

ProBG3000

High Vehicle Barrier



High Speed, Reliability, Design, Security and Excellent Performance

PROBG3000 is the series of vehicle barriers that brings together each and every one of these characteristics. Its design is the first of its kind to adopt the use of high-performance Servo Motor in its mechanism, which provides a simple and reliable structure with a long life cycle, which also reduces the need for maintenance to a minimum and includes a base. anti-collision anchor for the boom that prevents breakage when receiving an impact.



Characteristic

- Elegant design with LED lighting in the cabinet. with lighted and non-lighted arm options available
- Up to 5 million cycles before severe failure and a Lifespan of up to 10 million cycles.
- Opening speed available in 0.9, 2.5 and 3 seconds depending on the length of the mast.
- Its design is suitable for working in extreme environments. Withstands operating temperatures from -40° C to 8
- Motor designed for continuous use with a minimum of ru wear and temperature.
- Manual opening in case of power failure.
- High safety design in obstacle detection, in functions of reopening / emergency stop and it is complete with rubber sensors for the mast.
- The change of direction of the barrier can be configured in the field.
- Built-in fleet mode to allow the passage of multiples without the need to close the barrier between each one. The b counts how many authorized accesses it receives and waits for one of them before closing.
- Flexible power supply voltage, from 110 Vac to 24. Its design with 24 Vdc ServoMotor allows the use of re-battery.
- Low energy consumption, save up to 500 Wh annually

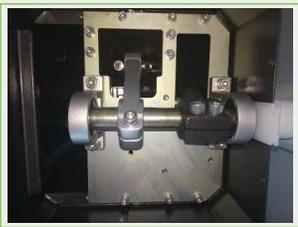


DESCRIPTION DETAILED



DC 24V servo motor

- Integrated gearmotor and electronics.
- Silent
- oil free
- Free of maintenance. Long life cycle;
- Highly efficient and precise transmission
- Minimal heating even in continuous cycle work environments.



transmission structure

- Simple and efficient with a low failure rate.
- Key free design prevents wear and tear and future problems.
- Ductile iron in the base for increased durability.



Panel of control

- Fully digital technology.
- Withstands extreme working temperatures of up to 125° C.
- Fault self-diagnosis function with alert system.



spring balanced

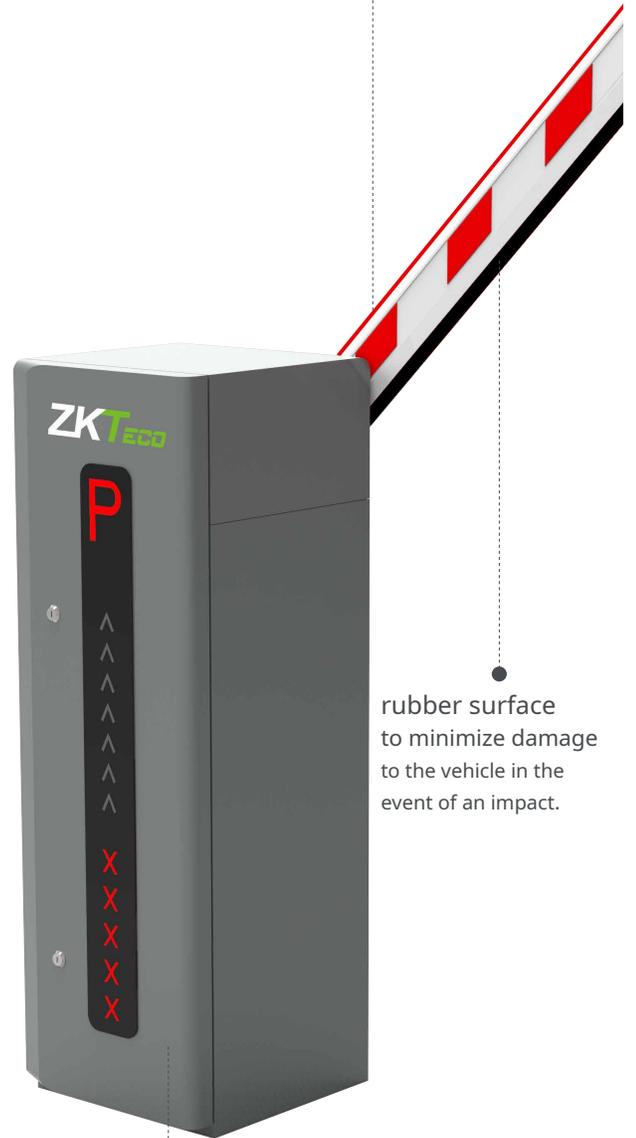
- Highly durable and efficient;
- Installer-friendly structural design, facilitates adjustment and balancing of the mechanism;



Folding base in case of impact

- Integrated anti-collision system
- When a vehicle hits the mast, this base prevents severe damage to the vehicle and the arm.

Optional illuminated mast, the color of the LED strip can change (red/ green) according to the status of the barrier



rubber surface to minimize damage to the vehicle in the event of an impact.

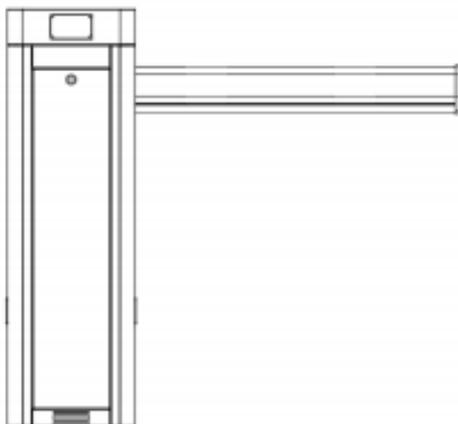
LED indicators that change color depending on the status of the barrier.

specs

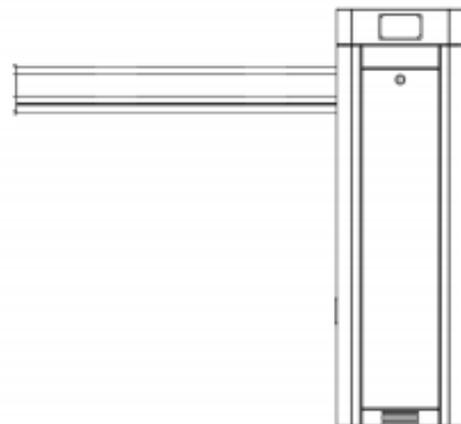
Model	ProBG3000	ProBG3100
Type of motor	servo-motor	
Mast Type	Straight Neck	90° Articulated Mast
Mast Length	Options in 3m / 4.5m / 6m (adjustable)	3m
Protection Level	IP65	
Operating Temperature	-40°C ~ +75°C	
Operating voltage	120 ~ 240Vac, 24Vdc Motor	
Frequency	50 - 60Hz	
Power Consumption	100W	
Cabinet material	baked paint	
Cabinet Dimensions	360x330x1000mm	
Net weight	48kg	

Model	Mast length (meters)	Opening speed (s)	Mast with LED lighting
ProBG3030L/R	3m	0.9s	N
ProBG3045 L/R	4.5m	2.5s	N
ProBG3060 L/R	6m	4.5s	N
ProBG3030 L/R-LED	3m	0.9s	yes
ProBG3045 L/R-LED	4.5m	2.5s	yes
ProBG3060 L/R-LED	6m	4.5s	yes
ProBG3130L/R	3m	0.9s	N
ProBG3130 L/R-LED	3m	0.9s	yes

NOTE:



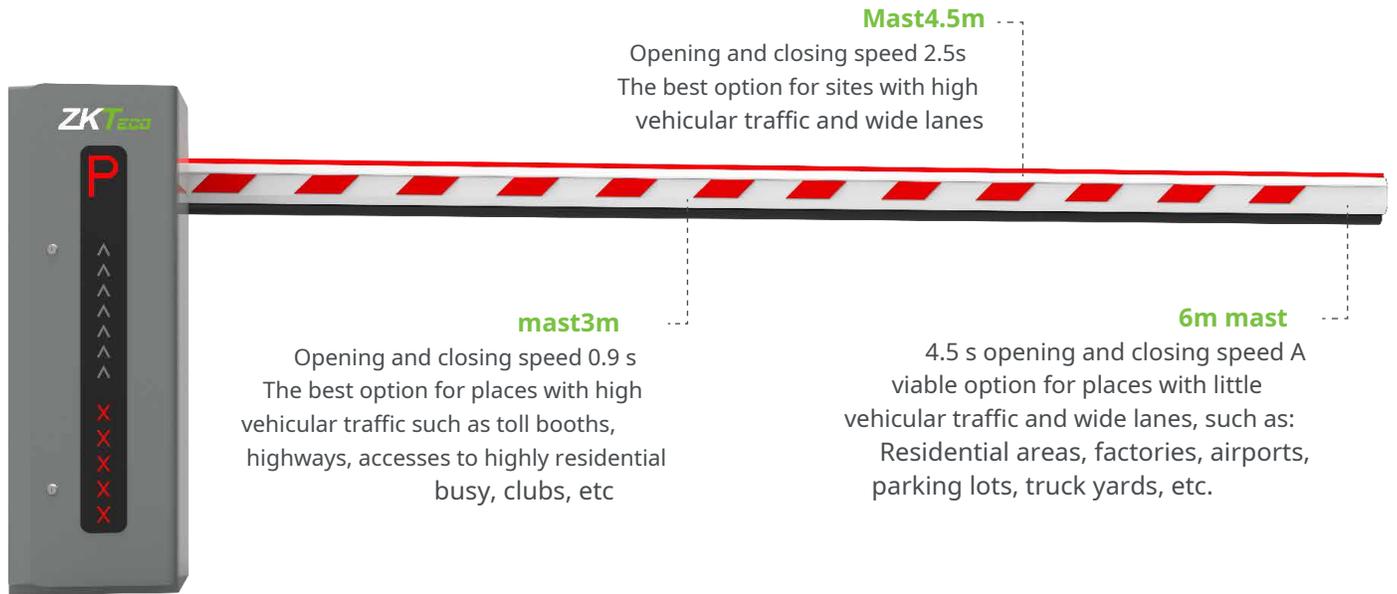
L: Cabinet installed on the left side. The mast goes down to the right side



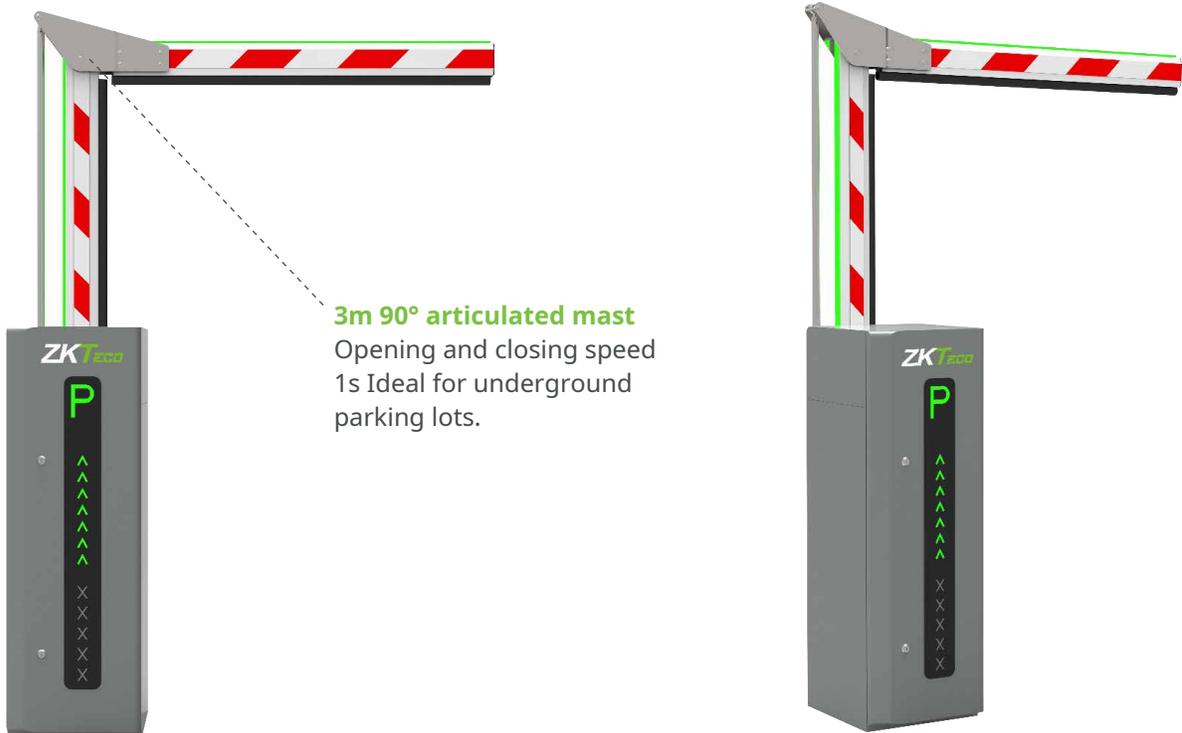
A: Cabinet installed on the Right side. The mast goes down to the left side

Applications

ProBG3000 series



ProBG3100 Series



Related products



UHF antennas



Bluetooth Readers



license plate recognition
LPR



ZKBiosecurity software platform

