LBA 63 TOLL FLEX

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

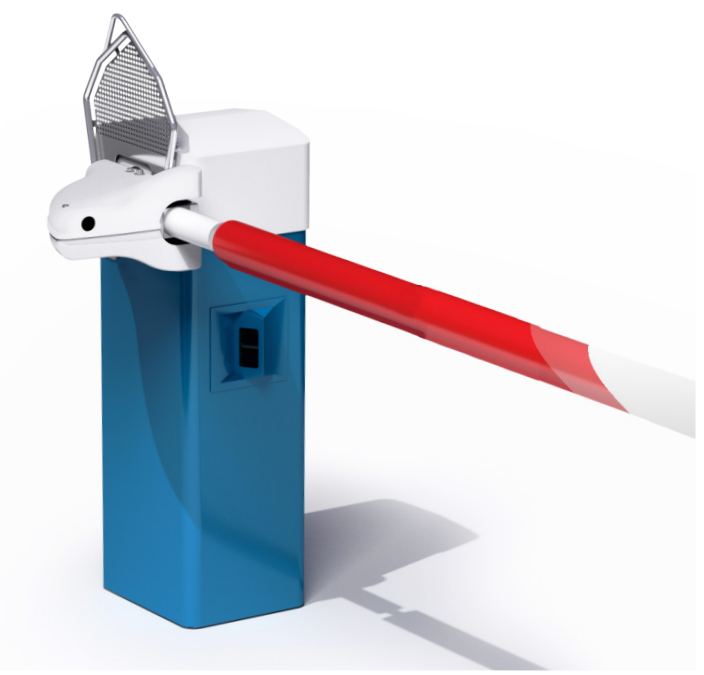
Unique patented boom, tested by more than 1200 impacts without breaking cetim

Automated controlled front anti-rebound release and automatic and controled rehinging system

Tool-free boom replacement in less than 1 minute

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 control board comprising:** Power supply, PLC, frequency converter, SD card, RJ45 (Modbus)
- **ONE-SENSE sensor:** Automatic motor management and control
- **Release system:** Automated controlled anti-rebound & rehinging



TOLL BARRIERS INDUSTRY SERVICES PAID PARKING

LBA 63 TOLL FLEX

TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Reversible
Counterbalance	Compression spring + chain and sprocket
Boom	Shock absorbing flex arm tested with 1200 impact without breacking Other option: Ø 85 mm carbon + foam
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	3.8 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)

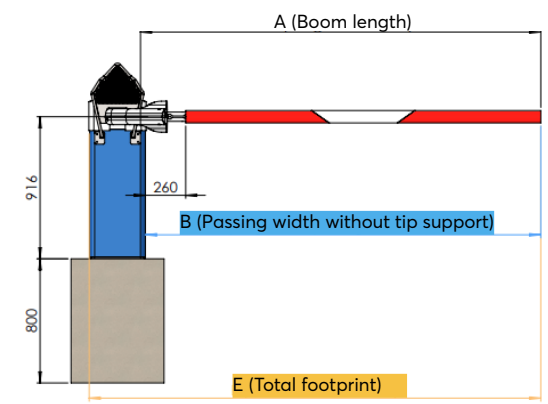
Audible & visual signals

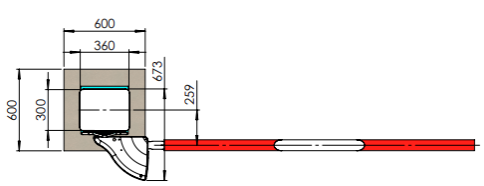
- LED strip light cover
- Flashing lights on the housing
- Flashing light on the boom
- Penetration lights
- Red and green R23 light on integrated post
- 'No pedestrians' sign screen-printed on the boom cover
- Siren when the barrier is breached
- LED cover

Safety

- Infrared barrier
- Reflex cell
- Loop detector
- Single or double-direction virtual loop
- Ultrasonic detector
- Galvanised anti-corrosion bodywork
- LAPI
- Aluminium bodywork
- Firefighter box - Button box
- Miss Screen compatible
- Manual anti-shock rotation device
- Internal anti-fraud lock (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:

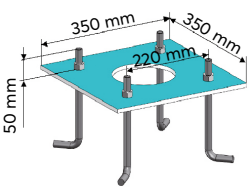
- ø40 mm green janolene
- 5 pair 9/10 core telephone cable

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

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