



## GARD 12

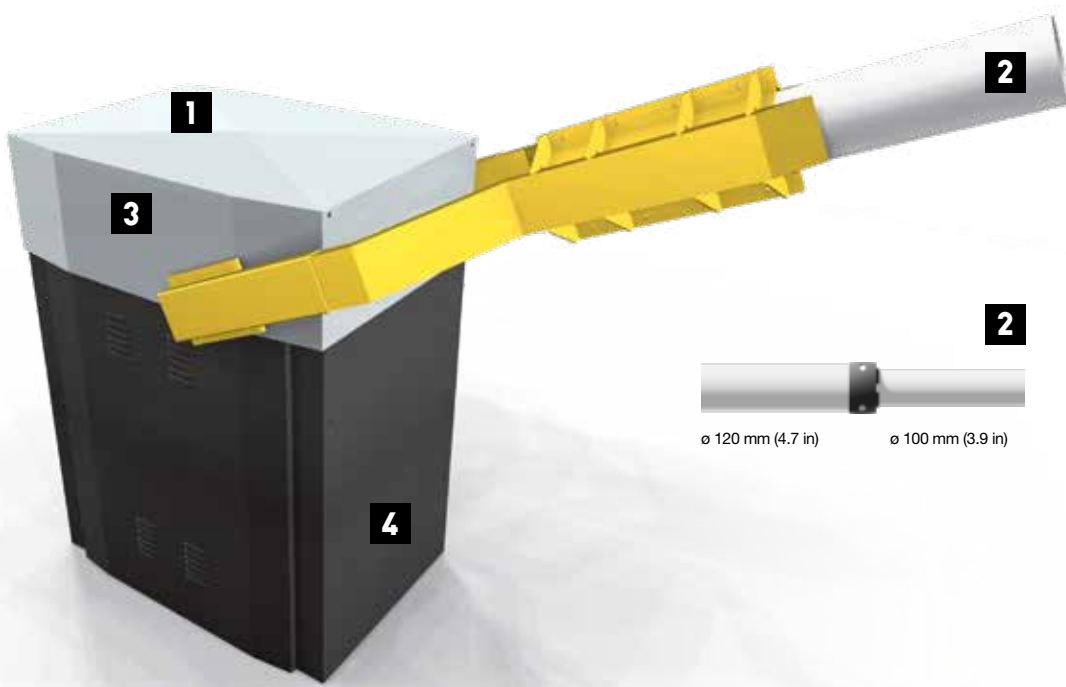
**IDEAL SOLUTION  
FOR SPECIAL  
OR EXCEPTIONAL  
CLEARANCE  
WIDTHS.**

Net clearance width  
of up to 12 m

**CAME** 

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**1**  
**INTEGRATION AND MODULARITY**  
A special automated device that perfectly integrates with all CAME command and control accessories

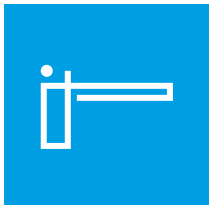
**2**  
**MODULAR TUBULAR BOOM**  
The round different diameter section, makes for easier transportation and minimum wind resistance

**3**  
**COMMAND AND CONTROL ELECTRONICS**  
Fitted so it is easy to reach for faster scheduled maintenance while being protected from weathering agents

**4**  
**COUNTER-WEIGHT BALANCING**  
Adjustable via iron modules that can be either added or removed depending on the length of the boom

**GARD 12 IS A TRULY OUT OF THE ORDINARY AUTOMATIC BARRIER.**

GARD 12 is the automatic barrier that opens 12 m (39.3 ft) opening widths in just 10 seconds, as is often required in industrial facilities.



# THE ADVANTAGES OF CAME'S GARD 12

- Two gearmotors installed in the cabinet and fitted along the same axis to provide greater motor torque.
- The boom moves safely and reliably thanks to its special modular, counter-weight, balancing system, depending on the length of the boom.
- A vast range of control and safety accessories for a fully fitted installation.
- The 24 V DC power supply is ideal for ensure optimal control of the boom's movement.



## DOUBLE MOTOR, DOUBLE DURATION

Inside GARD 12 sit two gearmotors, installed along the same axis that provide remarkable torque. Boom is balanced by counter-weights ensuring safe and reliable movement even when used frequently.

## MODULAR TUBULAR BOOM

The round different diameter section, makes for easier transportation and minimum wind resistance.

## GLOBAL ENTRY POINT CONTROL

Each automatic barrier of the GARD 12 series, can be connected to different CAME access control systems for identifying, memorizing and enabling entry or exit only to authorized personnel.

## GARD 12 TECHNOLOGY



### GUARANTEED 24 VOLTS

The 24 V DC gearmotors are designed for intensive duty and are guaranteed to work even during power outages. This icon also means that a product is powered by low voltage.



### 120 V AC

Power supply 120 V AC, gearmotor 24 V DC.

## READ UP AT CAME.COM ABOUT THE FULL RANGE OF CAME OPERATORS AND ACCESSORIES



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PHOTOCELLS



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SELECTOR



12 KEYPAD  
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# CAME AUTOMATED OPERATORS AND ACCESS CONTROL

SLIDING GATE OPERATORS



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AUTOMATIC STREET BARRIERS



OPERATORS FOR INDUSTRIAL ENTRANCES



AUTOMATED OPERATORS FOR ROLLER SHUTTERS



AUTOMATIC TURNSTILES AND ACCESS CONTROL



AUTOMATIC PARKING SYSTEMS



ACCESSORIES





COMPLETE SYSTEMS



## SETTABLE FUNCTIONALITIES FOR YOUR NEEDS!



GARD 12 is available with motor at 24 V DC version.

The table shows the main control panel characteristics matched to the gearmotors.

	 ZL38C	 ZL38D
<b>CONTROL BOARD / CONTROL PANEL</b>		
<b>SAFETY</b>		
PRE-FLASHING when opening and closing	■	■
REOPENING during closing	■	■
TOTAL STOP	■	■
OBSTRUCTION DETECTION in front of photocells	■	■
AMPEROMETRIC DETECTION	■	■
<b>COMMAND</b>		
OPEN ONLY from transmitter and/or from button	■	■
ONLY OPEN or ONLY CLOSE button connection	■	■
OPEN-CLOSE-INVERT from the transmitter and/or button	■	■
MAINTAINED ACTION	■	■
IMMEDIATE CLOSING	■	■
<b>CHARACTERISTICS</b>		
FLASHING LIGHT connection	■	■
Antenna	■	■
OPEN ALERT LIGHT connection	■	■
SELF-LEARNING of the transmitter's RADIO CODE	■	■
Adjustable AUTOMATIC RECLOSING TIME	■	■
OPENING and/or CLOSING slow downs	■	■
Back up battery charger	■	■
MASTER-SLAVE	■	■
TRAVEL and SLOW DOWN SPEEDS SPEEDS	■	■
Electronic brake	■	■

■ 24 V DC

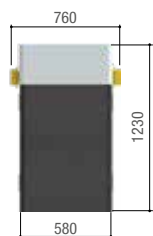
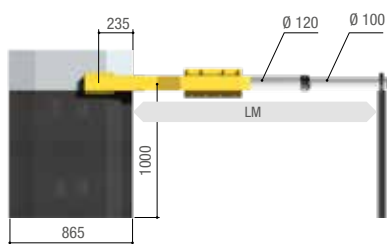
## GARD 12 TECHNOLOGY

	 ZL38C	 ZL38D
<b>PRODUCT</b>		
G12000K	■	
LB38	■	
G12010K	■	■
G12010KS	■	■

The table here above, shows **only** products associated to the mentioned **CAME technologies**. All other range products are listed on the General Catalogue.

**002LB38** - Three 12 V - 7 Ah batteries (not supplied), set up a suitable external battery housing that can fit in the barrier cabinet on: 001G12000K - 001G12010K - 001G12010KS.

## DIMENSIONS (MM)



LM = Max. net clearance width

## OPERATING LIMITS (M)

MODELS	001G12000K	001G12010K	001G12010KS
Max. net clearance width (m)	12	12	12

## TECHNICAL CHARACTERISTICS

MODELS	001G12000K	001G12010K	001G12010KS
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	230 AC	120 AC	120 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Absorption (A)	15 Max.	15 Max.	15 Max.
Power (W)	300	300	300
Opening time at 90° (s)	10	10	10
Duty/cycle (%)	50	50	50
Torque (Nm)	600	600	600
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

■ 24 V DC

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# CAME

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