



*for your access*

Boom barriers

**AXpark PERFORMANCE**

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

MADE IN GERMANY



**AXpark PERFORMANCE**

**CONTROLLED ACCESS TO:**

PARKING GARAGES

PARKING LOTS

RESIDENTIAL AREAS

PUBLIC AMENITIES

COMPANIES

HOSPITALS

LOADING AREAS

**AXpark PERFORMANCE** barriers are all-rounders 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.

The **AXpark** 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** the perfect solution for use in highly frequented parking garages. It can be installed with boom lengths of up to 6 meters, so that even very wide vehicle entrances can be controlled by this flexible system.

**AXpark** 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.

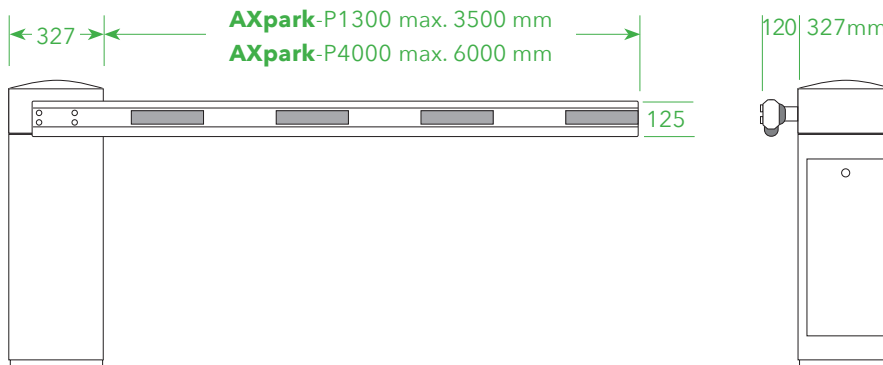
Up-to-date controls, a robust mechanism and a low-wear, heavy-duty servo drive are all combined in a barrier of the best possible quality. Its extremely low power consumption and minimum maintenance costs complete the picture.



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## Dimensions

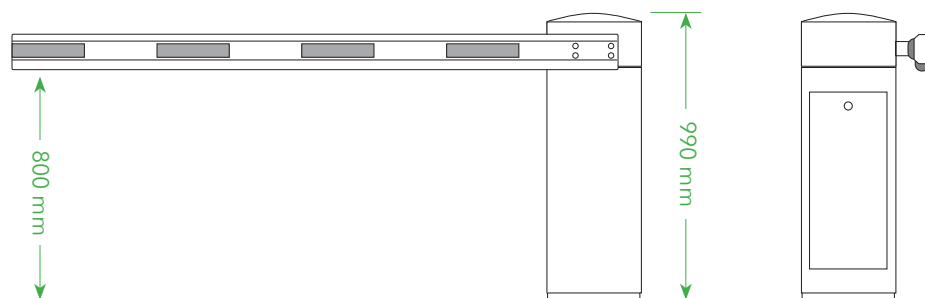
### AXpark PERFORMANCE



Version with barrier boom at left

**AXpark-P1300-SL-100**

**AXpark-P4000-SL-100**

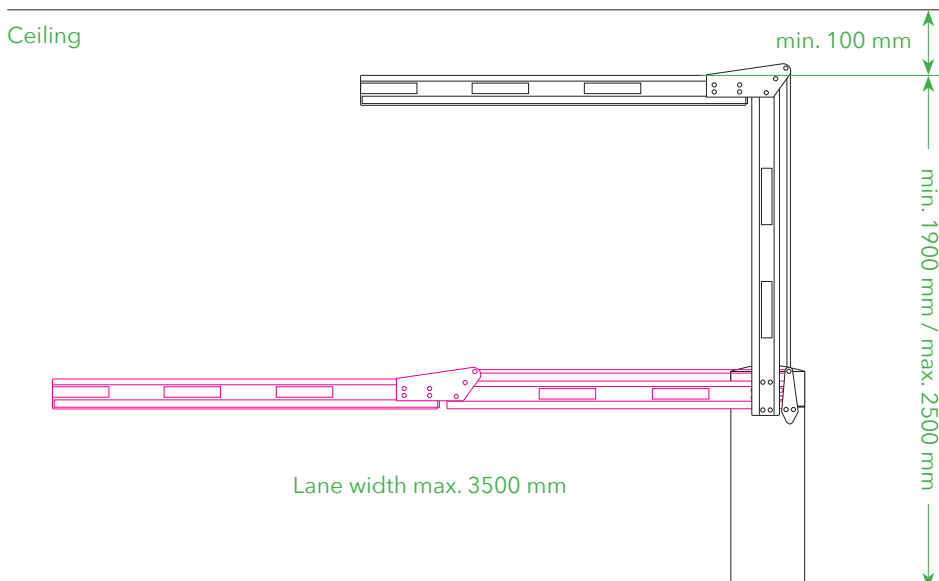


Version with barrier boom at right

**AXpark-P1300-SR-100**

**AXpark-P4000-SR-100**

Ceiling



Version with articulated boom

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.



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## Technical data

### AXpark PERFORMANCE

**AXpark PERFORMANCE P1300** barriers with an actuation time of 1.8 s or 1.3 s for lane widths up to 3.5 m

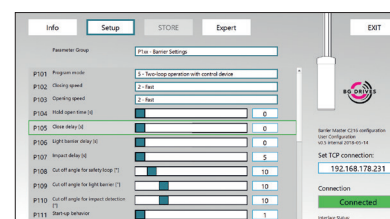
**AXpark PERFORMANCE P4000** barriers with an actuation time of 4.0 s for lane widths up to 6.0 m

Technical data	AXpark P1300 Universal	Parking	AXpark P4000 Universal
Lane width	up to 3,5 m	up to 3,5 m	up to 6 m
Actuation time	1,8 s	1,3 s	4,0 s
Power draw	max. 30 W	max. 90 W	max. 25 W
Power supply	100 - 240 V AC; 50-60Hz		
Ingress protection	IP 54		
Temperature range	-30 bis +55 °C		
Power-on time	100%		
Dimensions (W×D×H)	327x327x990 mm		
Weight	approx. 50 Kg		
Drive unit	BG ServoDrive		
Drive voltage	Protective low voltage 24 V DC		

(All data is provided to the best of our knowledge and awareness and is subject to error and amendment. )

### 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 (on printed circuit board):
  - Ethernet
  - RS-232
  - CAN

### Scope of supply

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



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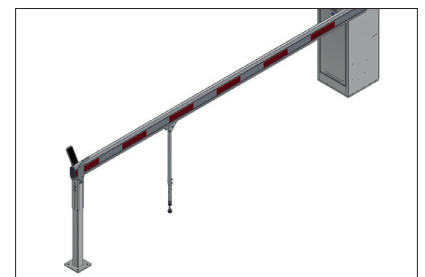
## Optional accessories

### AXpark PERFORMANCE

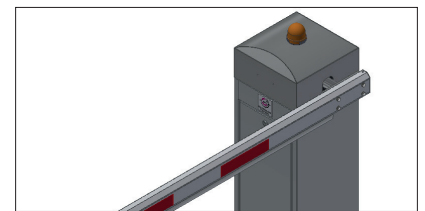
**AXpark PERFORMANCE P1300** barriers with an actuation time of 1.8 s or 1.3 s for lane widths up to 3.5 m

**AXpark PERFORMANCE P4000** barriers with an actuation time of 4.0 s for lane widths up to 6.0 m

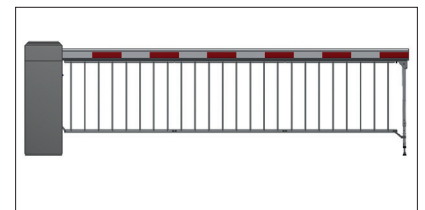
Accessories	AXpark P1300	AXpark P4000
Pendulum support	○	●
Support post	●	●
Boom locking set	●	●
LED boom lights, red	●	●
LED light strips, red / green	●	●
Boom drop contact	●	●
Warning light (on top cover)	●	●
Key switch & firefighters' switch	●	●
Articulated boom for parking garages	●	○
Boom skirt	○	●
1-channel loop detector, external	●	●
2-channel loop detector, external	●	●
Heating, incl. thermostat	●	●
Additional mounting plate	●	●
Control terminals	●	●



Support post, Pendulum support



Warning light (on top cover)



Boom skirt



Control terminals



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## Development and manufacture: Made in Germany

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?**

## Barriers & pedestrian gates

Efficiently controlled access

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