LBA 12

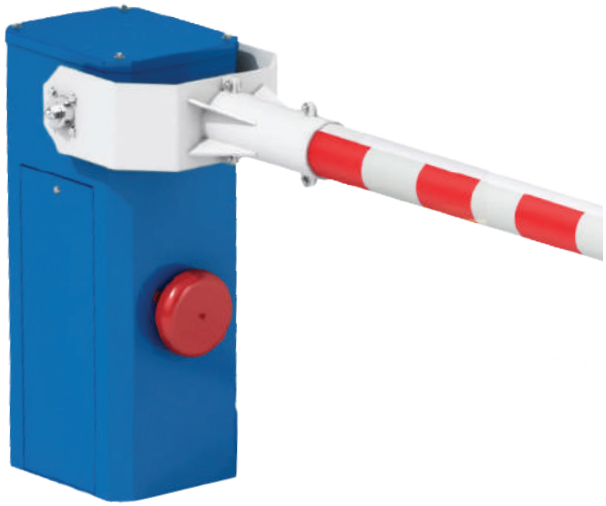
ACCESS BARRIER UP TO 24 M

BOOM BARRIER WITH HIGH STRENGTH ARM UP TO 12M

Variable speed, adjustable from 4.9 to 10.5 seconds	Continuous operation, 10,000 cycles/day	**One-piece reinforced fibreglass boom without guy wire or aditional support elements up to 12m**	Anti-impact rotary system optional

STANDARD CHARACTERISTICS

- **Speed:** Variable from 4.9 seconds
- **Continuous operation:** 10,000 cycles/day
- **Boom:** Ø 140 fibreglass or 180x118 oval aluminium
- **Geared motor:** Three-phase / 230 V single-phase power supply
- **Spring:** Compression counterbalance spring
- **Housing:** Made of treated steel sheet with Ronis 405 galvanised lock + standard RAL 5015
- **Top cover:** Made of 3 mm thick galvanised steel sheet with RAL 5015 paint
- **ONE-C board:** Control board operable via wired connection or network (Modbus TCP/IP, RS485), featuring an LED interface and remote access, ensuring optimized motor management (speeds, ramps), with updates via SD card and simplified installation
- **ONE-SENSE sensor:** Cam-mounted, providing precise, real-time position tracking of the boom arm down to the nearest degree, and enabling automatic learning of end positions



INDUSTRY SERVICES

LBA 12

TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.55 kW three-phase brake motor
Geared motor	Irreversible
Counterbalance	Compression spring + chain and pinion
Boom	140 fibreglass or 180x118 mm oval aluminium boom
Arm clamping bracket	10 mm galvanised steel
Operating time	From 4.9 sec (variable depending on options and length)
MCBF (number of cycles)	3 million
MTBF (hours)	15,000
MTTR (average time to repair)	60 minutes
Maximum boom length	12 m
Emergency operation	By hand crank
Temperature control	Anti-condensation heating
Paint	Polyester powder
Overall dimensions (LxDxH)	1000 x 1000 x 1000 mm
Operating temperature	-30 ° to +55 °C
IP rating	54

Boom length (m)	Passing width (m)	Weight (kg)	Arm rest
5.00	5.00	235	No
6.00	6.00	237	Yes
7.00	7.00	240	Yes
8.00	8.00	242	Yes
9.00	9.00	244	Yes
10.00	10.00	245	Yes
11.00	11.00	245	Yes
12.00	12.00	246	Yes

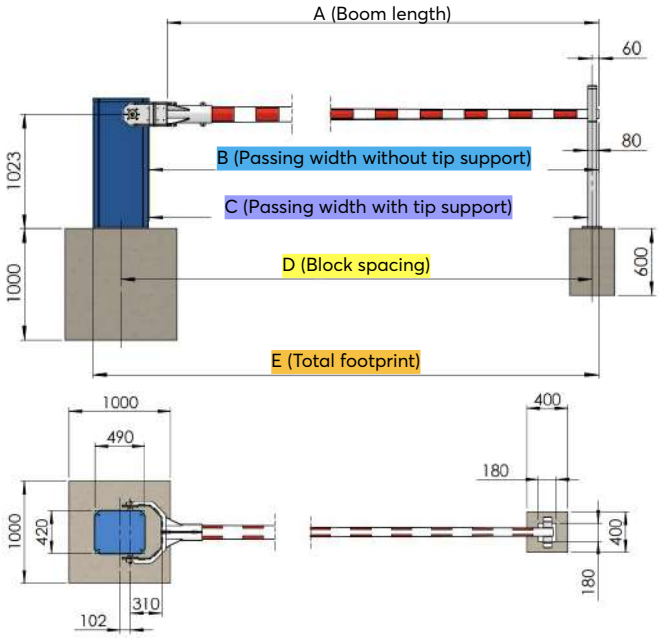
OPTIONS

Customisation
- Polyester paint (RAL choice)

Audible & visual signals
- Light boom
- Flashing lights on housing
- R24 lights on post
- Flashing light on boom
- Penetration lights
- R23 red and green lights on integrated post
- Signalling via standardised panels

Safety
- Infrared barrier
- Reflex cell
- Loop detector
- Single or double-direction virtual loop
- Ultrasonic detector
- Firefighter box - Button box
- Manual anti-shock rotation device
- Motorised rotation device
- Anti-vandalism pack
- Programmable Cardin S 449-433 MHz 1-channel radio receiver
- Adjustable tip support
- Electromagnetic lock on rest
- Adjustable pendulum support
- AVB rest
- Articulated low grid (GA)
- High protection grid (HP)
- Full-height flex grid (GTH/GT2H FLEX)
- Full-height grid (GTH/GT2H)
- LBA connect

INSTALLATION



Boom length **A** in mm	Passing width without tip support **B** in mm	Passing width with tip support **C** in mm	Block spacing **D** in mm	Total footprint **E** in mm	Open barrier height **H** in mm
A	A = B - 165	A = C - 65	A = D - 350	A = E - 660	A = H - 1,330

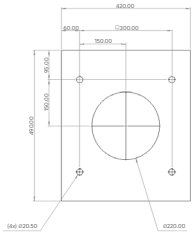
Power supply:
- ø63 mm janolene
- U-1000 RO 2V 3 x 2.5 mm2 cable

Remote control:
- ø40 mm green janolene
- 5 pair 9/10 core telephone cable

Arm rest connection:
- ø30 mm tube
- Infrared cell, magnetic plunger, etc.

Magnetic loop cable:
- ø30 mm tube
- Twisted pair loop cable

Sealing template + 4 mounting rods
- The template remains level in situ and must rest entirely on solid concrete
- Tip support base plate



LA BARRIÈRE AUTOMATIQUE

For more information, contact our teams on **+33 (0)4 78 86 02 86**
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DATE OF UPDATE: 05/05/2026