ASCENT		sec	4 - 6	
SPEED OF DESCENT		sec	1 - 4	
SPEED OF ASCENT WITH EFO		sec		1.5
TOTAL WEIGHT BOLLARD		Kg	820	850

**BOLLARD H1200 CERTIFIED IN COMPLIANCE WITH
IWA 14-1:2013
PAS 68:2013
ASTM F2656-18A**

K275A-M40

M40 COMPLIANT AUTOMATIC BOLLARD

- HYDRAULIC MOVEMENT
- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF THE TUBE, EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		K275A-M40 FE	K275A-M40 EFO	K275A-M40 I	K275A-M40 I EFO
THICKNESS OF THE TUBE	mm		20		
DIAMETER OF THE TUBE	mm		275		
MATERIAL OF THE TUBE		FE510		INOX 304	
FINISH OF THE TUBE		POWDER PAINT		SATIN	
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION			
REFLECTIVE STRIP			•		
RESISTANCE TO BREAKAGE	J		1.200.000		
RESISTANCE TO DEFORMATION	J		700.000		
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000		
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400		
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			3.500.000		
MAXIMUM PRESSURE OF WORK	bar		180		
CAPACITY OF THE PUMP	L		10		
DEGREE OF PROTECTION OF THE PUMP	IP		67		
POWER ABSORBED	W		2500		
POWER SUPPLY	Vac		220/380		
POWER SUPPLY OF THE LED	Vdc		24		
TEMPERATURE OF WORK (FROM -10 USE RESISTANCE)	°C		-45 +80		
ROHS REQUIREMENTS			•		

• = standard equipment

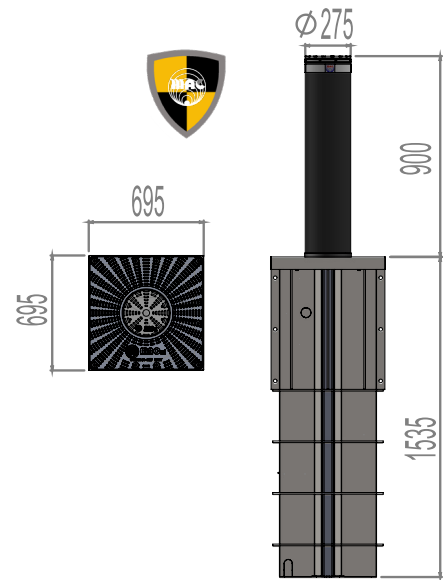
K275A-M40 H900	COMPLIANT	COD	030462016	030462016E	030462056	030462056E
HEIGHT OF THE TUBE		mm		900		
SPEED OF ASCENT		sec		5 - 5,5		
SPEED OF DESCENT		sec		1 - 4		
TOTAL WEIGHT BOLLARD		Kg	650	680	660	690

K275A-M30



M30 COMPLIANT AUTOMATIC BOLLARD

- HYDRAULIC MOVEMENT
- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF THE TUBE, EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- CUSTOM CONFIGURATION



MODEL		K275A-M30 FE	K275A-M30 EFO	K275A-M30 INOX	K275A-M30 I EFO
THICKNESS OF THE TUBE	mm			12,5	
DIAMETER OF THE TUBE	mm			275	
MATERIAL OF THE TUBE		FE510		INOX 304	
FINISH OF THE TUBE		POWDER PAINT		SATIN	
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION			
REFLECTIVE STRIP				•	
RESISTANCE TO BREAKAGE	J		760.000		
RESISTANCE TO DEFORMATION	J		255.000		
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000		
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400		
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			3.500.000		
MAXIMUM PRESSURE OF WORK	bar		180		
CAPACITY OF THE PUMP	L		10		
DEGREE OF PROTECTION OF THE PUMP	IP		67		
POWER ABSORBED	W		2500		
POWER SUPPLY	Vac		220/380		
POWER SUPPLY OF THE LED	Vdc		24		
TEMPERATURE OF WORK (FROM -10 USE RESISTANCE)	°C		-45 +80		
ROHS REQUIREMENTS				•	

• = standard equipment

K275A-M30 H900	COD	030361216	030361216E	030361256	030361256E
HEIGHT OF THE TUBE	mm			900	
SPEED OF ASCENT	sec			5 - 5,5	
SPEED OF DESCENT	sec			1 - 4	
TOTAL WEIGHT BOLLARD	Kg				

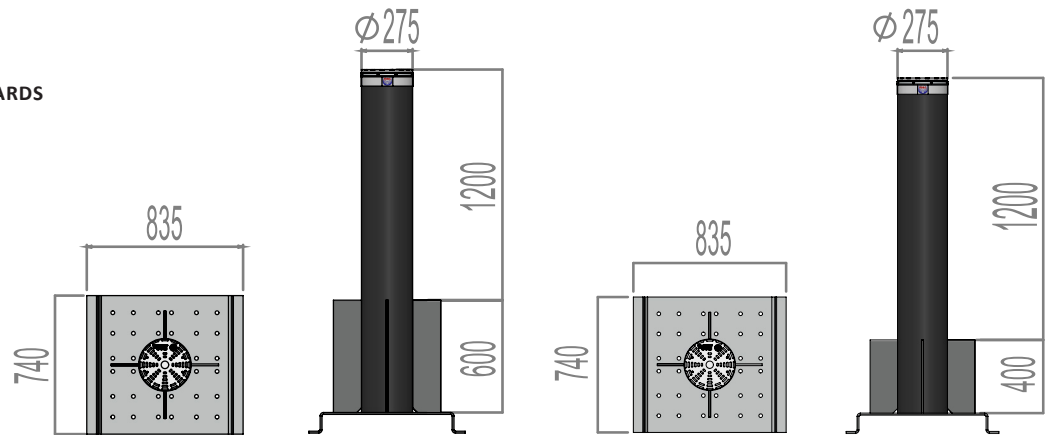
K275A-M30 H1000	COD	030361217	030361217E	030361257	030361257E
HEIGHT OF THE TUBE	mm			1000	
SPEED OF ASCENT	sec			4 - 6	
SPEED OF DESCENT	sec			1 - 4	
TOTAL WEIGHT BOLLARD	Kg				

K275A-M30 H1200	COD	030361218	030361218E	030361258	030361258E
HEIGHT OF THE TUBE	mm			1200	
SPEED OF ASCENT	sec			5 - 7	
SPEED OF DESCENT	sec			1 - 4	
TOTAL WEIGHT BOLLARD	Kg				

K275F

M30 AND M50 FIXED COMPLIANT BOLLARDS




- TUBE HOT DIP GALVANIZED



MODEL		K275F-M50	K275F-M40	K275F-M30
THICKNESS OF THE TUBE	mm	25	20	20
DIAMETER OF THE TUBE	mm		275	
MATERIAL OF THE TUBE			FE510	
FINISH OF THE TUBE			POWDER PAINT	
PROCESSING OF THE TUBE			HOT DIP GALVANIZATION	
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	2.000.000	1.200.000	700.000
IMPACT RESISTANCE	J	750.000	700.000	255.000
ROHS REQUIREMENTS			•	

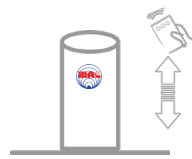
• = standard equipment

K275F - H1000	COD	034562517	034962017	034461217
BOLLARD TOTAL WEIGHT	Kg	330	315	298
K275F - H1200	COD	034562518	034962018	034461218
BOLLARD TOTAL WEIGHT	Kg	392	360	330

COD.	DESCRIPTION
5932271	ELECTRONIC CONTROL BOARD FOR 1 MOTOR THREE-PHASE + LIMIT SWITCH REPEATER
5932272	ELECTRONIC CONTROL BOARD FOR 2 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932273	ELECTRONIC CONTROL BOARD FOR 3 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932274	ELECTRONIC CONTROL BOARD FOR 4 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932275	ELECTRONIC CONTROL BOARD FOR 5 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932281	ELECTRONIC CONTROL BOARD FOR 1 MOTOR THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932282	ELECTRONIC CONTROL BOARD FOR 2 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932283	ELECTRONIC CONTROL BOARD FOR 3 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932284	ELECTRONIC CONTROL BOARD FOR 4 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932285	ELECTRONIC CONTROL BOARD FOR 5 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO
	
	030569767 TUBE COATING STAINLESS STEEL INOX316 FOR K275A-M50 H1000
	030569768 TUBE COATING STAINLESS STEEL INOX316 FOR K275A-M50 H1200

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AUTOMATIC BOLLARDS



J275A

J200A

C275A

C200A

C140A

C275P

C200P

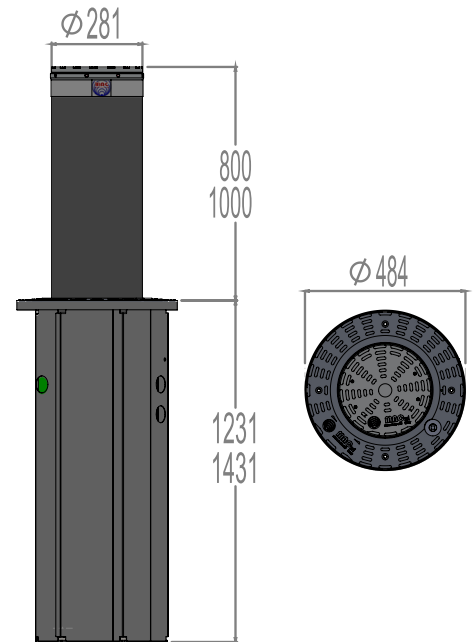
C140P

OPTIONAL

J275A

HYDRAULIC BOLLARD

- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- 400 mm BURIED TUBE
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		J275A FE	J275A INOX
THICKNESS OF THE TUBE	mm	12.5	12
DIAMETER OF THE TUBE	mm		275
MATERIAL OF THE TUBE		FE510	INOX 304
FINISH OF THE TUBE		POWDER PAINT	SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION	
REFLECTIVE STRIP			•
RESISTANCE TO BREAKAGE	J	760.000	770.000
RESISTANCE TO DEFORMATION	J	255.000	265.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000
MAXIMUM PRESSURE OF WORK	bar		30
CAPACITY OF THE PUMP	L		4 - 5
DEGREE OF PROTECTION OF THE PUMP	IP		67
POWER ABSORBED	W		500
POWER SUPPLY	Vac		230V 50HZ
POWER SUPPLY OF THE LED	Vdc		24
TEMPERATURE OF WORK	°C		-20 / + 80
ROHS REQUIREMENTS			•

• = standard equipment

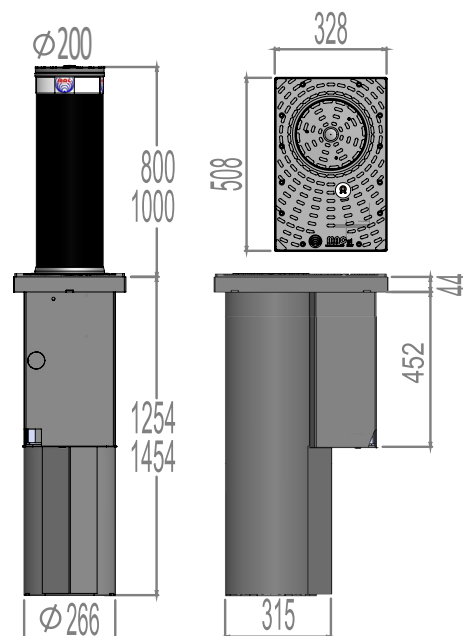
J275A H800		030961215	030961255
HEIGHT OF THE TUBE	mm		800
SPEED OF ASCENT	(4L) sec		8,4
SPEED OF DESCENT	(4L) sec		7,2
TOTAL WEIGHT BOLLARD	Kg		

J275A H1000		030961217	030961257
HEIGHT OF THE TUBE	mm		1000
SPEED OF ASCENT	(4L) sec		10,5
SPEED OF DESCENT	(4L) sec		9,4
TOTAL WEIGHT BOLLARD	Kg		

J200A

HYDRAULIC BOLLARD

- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- 400 mm BURIED TUBE
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL	J200A FE	
THICKNESS OF THE TUBE	mm	12.5
DIAMETER OF THE TUBE	mm	200
MATERIAL OF THE TUBE	FE510	
FINISH OF THE TUBE	POWDER PAINT	
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK	HOT DIP GALVANIZATION	
REFLECTIVE STRIP	•	
RESISTANCE TO BREAKAGE	J	380.000
RESISTANCE TO DEFORMATION	J	115.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg	40.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)	2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE	1.500.000	
MAXIMUM PRESSURE OF WORK	bar	30
CAPACITY OF THE PUMP	L	4 - 5
DEGREE OF PROTECTION OF THE PUMP	IP	67
POWER ABSORBED	W	500
POWER SUPPLY	Vac	230V 50HZ
POWER SUPPLY OF THE LED	Vdc	24
TEMPERATURE OF WORK	°C	-20 / + 80
ROHS REQUIREMENTS	•	

• = standard equipment

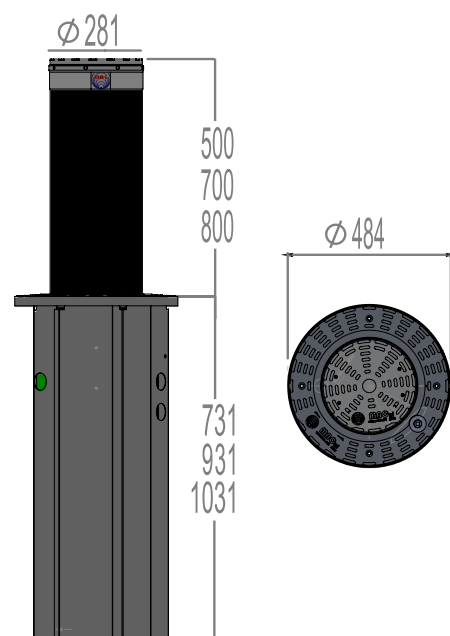
J200A H800		030951215
HEIGHT OF THE TUBE	mm	800
SPEED OF ASCENT	(4L-5L) sec	8,4 - 6,8
SPEED OF DESCENT	(4L-5L) sec	7,2 - 5,6
TOTAL WEIGHT BOLLARD	Kg	

J200A H1000		030951217
HEIGHT OF THE TUBE	mm	1000
SPEED OF ASCENT	(4L - 5L) sec	10,5 - 8,4
SPEED OF DESCENT	(4L - 5L) sec	9,4 - 7,3
TOTAL WEIGHT BOLLARD	Kg	

C275A

HYDRAULIC BOLLARD

- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		C275A FE	C275A FE	C275A INOX	C275A INOX
THICKNESS OF THE TUBE	mm	12.5	4	12	4
DIAMETER OF THE TUBE	mm	275			
MATERIAL OF THE TUBE		FE510	FE360	INOX 304	
FINISH OF THE TUBE		POWDER PAINT		SATIN	
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION			
REFLECTIVE STRIP		•			
RESISTANCE TO BREAKAGE	J	482.000	250.000	482.000	250.000
RESISTANCE TO DEFORMATION	J	50.000	30.000	50.000	30.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg	40.000			
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)		2.400			
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE		1.500.000			
MAXIMUM PRESSURE OF WORK	bar	30			
CAPACITY OF THE PUMP	L	4 - 5			
DEGREE OF PROTECTION OF THE PUMP	IP	67			
POWER ABSORBED	W	500			
POWER SUPPLY	Vac	230V 50HZ			
POWER SUPPLY OF THE LED	Vdc	24			
TEMPERATURE OF WORK	°C	-20 / + 80			
ROHS REQUIREMENTS		•			

• = standard equipment

C275A H500		030161212	030160402	030161252	030160452
HEIGHT OF THE TUBE	mm	500			
SPEED OF ASCENT	(4L - 5L) sec	5.4 - 4.2			
SPEED OF DESCENT	(4L - 5L) sec	4.2 - 3.7			
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec	3			
TOTAL WEIGHT BOLLARD	Kg	123	87	133	93

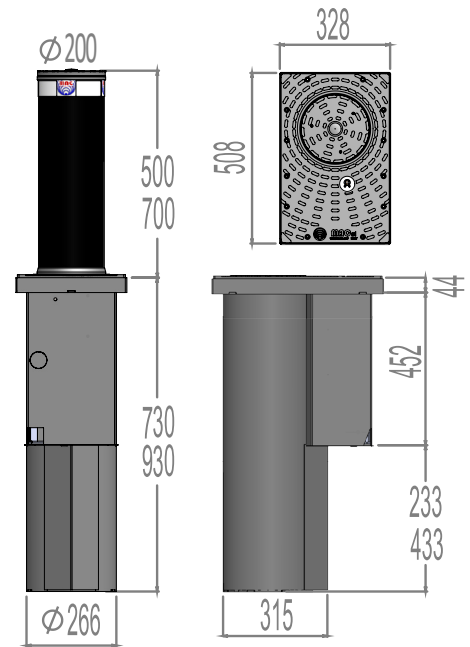
C275A H700		030161214	030160404	030161254	030160454
HEIGHT OF THE TUBE	mm	700			
SPEED OF ASCENT	(4L - 5L) sec	7.20 - 5.7			
SPEED OF DESCENT	(4L - 5L) sec	6 - 4.8			
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec	5			
TOTAL WEIGHT BOLLARD	Kg	160	104	170	108

C275A H800		030161215	030160405	030161255	030160455
HEIGHT OF THE TUBE	mm	800			
SPEED OF ASCENT	(4L - 5L) sec	8.5 - 6.6			
SPEED OF DESCENT	(4L - 5L) sec	7 - 5.3			
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec	4			
TOTAL WEIGHT BOLLARD	Kg	170	117	180	125

C200A

HYDRAULIC BOLLARD

- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		C200A FE	C200A FE	C200A INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		200	
MATERIAL OF THE TUBE		FE510	FE360	INOX304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
RESISTANCE TO BREAKAGE	J	242.000	111.000	180.000
RESISTANCE TO DEFORMATION	J	15.000	5.000	11.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000	
MAXIMUM PRESSURE OF WORK	bar		30	
CAPACITY OF THE PUMP	L		4 - 5	
DEGREE OF PROTECTION OF THE PUMP	IP		67	
POWER ABSORBED	W		500	
POWER SUPPLY	Vac		230V 50HZ	
POWER SUPPLY OF THE LED	Vdc		24	
TEMPERATURE OF WORK	°C		-20 / + 80	
ROHS REQUIREMENTS			•	

• = standard equipment

C200A H500		030151212	030150402	030150452
HEIGHT OF THE TUBE	mm		500	
SPEED OF ASCENT	(4L - 5L) sec		5.4 - 4.2	
SPEED OF DESCENT	(4L - 5L) sec		4.2 - 3.7	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		3	
TOTAL WEIGHT BOLLARD	Kg	98	68	74

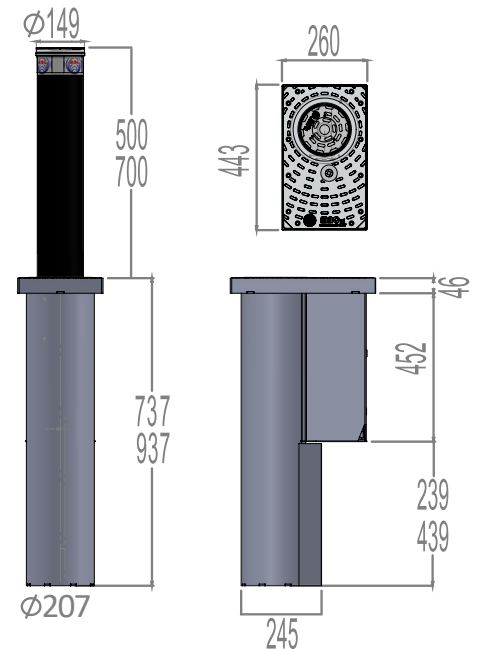
C200A H700		030151214	030150404	030150454
HEIGHT OF THE TUBE	mm		700	
SPEED OF ASCENT	(4L - 5L) sec		7.20 - 5.7	
SPEED OF DESCENT	(4L - 5L) sec		6 - 4.8	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		4	
TOTAL WEIGHT BOLLARD	Kg	117	74	80

C200A H800		030151215	030150405	030150455
HEIGHT OF THE TUBE	mm		800	
SPEED OF ASCENT	(4L - 5L) sec		8.5 - 6.6	
SPEED OF DESCENT	(4L - 5L) sec		7 - 5.3	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		4	
TOTAL WEIGHT BOLLARD	Kg	125	77	83

C140A

HYDRAULIC BOLLARD

- BUILT-IN HYDRAULIC UNIT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		C140A FE	C140A FE	C140A INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	112.000	56.000	70.000
IMPACT RESISTANCE	J	5.000	3.000	4.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000	
MAXIMUM PRESSURE OF WORK	bar		30	
CAPACITY OF THE PUMP	L		4 - 5	
DEGREE OF PROTECTION OF THE PUMP	IP		67	
POWER ABSORBED	W		500	
POWER SUPPLY	Vac		230V 50HZ	
POWER SUPPLY OF THE LED	Vdc		24	
TEMPERATURE OF WORK	°C		-20 / + 80	
ROHS REQUIREMENTS			•	

• = standard equipment

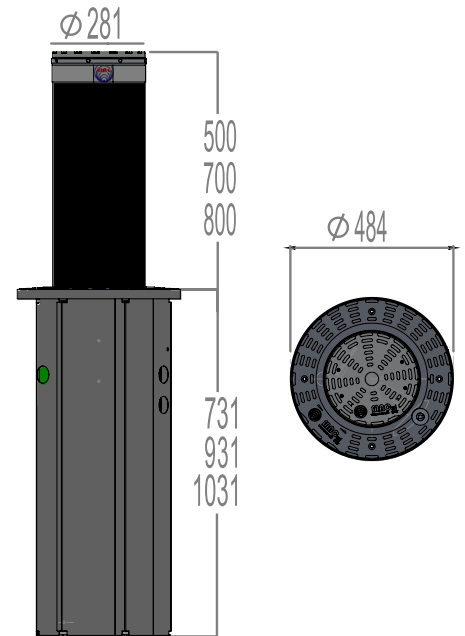
C140A H500		030141212	030140402	030140452
HEIGHT OF THE TUBE	mm		500	
SPEED OF ASCENT	(4L - 5L) sec		5.4 - 4.2	
SPEED OF DESCENT	(4L - 5L) sec		4.2 - 3.7	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		3	
TOTAL WEIGHT BOLLARD	Kg	75	51	56

C140A H700		030141214	030140404	030140454
HEIGHT OF THE TUBE	mm		700	
SPEED OF ASCENT	(4L - 5L) sec		7.20 - 5.7	
SPEED OF DESCENT	(4L - 5L) sec		6 - 4.8	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		4	
TOTAL WEIGHT BOLLARD	Kg	86	63	68

C275P

PNEUMATIC BOLLARD

- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		C275P FE	C275P FE	C275P INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		200	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
RESISTANCE TO BREAKAGE	J	482.000	225.000	250.000
RESISTANCE TO DEFORMATION	J	50.000	30.000	30.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000	
MAXIMUM PRESSURE OF WORK	bar		30	
POWER ABSORBED	W		500	
POWER SUPPLY	Vac		230V 50HZ	
POWER SUPPLY OF THE LED	Vdc		24	
TEMPERATURE OF WORK	°C		-20 / + 80	
ROHS REQUIREMENTS			•	

• = standard equipment

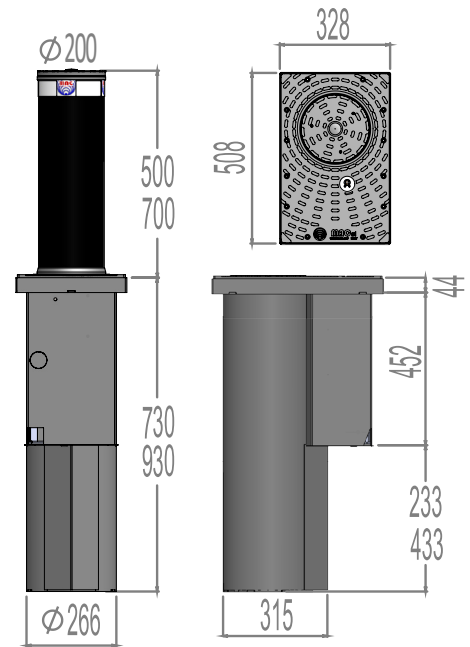
C275P H500		030261212	030260402	030260452
HEIGHT OF THE TUBE	mm		500	
SPEED OF ASCENT	sec		5	
SPEED OF DESCENT	sec		4	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		3	
TOTAL WEIGHT BOLLARD	Kg	123	87	93

C275P H700		030261214	030260404	030260454
HEIGHT OF THE TUBE	mm		700	
SPEED OF ASCENT	sec		5.20	
SPEED OF DESCENT	sec		4.5	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		4	
TOTAL WEIGHT BOLLARD	Kg	160	104	108

C200P

PNEUMATIC BOLLARD

- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



MODEL		C200P FE	C200P FE	C200P INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	242.000	111.000	180.000
IMPACT RESISTANCE	J	15.000	3.000	11.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000	
MAXIMUM PRESSURE OF WORK	bar		30	
POWER ABSORBED	W		500	
POWER SUPPLY	Vac		230V 50HZ	
POWER SUPPLY OF THE LED	Vdc		24	
TEMPERATURE OF WORK	°C		-20 / + 80	
ROHS REQUIREMENTS			•	

• = standard equipment

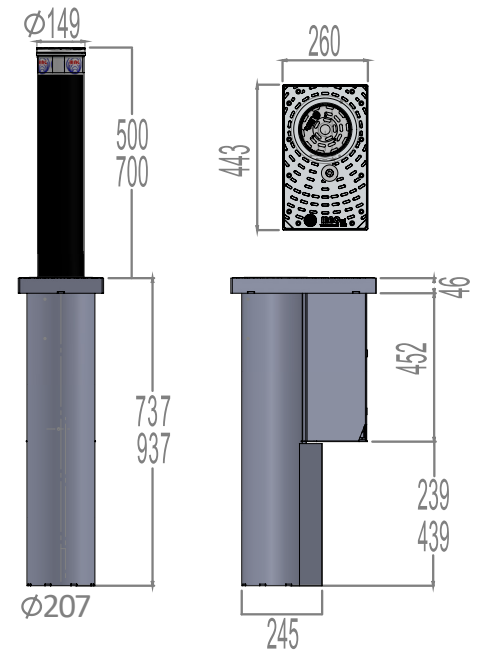
C200P H500		030251212	030250402	030250452
HEIGHT OF THE TUBE	mm		500	
SPEED OF ASCENT	sec		3.90	
SPEED OF DESCENT	sec		3.5	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		3	
TOTAL WEIGHT BOLLARD	Kg	98	68	74

C200P H700		030251214	030250404	030250454
HEIGHT OF THE TUBE	mm		700	
SPEED OF ASCENT	sec		5.20	
SPEED OF DESCENT	sec		4.5	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		4	
TOTAL WEIGHT BOLLARD	Kg	117	74	80

C140P

PNEUMATIC BOLLARD

- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- LED INCLUDED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION





MODEL		C140P FE	C140P FE	C140P INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		200	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
RESISTANCE TO BREAKAGE	J	112000	56.000	70.000
RESISTANCE TO DEFORMATION	J	5.000	3.000	4.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000	
MAXIMUM PRESSURE OF WORK	bar		30	
POWER ABSORBED	W		500	
POWER SUPPLY	Vac		230V 50HZ	
POWER SUPPLY OF THE LED	Vdc		24	
TEMPERATURE OF WORK	°C		-20 / + 80	
ROHS REQUIREMENTS			•	




• = standard equipment

C140P H500		030241212	030240402	030240452
HEIGHT OF THE TUBE	mm		500	
SPEED OF ASCENT	sec		3.90	
SPEED OF DESCENT	sec		3.5	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		3	
TOTAL WEIGHT BOLLARD	Kg	73	49	55




C140P H700		030241214	030240404	030240454
HEIGHT OF THE TUBE	mm		700	
SPEED OF ASCENT	sec		5.20	
SPEED OF DESCENT	sec		4.5	
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		4	
TOTAL WEIGHT BOLLARD	Kg	92	68	74

COD.	DESCRIPTION
 5050008500	BRAIN4 ELECTRONIC CONTROL BOARD FOR CONTROLLING 4 BRAIN4 WITH RS232 RADIO RIC. INCORP. + JUNCTION BOX IP56
5050008602	BRAIN4 ELECTRONIC CONTROL BOARD FOR CONTROLLING 4 AUTOMATIC BOLLARDS - RADIO RIC. INCORP. + JUNCTION BOX IP56
 5050008615	BRAIN1 ELECTRONIC CONTROL BOARD FOR CONTROLLING 1 AUTOMATIC BOLLARD - RADIO RIC. INCORP. + JUNCTION BOX IP56

C275

 50651338009	EXTRA CHARGE FOR SENSITIVE C275 (TO BE REQUESTED AT THE TIME OF THE ORDER)
 5050300009	FORMWORK CAP C275
 5050300301	TUBE COATING STAINLESS STEEL INOX304 FOR C275


C200

 50651336009	EXTRA CHARGE FOR SENSITIVE HEAD C200 (TO BE REQUESTED AT THE TIME OF THE ORDER)
 5050210000	FORMWORK CAP C200
 5050210301	TUBE COATING STAINLESS STEEL INOX304 C200

C140

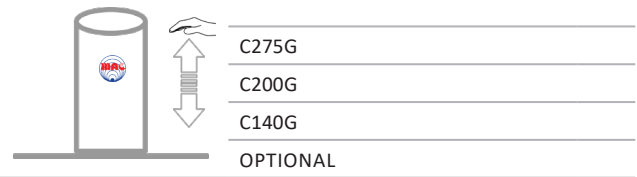
 50651335009	EXTRA CHARGE FOR SENSITIVE HEAD C140 (TO BE REQUESTED AT THE TIME OF THE ORDER)
 5050220000	FORMWORK CAP C140

P

 5050009010	STEEL CABINET 100X50X120 CM EQUIPPED WITH COMPRESSOR AND BRAIN 4 – 2800 RPM
5050009011	STEEL CABINET 100X50X120 CM EQUIPPED WITH COMPRESSOR AND BRAIN 4 – 1070 RPM

ACCESSORIES AT PAGE 83 - 86

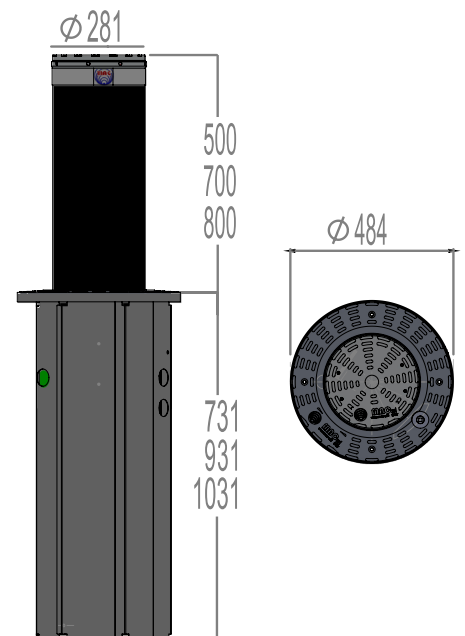
SEMI-AUTOMATIC BOLLARDS



C275G

MANUAL LOWERING BOLLARD WITH SERVO CLOSING, FORMWORK AND LOCK

- GAS SPRING MOVEMENT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- CUSTOM CONFIGURATION



MODEL		C275G FE	C275G FE	C275G INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		275	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	482.000	250.000	265.000
IMPACT RESISTANCE	J	50.000	30.000	35.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
POWER SUPPLY OF THE LED	Vcc		24	
ROHS REQUIREMENTS			•	

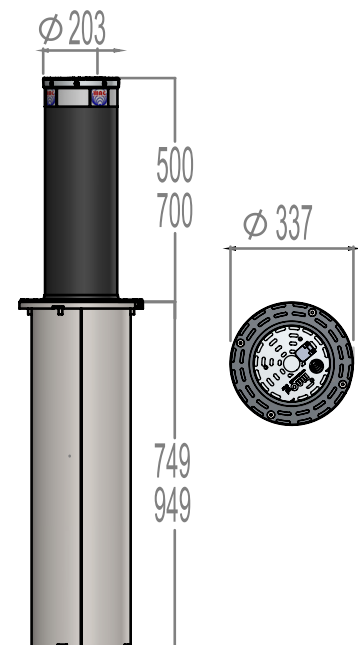
• = standard equipment

C275G H500	COD	033161212	033160402	033160452
BOLLARD TOTAL WEIGHT	Kg	100	72	78
C275G H700	COD	033161214	033160404	033160454
BOLLARD TOTAL WEIGHT	Kg	140	94	100
C275G H800	COD	033161215	033160405	033160455
BOLLARD TOTAL WEIGHT	Kg	160	106	112

C200G

MANUAL LOWERING BOLLARD WITH SERVO CLOSING, FORMWORK AND LOCK

- GAS SPRING MOVEMENT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- CUSTOM CONFIGURATION



MODEL		C200G FE	C200G FE	C200G INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm	203	203	203
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	242.000	111.000	122.000
IMPACT RESISTANCE	J	15.000	5.000	5.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
POWER SUPPLY LED	Vcc		24	
ROHS REQUIREMENTS			•	

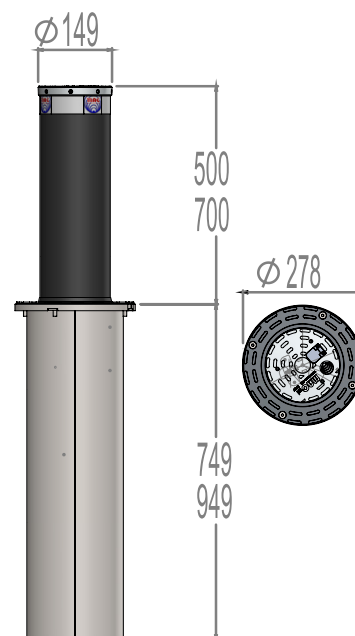
• = standard equipment

C200G H500	COD	033151212	033150402	033150452
BOLLARD TOTAL WEIGHT	Kg	90	43	48
C200G H700	COD	033151214	033150404	033150454
BOLLARD TOTAL WEIGHT	Kg	110	51	56

C140G

MANUAL LOWERING BOLLARD WITH SERVO CLOSING, FORMWORK AND LOCK





- GAS SPRING MOVEMENT
- HOT DIP GALVANIZATION OF EXTRACTABLE STRUCTURE AND FORMWORK
- CUSTOM CONFIGURATION



MODEL		C140G FE	C140G FE	C140G INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	112.000	56.000	63.000
IMPACT RESISTANCE	J	5.000	3.000	3.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
POWER SUPPLY OF THE LED	Vcc		24	
ROHS REQUIREMENTS			•	

• = standard equipment

C140G H500	COD	033141212	033140402	033140452
BOLLARD TOTAL WEIGHT	Kg	70	31	37
C140G H700	COD	033141214	033140404	033140454
BOLLARD TOTAL WEIGHT	Kg	81	39	44

COD.	DESCRIPTION
 5050000670	POWER SUPPLY 220 VAC OUT 24 VCC 300 MA FOR LED
 5050000662	KIT 8 RESINATED LED RED LIGHT 20MA
 5050001810	FIREFIGHTER TRIANGULAR LOCK 11M
 5050001815	KEY FOR TRIANGULAR FIREFIGHTER LOCK 11M
 6910000990875	PIN LOCK WITH 3 KEYS

MANUAL BOLLARDS



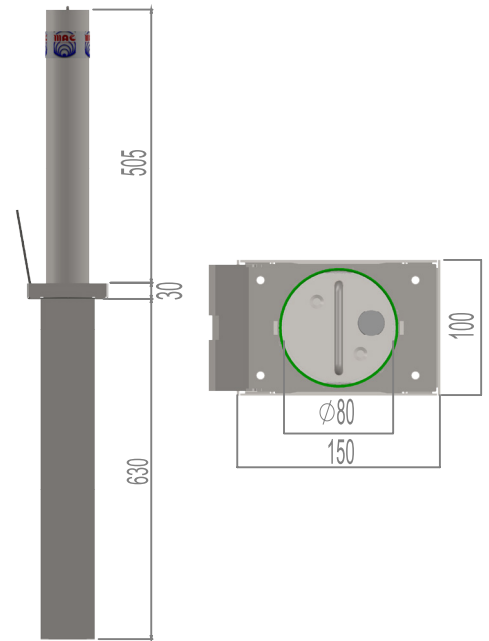
C80M

OPTIONAL

C80M

MANUAL BOLLARD

- MIN. 10 PIECES
- LOCK
- CUSTOM CONFIGURATION

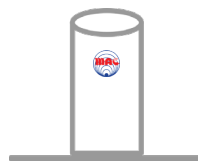


MODEL	C80M INOX	
THICKNESS OF THE TUBE	mm	2,5
DIAMETER OF THE TUBE	mm	80
MATERIAL OF THE TUBE	INOX 304	
FINISH OF THE TUBE	SATIN	
REFLECTIVE STRIP	•	
BREAKOUT RESISTANCE	J	20.000
IMPACT RESISTANCE	J	2.500
ROHS REQUIREMENTS	•	

• = standard equipment

C80M H500	COD	033920252
BOLLARD TOTAL WEIGHT	Kg	10
MIN. 10 PIECES		

FIXED BOLLARDS



C275F

C200F

C140F

C275F-E

C200F-E

C140F-E

C275F-I

C200F-I

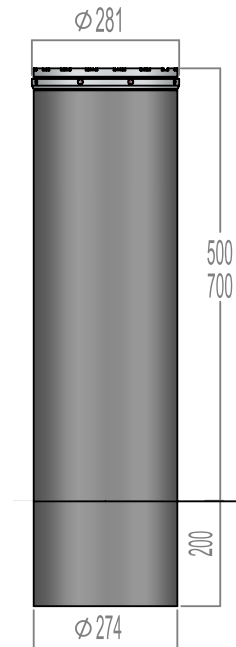
C140F-I

OPTIONAL

C275F

FIXED BOLLARD BY BRICKWORK

- CUSTOM CONFIGURATION



MODEL		C275F FE	C275F FE	C275F INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		275	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE			POWDER PAINT	SATIN
PROCESSING OF THE TUBE			HOT DIP GALVANIZATION	
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	482.000	225.000	250.000
IMPACT RESISTANCE	J	40.000	20.000	25.000
ROHS REQUIREMENTS			•	

• = standard equipment

C275F H500	COD	034861212	034860402	034860452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	28	19	23

C275F H500	COD	034361212	034360402	034360452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	61	22	26

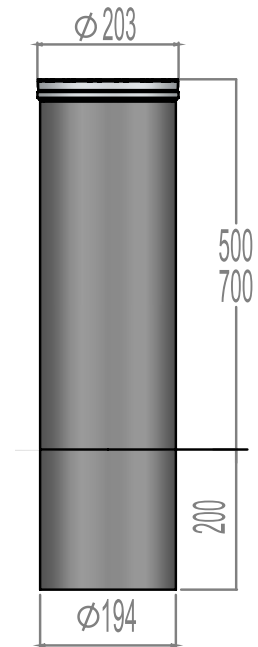
C275F H700	COD	034861214	034860404	034860454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	75	26	31

C275F H700	COD	034361214	034360404	034360454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	78	29	34

C200F

FIXED BOLLARD BY BRICKWORK

- CUSTOM CONFIGURATION



MODEL		C200F FE	C200F FE	C200F INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		200	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	169.000	72.000	150.000
IMPACT RESISTANCE	J	15.000	5.000	9.000
ROHS REQUIREMENTS			•	

• = standard equipment

C200F H500	COD	034851212	034850402	034850452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	32	11	16

C200F H500	COD	034351212	034350402	034350452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	35	14	19

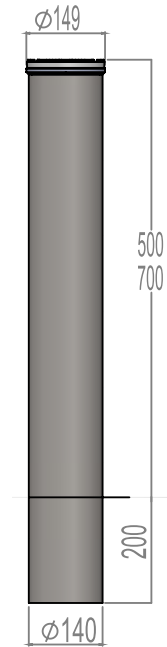
C200F H700	COD	034851214	034850404	034850454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	48	16	21

C200F H700	COD	034351214	034350404	034350454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	51	19	24

C140F

FIXED BOLLARD BY BRICKWORK

- CUSTOM CONFIGURATION



MODEL		C140F FE	C140F FE	C140F INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	112.000	56.000	79.000
IMPACT RESISTANCE	J	5.000	3.000	3.000
ROHS REQUIREMENTS			•	

• = standard equipment

C140F H500	COD	034841212	034840402	034840452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	23	5	10

C140F H500	COD	034341212	034340402	034340452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	26	8	13

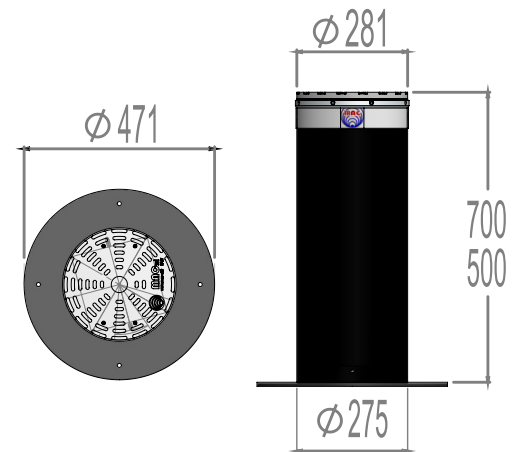
C140F H700	COD	034841214	034840404	034840454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	35	10	15

C140F H700	COD	034341214	034340404	034340454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	38	13	18

C275F-E

FIXED BOLLARD BY EXTERNAL FLANGE

- CUSTOM CONFIGURATION



MODEL		C275F-E FE	C275F-E FE	C275F-E INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		200	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	386.000	180.000	200.000
IMPACT RESISTANCE	J	20.000	9.000	9.000
ROHS REQUIREMENTS			•	

• = standard equipment

C275F-E H500	COD	034761212	034760402	034760452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	58	19	23

C275F-E H500	COD	034261212	034260402	034260452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	61	22	26

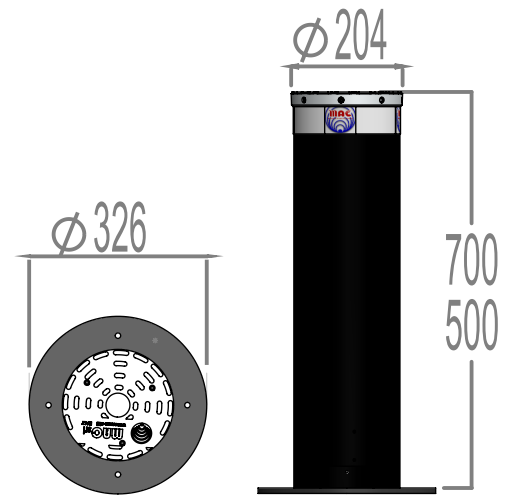
C275F-E H700	COD	034761214	034760404	034760454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	77	28	33

C275F-E H700	COD	034261214	034260404	034260454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	80	31	36

C200F-E

FIXED BOLLARD BY EXTERNAL FLANGE

- CUSTOM CONFIGURATION



MODEL		C200F-E FE	C200F-E FE	C200F-E INOX
THICKNESS OF THE TUBE		12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	194.000	89.000	93.000
IMPACT RESISTANCE	J	12.000	4.000	7.000
ROHS REQUIREMENTS			•	

• = standard equipment

C200F-E H500	COD	034751212	034750402	034750452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	32	11	16

C200F-E H500	COD	034251212	034250402	034250452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	35	14	19

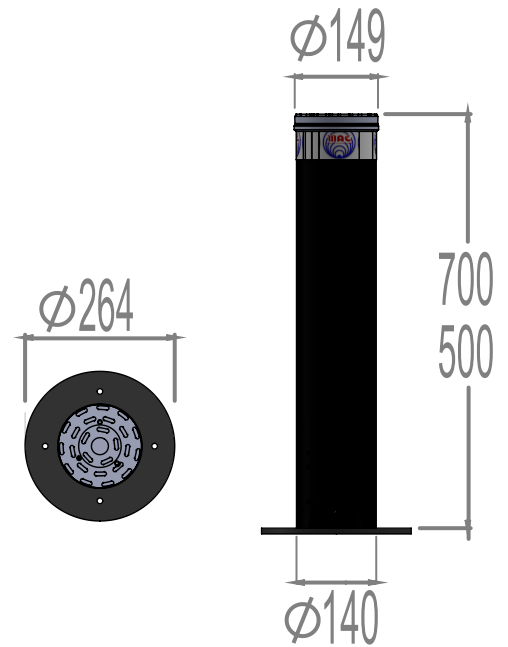
C200F-E H700	COD	034751214	034750404	034750454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	48	17	22

C200F-E H700	COD	034251214	034250404	034250454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	51	20	25

C140F-E

FIXED BOLLARD BY EXTERNAL FLANGE

▫ CUSTOM CONFIGURATION



MODEL		C140F-E FE	C140F-E FE	C140F-E INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		200	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	90.000	45.000	79.000
IMPACT RESISTANCE	J	4.000	2.000	3.000
ROHS REQUIREMENTS			•	

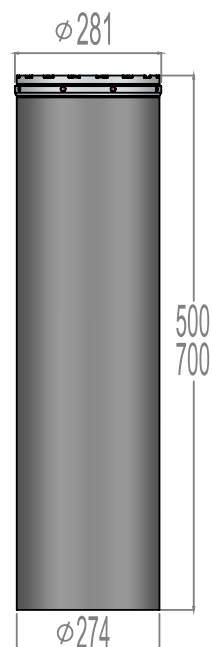
• = standard equipment

C140F-E H500	COD	034741212	034740402	034740452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	23	5	10
C140F-E H500	COD	034241212	034240402	034240452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	26	8	13
C140F-E H700	COD	034741214	034740404	034740454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	32	11	16
C140F-E H700	COD	034241214	034240404	034240454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	35	14	19

C275F-I

FIXED BOLLARD BY INTERNAL FLANGE

▫ CUSTOM CONFIGURATION



MODEL		C275F-I FE	C275F-I FE	C275F-I INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	337.000	157.000	175.000
IMPACT RESISTANCE	J	18.000	8.000	8.000
ROHS REQUIREMENTS			•	

• = standard equipment

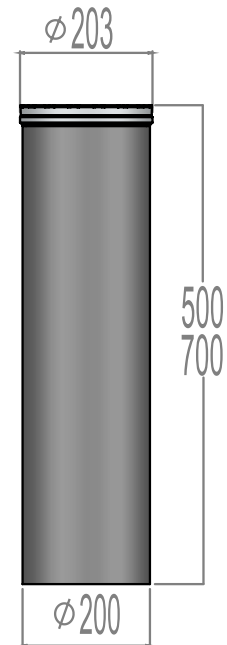
C275F-I H500	COD	034661212	034660402	034660452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	58	19	24

C275F-I H500	COD	034161212	034160402	034160452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	61	22	27

C275F-I H700	COD	034661214	034660404	034660454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	75	26	30

C275F-I H700	COD	034161214	034160404	034160454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	78	29	34

C200F-I



FIXED BOLLARD BY INTERNAL FLANGE

- CUSTOM CONFIGURATION

MODEL		C200F-I FE	C200F-I FE	C200F-I INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		200	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	169.000	72.000	150.000
IMPACT RESISTANCE	J	10.000	3.000	9.000
ROHS REQUIREMENTS			•	

• = standard equipment

C200F-I H500	COD	034651212	034650402	034650452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	32	11	17

C200F-I H500	COD	034151212	034150402	034150452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	35	14	20

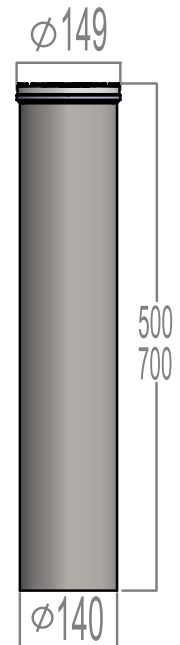
C200F-I H700	COD	034651214	034650404	034650454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	51	19	25

C200F-I H700	COD	034151214	034150404	034150454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	54	22	28

C140F-I

FIXED BOLLARD BY INTERNAL FLANGE

- CUSTOM CONFIGURATION



MODEL		C140F-I FE	C140F-I FE	C140F-I INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	79.000	39.000	79.000
IMPACT RESISTANCE	J	4.000	2.000	3.000
ROHS REQUIREMENTS			•	



• = standard equipment

C140F-I H500	COD	034641212	034640402	034640452
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	23	5	10




C140F-I H500	COD	034141212	034140402	034140452
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	26	8	13

C140F-I H700	COD	034641214	034640404	034640454
BOLLARD TOTAL WEIGHT (FLAT HEAD)	Kg	32	9	14






C140F-I H700	COD	034141214	034140404	034140454
BOLLARD TOTAL WEIGHT (ALUMINIUM HEAD)	Kg	35	12	17

COD.	DESCRIPTION
 5050000203	KIT 4 BRACKETS HOT DIP GALVANIZED
 5050000670	POWER SUPPLY 220 VAC OUT 24 VCC 300 MA FOR LED
 5050000662	KIT 8 RESINATED LED RED LIGHT 20MA





C275F-E

 5050110004	C275F-E FORMWORK
 5050110005	C275F-E FORMWORK – FLANGE AND PLATFORM AT GROUND LEVEL
 5050110451	C275F-E ALUMINIUM PLATFORM

C200F-E

 5050100004	C200F-E FORMWORK
 5050100006	C200F-E FORMWORK FOR ROUND PLATFORM
 5050100007	C200F-E FORMWORK FOR RECTANGULAR PLATFORM
 5050060451	C200F-E ROUND PLATFORM
 5050210453	C200F-E RECTANGULAR PLATFORM

C140F-E

 5050090004	C140F-E FORMWORK
 5050090006	C140F-E FORMWORK FOR ROUND PLATFORM
 5050090007	C140F-E FORMWORK FOR RECTANGULAR PLATFORM
 5050050451	C140F-E ROUND PLATFORM

COD.

DESCRIPTION

C275F-I



5050110002

FORMWORK C275F-I

C200F-I



5050100003

FORMWORK C200F-I

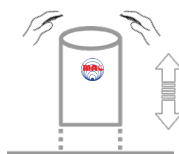
C140F-I



5050090003

FORMWORK C140F-I

REMOVABLE BOLLARDS



C275R

C200R

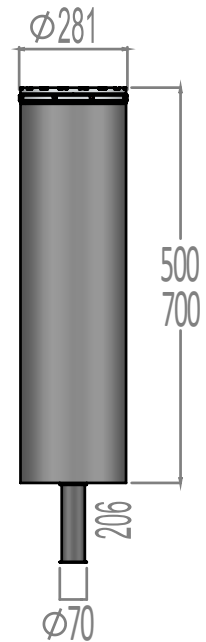
C140R

OPTIONAL

C275R

REMOVABLE BOLLARD FIXED BY FORMWORK

- MAC LOCK AND KEY INCLUDED
- ALUMINIUM HEAD
- CUSTOM CONFIGURATION



MODEL		C275R FE	C275R FE	C275R INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	337.000	157.000	175.000
IMPACT RESISTANCE	J	18.000	8.000	8.000

• = standard equipment

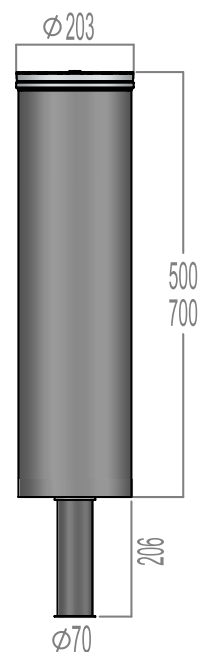
C275R H500	COD	032361212	032360402	032360452
BOLLARD TOTAL WEIGHT	Kg	61	22	26

C275R H700	COD	032361214	032360404	032360454
BOLLARD TOTAL WEIGHT	Kg	78	29	34

C200R

REMOVABLE BOLLARD FIXED BY FORMWORK

- MAC LOCK AND KEY INCLUDED
- ALUMINIUM HEAD
- CUSTOM CONFIGURATION



MODEL		C200R FE	C200R FE	C200R INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	169.000	72.000	150.000
IMPACT RESISTANCE	J	10.000	3.000	9.000

• = standard equipment

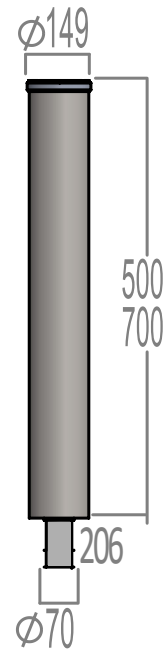
C200R H500	COD	032351212	032350402	032350452
BOLLARD TOTAL WEIGHT	Kg	35	14	19

C200R H700	COD	032351214	032350404	032350454
BOLLARD TOTAL WEIGHT	Kg	51	19	24

C140R

REMOVABLE BOLLARD FIXED BY FORMWORK

- MAC LOCK AND KEY INCLUDED
- ALUMINIUM HEAD
- CUSTOM CONFIGURATION





MODEL		C140R FE	C140R FE	C140R INOX
THICKNESS OF THE TUBE	mm	12.5	4	4
DIAMETER OF THE TUBE	mm		140	
MATERIAL OF THE TUBE		FE510	FE360	INOX 304
FINISH OF THE TUBE		POWDER PAINT		SATIN
PROCESSING OF THE TUBE		HOT DIP GALVANIZATION		
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	79.000	39.000	79.000
IMPACT RESISTANCE	J	4.000	2.000	3.000

• = standard equipment

C140R H500	COD	032341212	032340402	032340452
BOLLARD TOTAL WEIGHT	Kg	26	8	13

C140R H700	COD	032341214	032340404	032340454
BOLLARD TOTAL WEIGHT	Kg	35	10	15

COD.	DESCRIPTION
	5050001811 FIREFIGHTER TRIANGULAR LOCK 11M - C275R – C200R – C140R
	5050001815 KEY FOR TRIANGULAR FIREFIGHTER LOCK 11M

ROAD BLOCKER



TITANO

CRONO

MRB300

MRB600

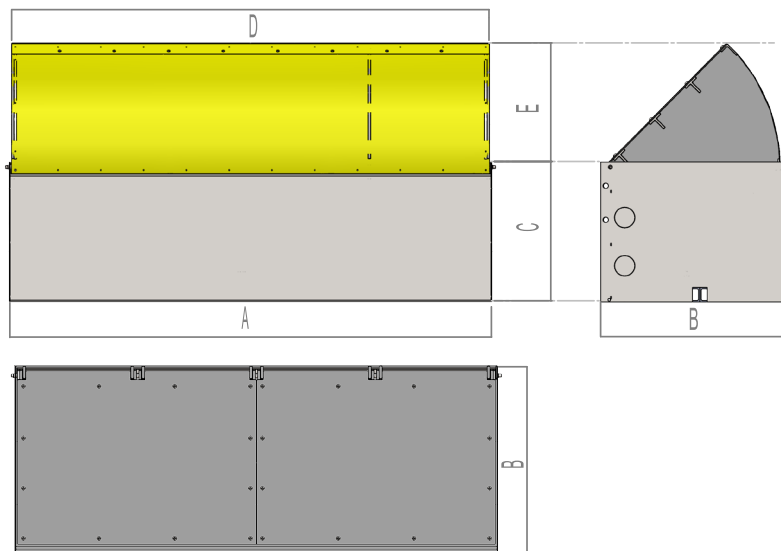
OPTIONAL

TITANO

HYDRAULIC ROAD BLOCKER

- FORMWORK
- HYDRAULIC CYLINDER
- LED
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION

A	B	C	D	E
L +15	844	580	L -23	350
L +15	844	580	L - 23	500
L + 26	1176	815	L - 36	700
L + 26	1650	1200	L - 36	1000



MODEL	TITANO 350	TITANO 500	TITANO 700	TITANO 1000	
MATERIAL MOVING PLATE	FE 360				
FINISH MOVING PLATE	POWDER PAINT				
PROCESSING MOVING PLATE, FORMWORK AND EXT. STRUCTURE	HOT DIP GALVANIZATION				
REFLECTIVE STRIP	•				
BREAKOUT RESISTANCE	J	800.000	1.000.000	1.800.000	2.200.000
IMPACT RESISTANCE	J	10.000			
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg	40.000			
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)	2.400				
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE	1.500.000				
MAXIMUM PRESSURE OF WORK	bar	30	40 - 80		
BUILT-IN HYDRAULIC PUMP	•		OPTIONAL		
DEGREE OF PROTECTION OF THE PUMP	IP	67	55		
POWER ABSORBED	W	500	1100 - 3000		
POWER SUPPLY	Vac	230V 50 HZ	380V 50 HZ		
POWER SUPPLY OF THE LED	Vdc	24			
TEMPERATURE OF WORK	°C	-20 / + 80			
ROHS REQUIREMENTS	•				

• = standard equipment

	TITANO 350	TITANO 500	TITANO 700	TITANO 1000
HEIGHT OF THE ROAD BLOCKER (E)	350	500	700	1000
SPEED OF ASCENT	3		10	
SPEED OF DESCENT	2		7	
SPEED DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	2		7	

LENGTH (D)

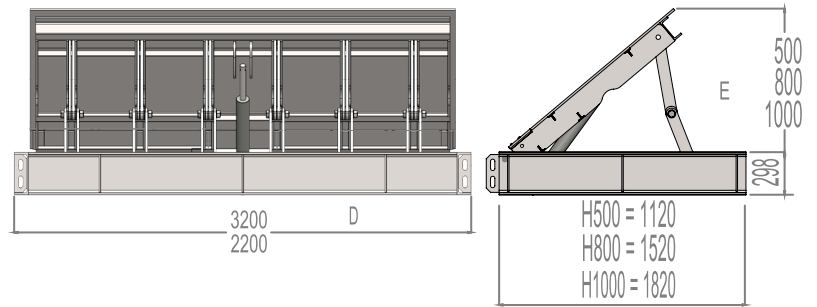
1000mm	0351101110	0351201110		
2000mm	0351101120	0351201120	0352401120	0352701120
3000mm	0351101130	0351201130	0352401130	0352701130
4000mm	0351101140	0351201140	0352401140	0352701140
5000mm	0351101150	0351201150	0352401150	0352701150
6000mm	0351101160	0351201160	0352401160	0352701160

CRONO

HYDRAULIC ROAD BLOCKER

- HYDRAULIC CYLINDER
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION

MODULAR PRODUCT



MODEL		CRONO 500	CRONO 800	CRONO 1000
MATERIAL MOVING PLATE			Fe360	
FINISH MOVING PLATE			POWDER PAINT	
PROCESSING MOVING PLATE, FOMRWORK AND EXT. STRUCTURE			HOT DIP GALVANIZATION	
REFLECTIVE STRIP			•	
BREAKOUT RESISTANCE	J	800.000	1.800.000	2.000.000
IMPACT RESISTANCE	J		10.000	
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	Kg		40.000	
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000	
MAXIMUM PRESSURE OF WORK	bar	30		40 - 80
HYDRAULIC PUMP			OPTIONAL	
DEGREE OF PROTECTION OF THE PUMP	IP	67		55
POWER ABSORBED	W	500		1100 - 3000
POWER SUPPLY	Vac	230V 50 HZ		380V 50 HZ
POWER SUPPLY OF THE LED	Vdc		24	
TEMPERATURE OF WORK	°C		-20 / + 80	
ROHS REQUIREMENTS			•	

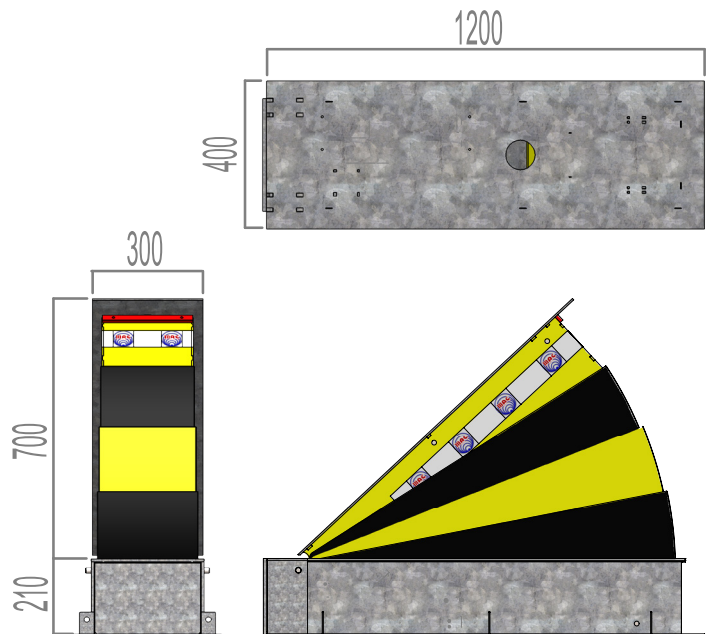
• = standard equipment

		CRONO 500	CRONO 800	CRONO 1000
HEIGHT OF THE ROAD BLOCKER	(E)	500	800	1000
SPEED OF ASCENT			5	
SPEED OF DESCENT			4	
SPEED DESCENT IN EMERGENCY	(WITH ELECTRIC VALVE)		4	
LENGTH (D)				
2000mm		0352204120	0352504120	0352704120
3000mm		0352204130	0352504130	0352704130

MRB300

HYDRAULIC MINI ROAD BLOCKER

- FORMWORK
- LED
- BUILT-IN HYDRAULIC PUMP
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



OUT OF PRODUCTION
LAST ITEMS
IN STOCK

MODEL		MRB 700 SP5	MRB 700 SP10
MATERIAL MOVING PART			FE510
FINISH MOVING PART			POWDER PAINT
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK			HOT DIP GALVANIZATION
REFLECTIVE STRIP			H 60
RESISTANCE TO BREAKAGE	J	200.000	480.000
RESISTANCE TO DEFORMATION	J	2.000	5.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	kg	15.000	40.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)			2.400
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE			1.500.000
MAXIMUM PRESSURE OF WORK	bar		40
BUILT-IN HYDRAULIC PUMP			•
DEGREE OF PROTECTION OF THE PUMP	IP		65
POWER ABSORBED	W		500
POWER SUPPLY	Vac		220V 50 HZ
POWER SUPPLY OF THE LED	Vcc		24
TEMPERATURE OF WORK	°C		-20 / +80
ROHS REQUIREMENTS			•

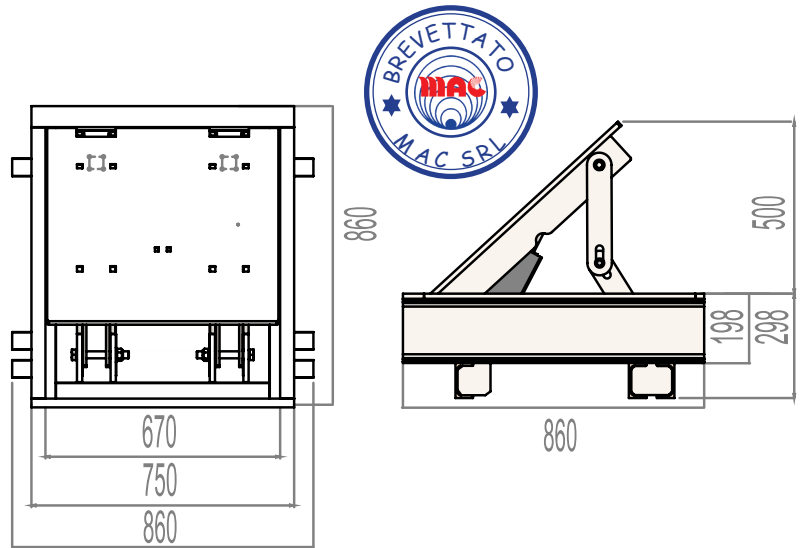
• = standard equipment

COD.		0351402103	0351402203
HEIGHT OF THE ROAD BLOCKER	mm		700
SPEED OF ASCENT	sec		4.8
SPEED OF DESCENT	sec		4.4
SPEED OF DESCENT IN EMERGENCY (WITH ELECTRIC VALVE)	sec		5
TOTAL WEIGHT BOLLARD	kg	105	130

MRB600

HYDRAULIC MINI ROAD BLOCKER

- HYDRAULIC PISTON
- ELECTRONIC CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION



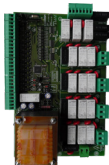
MODEL	MRBA600	
MATERIAL MOVING PART	FE510	
FINISH MOVING PART	POWDER PAINT	
PROCESSING OF THE TUBE, EXTR. STRUCTURE AND FORMWORK	HOT DIP GALVANIZATION	
RESISTANCE TO BREAKAGE	J	1.200.000
RESISTANCE TO DEFORMATION	J	250.000
STATIC RESISTANCE BOLLARD OPEN (CERTIFIED)	kg	15.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)	2.400	
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE	1.500.000	
MAXIMUM PRESSURE OF WORK	bar	40
BUILT-IN HYDRAULIC PUMP	OPTIONAL	
DEGREE OF PROTECTION OF THE PUMP	IP	65
POWER ABSORBED	W	500
POWER SUPPLY	Vac	220V 50 HZ
TEMPERATURE OF WORK	°C	-20 / +80

ROHS REQUIREMENTS

• = standard equipment

COD.	0351202206	
HEIGHT OF THE ROAD BLOCKER	mm	150
SPEED OF ASCENT	sec	2.5
SPEED OF DESCENT	sec	1.5
TOTAL WEIGHT BOLLARD	kg	286

COD.	DESCRIPTION
5050008500	BRAIN4 ELECTRONIC CONTROL BOARD FOR CONTROLLING 4 BRAIN4 WITH RS232 RADIO RIC. INCORP. + JUNCTION BOX IP56
5050008602	BRAIN4 ELECTRONIC CONTROL BOARD FOR CONTROLLING 4 AUTOMATIC BOLLARDS - RADIO RIC. INCORP. + JUNCTION BOX IP56
5050008608	BRAIN4 CONTROL BOARD FOR CONTROLLING 1 ROAD BLOCKER THREE-PHASE + JUNCTION BOX IP56
5050008608-2	BRAIN4 CONTROL BOARD FOR CONTROLLING 2 ROAD BLOCKER THREE-PHASE + JUNCTION BOX IP56
5050008608-3	BRAIN4 CONTROL BOARD FOR CONTROLLING 3 ROAD BLOCKER THREE-PHASE + JUNCTION BOX IP56
5050008608-4	BRAIN4 CONTROL BOARD FOR CONTROLLING 4 ROAD BLOCKER THREE-PHASE + JUNCTION BOX IP56
5932271	ELECTRONIC CONTROL BOARD FOR 1 MOTOR THREE-PHASE + LIMIT SWITCH REPEATER
5932272	ELECTRONIC CONTROL BOARD FOR 2 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932273	ELECTRONIC CONTROL BOARD FOR 3 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932274	ELECTRONIC CONTROL BOARD FOR 4 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932275	ELECTRONIC CONTROL BOARD FOR 5 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER
5932281	ELECTRONIC CONTROL BOARD FOR 1 MOTOR THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932282	ELECTRONIC CONTROL BOARD FOR 2 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932283	ELECTRONIC CONTROL BOARD FOR 3 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932284	ELECTRONIC CONTROL BOARD FOR 4 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO
5932285	ELECTRONIC CONTROL BOARD FOR 5 MOTORS THREE-PHASE + LIMIT SWITCH REPEATER + EFO



TITANO + CRONO

0255607214900	BUILT-IN HYDRAULIC PUMP FOR TITANO (7+7L)
5935240384035	CABINET 1200X1000X400 WITH HYDRAULIC PUMP + BRAIN4 + UNLOCK + COIL
035106000	MANUAL PUMP IN ABSENCE OF TENSION (+COD. 5935240384035)
035128000	EFO (EMERGENCY FAST OPERATION) H500 (+COD. 5935240384035)
035148000	EFO (EMERGENCY FAST OPERATION) H 700 / 800 (+COD. 5935240384035)
035178000	EFO (EMERGENCY FAST OPERATION) H1000 (+COD. 5935240384035)



COD.

DESCRIPTION

CRONO

0351270101 CRONO FRONT PLATES PAINTED H500 – PRICE FOR LM



0351570101 CRONO FRONT PLATES PAINTED H800 – PRICE FOR LM

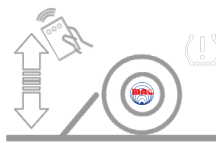
0351770101 CRONO FRONT PLATES PAINTED H1000 - PRICE FOR LM



5050000642 LED N. 2 PIECES FOR CRONO

ACCESSORIES AT PAGE 83 - 86

TYRE KILLER



TK45A-I

TK10A-I

TK10A-E

TK10SA-I

TK10SA-E

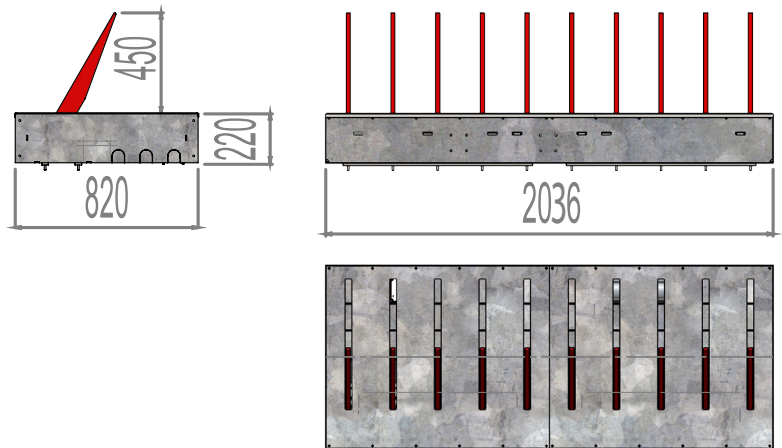
OPTIONAL

TK45A-I

BUILT-IN HYDRAULIC TYRE KILLER

- 450 MM SPURS
- HYDRAULIC PUMP
- HYDRAULIC CYLINDER
- CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION

MODULAR PRODUCT



MODEL		TK45A-I
MATERIAL AND FINISH OF THE SPURS		FE360
PROCESSING FORMWORK, EXTR. STRUCTURE AND PLATE		HOT DIP GALVANIZATION
CERTIFIED STATIC RESISTANCE	Kg	40.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)		2.400
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE		1.500.000
MAXIMUM PRESSURE OF WORK	bar	30
DEGREE OF PROTECTION OF THE PUMP	IP	67
POWER ABSORBED	W	500
POWER SUPPLY	Vac	230V 50 HZ
TEMPERATURE OF WORK	°C	-20 / + 80
ROHS REQUIREMENTS		•

• = standard equipment

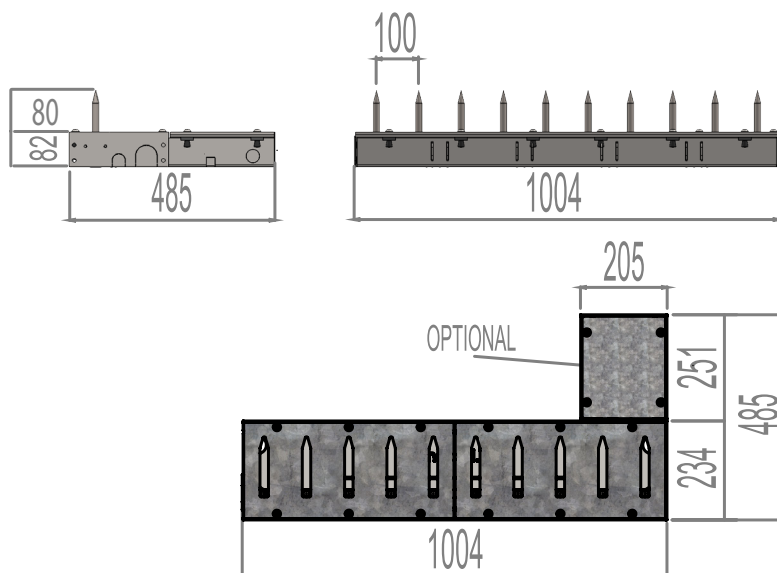
COD.	
L2000	039208152
L3000	039208153

TK08A-I

BUILT-IN HYDRAULIC TYRE KILLER

- 80 MM INOX SPURS
- HYDRAULIC SYSTEM: OPTIONAL
- CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION

MODULAR PRODUCT

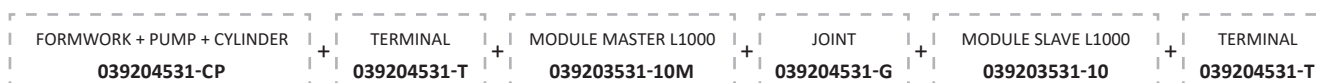


MODEL		TK08A-I
THICKNESS OF THE PLATE	mm	10
MATERIAL AND FINISH OF THE SPURS		INOX 304
HEIGHT OF THE SPURS	mm	80
PROCESSING FORMWORK, EXTR. STRUCTURE AND PLATE		HOT DIP GALVANIZATION
CERTIFIED STATIC RESISTANCE	Kg	40.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)		2.400
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE		1.500.000
MAXIMUM PRESSURE OF WORK	bar	30
BUILT-IN HYDRAULIC PUMP		OPTIONAL
DEGREE OF PROTECTION OF THE PUMP	IP	67
POWER ABSORBED	W	500
POWER SUPPLY	Vac	230V 50 HZ
TEMPERATURE OF WORK	°C	-20 / + 80
ROHS REQUIREMENTS		•

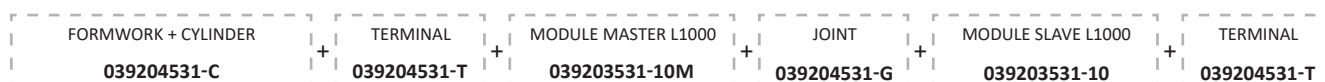
• = standard equipment

COD.	
MODULE MASTER L1000	039203531-10M
MODULE SLAVE L1000	039203531-10
MODULE SLAVE L500	039203531-05
FORMWORK + CYLINDER	039204531-C
FORMWORK + PUMP + CYLINDER	039204531-CP
JOINT	039204531-G
TERMINAL	039204531-T

COMPOSITION EXAMPLE TK08A-I 2 METERS



COMPOSITION EXAMPLE TK08A-I 2 METERS (NO PUMP)

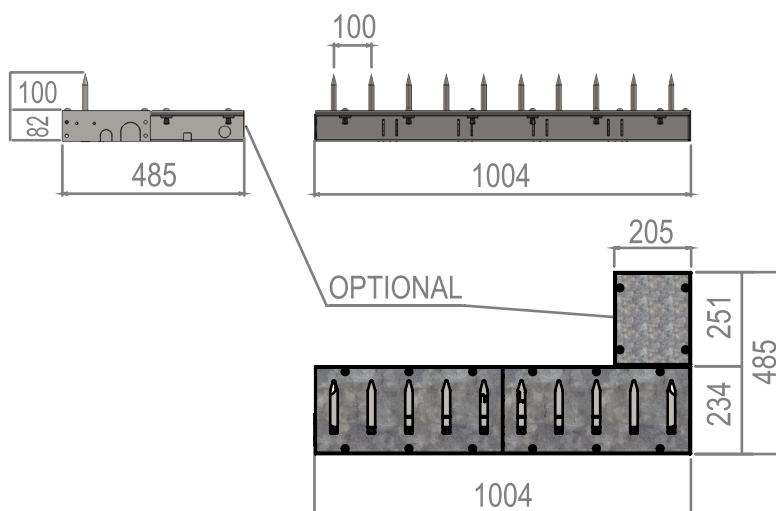


TK10A-I

BUILT-IN HYDRAULIC TYRE KILLER

- 100 MM INOX SPURS
- HYDRAULIC PUMP: OPTIONAL
- HYDRAULIC CYLINDER: OPTIONAL
- CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION

MODULAR PRODUCT

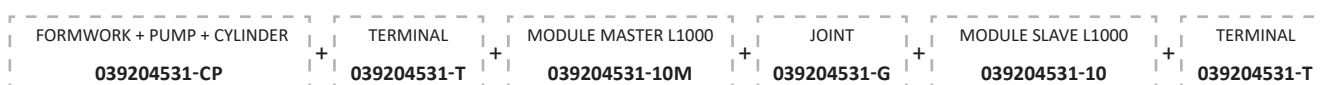


MODEL		TK10A-I
THICKNESS OF THE PLATE	mm	10
MATERIAL AND FINISH OF THE SPURS		INOX 304
HEIGHT OF THE SPURS	mm	100
PROCESSING FORMWORK, EXTR. STRUCTURE AND PLATE		HOT DIP GALVANIZATION
CERTIFIED STATIC RESISTANCE	Kg	40.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)		2.400
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE		1.500.000
MAXIMUM PRESSURE OF WORK	bar	30
BUILT-IN HYDRAULIC PUMP		OPTIONAL
DEGREE OF PROTECTION OF THE PUMP	IP	67
POWER ABSORBED	W	500
POWER SUPPLY	Vac	230V 50 HZ
TEMPERATURE OF WORK	°C	-20 / + 80
ROHS REQUIREMENTS		•

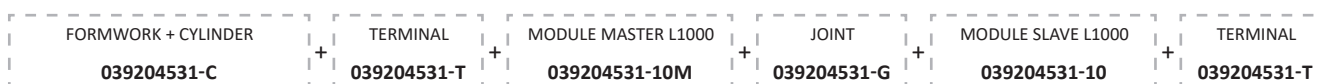
• = standard equipment

COD.	
MODULE MASTER L1000	039204531-10M
MODULE SLAVE L1000	039204531-10
MODULE SLAVE L500	039204531-05
FORMWORK + CYLINDER	039204531-C
FORMWORK + PUMP + CYLINDER	039204531-CP
JOINT	039204531-G
TERMINAL	039204531-T

COMPOSITION EXAMPLE TK10A-I 2 METERS



COMPOSITION EXAMPLE TK10A-I 2 METERS (NO PUMP)

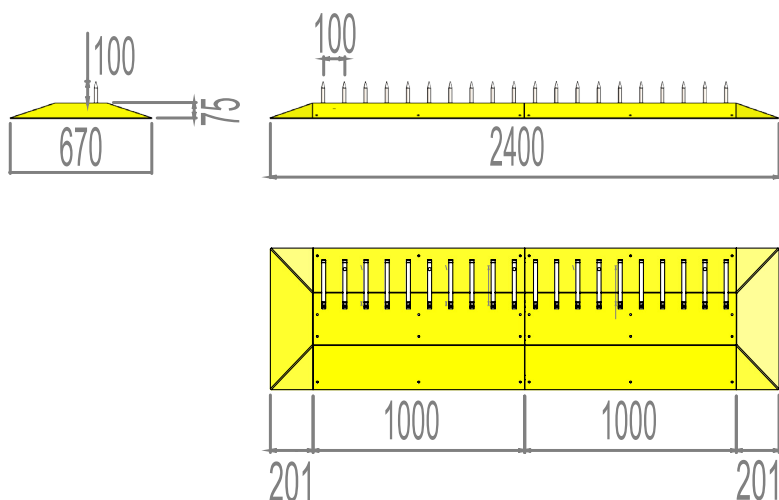


TK10A-E

EXTERNAL HYDRAULIC TYRE KILLER

- INOX SPURS
- HYDRAULIC PUMP: OPTIONAL
- HYDRAULIC CYLINDER: OPTIONAL
- CONTROL BOARD: OPTIONAL
- CUSTOM CONFIGURATION

MODULAR PRODUCT



MODEL	TK10A-E	
MATERIAL AND FINISH OF THE SPURS	INOX 304	
PROCESSING FORMWORK, EXTR. STRUCTURE AND PLATE	HOT DIP GALVANIZATION	
HEIGHT OF THE SPURS	mm	10
CERTIFIED STATIC RESISTANCE	Kg	40.000
DAILY CYCLES INTENSIVE USE (INTERMITTENT CYCLE S3)		2.400
AVERAGE LIFE CYCLES WITHOUT MAINTENANCE		1.500.000
MAXIMUM PRESSURE OF WORK	bar	30
DEGREE OF PROTECTION OF THE PUMP	IP	67
POWER ABSORBED	W	500
POWER SUPPLY	Vac	230V 50 HZ
TEMPERATURE OF WORK	°C	-20 / + 80
ROHS REQUIREMENTS	•	
TERMINALS	OPTIONAL	

• = standard equipment

	Kg	COD.
L2000	130	039104552
L3000	193	039104553
Terminal n°1 piece	7,5	039804000
Joint		0390202
Cylinder + FC		039160050

COMPOSITION EXAMPLE TK10A-E 5 METERS

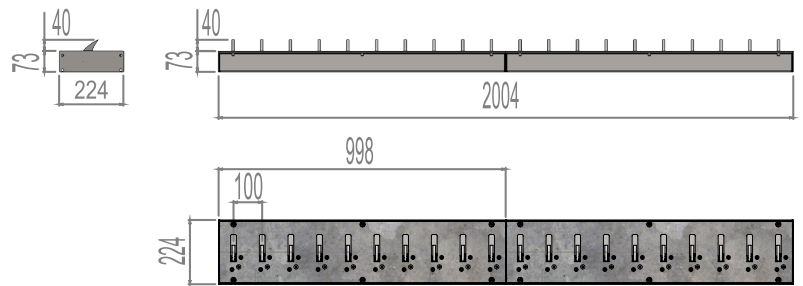
CABINET WITH PUMP + BRAIN 5935230103014 / 5	+	CYLINDER + FC 039160050	+	TERMINAL 039804000	+	L2000 039104552	+	JOINT 0390202	+	L3000 039104553	+	TERMINAL 039804000
--	---	----------------------------	---	-----------------------	---	--------------------	---	------------------	---	--------------------	---	-----------------------

TK10SA-I

BUILT-IN SEMI-AUTOMATIC TYRE KILLER

- SPURS WITH SPRING
- CUSTOM CONFIGURATION

MODULAR PRODUCT



MODEL	TK10SA-I FE	TK10SA-I INOX
MATERIAL AND FINISH OF THE SPURS	FE 360	INOX 304
PROCESSING FORMWORK AND EXTR. STRUCTURE	HOT DIP GALVANIZATION	
FINISH OF THE PLATE	HOT DIP GALVANIZATION	
CERTIFIED STATIC RESISTANCE	Kg	40.000

	TK10SA-I FE	TK10SA-I INOX
L1000	039504071	039504571

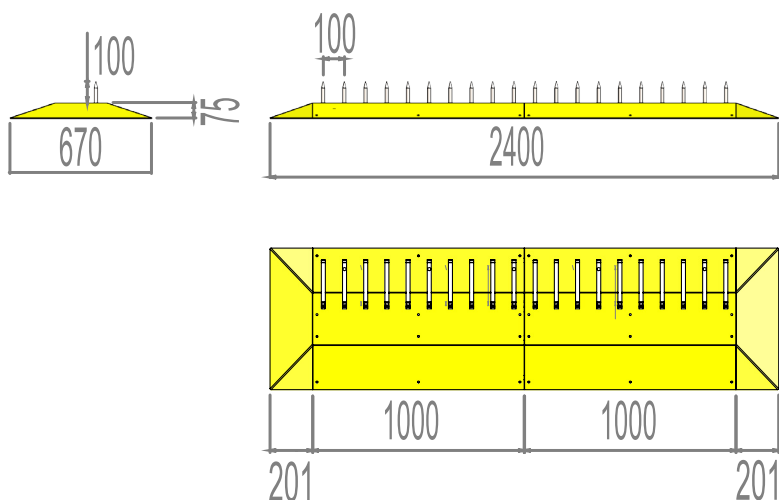
	COD.
Joint	0390202
Terminal	0390201

TK10SA-E

EXTERNAL SEMI-AUTOMATIC TYRE KILLER

- SPURS WITH SPRING
- CUSTOM CONFIGURATION


MODULAR PRODUCT






MODEL	TK10SA-E FE	TK10SA-E INOX
MATERIAL AND FINISH OF THE SPURS	Fe 360	INOX 304
PROCESSING FORMWORK AND EXTR. STRUCTURE	HOT DIP GALVANIZATION	
FINISH OF THE PLATE	POWDER COATING	
CERTIFIED STATIC RESISTANCE	Kg	40.000
TERMINALS	OPTIONAL	
WEIGHT	Kg	70


• = standard equipment

	TK10SA-E FE	TK10SA-E INOX
L1000	039404071	039404571

	Kg		COD.
	7,5	Terminal n°1 piece	039804000

COD.	DESCRIPTION
 5050008500	BRAIN4 ELECTRONIC CONTROL BOARD FOR CONTROLLING 4 BRAIN4 WITH RS232 RADIO RIC. INCORP. + JUNCTION BOX IP56
5050008602	BRAIN4 ELECTRONIC CONTROL BOARD FOR CONTROLLING 4 AUTOMATIC BOLLARDS - RADIO RIC. INCORP. + JUNCTION BOX IP56
 5050008615	BRAIN1 ELECTRONIC CONTROL BOARD FOR CONTROLLING 1 AUTOMATIC BOLLARD - RADIO RIC. INCORP. + JUNCTION BOX IP56
 1503510	ELECTRONIC CONTROL BOARD BRAIN1TK
5935230103015	CABINET 600X400X250 WITH HYDRAULIC PUMP 4L + UNLOCK + BRAIN1 + THERMAL MAGNETIC BREAKER
5935230103014	CABINET 600X400X250 WITH HYDRAULIC PUMP 4L + UNLOCK + BRAIN4 + THERMAL MAGNETIC BREAKER

TK45A-I

1502250	DUPLICATOR CARD FOR 4 LIMIT SWITCHES 24 VCC + EFO
 035128000	EFO (EMERGENCY FAST OPERATION) H500
039970070	CONTROL UNIT FOR SBM408 BARRIER - TK10A-I
035106000	MANUAL PUMP IN ABSENCE OF TENSION

TK10A-I

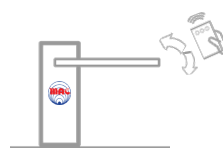
039804850	CABINET 600X400X250 WITH HYDRAULIC PUMP + UNLOCK + BRAIN1 FOR TK10A-I
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TK10A-E

039870070	CONTROL UNIT FOR SBM408 BARRIER - TK10A-E
039059030	HINGED JOINT FOR SBM408 BARRIER

ACCESSORIES AT PAGE 83 - 86

BARRIERS



SBM408

SBM206

SBM206M

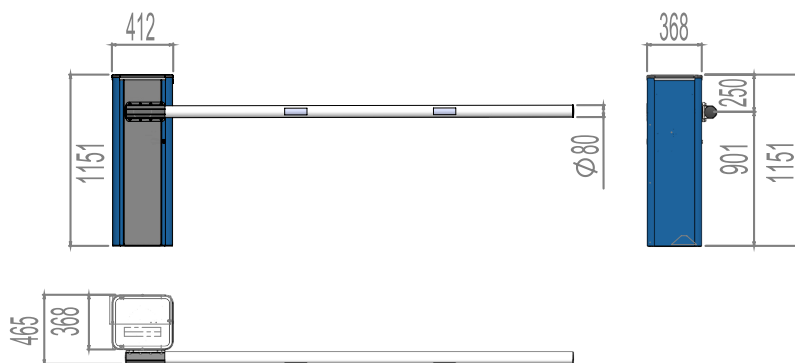
MANBAR

OPTIONAL

SBM408

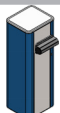
AUTOMATIC BARRIER

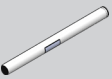
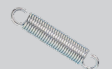
- INVERTER
- CONTROL BOARD
- THREE-PHASE MOTOR
- LED INCLUDED
- CUSTOM CONFIGURATION



MODEL	SBM408	
MATERIAL INTERNAL STRUCTURE	Fe 510	
FINISH OF INTERNAL STRUCTURE	HOT DIP GALVANIZATION	
FINISH OF COVER PLATE	POWDER PAINT	
DAILY CYCLES ARM UP TO 3M	9.000	
DAILY CYCLES ARM FROM 4 TO 6M	4.500	
TENSION MONO-PHASE INPUT	Vac	220
INVERTER WITH THREE-PHASE OUTPUT	Vac	220
LED POWER SUPPLY	Vcc	24
OPEN/CLOSE SPEED	sec	1 / 6
BARRIER WEIGHT	KG	110
TEMPERATURE OF WORK	C°	-20 / + 60
ARM ROTATION	LIMIT SWITCH OR ENCODER	
SECURITY LIMIT SWITCH FOR OPEN MANUAL UNLOCK	•	

• = standard equipment

COD		
	BARRIER	046114080
	FIXED LEG	046810010
	FOLDING LEG	046810000
	PHOTOCELL	1630026

		L2	L3	L4	L5	L6
	BOOM	COD 046780802	046780803	046780804	046780805	046780806
	SPRING	COD 04710600703450	04710600703450	04710700703450	04710700703450	04710800703450
	Q.	1	1	1	2	2

N.B.: THE PRICE OF THE SPRINGS SHOULD BE MULTIPLIED FOR THE QUANTITY (Q.) INDICATED.

SBM206

AUTOMATIC BARRIER

- CONTROL BOARD
- MONO-PHASE MOTOR
- LED INCLUDED
- CUSTOM CONFIGURATION



MODEL		SBM206
MATERIAL INTERNAL STRUCTURE		Fe 360
FINISH OF INTERNAL STRUCTURE		POWDER PAINT
DAILY CYCLES ARM UP TO 3M		300
DAILY CYCLES ARM FROM 4 TO 6M		100
POWER ABSORBED	Vac	
POWER SUPPLY	Vac	220
LED POWER SUPPLY (OPTIONAL)	Vcc	24
OPEN/CLOSE SPEED	sec	6
BARRIER WEIGHT	Kg	45
TEMPERATURE OF WORK	C°	-20 / + 60

• = standard equipment

COD



BARRIER **046212060**

FIXED LEG **046810010**

FOLDING LEG **046810000**

PHOTOCELL **1630026**

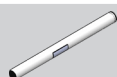
L2

L3

L4

L5

L6



BOOM

COD

046780802

046780803

046780804

046780805

046780806

SBM206M

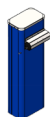
MANUAL BARRIER



MODEL		SBM206M FE	SBM206M INOX
MATERIAL INTERNAL STRUCTURE		FE 360	INOX 304
FINISH OF COVER PLATE		POWDER PAINT	SATIN
WEIGHT	Kg	31	33

• = standard equipment

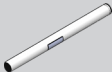
	COD	046612060	046652060
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MANUAL BARRIER

	PLATE FOR FIXING	046832060	046852060
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	L2	L3	L4	L5	L6
--	----	----	----	----	----

	BOOM	COD	046780802	046780803	046780804	046780805	046780806
---	------	-----	-----------	-----------	-----------	-----------	-----------

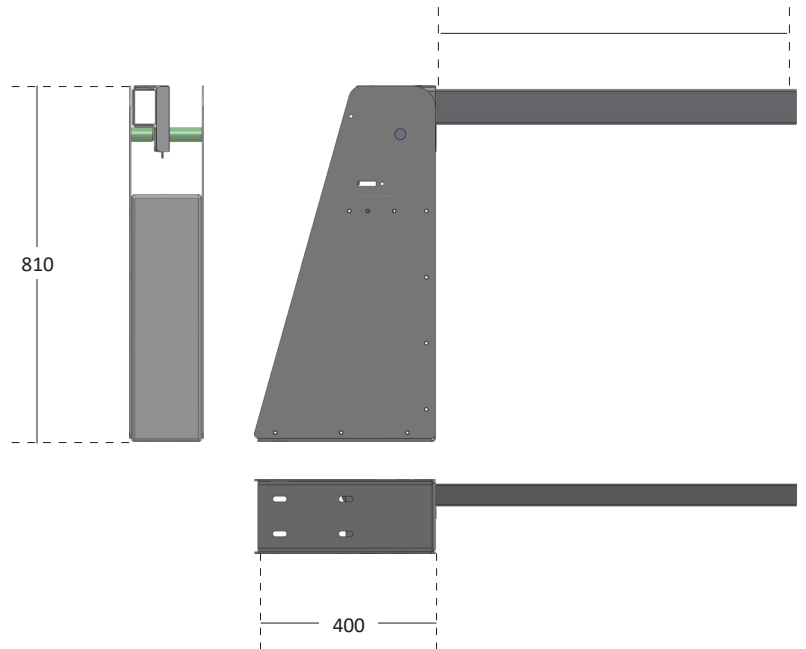
	COD	
FOLDING LEG	046810000	

FIXED LEG	046810010
-----------	-----------

MANBAR

MANUAL BARRIER

OUT OF PRODUCTION
LAST ITEMS IN STOCK



	COD
HOT DIP GALVANIZED BARRIER	0461000
HOT DIP GALVANIZED AND PAINTED BARRIER	0461001
ALUMINIUM BOOM 2M	0461002
ALUMINIUM BOOM 3M	0461003
ALUMINIUM BOOM 4M	0461004
ALUMINIUM BOOM 5M	0461005
ALUMINIUM BOOM 6M	0461006
FIXED LEG	0461011
FOLDING LEG	0461012
LOCK	5820002

COD.

DESCRIPTION

SBM408

039870070 CONTROL UNIT FOR SBM408 BARRIER - TK10A-E

039970070 CONTROL UNIT FOR SBM408 BARRIER - TK10A-I

ACCESSORIES AT PAGE 83 - 86



GREEN PROPOSALS

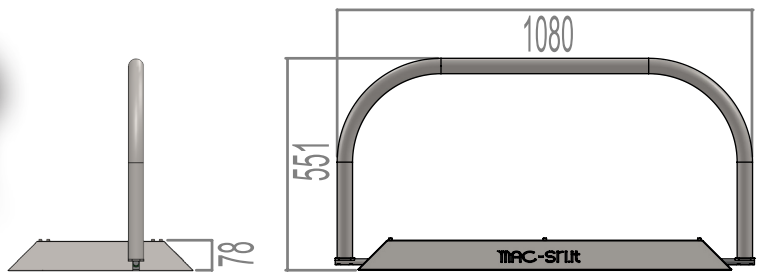


E-SBP 1080

E-CBP 760

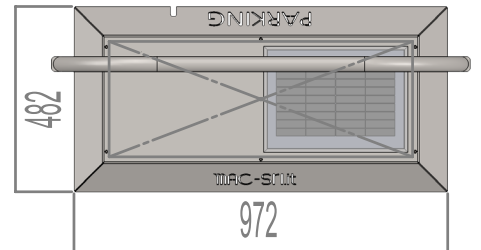
E-CBP 600

E-SBP1080



PARKING ARCH

- SOLAR PANEL
- INTERNAL BATTERY
- CUSTOMIZED CONFIGURATION

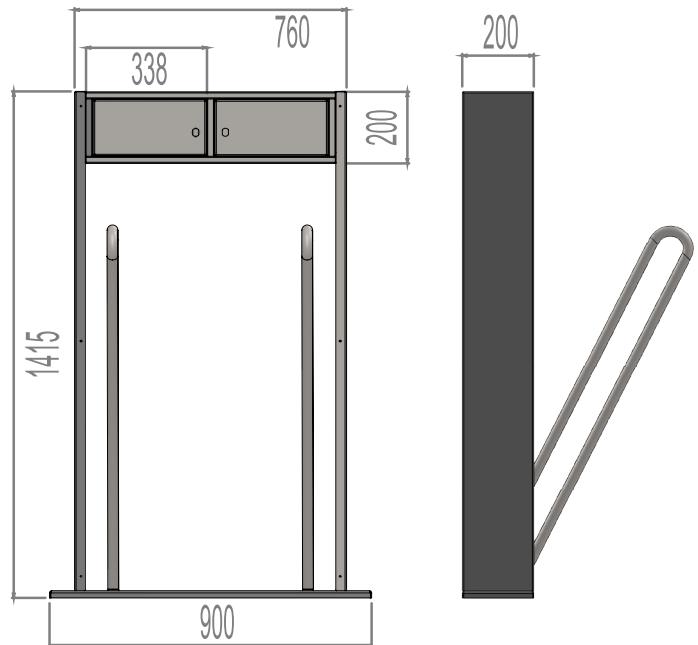


MODEL	E-SBP1080	
POWER SUPPLY	Vcc	12
INTERNAL BATTERY	Vcc	12V 9A
MOTOR POWER SUPPLY	Vcc	12
MOTOR POWER	W	30
NOMINAL POWER	A	3
ENERGY PRODUCED BY SOLAR PANEL	V	17
TEMPERATURE OF WORK	°C	- 20 + 50
ROHS REQUIREMENTS		•

• = standard equipment

COD.	044110108	
WEIGHT	kg	30

E-CBP760



ELECTRIC BIKE CHARGING STATION

- FOR N. 2 BIKES
- SOCKETS FOR CHARGING BIKES AND SMARTPHONES
- LOCKABLE WITH THE SOCKET IN
- CUSTOMIZED CONFIGURATION

MODEL		E-CBP760
POWER SUPPLY	Vcc	110 / 220
UNIVERSAL SCHUKO SOCKET FOR EACH USER	N.	1
USB A AND C SOCKETS FOR EACH USER	N.	1
SAFETY STEEL ROPE FOR EACH USER	N.	1
LOCKABLE WITH THE SOCKET IN		•
ROHS REQUIREMENTS		•

• = standard equipment

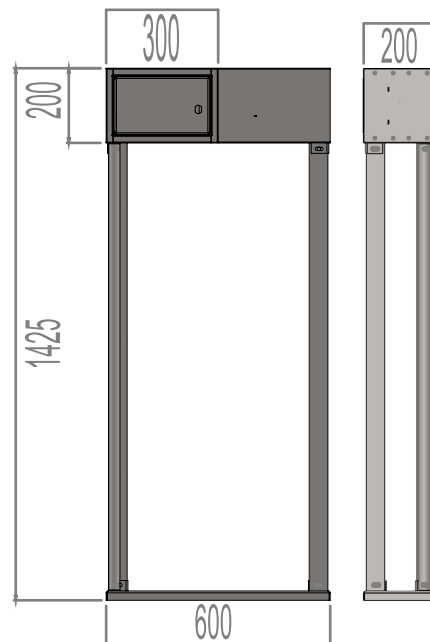
COD.		050110762
WEIGHT	Kg	30

E-CBP600



ELECTRIC BIKE CHARGING STATION

- FOR N. 2 BIKES
- SOCKETS FOR CHARGING BIKES AND SMARTPHONES
- LOCKABLE WITH THE SOCKET IN
- CUSTOMIZED CONFIGURATION



MODEL		E-CBP760
POWER SUPPLY	Vcc	110 / 220
UNIVERSAL SCHUKO SOCKET FOR EACH USER	N.	1
USB A AND C SOCKETS FOR EACH USER	N.	1
SAFETY STEEL ROPE FOR EACH USER	N.	1
LOCKABLE WITH THE SOCKET IN		•
ROHS REQUIREMENTS		•

• = standard equipment

COD.		050110762
WEIGHT	Kg	25

ELECTRIFIED COCKPIT



TORM

TORM RIB

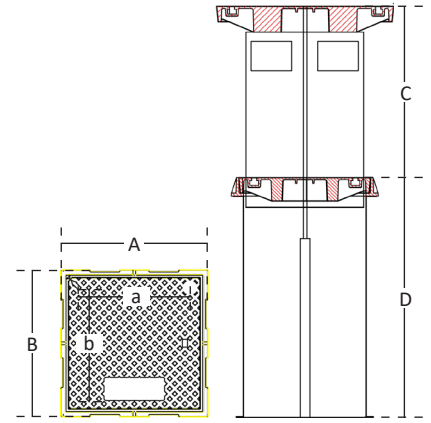
TORM EXPO 63

TORM EXPO 150

TORM

ELECTRIFIED COCKPIT

- STRUCTURE IN STAINLESS STEEL
- MANHOLE IN CAST IRON



(u.m.=mm)

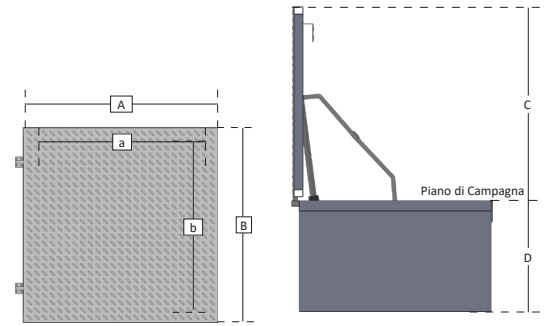
A	B	a	b	C	D
600	600	500	500	650	1000
800	800	700	700	650	1000

TORM					
DRIVE OVER MANHOLE	B125	C250	D400	E600	F900
MANHOLE GROUND LEVEL	✓	✓	✓	✓	✓
MANHOLE FILLING	✓				
ACCESSORIES	DIFFRENT CONFIGURATIONS AVAILABLES				

TORM RIB

ELECTRIFIED COCKPIT

- STRUCTURE IN STAINLESS STEEL
- MANHOLE IN CAST IRON



(u.m.=mm)

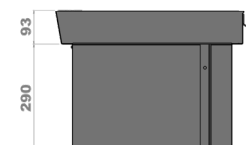
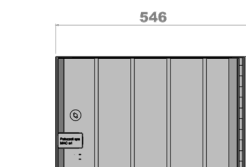
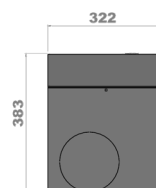
A	B	a	b	C	D
800	800	700	700	700	600

TORM					
DRIVE OVER MANHOLE	B125	C250	D400	E600	F900
MANHOLE GROUND LEVEL	✓	✓	✓	✓	✓
MANHOLE FILLING	✓				
ACCESSORIES	DIFFRENT CONFIGURATIONS AVAILABLES				

TORM EXPO 63

ELECTRIFIED COCKPIT

- STRUCTURE IN STAINLESS STEEL
- MANHOLE FILLING IN STAINLESS STEEL
- MANHOLE GROUND LEVEL HOT DIP GALVANIZED



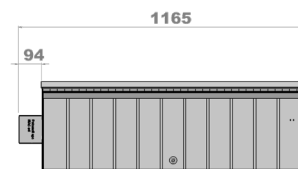
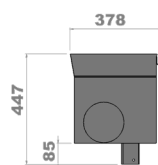
TORM EXPO 63

COD 0900812

TORM EXPO 150

ELECTRIFIED COCKPIT

- STRUCTURE IN STAINLESS STEEL
- MANHOLE FILLING IN STAINLESS STEEL
- MANHOLE GROUND LEVEL HOT DIP GALVANIZED



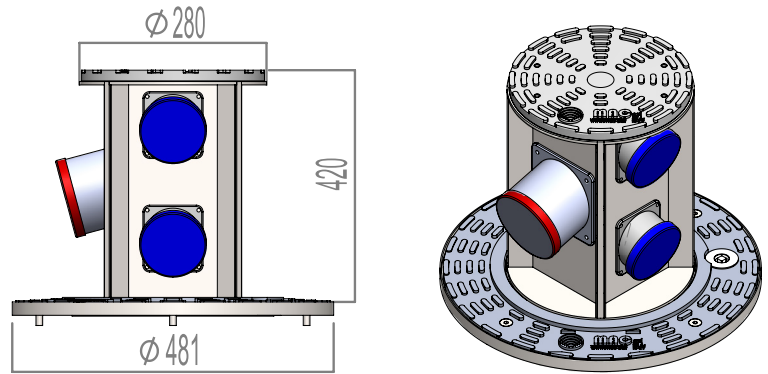
TORM EXPO 150

COD 0900820

CELLAR280

ELECTRIFIED COCKPIT

- HEAD AND PLATFORM IN ALUMINIUM
- STAINLESS STEEL STRUCTURE
- SCREW THAT CAN BE OPENED WITH A DRILL
- LED: OPTIONAL



MODELLO	CELLAR280	
THICKNESS OF THE PLATES	mm	10
DIAMETER OF THE COCKPIT	mm	280
DIAMETER OF THE PLATFORM	mm	481
MATERIAL INTERNAL STRUCTURE	STAINLESS STEEL 304	
MATERIAL HEAD AND PLATFORM	ALUMINIUM	
LOAD CLASS	C250	
ROHS REQUIREMENTS	•	

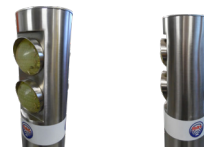
• = standard equipment

COD.	
CELLAR280	0903000
KIT A	0903000-A
KIT B	0903000-B
KIT C	0903000-C
KIT D	0903000-D

KIT A	KIT B	KIT C	KIT D
SIDE 1: (16 MODULES) 1 PURE DIFF. SWITCH 4X63A 0,003A 1 MAGN. SWITCH 4X32A 6KA 4 MAGN. SWITCH 2X16A 6KA	SIDE 1: (16 MODULES) 1 PURE DIFF. SWITCH 4X63A 0,003A 1 MAGN. SWITCH 3X32A 6KA 4 MAGN. SWITCH 2X16A 6KA	SIDE 1: (16 MODULES) 1 PURE DIFF. SWITCH 4X63A 0,003A 2 MAGN. SWITCH 4X16A 6KA 4 MAGN. SWITCH 2X16A 6KA	SIDE 1: (16 MODULES) 1 PURE DIFF. SWITCH 4X63A 0,003A 2 MAGN. SWITCH 3X16A 6KA 4 MAGN. SWITCH 2X16A 6KA
SIDE 2: 2 THREEPHASE SOCKETS 2X16A+T IP67	SIDE 2: 2 SOCKETS 2X16A+T IP67	SIDE 2: 2 SOCKETS 2X16A+T IP67	SIDE 2: 2 SOCKETS 2X16A+T IP67
SIDE 3: 1 SOCKET 3X32A+N+T IP67	SIDE 3: 1 THREEPHASE SOCKET 3X32A+T IP67	SIDE 3: 2 THREEPHASE SOCKETS 3X16A+N+T IP67	SIDE 3: 2 THREEPHASE SOCKETS 3X16A+T IP67
SIDE 4: 2 SOCKETS 2X16A+T IP67	SIDE 4: 2 SOCKETS 2X16A+T IP67	SIDE 4: 2 SOCKETS 2X16A+T IP67	SIDE 4: 2 SOCKETS 2X16A+T IP67

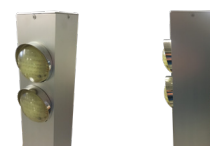
TRAFFIC LIGHTS AND MORE

TRAFFIC LIGHTS



INOX TRAFFIC LIGHT 2 LED RED/GREEN		1650001	1650002
SIDES		1	2
TUBE DIAMETER	∅		140
HEIGHT	mm		1.500
TUBE MATERIAL		INOX304	
TUBE FINISH		SHINY	
REFLECTIVE STRIP		•	
POWER ABSORBED	mA		90
POWER SUPPLY	Vcc		24
WEIGHT	Kg		13

• = standard equipment

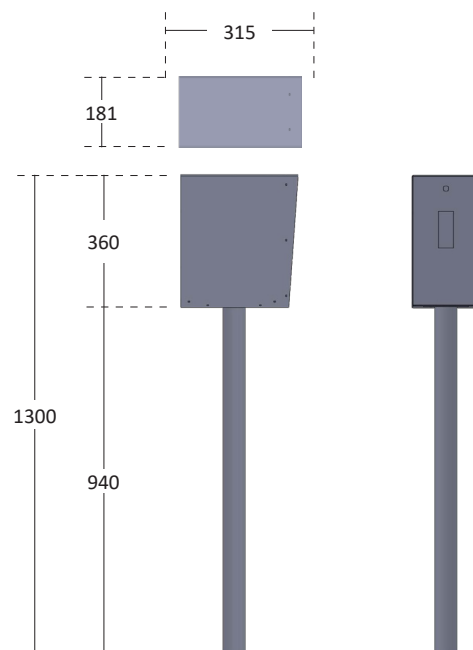


INOX TRAFFIC LIGHT 2 LED RED/GREEN		1650005	1650006
SIDE		1	2
TUBE DIMENSIONS	mm		100 x 100
HEIGHT	mm		1.500
TUBE MATERIAL		ALUMINUM	
TUBE FINISH		OXIDIZED	
REFLECTIVE STRIP		•	
POWER ABSORBED	mA		90
POWER SUPPLY	Vcc		24
WEIGHT	Kg		3,6

• = standard equipment



























GTA 1300

OUT OF PRODUCTION
LAST ITEMS IN STOCK



	COD
PAINTED COIN BOX	1560070
COIN	1560180























ACCESSORIES

COD.	DESCRIPTION
 1502220	DUPLICATOR CARD FOR 4 LIMIT SWITCHES 24 VCC
 1502221	SERIAL CARD FOR SAFETY DEVICES
 1630079	LOOP DETECTOR DOUBLE COIL 24 VOLT DC/AC
 1630202	EMERGENCY BUTTON "BREAK THE GLASS" IP67
 1650001	TRAFFIC LIGHT LED 2 LIGHTS RED/GREEN STAINLESS STEEL 1 SIDE
 1650002	TRAFFIC LIGHT LED 4 LIGHTS RED/GREEN STAINLESS STEEL 2 SIDES
 1650005	TRAFFIC LIGHT LED 2 LIGHTS RED/GREEN ALUMINIUM 1 SIDE
 1650006	TRAFFIC LIGHT LED 4 LIGHTS RED/GREEN ALUMINIUM 2 SIDES
 1650042	TRAFFIC LIGHT WALL MOUNT WITH 2 LIGHTS (RED/GREEN) LED 230VAC - 1 SIDE
 1650026	FLASHING LIGHT 230 VAC LED
 5050001251	ELECTRICAL VALVE 230V N.O. FOR AUTOMATIC LOWERING WITHOUT POWER SUPPLY + CABLE FOR TRANSFORMATION FROM PRIVATE SOIL TO PUBLIC
 5050001810	FIREFIGHTER TRIANGULAR LOCK 11M
 5050001815	KEY FOR TRIANGULAR FIREFIGHTER LOCK 11M
 5050001827	PROTECTION LOCK WITH 3 KEYS – DIFFERENT CYLINDER FOR EACH BOLLARD
 5050001828	PROTECTION LOCK WITH 1 KEY FOR GROUPS OF 2/3/4 IDENTICAL CYLINDERS
 5050001829	PROTECTION LOCK WITH 3 KEYS AND MASTERCARD – DIFFERENT CYLINDER FOR EACH BOLLARD
 5050001830	LOCK PROTECTION WITH 1 KEY AND MASTERCARD FOR GROUPS OF 2/3/4 IDENTICAL CYLINDERS
 5050001854	HEATHER RESISTANCE 250W 230V IP67 + BRACKET AND CABLE
 5050008620	PROTECTION ACCESSORY FOR LIVE PARTS AND SUPPORT FOR FIXING OF CAPACITORS (BRAIN4)
 5050008621	THERMAL MAGNETIC BREAKER FIXED ON THE DIN BAR IN THE PANEL OF BRAIN4
 5050008622	RELEASE COIL AUXILIARIES CONTACTS FOR SIGNALLING NETWORK FAILURE ON DIN BAR FOR BRAIN4 FOR EMERGENCY BUTTON
 5050008630	WEEKLY CLOCK FOR THE MANAGEMENT OF TIME BAND OPENINGS (BRAIN4)
 5050008651	SOUND RECOGNIZER EMERGENCY VEHICLES SIRENS APPROVED IN EUROPE (SPECIFY COUNTRY AT THE TIME OF THE ORDER)
 5050008801	ALARM KIT
 5050008901	ROAD SIGN "ATTENTION AUTOMATIC BOLLARDS IN MOVEMENT" WITH POLE
 5050008910	ACOUSTIC SIGNALLER 230V IP67. DANGER WARNING DURING THE BOLLARD STROKE

COD.	DESCRIPTION
030099100	SUBMERSIBLE PUMP WITH FLOAT FOR WATER DRAINAGE
6964018	BIODEGRADABLE OIL ECOLABEL HLP SYNTH E 22 – 2L
6964019	BIODEGRADABLE OIL ECOLABEL HLP SYNTH E 22 – 5L
6964020	BIODEGRADABLE OIL ECOLABEL HLP SYNTH E 22 – 10L
6964018	BIODEGRADABLE OIL ECOLABEL HLP SYNTH E 22 – 2L
6964019	BIODEGRADABLE OIL ECOLABEL HLP SYNTH E 22 – 5L
6964020	BIODEGRADABLE OIL ECOLABEL HLP SYNTH E 22 – 10L



ACCESS CONTROL

	1560003	SELECTOR 2 CONTACTOS
	1540004	4 CHANNEL TRANSMITTER 433 MHZ DIP SWITCH
	1540024	4 CHANNEL TRANSMITTER 433 MHZ ROLLING CODE
	1540100	ANTENNA 433 MHZ STAINLESS STEEL WITH CABLE 7M
	1592271	RECEIVING ANTENNA UHF PRO RFID 0 / 12 M
	1592451	SOFTWARE LICENSE UHF MAX 5 ANTENNAS
	1592301	UHF TRANSMITTER - TAG 1
	1592302	UHF TRANSMITTER - TAG 2
	1592303	UHF TRANSMITTER - TAG 3
	1592304	UHF TRANSMITTER - TAG 4
	1591001	PRO1001 TWO-CHANNEL INTERFACE FOR CONNECTION OF MAX 2 DEVICES PER TYPE
	1591010	PRO1010 ELECTRONIC CONTROL UNIT FOR ACCESS CONTROL WITH RADIO
	1591011	PRO1011 INTERFACE FOR TRANSIT MEMORISATION
	1591031-10	PRO1031-10 TAG NFC KEY 10 PIECES
	1591031-250	PRO1031-250 TAG NFC KEY 250 PIECES
	1591035-10	PRO1035-10 TAG NFC CARD 10 PIECES
	1591035-250	PRO1035-250 TAG NFC CARD 250 PIECES
	1591121	PRO1121 KEYBOARD
	1591212	PRO1212 NFC READER FOR SMARTPHONE
	1591213	PRO1213 NFC READER FOR CARD AND KEY
	1591041	SEC1041 ELECTRONIC CONTROL BOARD FOR KEYBOARD SEC1141 - 1 RELAY
	1591042	SEC1042 ELECTRONIC CONTROL BOARD FOR KEYBOARD SEC1141 - 2 RELAY
	1591141	SEC1141 ANTI-VANDAL KEYBOARD FOR ELECTRONIC CONTROL UNIT SEC1041 OR SEC1042



KIT

DEVICES REQUIRED TO ADAPT A BOLLARD IN DIFFERENT CONDITIONS OF USE: PRIVATE USE, PRIVATE AND PUBLIC USE AND PUBLIC USE.



Private



ELECT. CONTROL. BRAIN4 IP56 MANAGEMENT OF 4 AUTOMAT. BOLLARDS RADIO R. INCLUDED ELECTRIC VALV + TRAFFIC LIGHTS

5050008602



GENERAL MAGNETIC THERMAL SWITCH FIXED ON THE BAR DIN IN THE BOX OF BRAIN4

5050008621



PROTECTION ACCESSORY FOR PARTS IN TENSION IN PLEXIGLASS AND SUPPORT FOR FIXING CONDENSERS FOR BRAIN4

5050008620



TWO COILS MAGNET. INDUCTOR FOR LOOPS OF METAL REVEAL. 24Volt DC/AC

1630079



FOUR CHANNEL TRASMITTER 433 Mhz ROLLING CODE

1540024



ANTENNA 433 Mhz STAINLESS STEEL WITH CABLE 7m

1540100




EXTERNAL KEY SELECTOR SWITCH

1560003


Public

Private public use




SA1 ACOUSTIC BUZZER 230V IP 67 FOR TO SIGNALATE THE MOVING OF BOLLARD (INTERNAL INSTALATION)

5050008910




ELECT. CONTROL. BRAIN4 IP56 MANAGEMENT OF 4 AUTOMAT. BOLLARDS RADIO R. INCLUDED ELECTRIC VALV + TRAFFIC LIGHTS

5050008602




GENERAL MAGNETIC THERMAL SWITCH FIXED ON THE BAR DIN IN THE BOX OF BRAIN4

5050008621




PROTECTION ACCESSORY FOR PARTS IN TENSION IN PLEXIGLASS AND SUPPORT FOR FIXING CONDENSERS FOR BRAIN4

5050008620




TWO COILS MAGNET. INDUCTOR FOR LOOPS OF METAL REVEAL. 24Volt DC/AC

1630079




TRAFFIC LIGHT LED WITH 2 LIGHTS RED/GREEN WITH VERTICAL-WALL HEATER LED 230Vac

1650042




ROAD MARKING OF SIGNALLING BE CAREFUL BOLLARDS MOVING WITH POLE

5050008901




FOUR CHANNEL TRASMITTER 433 Mhz ROLLING CODE

1540024




ANTENNA 433 Mhz STAINLESS STEEL WITH CABLE 7m

1540100




EXTERNAL KEY SELECTOR SWITCH

1560003



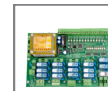
ELECTRICAL VALVE V230 N.O. FOR AUTOMATIC LOWERING IN POWER FAILURE + CABLE FOR CONVERSION FROM PRIVATE GROUND TO PUBLIC GROUND (1M CABLE)

5050001251




SA1 ACOUSTIC BUZZER 230V IP 67 FOR TO SIGNALATE THE MOVING OF BOLLARD (INTERNAL INSTALATION)

5050008910




ELECT. CONTROL. BRAIN4 IP56 MANAGEMENT OF 4 AUTOMAT. BOLLARDS RADIO R. INCLUDED ELECTRIC VALV + TRAFFIC LIGHTS

5050008602




GENERAL MAGNETIC THERMAL SWITCH FIXED ON THE BAR DIN IN THE BOX OF BRAIN4

5050008621




RELEASE COIL AUXILIARIES CONTRACTS FOR SIGNALLING NETWORK FAILURE FOR BRAIN4 MANAGED BY THE EXTERNAL EMERGENCY BUTTON

5050008622




PROTECTION ACCESSORY FOR PARTS IN TENSION IN PLEXIGLASS AND SUPPORT FOR FIXING CONDENSERS FOR BRAIN4

5050008620




EXTERNAL KEY SELECTOR SWITCH

1560003




TRAFFIC LIGHT LED WITH 2 LIGHTS RED/GREEN WITH VERTICAL-WALL HEATER LED 230Vac

1650042




ROAD MARKING OF SIGNALLING BE CAREFUL BOLLARDS MOVING WITH POLE

5050008901



RSME EMERGENCY VEHICLES SOUND RECOGNIZER EUROPEAN APPORVED SIRENS INDICATE THE STATE

5050008651



TWO COILS MAGNET. INDUCTOR FOR LOOPS OF METAL REVEAL. 24Volt DC/AC

1630079



EMERGENCY BUTTON BREAKING GLASS IP67

1630202

NOTES



mauriks
solutions



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MADE IN ITALY