LBA 6

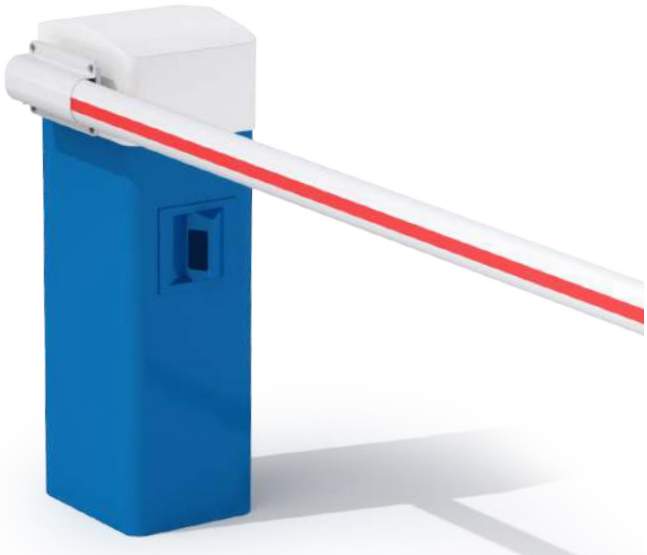
THE MOST RELIABLE BARRIER ON THE MARKET

BOOM BARRIER WITH LATERAL ARM UP TO 6 M

Variable speed, adjustable from 1 to 3.8 seconds	Continuous operation, 15,000 cycles/day	Fail safe or fail lock operation	Steel body protected by cataphoresis or aluminium	**Easy installation : Boom set by auto-learning**

STANDARD CHARACTERISTICS

- **Speed:** Variable from 1 second
- **Continuous and intensive operation:** 15,000 cycles/day
- **Boom:** Aliminium lateral oval arm 84x57mm from 2 to 6 m
- **Geared motor:** Three-phase / 230 V single-phase power supply
- **Spring:** Compression counterbalance spring
- **Housing:** Cataphoresis treated steel sheet with a Ronis 405 lock + Standard RAL 5015
- **Top cover:** 2 mm thick aluminium sheet with RAL 9010 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 PUBLIC & RESIDENTIAL SERVICES

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TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Irreversible or reversible for automatic lifting
Counterbalance	Compression spring + chain and sprocket
Boom	84x57 oval aluminium
Operating time	From 1 sec (variable depending on options)
MCBF (number of cycles)	10 million
MTBF (hours)	15,000
MTTR (average time to repair)	15 minutes
Maximum boom length	6 m
Emergency operation	- 11 turns of the handle and anti-restart system - Automatic opening system in the event of a power failure (optional)
Temperature control	Anti-condensation heating (if irreversible)
Paint	Polyester powder
Overall dimensions (LxDxH)	600 x 600 x 800 mm
Operating temperature	-30 ° to +55 °C
IP rating	54

Boom length (m)	Passing width (m)	Weight (kg)	Arm rest
2.00	1.70	58	No
3.00	2.70	59	No
4.00	3.70	61	No
5.00	4.70	62	Yes
6.00	5.70	64	Yes

OPTIONS

Fail safe opening in case of power failure

Customisation

- Polyester paint with a choice of colours (RAL to be defined)

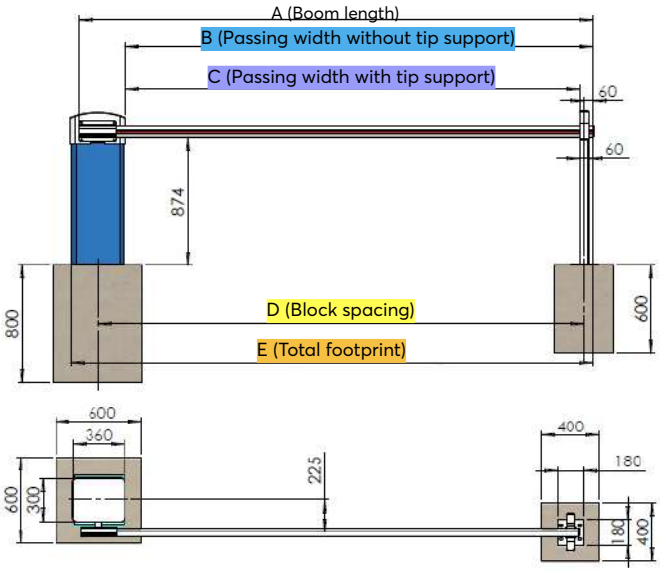
Audible & visual signals

- Illuminated bonnet with LED lights
- Illuminated boom
- Flashing lights on housing
- Flashing light on boom
- Red/green R23 lights on integrated post
- Signalling on standardised panels
- Forced opening alarm

Safety

- Infrared barrier
- Reflex cell
- Loop detector
- Ultrasonic detector
- Articulated arm
- Galvanised anti-corrosion housing
- LAPI
- Aluminium housing
- Firefighter box - button box
- Miss Screen compatible
- Manual anti-shock rotation device
- Internal anti-fraud locking system (reversible)
- Front unhinging device
- Rear unhinging
- Cardin S 449-433 MHz 1-channel programmable radio receiver
- Adjustable rest
- Electromagnetic locking on rest
- Adjustable pendulum support
- GA grid - GTH/GT2H grid - GTH/GT2H FLEX grid

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 + 310	A = C + 400	A = D +185	A = E - 60	A = H - 790

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

Link with arm rest post:

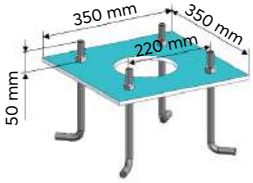
- ø30 mm tube
- Infrared cell, magnetic plunger, etc.

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
- Arm rest support base plate



LA BARRIÈRE AUTOMATIQUE

For more information, contact our teams on **+33 (0)4 78 86 02 86**
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