

We keep  
you moving

Berner Torantriebe has been a leading manufacturer of garage door openers for more than 60 years. Our extensive product portfolio includes garage door-, battery, solar-, underground car park-, swing and sliding gate openers as well as cantilever systems, perimeter security systems and a wide range of accessory for all our product ranges.

In 2017, Berner Torantriebe decided to expand its product portfolio to include high-quality sliding and swing gates as well as fencing systems, side doors and cantilever systems and made of aluminium. With the Berner sliding gate made of "Suspended Glass", the company has succeeded in designing and realising a unique entrance gate.

We have made a conscious decision to be located in Germany, think regionally and work every day to optimise our products, not only technically but also sustainably.

Berner Torantriebe KG and selected products have been climate-neutral certified with ClimatePartner since 2022.

First-class quality and the associated reliability of Berner products are ensured by selected, high-quality components, endurance tests and careful final inspection in our company.

Alongside our customer-orientated service, this has been our recipe for success since the company was founded and is the most important argument for successful cooperation with our customers.

#### Berner's full range of quality products

Garage door openers  
Battery / solar-powered openers  
Underground car park and industrial door openers  
Swing and sliding gate openers  
Perimeter security system  
Radio equipment

Accessories  
Sliding gates  
Swing gates  
Fencing systems  
Side doors



GATE BARRIERS  
MOBILE VEHICLE BARRIERS  
PARKING SPACE BARRIERS  
BOLLARDS



Secure, practical and efficient

## Perimeter security systems





## For private and commercial use: perimeter security system for parking spaces

The possible applications for access control with barriers are almost unlimited. The Berner gate barriers BS50 and BS60 are suitable for private as well as commercial and industrial applications. The BS50 gate barrier offers an optimum price-performance ratio with optimal application possibilities. The BS60 gate barrier is the ideal solution for demanding access concepts and is powerful and reliable with up to 1,000 cycles per day.

### Barrier BS50

For private property, medium-sized residential complexes and smaller companies

200/500 cycles (h/day), life span 1 million total cycles

Max. Barrier width 4.710 mm (with 5.000 mm barrier boom), Barrier booms 3-5m

Barrier BS50  
Dimensions (WxHxD):  
220 x 1170 x 360mm  
Weight:  
50 kg

### Barrier BS60

For medium-sized and large companies and residential complexes

200/1000 cycles (h/day), life span 1 million total cycles

Max. Barrier width 5.750 mm (with 6.000 mm barrier boom), Barrier booms 3-6m

Housing lighting can be used as an advance warning light (orange) (additional UAP1 circuit board required)

Barrier BS60  
Dimensions (WxHxD):  
320 x 1120 x 404mm  
Weight:  
50 kg

### Accessories for barriers BS50 and BS60

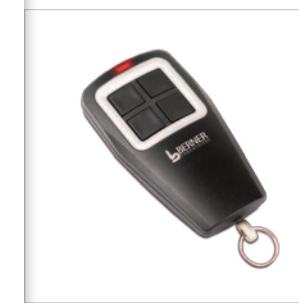
Matching the two new, beautifully designed gate barriers, the Berner accessories effortlessly fulfil all requirements and make use even safer and more convenient. Possible accessories are already fitted ex works (no installations of accessories on the housing in BS50 possible) - completely customised.



Supporting Fork



Tip support



Radio receiver and hand-held transmitter



Emergency battery (only for BS60)

- › Emergency stop switch for firemen
- › Key switch
- › Photocells optional with columns
- › LED light strips for the barrier boom
- › Induction loops
- › Laser scanner





## Reliable, robust and practical

Berner gate barriers provide optimum protection for private and industrial car parking areas. Regardless of whether you want to protect your car park from unauthorised third-party parkers or organise vehicle traffic. Our automatic barrier systems are always the best choice for intelligent access control. Their high functionality and durability as well as the wide range of accessories make them particularly versatile and practical.

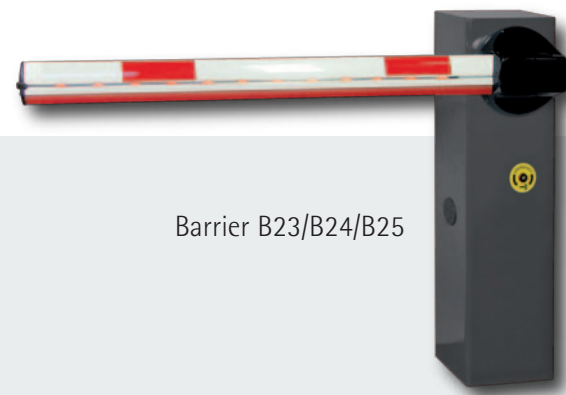
### Barriers B23, B24 and B25

Electromechanical gate barriers with spring compensation for applications with up to 40 cycles per hour

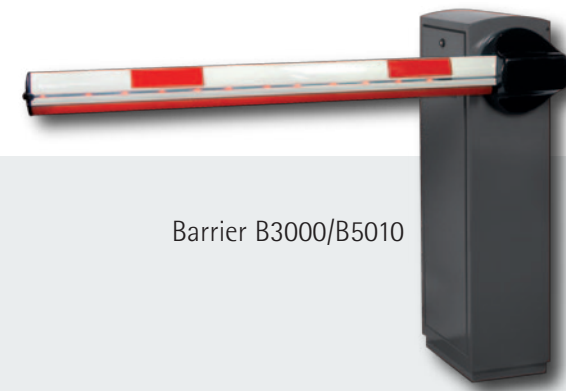
Robust, long-lasting motor gear unit in 24 V - all gear parts have maintenance-free lifetime lubrication

Emergency unlocking as a standard feature

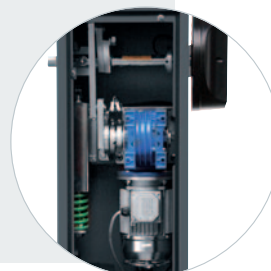
Soft start / soft stop



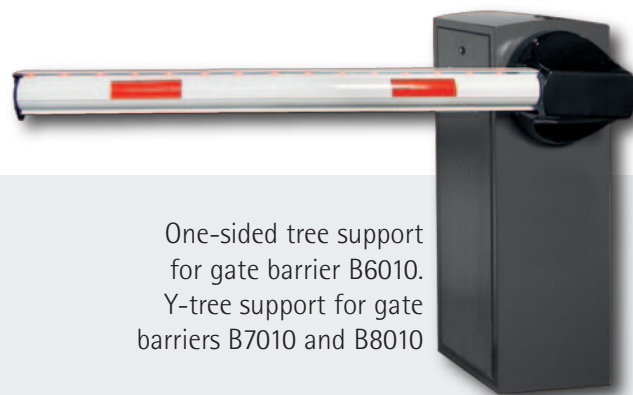
Barrier B23/B24/B25



Barrier B3000/B5010



Stable and robust mechanics

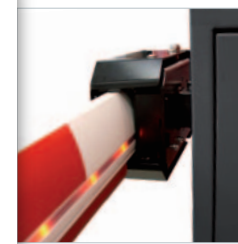


One-sided tree support for gate barrier B6010. Y-tree support for gate barriers B7010 and B8010

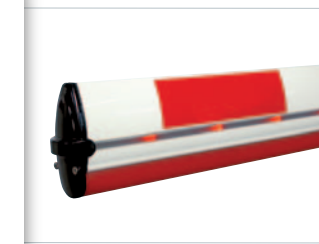


Y-tree support

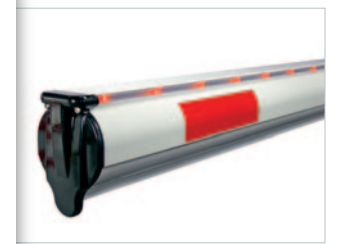
### Accessories



> Folding system for sideways emergency opening only for B3000



> Barrier boom oval with optional LED strip light for B23, B24, B25, B3000 and B5010



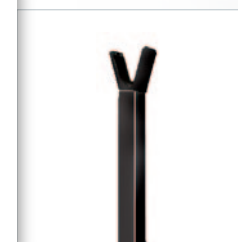
> Barrier boom round with optional LED strip light for B6010, B7010 and B8010



> Hanging rack with tip support (tip support also without hanging rack available)



> Articulated arm for B23-B25, B3000 and B5010



> Supporting fork





# The mobile vehicle barrier

With the mobile vehicle barrier SafetyGuard 450TR, Berner now secures access roads and outdoor events. Vehicles can no longer break through the barriers, regardless of which direction they are coming from. The SafetyGuard 450TR is used for the targeted protection of sensitive areas and is suitable for securing access to open-air events of all kinds. Also construction sites can be effectively cordoned off temporarily.

The Berner SafetyGuard 450TR has decisive advantages: it fulfils even strict safety concepts, can be used flexibly and is modularly expandable. Its unobtrusive shape integrates into the respective environment and can additionally be used as advertising space.

## Mobile bollard SafetyGuard 350 / 450TR

- Mobile vehicle barrier
- Height: 1.250 mm
- Diameter: 273 mm
- Weight:  
350: ~350 kg  
450TR: ~450 kg
- Diameter base plate:  
800 mm
- Height of the base plate (chamfered):  
350: 5-33 mm,  
450TR: 18-43 mm
- Material thickness: 16 mm
- Cylinder infill: Concrete/steel concrete
- Impact energy with destruction:  
350: 750.000;  
450TR: 986.000
- Certified according to  
350: PAS68, IWA14-I,  
ASTM J M30, K4 450TR: SKIB, TR  
Pol (in accordance with the  
technical guidelines of the German  
police for mobile vehicle locks,  
version 0.8)



Easy handling:  
Transport aid for the SG mover  
can be screwed into the bollard



## Key-Facts SafetyGuard

- › Certified unique mobile barrier system
- › Vandalism and tamper-proof so no guarding necessary
- › Can be used flexibly regardless of location
- › Escape routes remain intact
- › Flexible installation variants that still allow the passage of emergency vehicles
- › Maintenance-free and ready-mounted single vehicle barrier
- › Fulfill technical guidelines of the German police
- › Easy handling and transport

## How does certified personal protection work?

One of the most important features is the octagonal base plate with a serrated edge. In the event of a vehicle collision, the bollard tilts forward, the base plate catches in the asphalt and in the vehicle, stopping it and thus rendering it unroadworthy.

Among other things, the SafetyGuard 450TR is certified according to the technical guideline of the German police. In this more stringent certification, the bollard absorbed an impact from the two angles 90° and 45° on a wet road surface and rendered the 7.5 tonne truck used unroadworthy.

## Advantages SafetyGuard

- › Unobtrusive design without deterrence
- › Accessibility for wheelchairs, baby strollers, bicycles and escape routes thanks to 1.20 m clearance
- › Can be used as advertising space
- › Non-flammable
- › Does not need to be connected to each other
- › Impact from any direction secured by axisymmetric design
- › Adapter for site lighting optionally available
- › Proven effectiveness through crash tests





## Flexible in use

Berner bollards effectively secure parking spaces and passages and are the ideal solution when gate barriers cannot be used for aesthetic, traffic or safety reasons. Our bollards are available as stationary bollards or they can lower into the ground at the push of a button. They are flexible in use and especially well-protected against vandalism. We also offer the Berner bollards DK500 and DK700 in stainless steel as a design variant.



DK500-115



DK700-194



DK500



DK700 optional  
stainless steel version

### The bollards DK500/DK700

Parking space and passage barriers

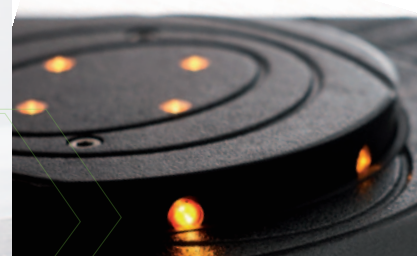
Barrier for access points  
and junctions

Lowers automatically on command  
Safe to drive over: tested for  
dynamic and static lateral forces

Soft stop before the end position

LED lighting

LED lighting  
for DK500 and DK700



## Effective and affordable

It is often not possible to effectively protect your parking spaces in front of your building from impermissible parking with a swing or sliding gate. Unguarded parking spaces are often quickly filled with third-party vehicles, especially in the city and areas with a high incidence of parking.

A practical and affordable solution is the PAS-S parking space barrier from Berner. The PAS system is available in stainless steel. It can safely and flexibly block and open parking spaces in seconds at the push of a button. The maximum barrier width is up to 15m.

### The parking space barrier PAS-S

Lowering cable / chain barrier as  
robust stainless steel version

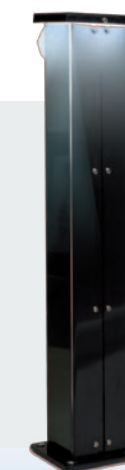
Highest safety standards

Connection for external  
command devices

Fast lowering, short  
waiting times



PAS-S



Optional LED  
light cover





# For even more comfort

Operate your gate barrier and the external lighting with just one remote control. The keypad allows to easily and securely open the gate barrier without the remote. The option of opening the gate barrier using the contactless transponder switch is particularly convenient.



## Radio:

Hand-held transmitter, 1-channel

BDS210, with orange LED, Battery 2 pieces LR44, incl. eyelet



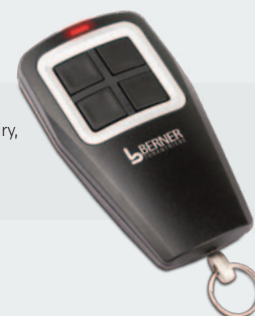
Hand-held transmitter, 2-channel

BDS220, with orange LED and integrated door status enquiry, Battery 2 pieces LR44, incl. eyelet



Hand-held transmitter, 4-channel

BDS240, with orange LED and integrated door status enquiry, Battery 2 pieces LR44, incl. eyelet



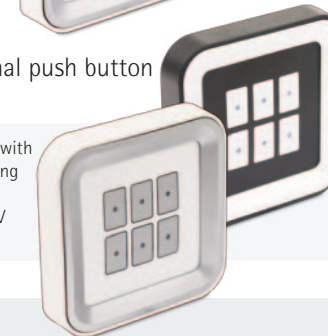
Wireless internal push button 2-channel

BDS624/BDS624-W, housing white or black, 2 AAA batteries, 1,5V



Wireless internal push button 6-channel

BDS664/BDS664-W with status display, Housing white or black, 2 AAA batteries, 1,5V



Radio code switch 10-channel, illuminated

BDS690, IP54 with film keypad, black housing 2 AAA batteries, 1,5V



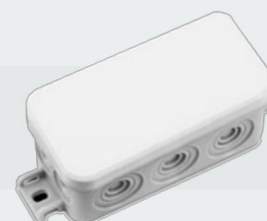
Radio code switch 10-channel, illuminated

BDS691/BDS691-W, IP54 with stainless steel keypad, Housing white or black, 2 AAA batteries, 1,5V



Bluetooth receiver

For controlling door operators via Bluetooth



## Wired accessories

Key switches

Our large selection of key switches enables simple access to your garage via key contact.



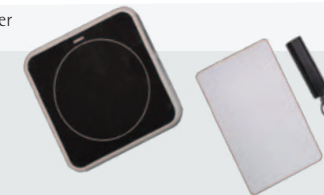
Touchpad or metall keypad

for evaluation unit, CTT and CTM



Transponder TTR1000-1

Our 1-channel transponder controls your gate contact-free. With transponder key and transponder card



Stand columns

Various versions, e.g. with firemen switch and radio code lock



Coin validator

Electronic, potential-free contact, optionally for coins € 0,50 / € 1,00 / € 2,00 / CHF 1,00 / CHF 2,00 / CHF 5,00 / token coin



## Safety

Oneway photocells for inside and outside

The one-way light barrier is suitable for use in outside areas and serves as an additional safety device.



LED blinking light

incl. Mounting base, Flashing or continuous light adjustable



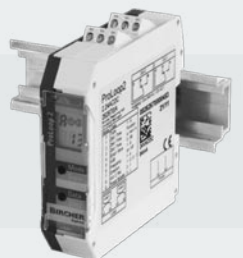
LED signal light yellow

for ground- and wallmounting



Induction loop detectors

The induction loop detectors are available with 1- and 2 channels. They are snap-on to top-hat rail with quick-closure. The 2-channel version offers a programmable direction recognition.



Ready-made induction loop

For car detection, in cable outlet. Suitable for installation in asphalt or in concrete.



Laser Scanner

Safety and opening sensor for barriers, illustration with mounting bracket Power supply 10-35 V DC, protection class IP 65



Barriers  
BS50  
BS60

- Electromechanical gate barriers with spring compensation and 24 V DC motor
- barrier boom reception left hand or right hand operation
- BS50: For private property, medium-sized residential complexes and smaller companies
- BS60: For medium-sized and large companies and residential complexes
- BS50: 200/500 cycles (h/day), life span 1 million total cycles
- BS60: 200/1000 cycles (h/day), life span 1 million total cycles
- Microprocessor control board, soft start and soft stop, force shut-off in accordance with DIN EN 13241
- Opening/closing time 3-6 sec
- BS50: Max. Barrier width 4.710 mm (with 5.000 mm barrier boom), Barrier booms 3-5m
- BS60: Max. Barrier width 5.750 mm (with 6.000 mm barrier boom), Barrier booms 3-6m

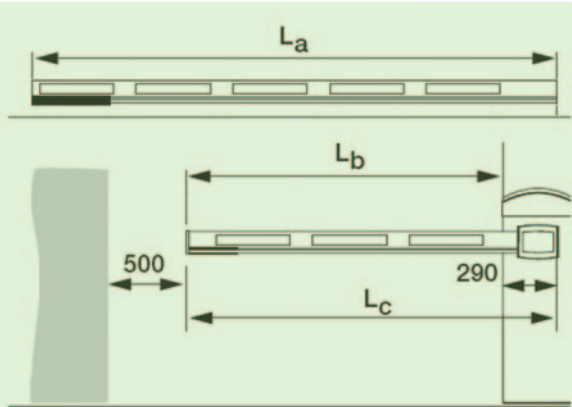
- Barrier housing made of phosphated steel, powder-coated RAL 9006 (white aluminium); barrier cover RAL 7016 (anthracite grey) - Integrated cover LED lighting as standard (red: closed, green: open)
- Synchronised operation (two opposing barriers) possible
- BS60: Cover lighting can be used as an advance warning light (orange) (UAP1 additional control board required for this)
- BS60: Emergency battery possible

Overview of the gate barriers

Model	BS50	BS60
Weight	50 kg	50 kg
Anschluss	230 V	230 V
Current consumption	0,5 A	0,5 A
Power	W	W
Cycles/h	200	200
Operating speed	ca. 3 - 6 sec.*	ca. 3 - 6 sec.*
Max. barrier boom length	5 m oval	6 m oval
Motor unit application	24 V DC	24 V DC
Field of application	Private and commercial	Private and commercial

\*depending on the boom lenght

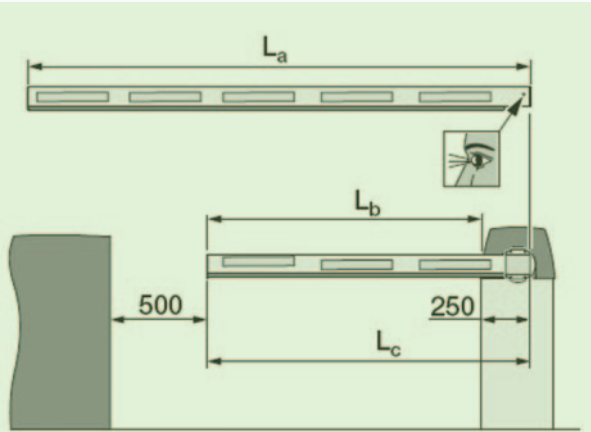
Planning aids



La	Standard length (3000/ 4000/ 5000 mm)
Lb	Barrier width
Lc = Lb + 290 mm	Shorten length

The minimum distance to fixed objects must be at least 500 mm in accordance with ASR A1.7.  
From a barrier width of >4 m, a supporing fork should be used to support the barrier arm.

Barrier BS50



La	Standard length (3000/ 4000/ 5000/ 6000 mm)
Lb	Barrier width
Lc = Lb + 250	Shorten length

The minimum distance to fixed objects must be at least 500 mm in accordance with ASR A1.7.

Barrier BS60

Barriers

B23 B3000 B7010  
B24 B5010 B8010  
B25 B6010

Power supply  
230 V alternating voltage ± 10%, 50 Hz

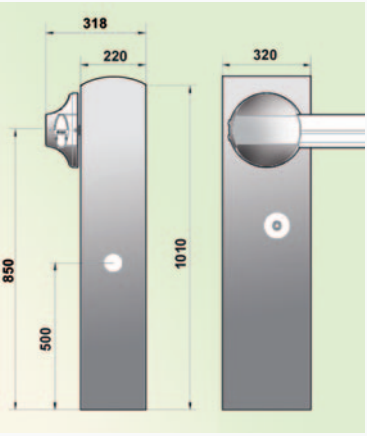
Control unit  
Convenient microprocessor control unit with LED display for error diagnosis, control voltage 24 V, protection class IP54. Different operating modes can be adjusted. For B23, B24, B25 and B5010, B6010, B7010, B8010 can additionally be adjusted the operating speed. B5010-B8010 with frequency converter.

Limit stop  
Adjustable mechanical limit switches, for B23, B24 and B25 by adjustable mechanical limit switches. The end positions are factory-provided adjusted for an opening of 90°. A terrain adjustment can occur with the movable boom mounting.

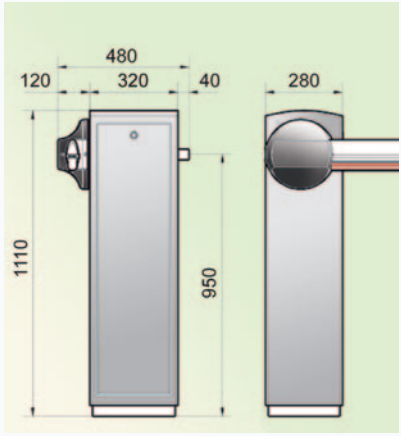
Overview of the gate barriers

Model	B23	B24	B25	B3000	B5010	B6010	B7010	B8010
Weight	48 kg	48 kg	48 kg	72 kg	72 kg	110 kg	110 kg	110 kg
Connection	230 V	230 V	230 V	230 V	230 V	230 V	230 V	230 V
Current consumption	0,5 A	0,5 A	0,5 A	1,5 A	1,5 A	2,8 A	2,8 A	2,8 A
Performance	100 W	100 W	100 W	400 W	370 W	650 W	650 W	650 W
Cylces/h	40	30	30	300	150	50	30	30
Operating speed	approx. 2,5-6 sec.*	approx. 2,5-6 sec.*	approx. 4-9 sec.*	approx. 1,7 sec.	approx. 1,4-3 sec.*	approx. 4,5-6 sec.*	approx. 4,5-8 sec.*	approx. 4,5-8 sec.*
Max. barrier length	3 m oval	4 m oval	5 m oval	3 m oval	5 m oval	6 m round	7 m round	8 m round
Motor unit	24 V DC	24 V DC	24 V DC	230 V AC	230 V AC	230 V AC	230 V AC	230 V AC
Application	Private and commercial	Private and commercial	Private and commercial	Commercial and industrial	Commercial and industrial	Commercial and industrial	Commercial and industrial	Commercial and industrial

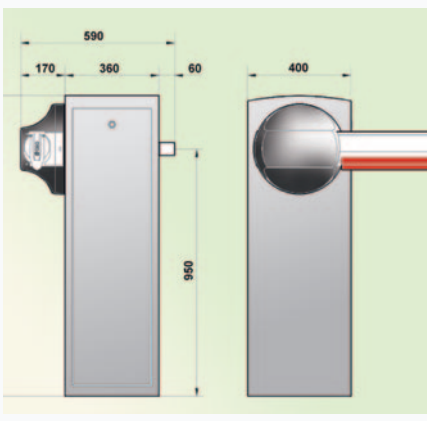
\* depending on the boom length



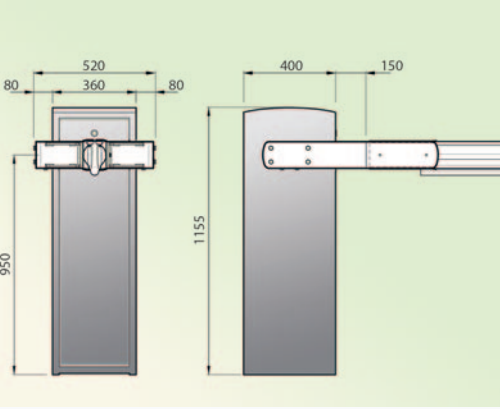
Dimensions B23/B24/B25 (mm)



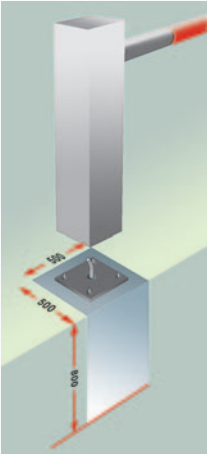
Dimensions B3000/B5010 (mm)



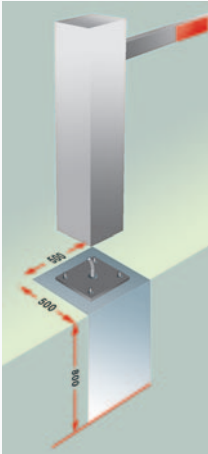
Dimensions B6010 (mm)



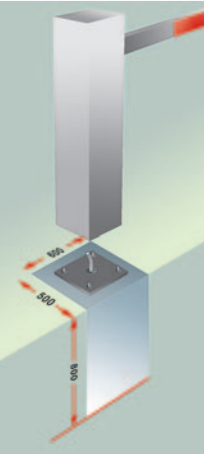
Dimensions B7010/B8010 (mm)



Foundation  
B23/B24/B25 (mm)



Foundation  
B3000/B5010 (mm)



Foundation  
B6010/B7010/B8010 (mm)

Automatic force shut-off  
Reversing operation, that means in case of obstacle opening the closing movement is immediately stopped and inversed until the end position "OPEN" is reached.

Boom locking  
The barrier boom is mechanically locked by a special lever mechanism in the end positions.

Emergency release  
In case of power outage the barrier can be unlocked and moved by hand.

Motor  
230 V alternating current motor. B23, B24 and B25: 24 V Direct current motor. All gear components are lubricfied.

Housing  
Sheet steel housing painted in RAL7031, upon request available in all RAL-colours for an additional charge (except B23, B24, B25)

Mobile vehicle barriers

➤ SafetyGuard 350

SafetyGuard 450TR

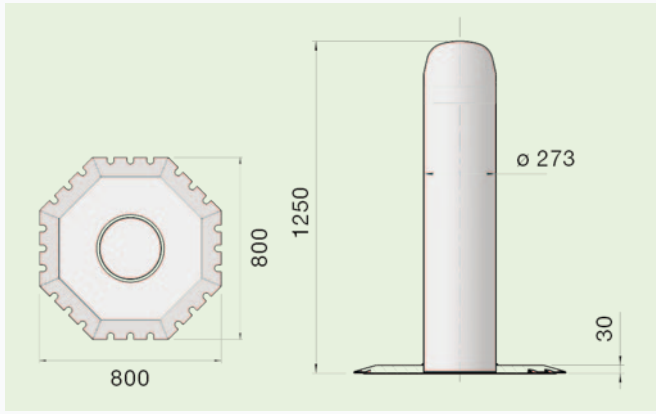
- Maintenance free perimeter protection system
  - Certificated, unique and mobile barrier system
  - Ready-mounted single vehicle barriers
  - Easy Transport
  - No guarding necessary vandalism protected
  - Scape routes without visual blockage remain intact
  - Can be used as advertising space
- Not flammable
  - Easy logistic on site by forklift or SG-Mover
  - Unobtrusive design without deterrence
  - Flexible installation variants that still allow the passage of emergency vehicles
  - Fulfils technical guidelines of the German police

Overview of mobile vehicle barrier system

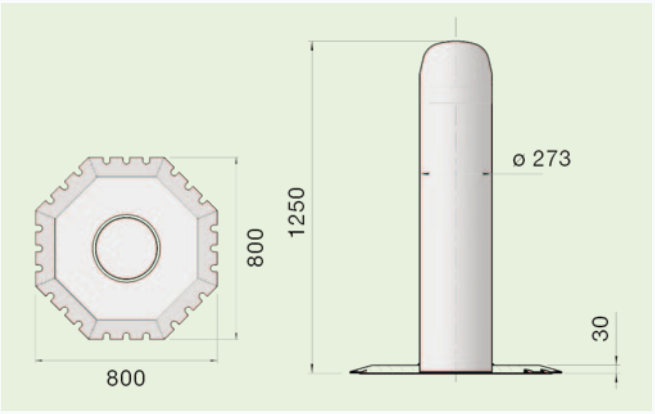
Model	SafetyGuard 350	SafetyGuard 450TR
Measurements ground plate	800 x 800 mm	800 x 800 mm
Height	1250 mm	1250 mm
Diameter	273 mm	273 mm
Colour	Anthracite grey RAL 7016 *	Anthracite grey RAL 7016 *
Weight	ca. 350 kg	ca. 450 kg
Impact energy	750000 J	986000 J
Certificated according	M30, K4, PAS68, IWA14-1	SK1B, TR Pol**

\* optional RAL colour for an additional surcharge

\*\* in accordance with the technical guidelines of the German police for mobile vehicle locks, version 0.8

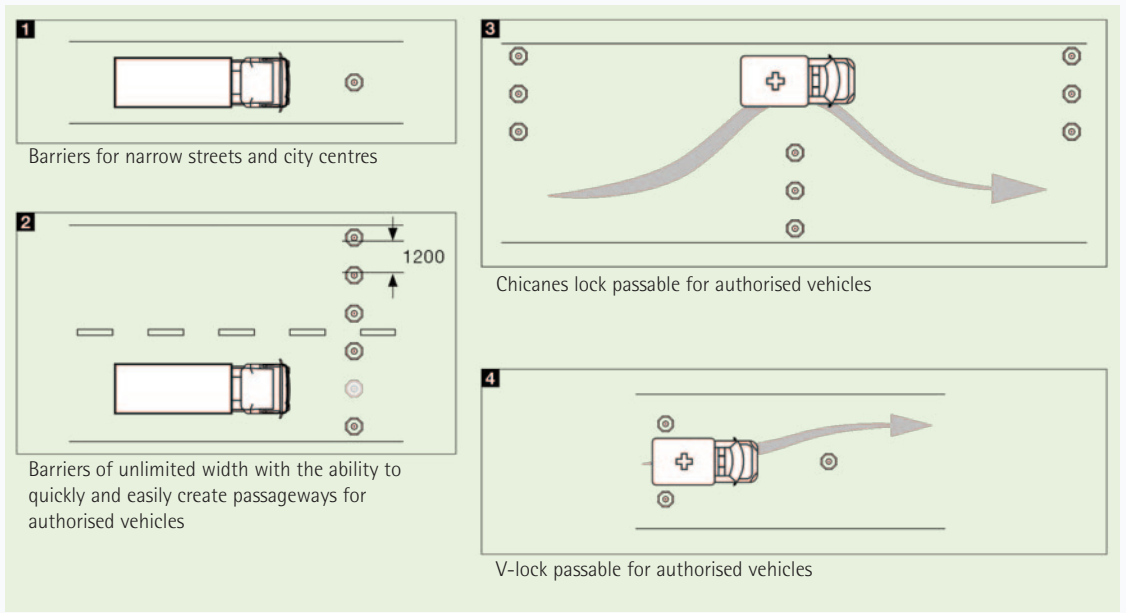


Measurements SafetyGuard 350 (mm)



Measurements SafetyGuard 450TR (mm)

Arrangement variants



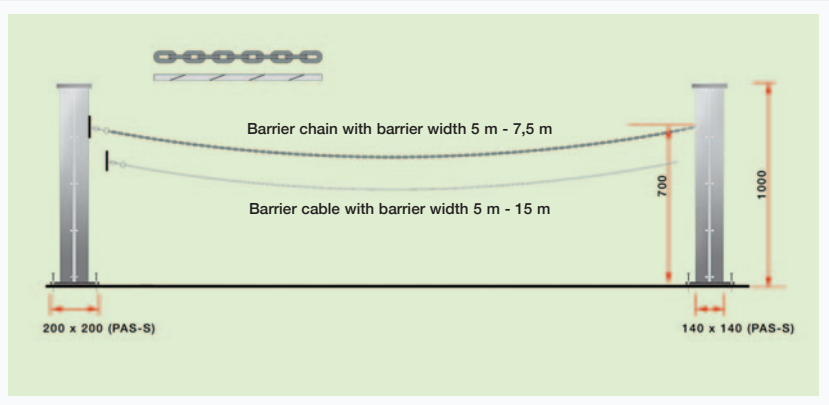
➤ Rope and chain lowering device

PAS-S

- Power supply**  
230/240 V, 50 Hz, standby approx. 2 W
- Max. pull force 500 N**
- Control unit**  
The control unit disposes of a microprocessor-controlled automatic cutout which can neither be manipulated nor is susceptible to errors.
- On-time 30 %**
- End shut-off**  
Learning of the end positions and additional end stop for closing position
- Automatic force shut-off**  
Force limitation for both running directions, self learning and self checking
- Opening speed up to 9 sec.**
- Automatic closing**  
Individually adjustable, hold-open time 10-150 sec.
- Motor**  
24 V direct current motor with worm gear
- Housing**  
Anodised aluminium or stainless steel with powder coating in RAL7016
- Radio system**  
4-channel hand transmitter included in delivery, frequency: 868 MHz

Overview of the PAS

Model	PAS-S			
Barrier width cable	5 m	-	10 m	15 m
Barrier width chain	5 m	7,5 m	-	-
Parking spaces	2	3	4	6



Absenker PAS mit Bodenplatte (mm)

➤ Bollards

DK500-115

DK700-194

- Power supply 230-240 V AC
- External control board
- RAL 7015

Overview of the DK

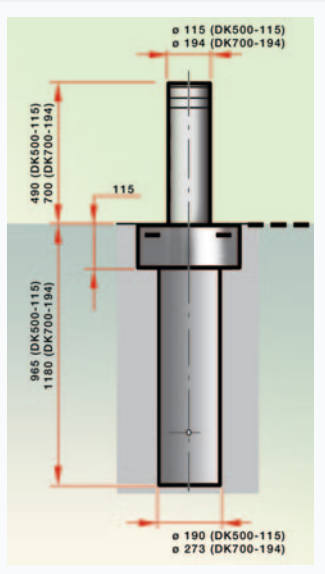
Model	DK500-115	DK700-194	DK500	DK700
Weight	55 kg	105 kg	103 kg	123 kg
Connection	230 V	230 V	230 V	230 V
Performance	130 W	130 W	300 W	300 W
Cycles/h	20	20	50	50
Operating speed	7 sec.	9 sec.	6 sec.	9 sec.

➤ Bollards

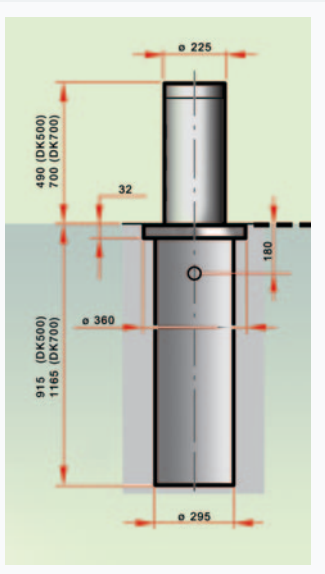
DK500

DK700

- Power supply 230-240 V AC
- External control board
- RAL 7015



Dimensions/Foundation  
DK500-115/DK700-194 (mm)



Dimensions/Foundation  
DK500/DK700 (mm)