

# LBA 63 PK

## THE LEADING PAID PARKING BARRIER

### BOOM BARRIER WITH ARTICULATED ARM UP TO 3.8 M



Variable speed,  
adjustable  
From 0.8 to  
2.4 seconds

Continuous and  
intensive operation,  
15,000 cycles/day

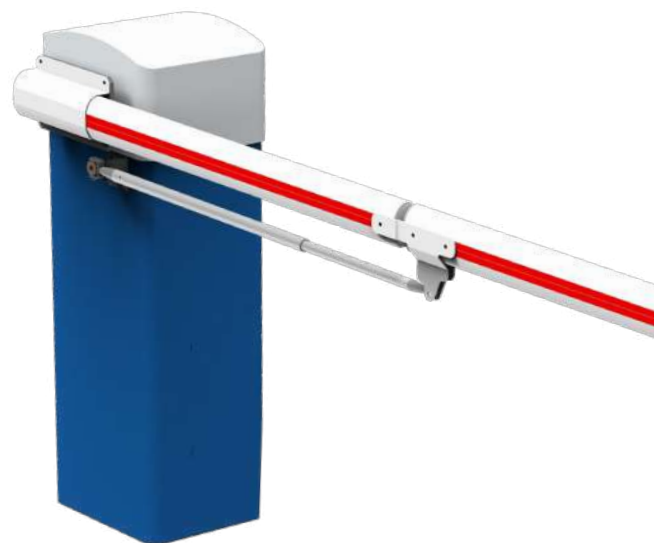
**Articulated boom,  
adjustable on site without  
prior measurement for  
underground car parks**

Arm ejection or  
release on impact  
option

Fail safe open in case  
of power failure.  
Automatic re-opening  
on impact

## STANDARD CHARACTERISTICS

- **Speed:** Variable From 0.8 seconds
- **Continuous and intensive operation:** 15,000 cycles/day
- **Boom:** Ø 85 mm articulated or straight lateral aluminium, length up to 3.80 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 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



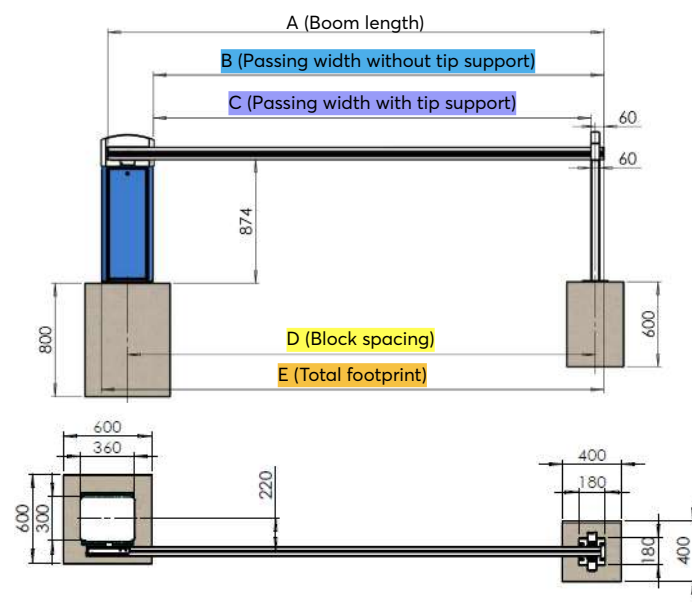
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## TECHNICAL SPECIFICATION

Power supply	230 V
Consumption	0.18 kW three-phase motor
Geared motor	Reversible
Counterbalance	Compression spring + chain and sprocket
Boom	84x57 mm aluminium boom Flex boom Articulated boom and/or Foam-padded boom
Operating time	From 0.8 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

Boom length (m)	Passing width (m)	Weight (kg)	Arm rest
2.00	1.70	58	No
3.00	2.70	59	No
3.40	3.10	59	Yes
3.80	3.50	60	Yes

## 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

## OPTIONS

### Customisation

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

### Audible & visual signals

- LED light strip hood
- Light boom
- Flashing lights on housing
- Flashing light on light boom
- Penetration lights
- Red and green R23 light on integrated post
- Standardised signage
- Siren on passage violation
- Miss Screen compatible

### Safety

- Infrared barrier
- Reflex cell
- Loop detector
- Single and double-direction virtual loops
- Ultrasonic detector
- Articulated barrier arm
- Automatic lifting in the event of power failure
- Galvanised anti-corrosion housing
- Aluminium bodywork
- LAPI
- Firefighter box - Button box
- Manual anti-shock rotation device
- Internal anti-fraud locking (reversible)
- Rear unhinging
- Cardin S 449-433 MHz 1-channel programmable radio receiver
- Adjustable rest
- Electromagnetic locking on rest
- Adjustable tip support
- LBA Connect

### 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

### 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

