










# VEHICLE BARRIERS

## **AXpark** PERFORMANCE

P1300 → | max. 3.5 m | ← 

P4000 → | max. 7.0 m | ←   

## **AXgate** PERFORMANCE

P6000 → | max. 8.5 m | ←   

- HIGHLY RELIABLE
- ROBUST, ELEGANT DESIGN
- RANGE OF FUNCTIONS FOR FLEXIBILITY
- COST-EFFECTIVE CONCEPT
- LOW RUNNING COSTS
- OUTSTANDING COST-BENEFIT RATIO
- STATE-OF-THE-ART TECHNOLOGY
- GOOD CONNECTIVITY VIA ETHERNET TCP/IP, W-LAN
- STAINLESS STEEL HOUSING

[bg-drives.com](https://bg-drives.com)

For your access

**BG DRIVES**

# BG DRIVES

## FOR YOUR ACCESS





## AXpark PERFORMANCE - AXgate PERFORMANCE

**AXpark** and **AXgate** PERFORMANCE barriers are allrounders suitable for a variety of applications, such as parking lots, parking garages, company premises, gated communities or all other areas where reliable control of vehicle access is desirable.

### CONTROLLED ACCESS TO:

PARKING GARAGES

PARKING LOTS

RESIDENTIAL AREAS

PUBLIC AMENITIES

COMPANIES

HOSPITALS

LOADING AREAS

PORTS

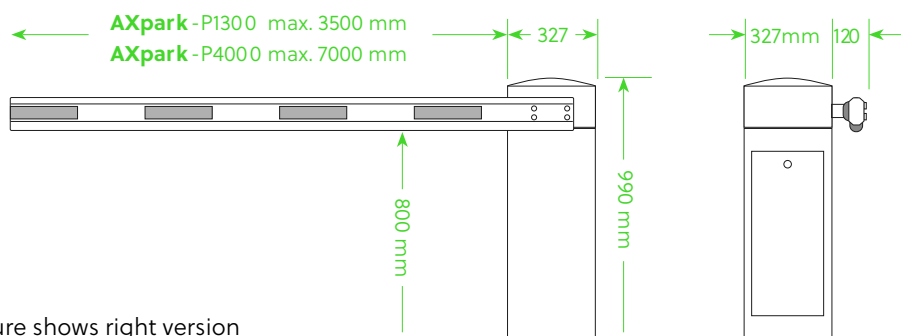
**AXpark** and **AXgate** generation of barriers from BG Drives has been developed for today's environment. Its state-of-the-art technology and rugged design offer you a range of functions and an excellent cost-benefit ratio.

Very fast opening times of as little as 1.3 seconds make the **AXpark** and **AXgate** the perfect solution for use in highly frequented parking garages. It can be installed with boom lengths of up to 7 meters, so that even very wide vehicle entrances can be controlled by this flexible system.

**AXpark** and **AXgate** barriers are provided with various interfaces to work with present and future control technologies, so that the barrier can be operated remotely using protocols such as Ethernet TCP/IP.

Up-to-date controls, a robust mechanism and a low-wear, heavy-duty servo drive are all combined in a barrier of the best possible quality. Its extremely low power consumption and minimum maintenance costs complete the picture.

# DIMENSIONS



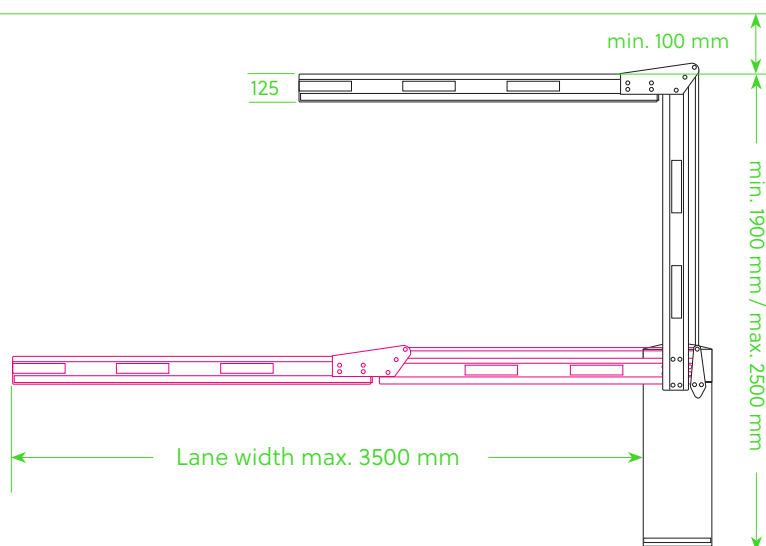
Picture shows right version

**AXpark PERFORMANCE**  
Version with barrier boom at left or right

**AXpark -P1300-SL-100**  
**AXpark -P1300-SR-100**

**AXpark -P4000-SL-100**  
**AXpark -P4000-SR-100**

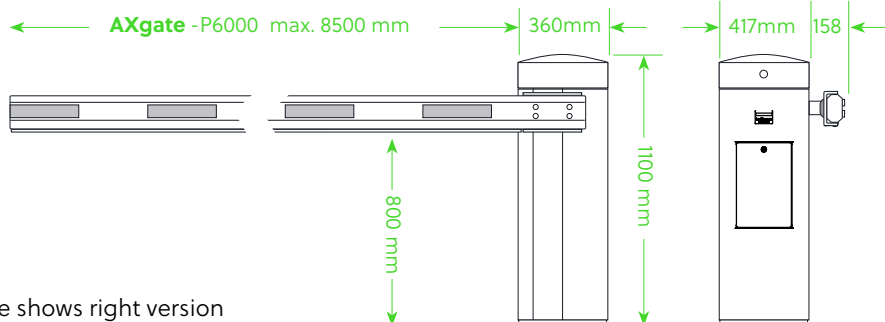
Ceiling



**AXpark PERFORMANCE**  
Version with articulated boom

**AXpark -P1300**  
The articulated booms in the **AXpark** series are the ideal solution for locations with restricted ceiling height. They are designed for sturdiness and a high number of operating cycles, thus offering reliable operation in highly frequented parking garages.

Other dimensions on request



Picture shows right version

**AXgate PERFORMANCE**  
Version with barrier boom at left or right

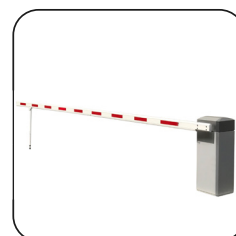
**AXgate -P6000-SL-100**  
**AXgate -P6000-SR-100**

# TECHNICAL DATA

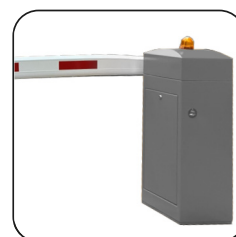
Technical data	AXpark PERFORMANCE P1300	AXpark PERFORMANCE P4000	AXgate PERFORMANCE P6000
Description	Barriers with lane width up to 3.5 m. Opening and closing speed can be set to 1.3 s, 1.8 s and 2.5 s.	Barriers with lane width up to 7.0 m. Opening and closing speed can be set to 4 s, 6 s and 8 s.	Barriers with lane width up to 8.5 m. Opening and closing speed can be set to 6 s, 8 s and 12 s.
Lane width	up to 3.5 m	up to 7.0 m	up to 8.5 m
Actuation time	1.3 s / 1.8 s / 2.5 s	4 s / 6 s / 8 s	6 s / 8 s / 12 s
Power consumption	max. 90 W	max. 25 W	max. 25 W
Ingress protection	IP 54		
Weight	approx. 50 kg		approx. 120 Kg
Dimensions (W×D×H)	327x327x990 mm		360x417x1100 mm
Specified opening/-closing cycles	10 Mio.		5 Mio.
Duty cycle	100%		
Wind load class*	4	3 resp. 4	4
Temperature range	-30 to +55 °C		
Power supply	100 - 240 V AC; 50-60 Hz		
Drive unit	BG ServoDrive		
Drive voltage	Protective low voltage 24 V DC		



Laser Sensor



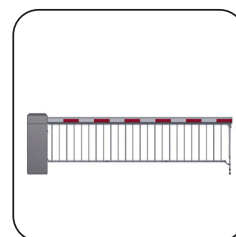
Support post, Pendulum support



Warning light (on top cover)



Control columns



Boom skirt

\* The wind load class is reduced when using accessories on the barrier boom.  
(All data is provided to the best of our knowledge and awareness and is subject to error and amendment.)

## SCOPE OF SUPPLY

The barriers are supplied complete with all functions and the integrated 2-channel loop detector included

# OPTIONAL ACCESSORIES

Optional Accessories	AXpark PERFORMANCE P1300	AXpark PERFORMANCE P4000	AXgate PERFORMANCE P6000
Pendulum support	○	●	●
Support post	●	●	●
Boom locking set	●	●	●
LED boom lights, red	●	●	●
LED light strips, red / green	●	●	●
Boom drop contact	●	●	○
Warning light (on top cover)	●	●	●
Key switch & firefighters' switch	●	●	●
Version with articulated boom	●	○	○
Boom skirt	○	●	●
1-channel loop detector, external	●	●	●
2-channel loop detector, external	●	●	●
Heater set, incl. thermostat	●	●	●
Additional mounting plate	●	●	●
Control columns	●	●	●
Laser sensor	●	●	●

## SPECIFICATIONS

Standard colors:  
Housing: RAL 9006  
Top cover: RAL 9007

Customized colors on request

Multifunctional control unit:  
GC1-500A

Configuration tool for PC

2-channel loop detector

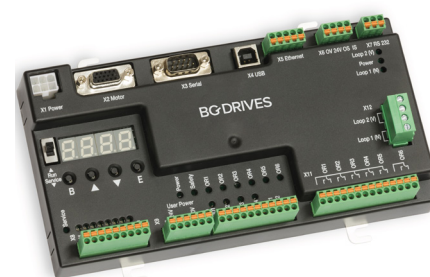
Inputs: 8 × digital

Outputs:  
6 × semiconductor outputs  
6 × relay outputs

The functions of the inputs and  
outputs can be assigned at will.

Interfaces:

- Ethernet
- RS232
- CAN





# BARRIERS & PEDESTRIAN GATES

## EFFICIENTLY CONTROLLED ACCESS

BG Drives in Germany develops and manufactures high quality systems for the efficient, economical and fast control of access by persons and vehicles. Our team has been engaged for over 25 years in the production of access control systems for pedestrians and road vehicles. The area of barrier and gate drive units and their control circuitry represents a particular core competence of our specialists.

Our products are designed and manufactured for use on demanding duties in continuous operation with heavy pedestrian and vehicle traffic. All our systems have been developed to provide a long service life with minimized power consumption.

**We gladly offer our support and services worldwide in planning and implementing your access control projects.**

**Your needs become our challenge — why not give us a call?**



# RUGGED FUNCTIONAL ENDURING

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For your access

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