

BGD BARRIERS

BGD BARRIERS are all-round barriers with a wide range of applications such as parking lots, parking garages, company entrances, residential complexes or other areas where reliable regulation of vehicle traffic is essential.

PARKING GARAGES

PARKING LOTS

RESIDENTIAL COMPLEXES

COMMUNES

COMPANIES

HOSPITALS

CHARGING ZONES

HARBORS

SPORTS GROUNDS

BGD BARRIERS from BG Drives have been developed according to the latest standards and needs. Their pioneering technology and robust design offer high functionality and an outstanding price-performance ratio.

Very fast opening times of up to 1.3 seconds make them the perfect solution for use in high-traffic car parks. Barrier widths of up to 8.5 meters enable universal and flexible application even with very wide access roads.

BGD BARRIERS are prepared for a wide range of control technologies thanks to various interfaces and allow for the barrier to be operated via Ethernet TCP/IP.

State-of-the-art control technology, robust mechanics and a low-wear, heavy-duty servo drive offer barriers of the highest quality. The very low energy consumption and maintenance costs round off the performance profile.

- High reliability
- Robust and elegant design
- Flexible and high functionality
- Great economic efficiency
- Low operating costs
- State-of-the-art technology
- Good networkability thanks to Ethernet TCP/IP



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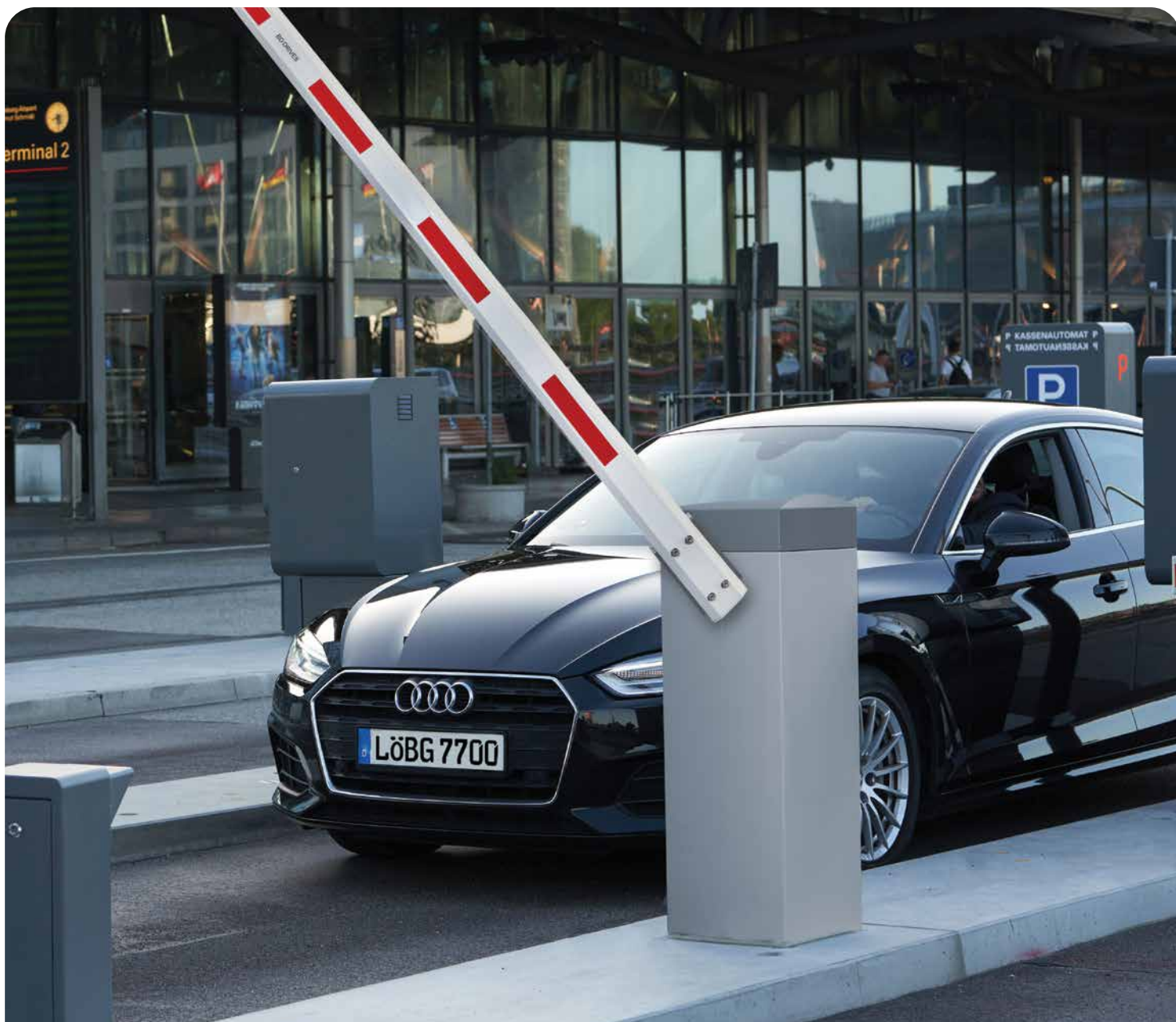
100%
STAINLESS
STEEL

MADE IN GERMANY

bg-drives.com

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BG DRIVES






BARRIERS

/EN

BGD BARRIER P1300 | max. 3,5 m | 

BGD BARRIER P4000 | max. 7,0 m |   

BGD BARRIER P6000 | max. 8,5 m |   

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BG DRIVES

TECHNICAL DATA

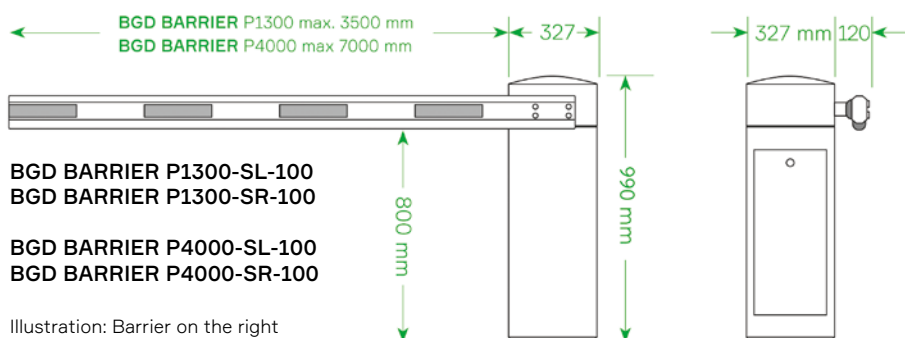


Illustration: Barrier on the right

Barrier as left or right version available

BGD BARRIER P1300 BGD BARRIER P4000

Both models offer fast opening times, flexible barrier widths and future-proof control systems. TÜV-tested, they fulfill highest safety standards and are ideal for parking garages, industry and trade.

Ceiling

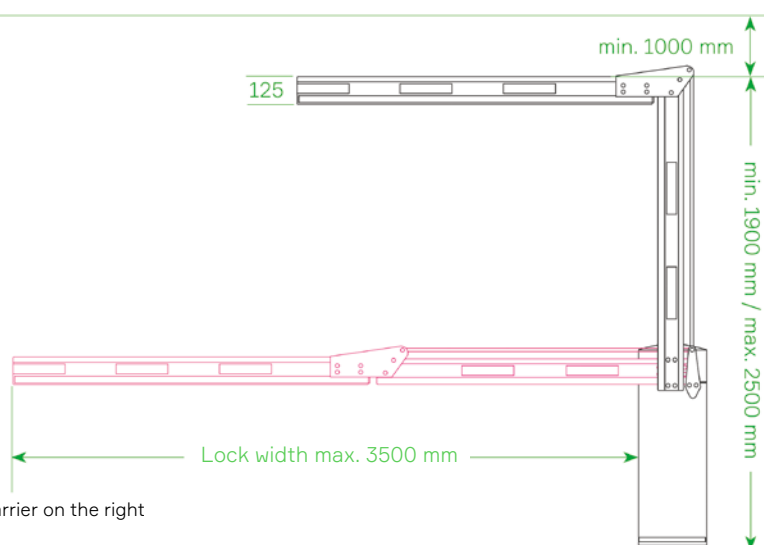


Illustration: Barrier on the right

Articulated arm

BGD BARRIER P1300

For use in low room heights, the **BGD BARRIER** bent arm series is the ideal solution. Designed for a very high number of cycles, the robust design ensures reliability in highly frequented parking garage applications. Special lengths on request.

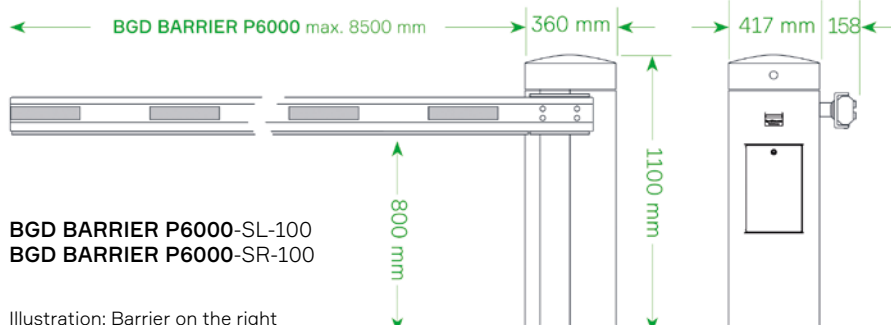


Illustration: Barrier on the right

Barrier arm left or right

BGD BARRIER P6000 is the robust solution for wide drive-ways, offers maximum functionality, future-proof networking and fulfills all European safety standards.

TECHNICAL DATA

Technical Data	BGD BARRIER P1300	BGD BARRIER P4000	BGD BARRIER P6000
Description	Barriers with a barrier width of up to 12 ft. The running time can be set between 1.3 s, 1.8 s and 2.5 s.	Barriers with a barrier width of up to 20 ft. The running time can be set between 4 s, 6 s and 8 s.	Barriers with a barrier width of up to 28 ft. The running time can be set between 6 s, 8 s and 12 s.
Barrier width	up to 3.5 m	up to 7.0 m	up to 8.5 m
Adjustable running 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
Protection class	IP 54	IP 54	IP 54
Weight	ca. 50 Kg	ca. 50 Kg	ca. 120 Kg
Dimensions (LxWxH)	327x327x990 mm	327x327x990 mm	360x417x1100 mm
Specified number of cycles	10 Mio.	10 Mio.	5 Mio.
Duty cycle	100%	100%	100%
Wind load class*	4	3 / 4	4
Temperature range	-30 bis +55 °C	-30 bis +55 °C	-30 bis +55 °C
Power supply	100 – 240 V AC; 50 – 60 Hz	100 – 240 V AC; 50 – 60 Hz	100 – 240 V AC; 50 – 60 Hz
Drive	BG ServoDrive	BG ServoDrive	BG ServoDrive
Drive voltage	Safety extra-low voltage 24 V DC	Safety extra-low voltage 24 V DC	Safety extra-low voltage 24 V DC



Laser sensor



Support post, pendulum support



Warning light



Control columns






















































Barrier skirt

* The wind load is reduced when using accessories on the barrier arm.
(All information is subject to errors and changes.)

SCOPE OF DELIVERY

The barriers are supplied with full functionality and an integrated 2-channel detector.

OPTIONAL EQUIPMENT

Accessories	BGD BARRIER P1300	BGD BARRIER P4000	BGD BARRIER P6000
Pendulum support			
Post support			
Arm lock			
LED arm light red			
LED light strip red / green			
Arm drop contact			
Warning light (mounted on canopy)			
Key & fire department switch			
Articulated arm for parking garages			
Barrier skirt			
1 channel external loop detector			
2 channel loop detector external			
Fan heater set incl. thermostat			
Additional mounting plate			
Control columns			
Lasor sensor			
Radar sensor			

PERFORMANCE FEATURES

- **Standard colors**
 - Housing RAL9006
 - Cover RAL9007
- **100% stainless steel**
- **Multifunctional control unit**
- **Configuration tool for PC**
- **2-channel loop detector**
- **Special colors on customer request**
- **Inputs**
 - 8 x digital inputs
- **Outputs**
 - 6 x semiconductor output
 - 6 x relay output
- **The functions of the inputs & outputs are freely selectable**
- **Interfaces (on board)**
 - Ethernet
 - RS232
 - CAN