

# 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:** Cathaphoresis 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



## 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)

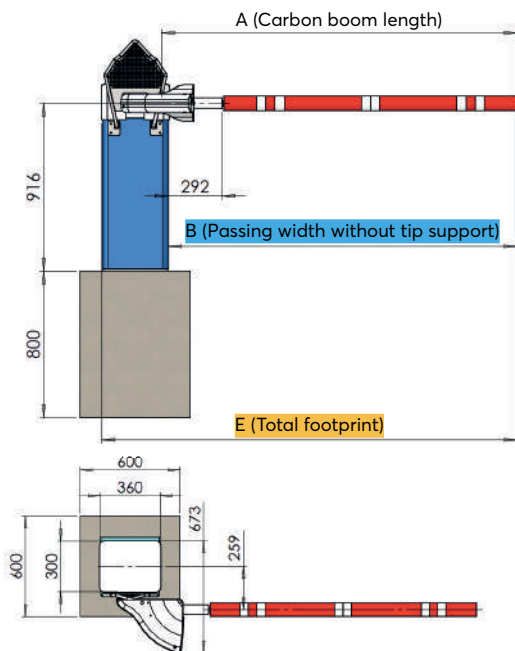
### Audible & visual signals

- 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 mm<sup>2</sup> 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

