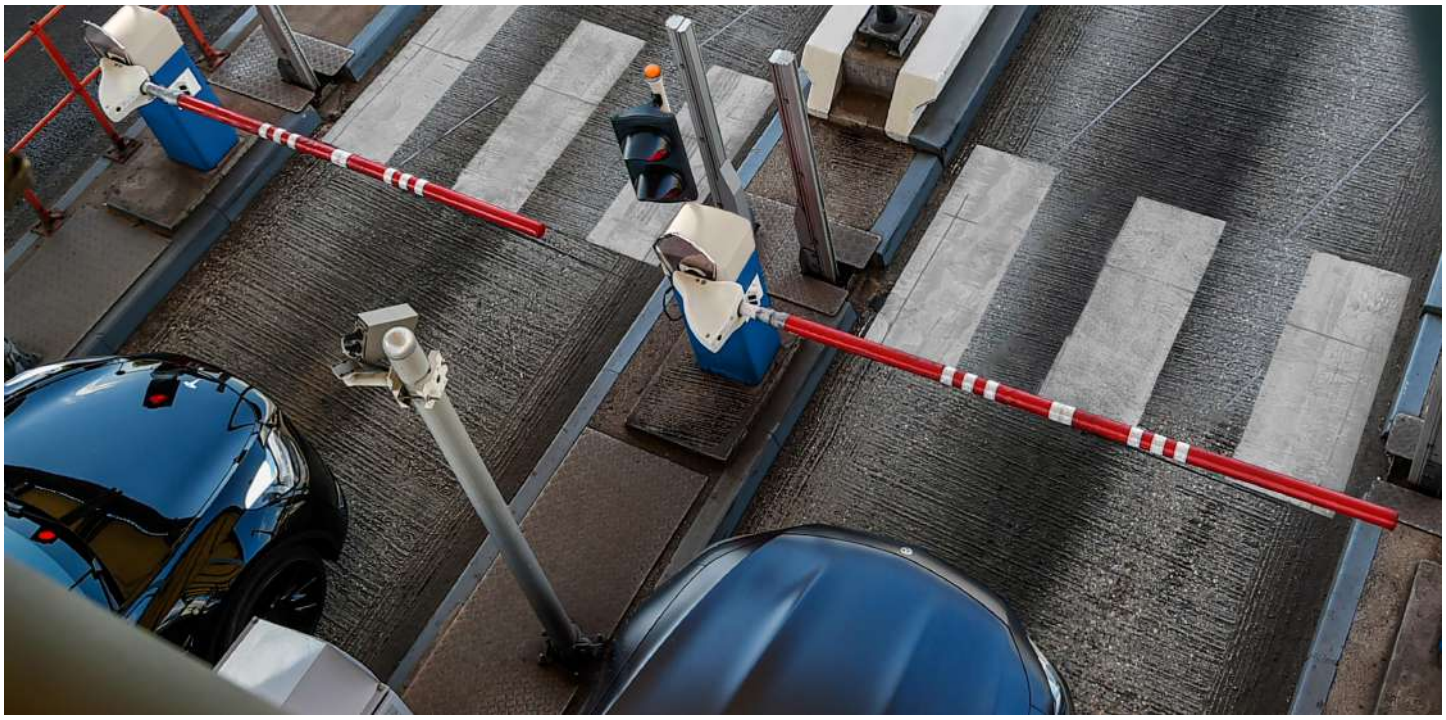
LBA 63 TOLL

THE WORLD'S LEADING TOLL BARRIER

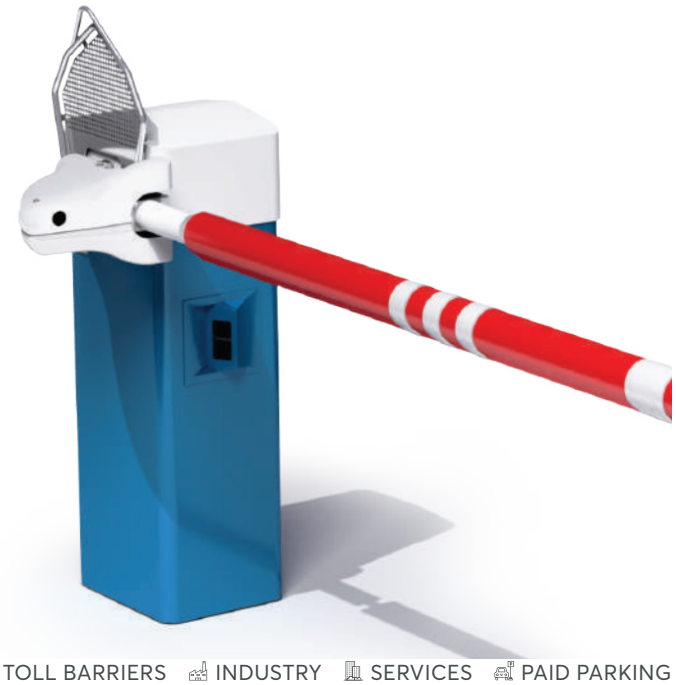
BOOM BARRIER WITH LATERAL ARM UP TO 3.5 m



Variable speed, adjustable from 0.6 to 1.2 seconds	Continuous and intensive operation, 20,000 cycles/day	**Carbon boom designed to absorb vehicle impacts**	Tool-free boom replacement in less than 1 minute	Front anti-rebound automated and controlled rehinging system

STANDARD CHARACTERISTICS

- **Variable speed:** Adjustable from 0.6 seconds
- **Continuous and intensive operation:** 20,000 cycles/day
- **Boom:** Ø 85 mm carbon, length up to 3.5 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
- **Release system:** Automated controlled anti-rebound & rehinging



TOLL BARRIERS INDUSTRY SERVICES PAID PARKING

LBA 63 TOLL

TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Reversible
Counterbalance	Compression spring + chain and sprocket
Boom	Ø 85 mm carbon + foam Option: Flex boom
Operating time	From 0.6 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	3.5 m
Emergency operation	Fail safe open in the event of a power failure
Paint	Polyester powder
Overall dimensions (LxDxH)	600 x 600 x 800 mm
Operating temperature	-30 ° to +55 °C
IP rating	54

OPTIONS

Customisation

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

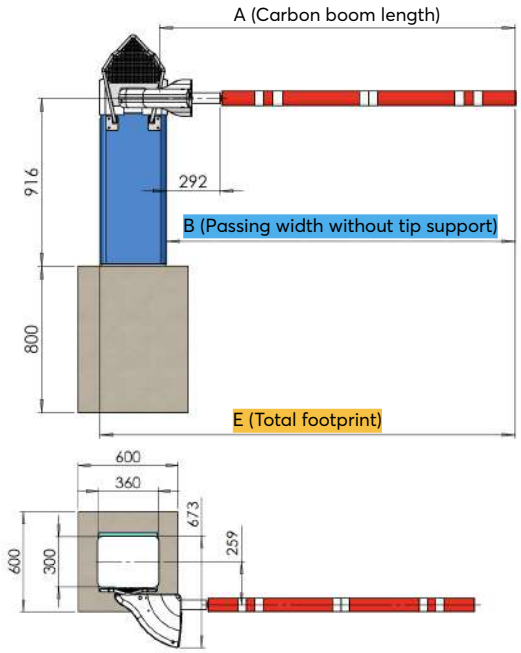
Audible & visual signals

- LED light strip cover
- Flashing lights on the housing
- Flashing light on the boom
- Penetration lights
- R23 red and green lights on integrated post
- 'No pedestrians' sign screen-printed on the boom cover
- Siren when passage is violated

Safety

- Infrared barrier
- Reflex cell
- Loop detector
- Single and double virtual loops
- Ultrasonic detector
- Galvanised anti-corrosion body
- Aluminium housing
- LAPI
- Firefighter box - Button box
- Miss Screen compatible
- Manual anti-shock rotation device
- Internal anti-fraud locking (reversible)
- Front unhinging device
- Cardin S 449-433 MHz 1-channel programmable radio receiver
- LBA Connect

INSTALLATION



Boom length **A** in mm	Passing width without tip support **B** in mm	Total footprint **E** in mm	Open barrier height **H** in mm
	A = B + 140	A = E - 325	A = H - 1060

Power supply:

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

Remote control:

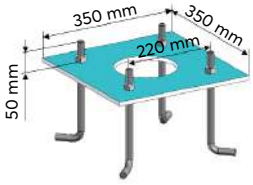
- ø40 mm green janolene
- 5 pair 9/10 core telephone cable

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



LA BARRIÈRE AUTOMATIQUE GROUP LBA

For more information, contact our teams on **+33 (0)4 78 86 02 86** or at **contact@onlylba.com** or go to **www.grouplba.com**

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