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BLUE WEST
GmbH

Physical Access Control

Access Solutions Consulting
& Sales Company

For impressive entrances
For high quality solutions
For many applications



PHYSICAL ACCESS CONTROL SOLUTIONS

COMPANY PROFILE

Blue West is an exceptional German company, specialized in commercial security and access solutions. We develop, produce, assemble and market a complete range of sophisticated top end products, oriented towards openings. We are committed to the highest standards of quality and reliability in offering architectural solutions in the below fields:

1. Door Hardware
2. Lodging Systems
3. Master Key Systems
4. Electronic Access Control & Data
5. Glass Door Accessories
6. Automatic Entrance Systems
7. Gates and Blockers
8. Walls Systems

Blue West is continuously developing their extensive product range and services in conjunction with our reputable international production partners to ensure our customers benefit from the very latest global innovations. Our main objective is offering the ideal entrance solutions or security for all market segments like residential, commercial and institutional complexes.

We additionally customize solutions for customer needs in addition to our standard range of products. Through our architectural consultancy and specification services we support our partners to receive the best applicable product with commercial value in mind.

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TURNSTILES



Bi-directional



Tailgating



Drop-arm



Version for disabled



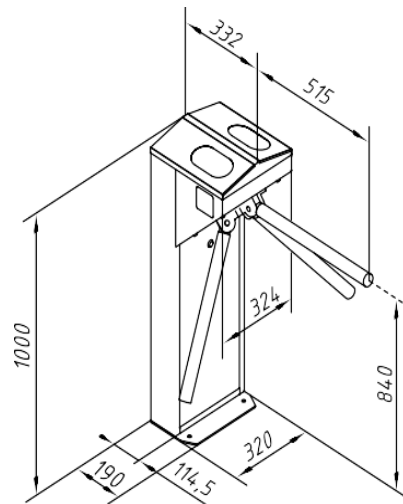
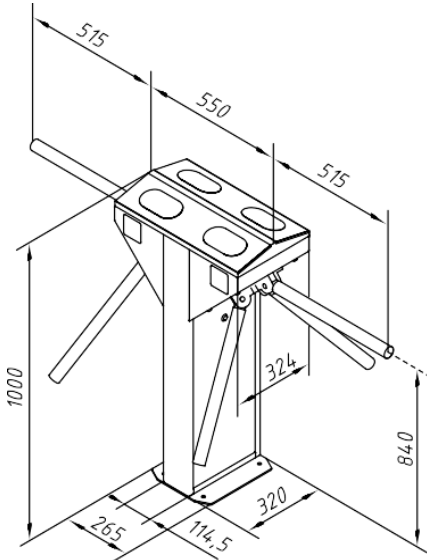
Motorized

TRIPOD TURNSTILES

BW-Centurion-M

BW-Centurion-M Twin

BW-Centurion-M



BW-Centurion-M turnstile access control solution featured with the most space-saving dimensions in combination with affordable price level.



TRIPOD TURNSTILES

BW-Centurion-M

Advantages:

- Bi-directional motorized tripod turnstile with panic / bar drop function;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Panic / bar drop function with automatic reset;
- Whisper quiet, low noise operation;
- Optional indoor or outdoor housing types;
- Wide range of accessories;
- Availability of a back up battery connection;
- Any additional devices could be integrated (e.g. passage counter, RFID/Proximity/Bio Metric readers, coin, acceptor, push button, barcode and QR-code reader).

Product specifications:

	BW-Centurion-M	BW-Centurion-M Twin
Crossing capacity in free access mode, person / min	60	120
Crossing capacity in single access mode, person / min	25	50
Passage width, mm	600	600 (each pass)
Mechanism	Servodrive (Triservo-M)	
Blocking mechanism	Two electromechanical stop catches (separate locking system)	
Emergency mode (when power goes off)	Arm drops when power goes off	
Drop arm function	Drop arm function can be activated when power is on Drop arm function activates automatically when power goes off	
Fail safe	+ (drop arm)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Voltage	AC (100-240)V, 50/60Hz; DC source 12 V	
Maximum power consumption	55 W	110 W
Enclosure rating	IP 41 – 54	
MCBF, cycles	1500 000	



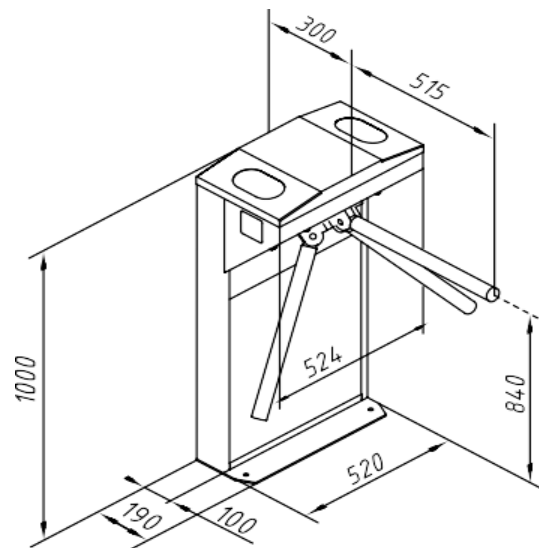
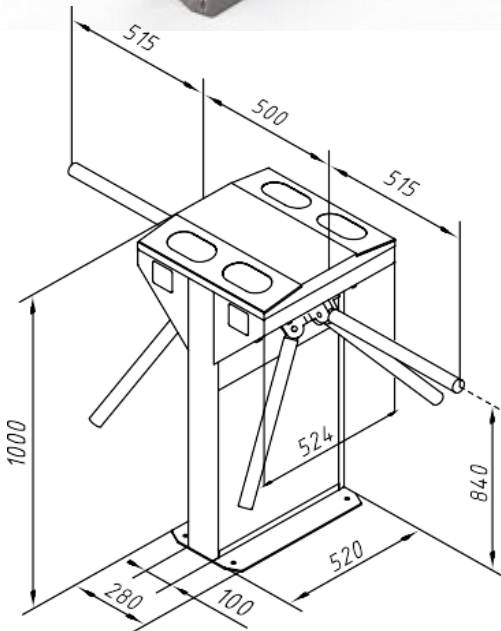
TRIPOD TURNSTILES

BW-Bastion-M

BW-Bastion-MTwin



BW-Bastion-M



BW-Bastion-M is one leg base tripod turnstile gate. Enlarged housing allows getting extra strength and robust benefits which are enough to keep pedestrian traffics of high intensity.



TRIPOD TURNSTILES

BW-Bastion-M

Advantages:

- Bi-directional motorized tripod turnstile with panic / bar drop function;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Panic / bar drop function with automatic reset;
- Whisper quiet, low noise operation;
- Optional indoor or outdoor housing types;
- Wide range of accessories;
- Availability of a back up battery connection;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity/Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

	BW-Bastion-M	BW-Bastion-M Twin
Crossing capacity in free access mode, person / min	60	120
Crossing capacity in single access mode, person / min	25	50
Passage width, mm	600	600 (each pass)
Mechanism	Servodrive (Triservo-M)	
Blocking mechanism	Two electromechanical stop catches (separate locking system)	
Emergency mode (when power goes off)	Arm drops when power goes off	
Drop arm function	Drop arm function can be activated when power is on Drop arm function activates automatically when power goes off	
Fail safe	+ (drop arm)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	55 W	110 W
Enclosure rating	IP 41 – 54	
MCBF, cycles	1500 000	



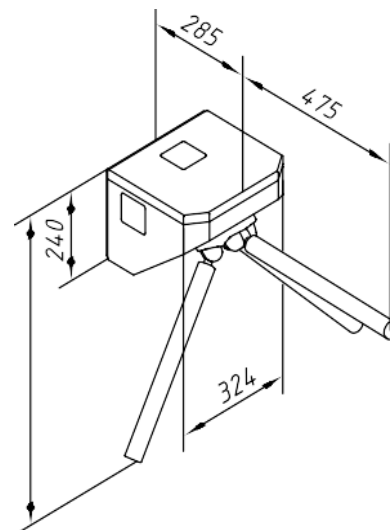
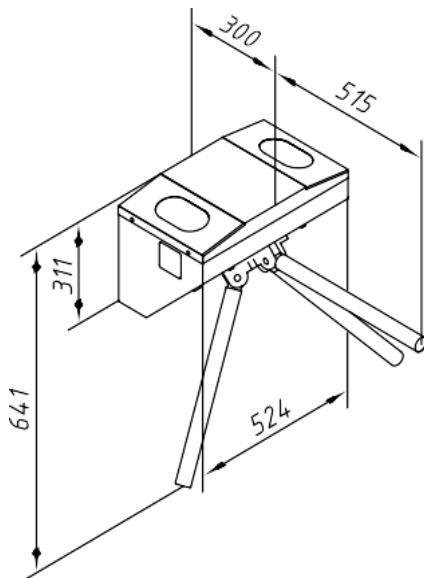
TRIPOD TURNSTILES

BW-Skull-M

BW-Skull-M



BW-Skull-BUS



BW-Skull-M is a gate barrier with a special wall mounting design. Special fastening principle gives the option of fitting to upstanding surfaces. Widely used as public transport turnstile entry.



TRIPOD TURNSTILES

BW-Skull-M

Advantages:

- Bi-directional motorized tripod turnstile with panic / bar drop function;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Panic / bar drop function with automatic reset;
- Whisper quiet, low noise operation;
- Optional indoor or outdoor housing types;
- Wide range of accessories;
- Availability of a back up battery connection;
- Any additional devices could be integrated (e.g. passage counter, RFID/Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

	BW-Skull-M	BW-Skull-BUS
Crossing capacity in free access mode, person / min	60	
Crossing capacity in single accessmode, person / min	25	
Passage width, mm	600	550
Mechanism	Servodrive (Triservo-M)	Servodrive
Blocking mechanism	Electromechanical stop catches (separate locking system)	Single electromagnetic brake (general locking system)
Emergency mode (when power goes off)	Arm drops when power goes off	Free rotation in both directions when power goes off
Drop arm function	Drop arm function can be activated when power is on Drop arm function activates automatically when power goes off	Drop arm function can be activated when power is available only (or within using super capacitor module)
Fail safe	+ (drop arm)	+ (free rotation)
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316; Polished SS AISI 304; Polished SS AISI 316; Powder coated (any RAL up on request)	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	55 W	110 W
Enclosure rating	IP 41 – 54	
MCBF, cycles	1 500 000	



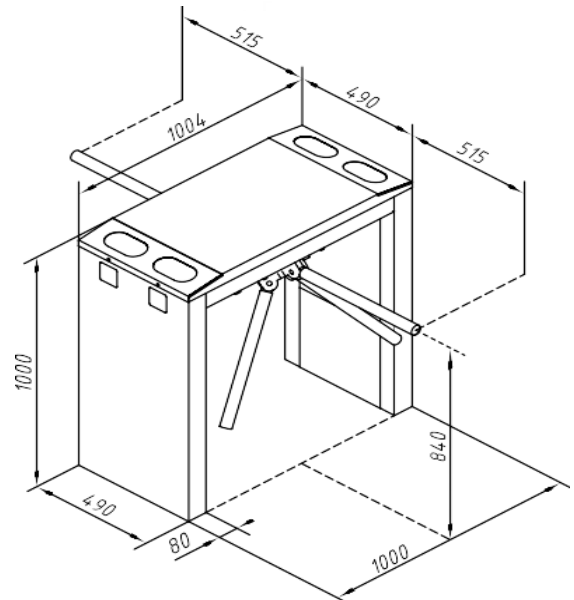
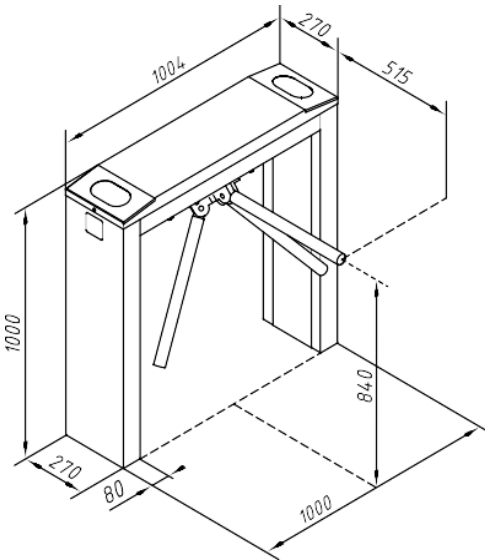
TRIPOD TURNSTILES

BW-Twix-M

BW-Twix-M



BW-Twix-M-Twin



BW-Twix-M is a two legs based modification of tripod access system. Extra rigidity and additional space for ID solutions integration are the main characteristics which make this type different from one leg turnstile entry systems.



TRIPOD TURNSTILES

BW-Twix-M

Advantages:

- Bi-directional motorized tripod turnstile with panic / bar drop function;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Panic / bar drop function with automatic reset;
- Whisper quiet, low noise operation;
- Optional indoor or outdoor housing types;
- Wide range of accessories;
- Availability of a back up battery connection;
- Any additional devices could be integrated (e.g. passage counter, RFID/Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

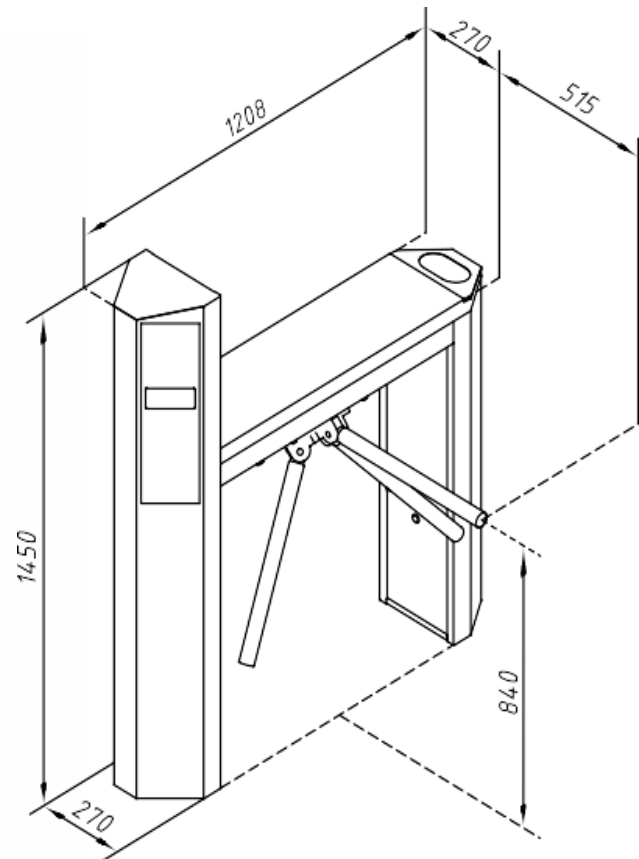
	BW-Twix-M	BW-Twix-M Twin
Crossing capacity in free access mode, person / min	60	120
Crossing capacity in single access mode, person / min	25	50
Passage width, mm	600	600 (each pass)
Mechanism	Servodrive (Triservo-M)	
Blocking mechanism	Two electromechanical stop catches (separate locking system)	
Emergency mode (when power goes off)	Arm drops when power goes off	
Drop arm function	Drop arm function can be activated when power is on Drop arm function activates automatically when power goes off	
Fail safe	+ (drop arm)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	55 W	110 W
Enclosure rating	IP 41 – 54	
MCBF, cycles	1 500 000	



TRIPOD TURNSTILES

BW-Twix All-in-one-M

BW-Twix All-in-one-M



BW-Twix All-in-One-M is a two legs based turnstile door. The main idea devoted to availability of additional metal case within standard housing. It meets the demand of projects which require turnstiles to be integrated with coin acceptors, ticket printers and other large-sized types of validation equipment.



TRIPOD TURNSTILES

BW-Twix All-in-one-M

Advantages:

- Bi-directional motorized tripod turnstile with panic / bar drop function;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Panic / bar drop function with automatic reset;
- Whisper quiet, low noise operation;
- Optional indoor or outdoor housing types;
- Wide range of accessories;
- Availability of a back up battery connection;
- Any additional devices could be integrated (e.g. passage counter, RFID/Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

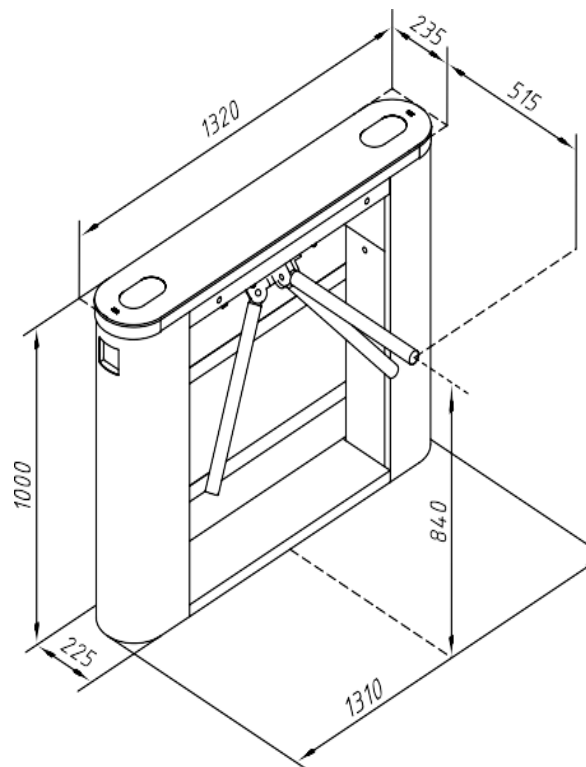
	BW-Twix All-in-one -M
Crossing capacity in free access mode, person / min	60
Crossing capacity in single access mode, person / min	25
Passage width, mm	600
Mechanism	Servodrive (Triservo-M)
Blocking mechanism	Two electromechanical stop catches (separate locking system)
Emergency mode (when power goes off)	Arm drops when power goes off
Drop arm function	Drop arm function can be activated when power is on Drop arm function activates automatically when power goes off
Fail safe	+ (drop arm)
Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V
Maximum power consumption	55 W 115 W (with a block for advertising)
Enclosure rating	IP 41 – 54
MCBF, cycles	1 500 000



TRIPOD TURNSTILES

BW-Galaxy-M

BW-Galaxy-M



BW-Galaxy-M is a turnstile access solution that intends to combine advantages of regular motorized tripod with the requirement of elegant appearance. LED lighted glass panel and special design benefits you with sophisticated look on affordable price.



TRIPOD TURNSTILES

BW-Galaxy-M

Advantages:

- Bi-directional motorized tripod turnstile with panic / bar drop function;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Panic / bar drop function with automatic reset;
- Whisper quiet, low noise operation;
- Optional indoor or outdoor housing types;
- Wide range of accessories;
- Availability of a back up battery connection;
- Any additional devices could be integrated (e.g. passage counter, RFID/Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

	BW-Galaxy-M
Crossing capacity in free access mode, person / min	60
Crossing capacity in single access mode, person / min	20
Passage width, mm	600
Mechanism	Servodrive (Triservo-M)
Blocking mechanism	Two electromechanical stop catches (separate locking system)
Emergency mode (when power goes off)	Arm drops when power goes off
Drop arm function	Drop arm function can be activated when power is on Drop arm function activates automatically when power goes off
Fail safe	+ (drop arm)
Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V
Maximum power consumption	55
Enclosure rating	IP 41 – 54
MCBF, cycles	1500 000

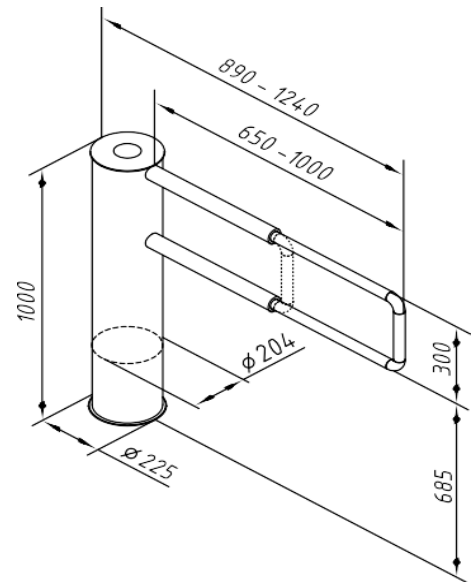
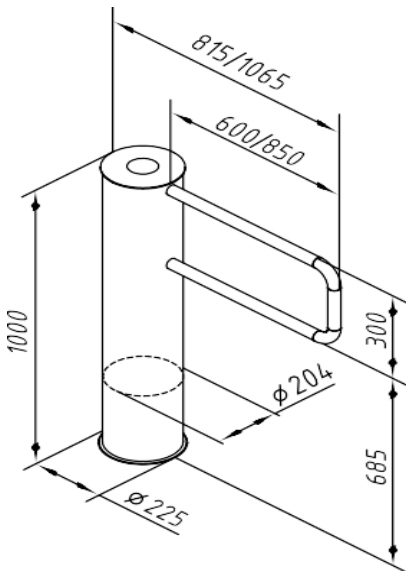


— HALF HEIGHT TURNSTILE BW-Gate-TS, TTS, SPR

BW-Gate-TS



BW-Gate-TTS



HALF HEIGHT TURNSTILE BW-Gate-TS, TTS, SPR

Advantages:

- Motorized;
- Bi-directional;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Whisper quiet, low noise operation;
- Possibility of a barrier gate customization;
- Wide range of accessories;
- Complete supply set as a standard;
- Fail safe.

Product specifications:

	BW-Gate-TS	BW-Gate-TTS	BW-Gate-SPR
Crossing capacity in free access mode, person / min	60		
Passage width, mm	650 / 900	650-1000	650-1000
Mechanism	Servodrive		Mechanical
Operation mode	CW (100 °) and CCW (100 °)		CW (100 °) or CCW (100 °)
Blocking mechanism	Single electromagnetic brake		Can be locked manually by key
Emergency mode	Gate is open		Can be unlocked manually by key
Power fail	Fail safe – free rotation (standard) Automatically open - super capacitor (option)		—
Standard housing	Brushed SS AISI 304		
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated RAL		
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V		—
Maximum power consumption	55 W		—
Enclosure rating	IP41-54		—
MCBF, cycles	1 500 000		

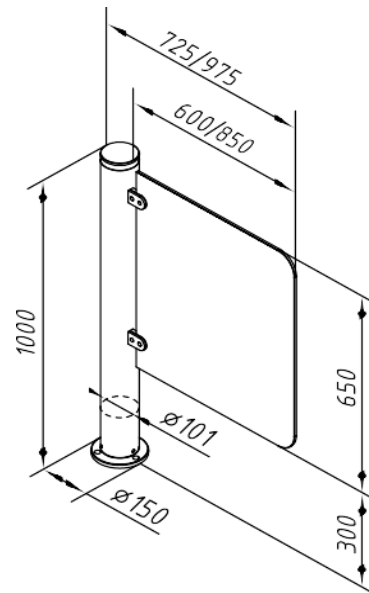
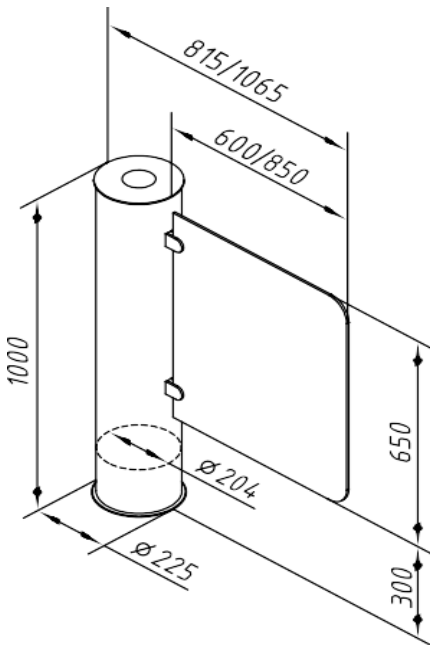


HALF HEIGHT TURNSTILE **BW-Gate-GS, GSH, GS Slim**

BW-Gate-GS



BW-Gate-GS Slim



HALF HEIGHT TURNSTILE

BW-Gate-GS, GSH, GS Slim

Advantages:

- Motorized;
- Bi-directional;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Whisper quiet, low noise operation;
- Possibility of a barrier gate customization;
- Wide range of accessories;
- Complete supply set as a standard;
- Fail safe.

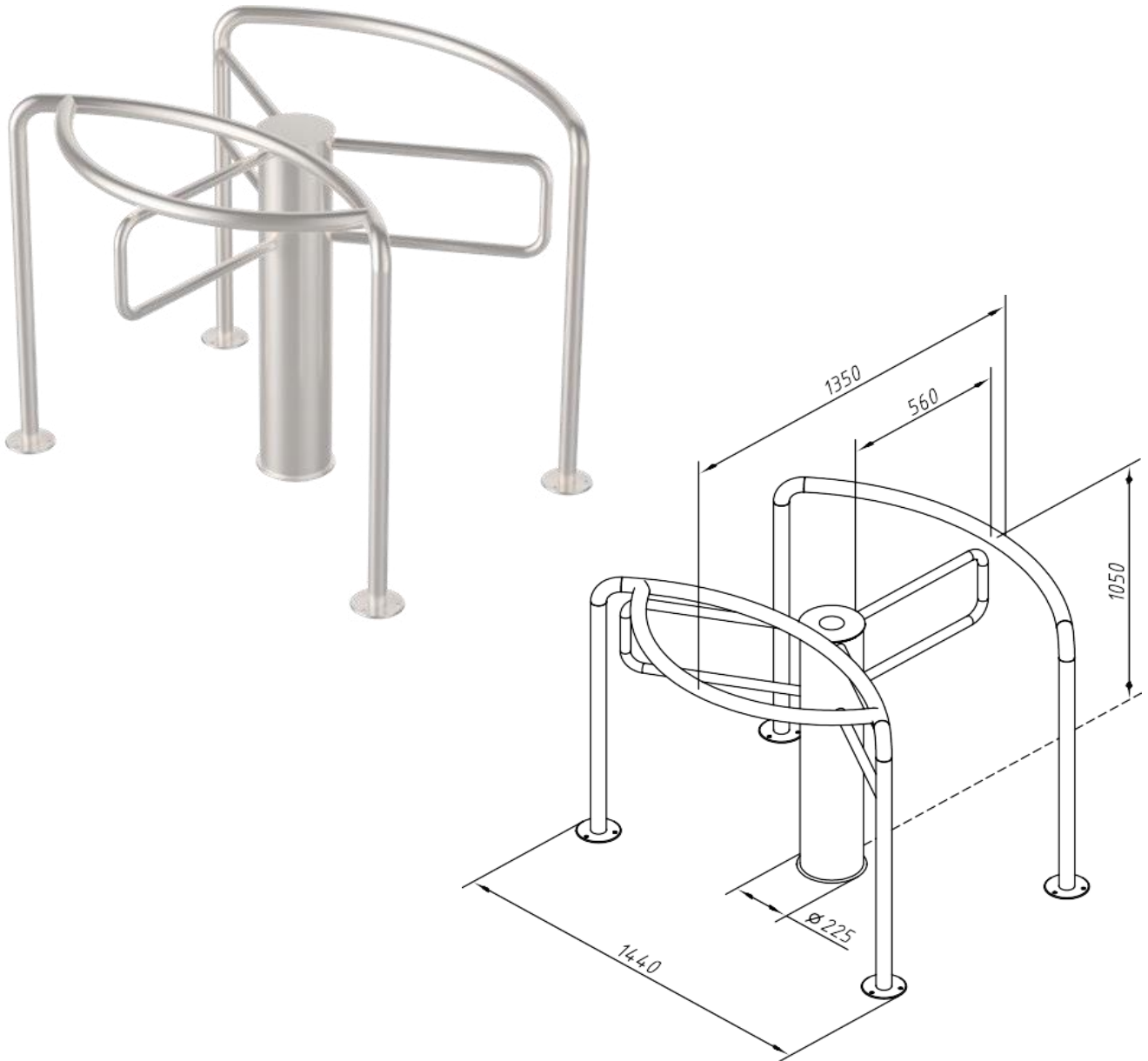
Product specifications:

	BW-Gate-GS	BW-Gate-GSH	BW-Gate-GS Slim
Crossing capacity in free access mode, person / min	60		
Passage width, mm	650/900		
Mechanism	Servodrive		
Operation mode	CW (100 °) and CCW (100 °)		
Blocking mechanism	Single electromagnetic brake		
Emergency mode	Gate is open		
Power fail	Fail safe – free rotation (standard) Automatically open - super capacitor (option)		
Standard housing	Brushed SS AISI 304		
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated RAL		
Voltage	from the AC (100–240) V, 50 / 60 Hz from a DC source 12 V		
Maximum power consumption	55 W		
Enclosure rating	IP41-54		
MCBF, cycles	1500 000		



HALF HEIGHT TURNSTILE BW-Star-TS

BW-Star-TS



BW-Star-TS is a half height product with metal type of wings. Elegant design makes it suitable for installation at entrances with the requirements of sophisticated product appearance. The range of modifications includes three and four wing types as well as different type of metal finishing. Indoor application by default.



HALF HEIGHT TURNSTILE BW-Star-TS

Advantages:

- Servo drive;
- Bi-directional;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Whisper quiet, low noise operation;
- Possibility of a barrier gate customization;
- Wide range of accessories;
- Complete supply set as a standard;
- Fail safe;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

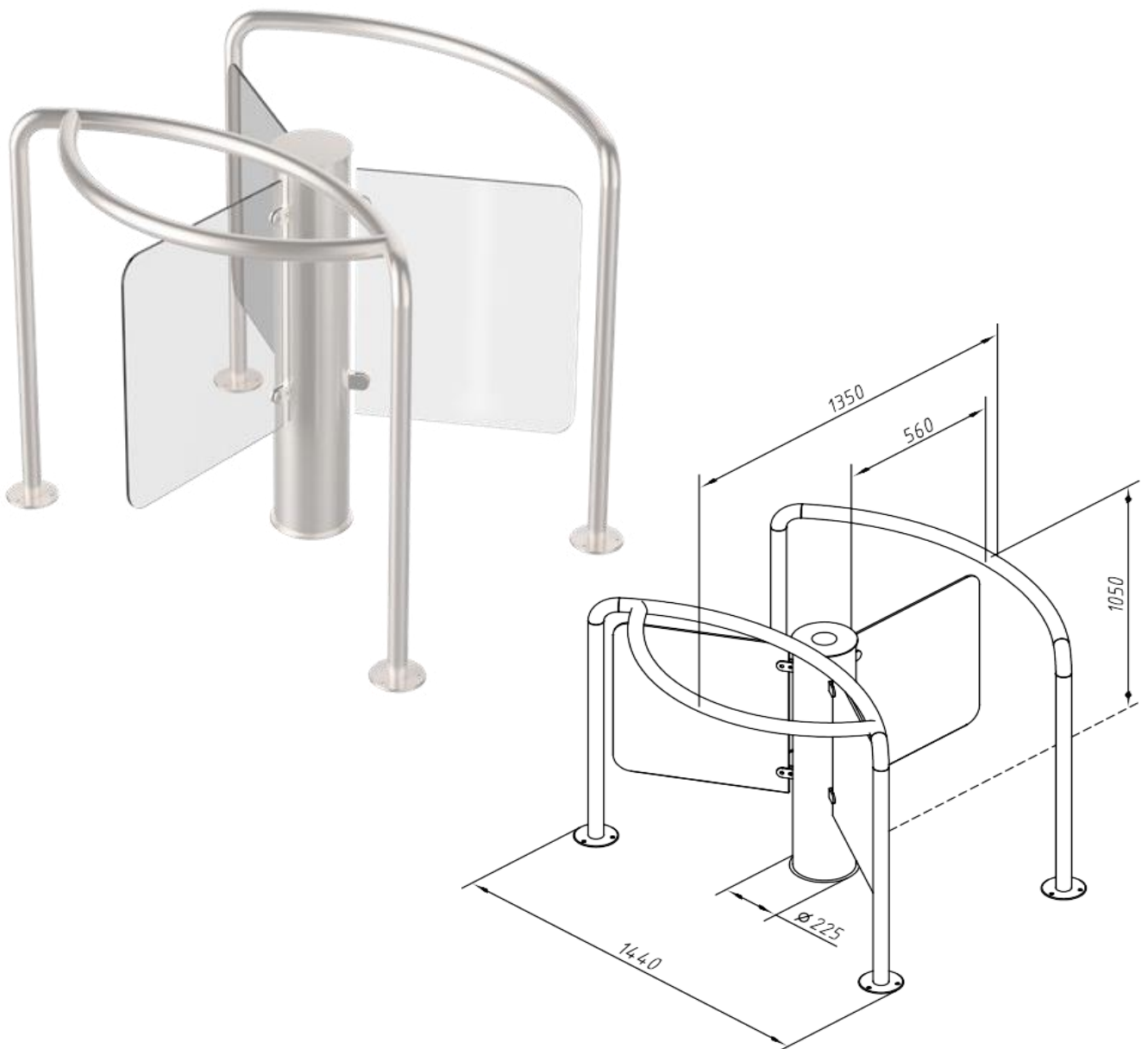
Product specifications:

	BW-Star-TS
Crossing capacity in free access mode, person / min	60
Crossing capacity in single access mode, person / min	20
Passage width, mm	560
Mechanism	Servodrive
Blocking mechanism	Single electromagnetic brake (general locking system)
Emergency mode	Free pass in both directions
Fail safe	Fail safe (free rotation)
Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V
Maximum power consumption	55 W
Enclosure rating	IP41-54
MCBF, cycles	1500 000



HALF HEIGHT TURNSTILE BW-Star-GS

BW-Star-GS



BW-Star-GS is a type of security turnstiles with glass type of wings. Elegant design make it suitable for installation at entrances with the requirements of sophisticated product appearance. The range of modifications includes three and four wing types as well as different type of metal finishing. Indoor application by default.



HALF HEIGHT TURNSTILE BW-Star-GS

Advantages:

- Servo drive;
- Bi-directional;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Whisper quiet, low noise operation;
- Possibility of a barrier gate customization;
- Wide range of accessories;
- Complete supply set as a standard;
- Fail safe;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

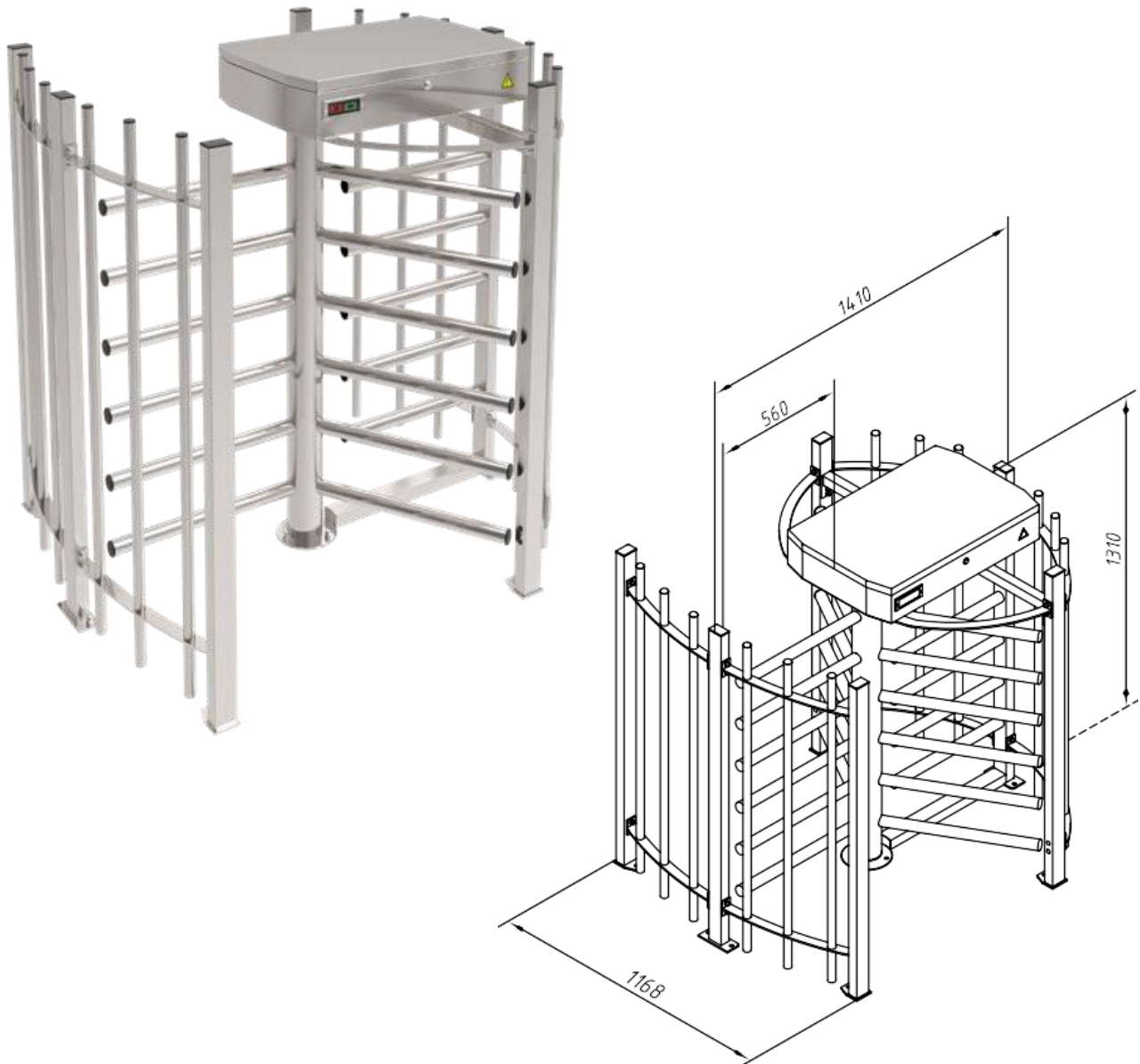
Product specifications:

	BW-Star-GS
Crossing capacity in free access mode, person / min	60
Crossing capacity in single access mode, person / min	20
Passage width, mm	560
Mechanism	Servodrive
Blocking mechanism	Single electromagnetic brake (general locking system)
Emergency mode	Free pass in both directions
Fail safe	Fail safe (free rotation)
Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V
Maximum power consumption	55 W
Enclosure rating	IP41-54
MCBF, cycles	1 500 000



HALF HEIGHT TURNSTILE BW-Cyclone-L

BW-Cyclone-L



BW-Cyclone-L is a type of outdoor half height turnstile with metal wings. Wings' design may be straight as well as U-shaped. By default it has electromechanical drive. The range of modifications includes three and four wing types as well as different type of metal finishing.



HALF HEIGHT TURNSTILE BW-Cyclone-L

Advantages:

- Servo drive;
- Bi-directional;
- High quality at a cost effective price;
- Integration with any type of access control and ID systems;
- Low power consumption;
- Whisper quiet, low noise operation;
- Possibility of a barrier gate customization;
- Wide range of accessories;
- Complete supply set as a standard;
- Fail safe;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

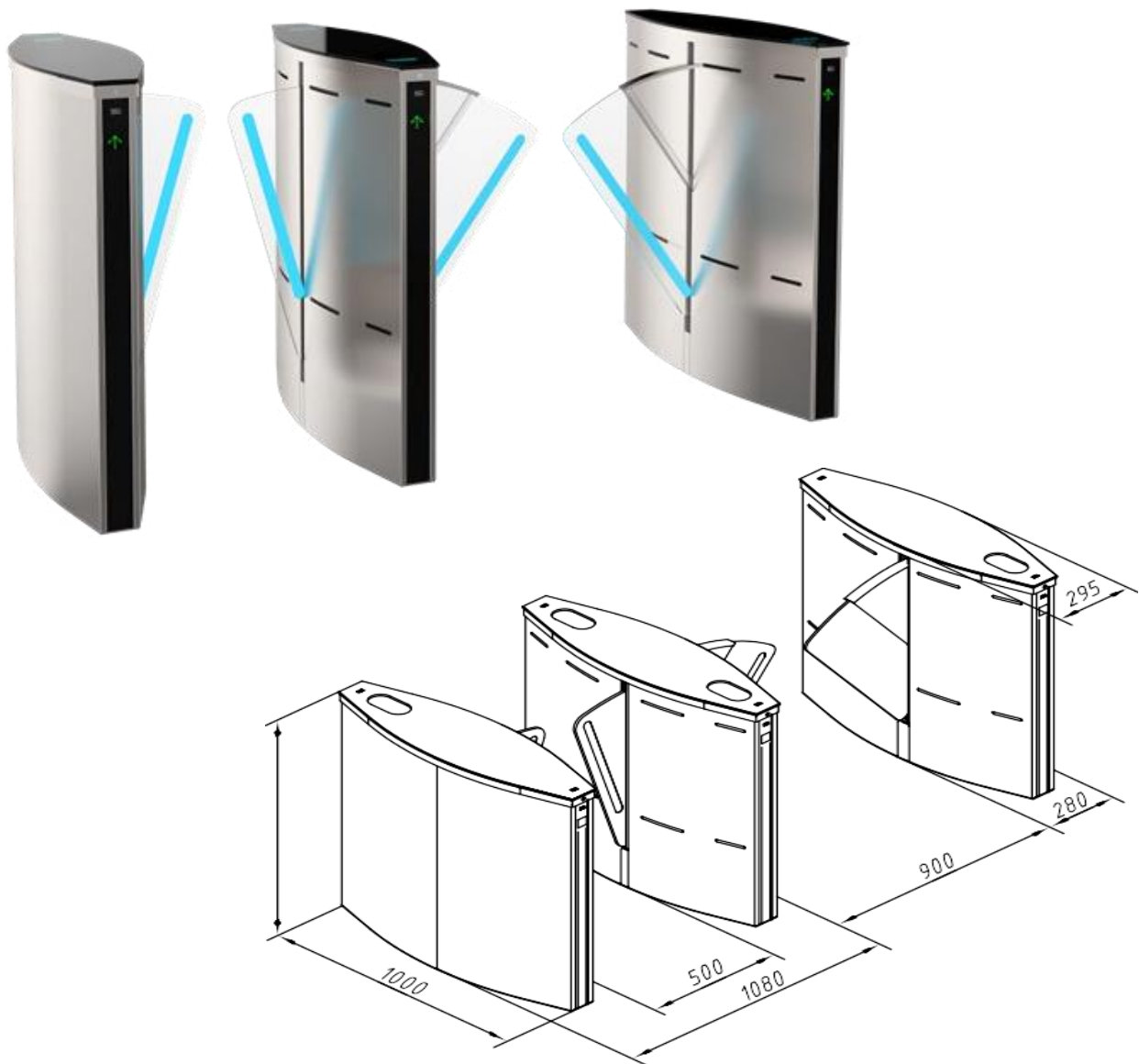
Product specifications:

	BW-Cyclone-L	BW-Cyclone-L Twin
Crossing capacity in free access mode, person / min	60	120
Crossing capacity in single access mode, person / min	20	40
Passage width, mm	530	530 (for each passage)
Mechanism	Servodrive	
Rotor types	Y-type – 120° X-type – 90°	
Blocking mechanism	Two electromechanical stop catches (separate locking system)	
Emergency mode	Free pass in both directions	
Fail safe	Fail safe (free rotation)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	55 W	110 W
Enclosure rating	IP41-54	
MCBF, cycles	1 500 000	



SPEED GATES

BW-Speedblade

BW-Speedblade+Speedblade 900

BW-Speedblade is a type of motorized turnstile featured with sliding flaps operation principle. Housing materials and light weight cabinets' shape make Speedblade turnstile universal for large variety of facilities with heightened requirements to esthetic equipment appearance.



SPEED GATES

BW-Speedblade

Advantages:

- BW-Speedblade equipped with sensors that allow to detect tailgating;
- Successful combination of affordable price and high quality;
- Customized surface finish and top lid;
- Steadfast housing suitable for high traffic areas;
- Solution for disabled and trolley access;
- Can be integrated with any type of access control systems;
- Low power consumption;
- Low noise system operation;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

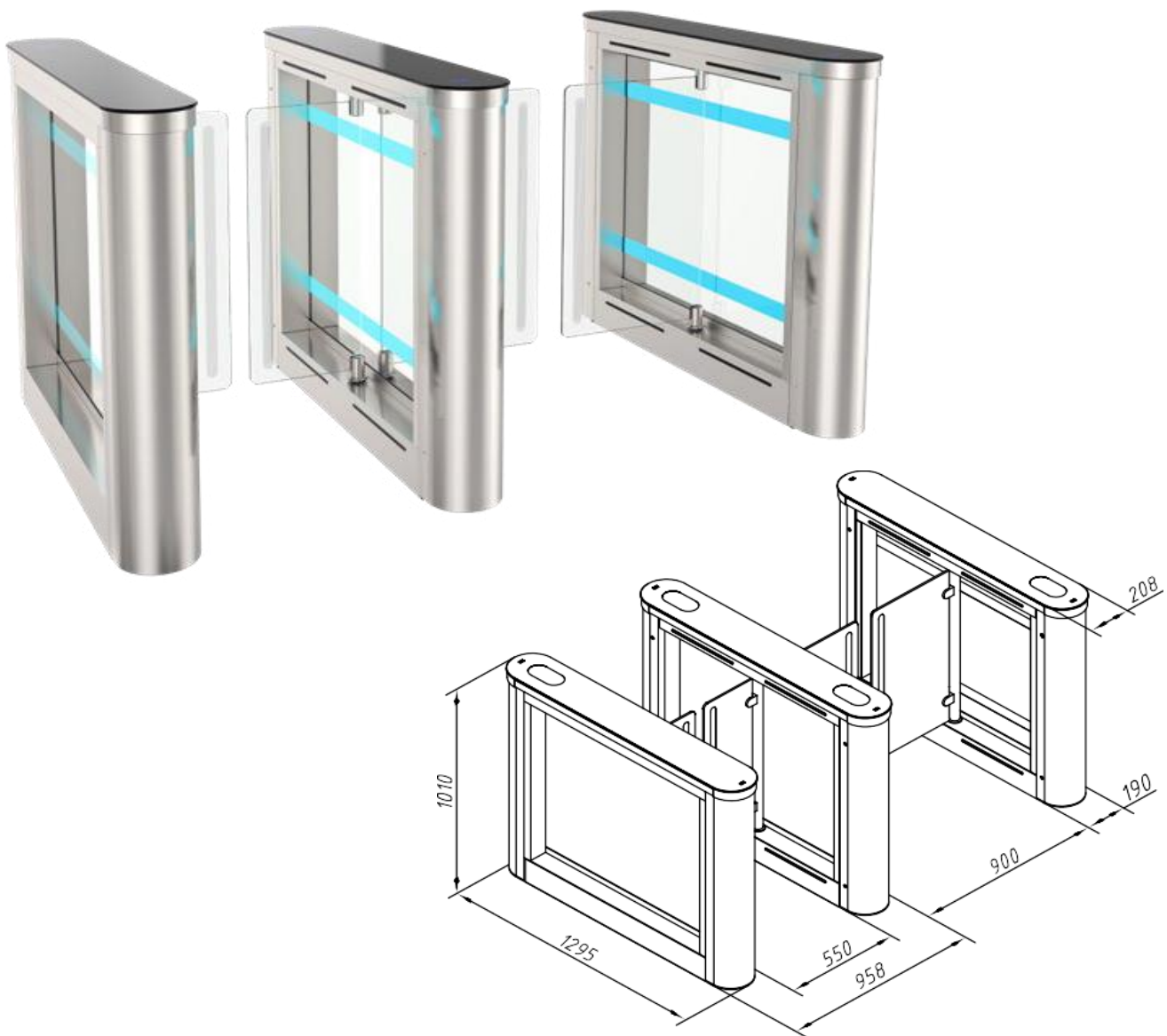
Product specifications:

	BW-Speedblade	BW-Speedblade 900
Crossing capacity in single access mode, person / min	37	31
Opening / closing time	0,6	0,9
Passage width, mm	500	900
Mechanism	Servodrive	
Tailgating function	+	
Blocking mechanism	Locked by motor	
Emergency mode	Free entry / exit (gates are opened automatically)	
Power fail	Fail safe (gates could be opened manually)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Top lid	Stainless steel top (with glass inserts) Solid glass top	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 W	
Maximum power consumption	155 W	
Enclosure rating	IP41-54	
MCBF, cycles	1 500 000	



SPEED GATES

BW-Sweeper

BW-Sweeper+Sweeper 900

BW-Sweeper speed gate is a perfect solution where contemporary aesthetics and functionality are required. The glass top and side panels provide a feeling of transparency and make it ideal for the most demanding building entrances.



SPEED GATES

BW-Sweeper

Advantages:

- BW-Sweeper equipped with sensors that allow to detect tailgating;
- Successful combination of affordable price and high quality;
- Customized surface finish and top lid;
- Steadfast housing suitable for high traffic areas;
- Solution for disabled and trolley access;
- Can be integrated with any type of access control systems;
- Low power consumption;
- Low noise system operation;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

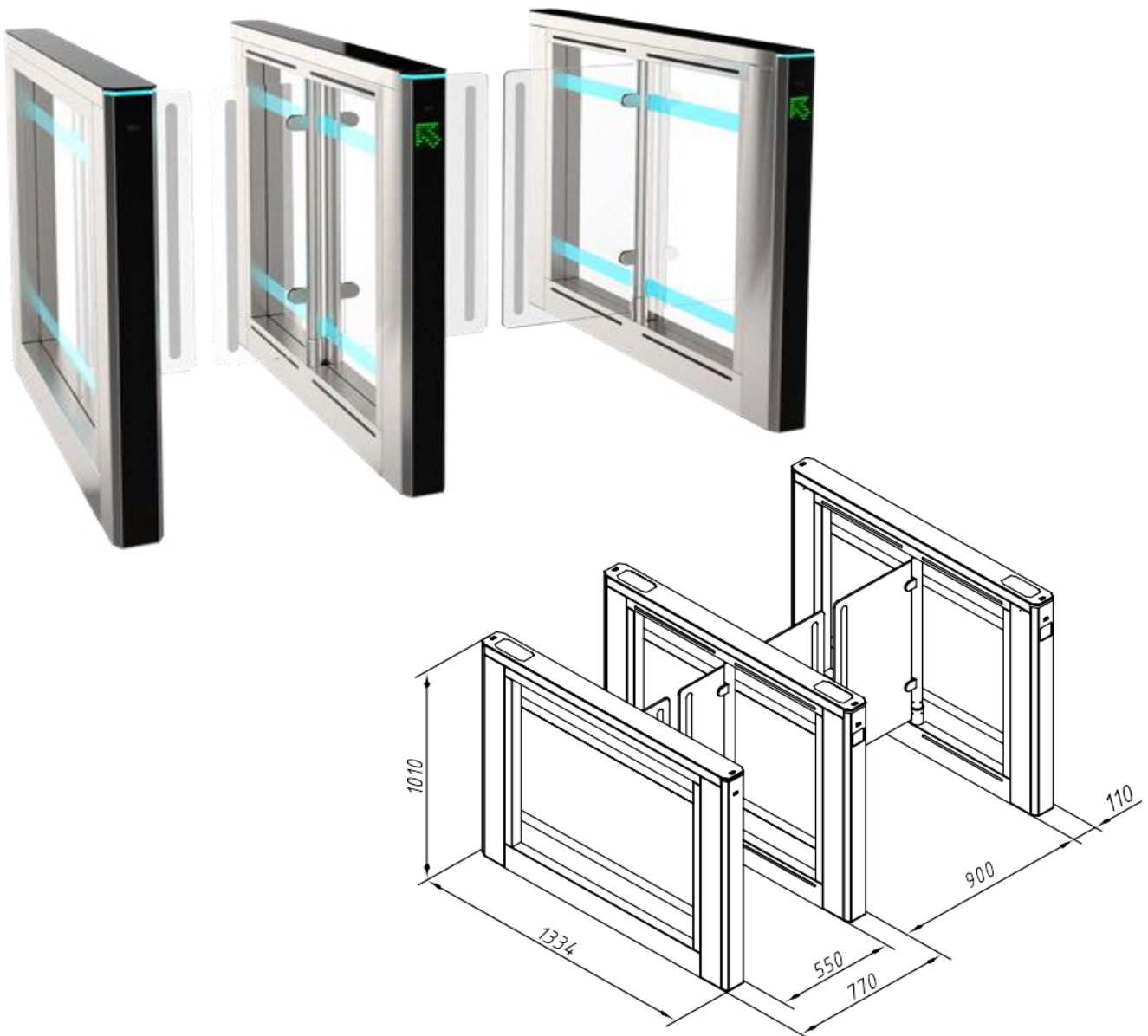
Product specifications:

	BW-Sweeper	BW-Sweeper 900
Crossing capacity in single access mode, person / min	33	23
Opening / closing time	0,8	1,6
Passage width, mm	550	900
Mechanism	Servodrive	
Tailgating function	+	
Blocking mechanism	Electromechanical locking pin	
Emergency mode	Free entry / exit (gates are opened automatically)	
Power fail	Fail safe (gates could be opened manually)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Top lid	Stainless steel top (with glass inserts) Solid glass top	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption,	155 W	
Enclosure rating	IP41	
MCBF, cycles	1 500 000	



SPEED GATES

BW-Sweeper-S

BW-Sweeper-S+ BW-Sweeper-S 900

BW-Sweeper-S fuses together all advantages of Sweeper model and new engineering solutions. Redesigned housing is huge advantage among other turnstiles in speed gates series. The width of one side housing is just 110 mm.



SPEED GATES

BW-Sweeper-S

Advantages:

- The width of BW-Sweeper-S cabin is only 110 mm;
- BW-Sweeper-S equipped with sensors that allow to detect tailgating;
- Successful combination of affordable price and high quality;
- Customized surface finish and top lid;
- Steadfast housing suitable for high traffic areas;
- Solution for disabled and trolley access;
- Can be integrated with any type of access control systems;
- Low power consumption;
- Low noise system operation;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

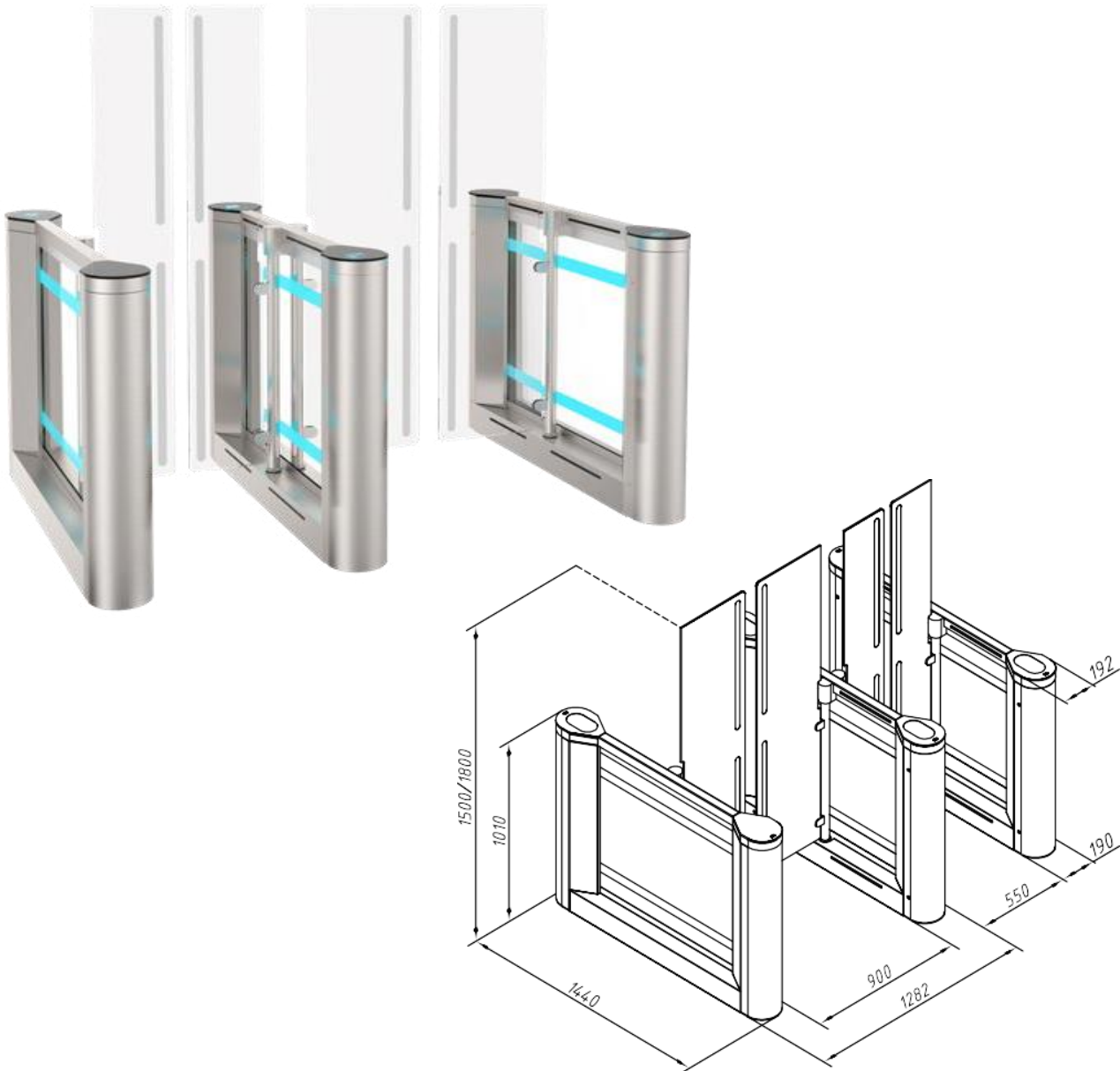
	BW-Sweeper-S	BW-Sweeper-S 900
Crossing capacity in single access mode, person / min	33	23
Opening / closing time	0,8	1,6
Passage width, mm	550	900
Mechanism	Servodrive	
Tailgating function	+	
Blocking mechanism	Electromechanical locking pin	
Emergency mode	Free entry / exit (gates are opened automatically)	
Power fail	Fail safe (gates could be opened manually)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Top lid	Stainless steel top (with glass inserts) Solid glass top	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	155 W	
Enclosure rating	IP41	
MCBF, cycles	1 500 000	



SPEED GATES

BW-Sweeper-HG

BW-Sweeper-HG+BW-Sweeper-HG 900



BW-Sweeper-HG is a special version of Sweeper, with high glasses available up to 1800 mm from the floor. It helps to avoid transfer of anything above the turnstile, as well as over-jumping it. Special design allows to arrange even 900 mm passage which can be used for people with special needs.



SPEED GATES

BW-Sweeper-HG

Advantages:

- BW-Sweeper-HG equipped with sensors that allow to detect tailgating;
- Successful combination of affordable price and high quality;
- Customized surface finish and top lid;
- Steadfast housing suitable for high traffic areas;
- Solution for disabled and trolley access;
- Can be integrated with any type of access control systems;
- Low power consumption;
- Low noise system operation;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

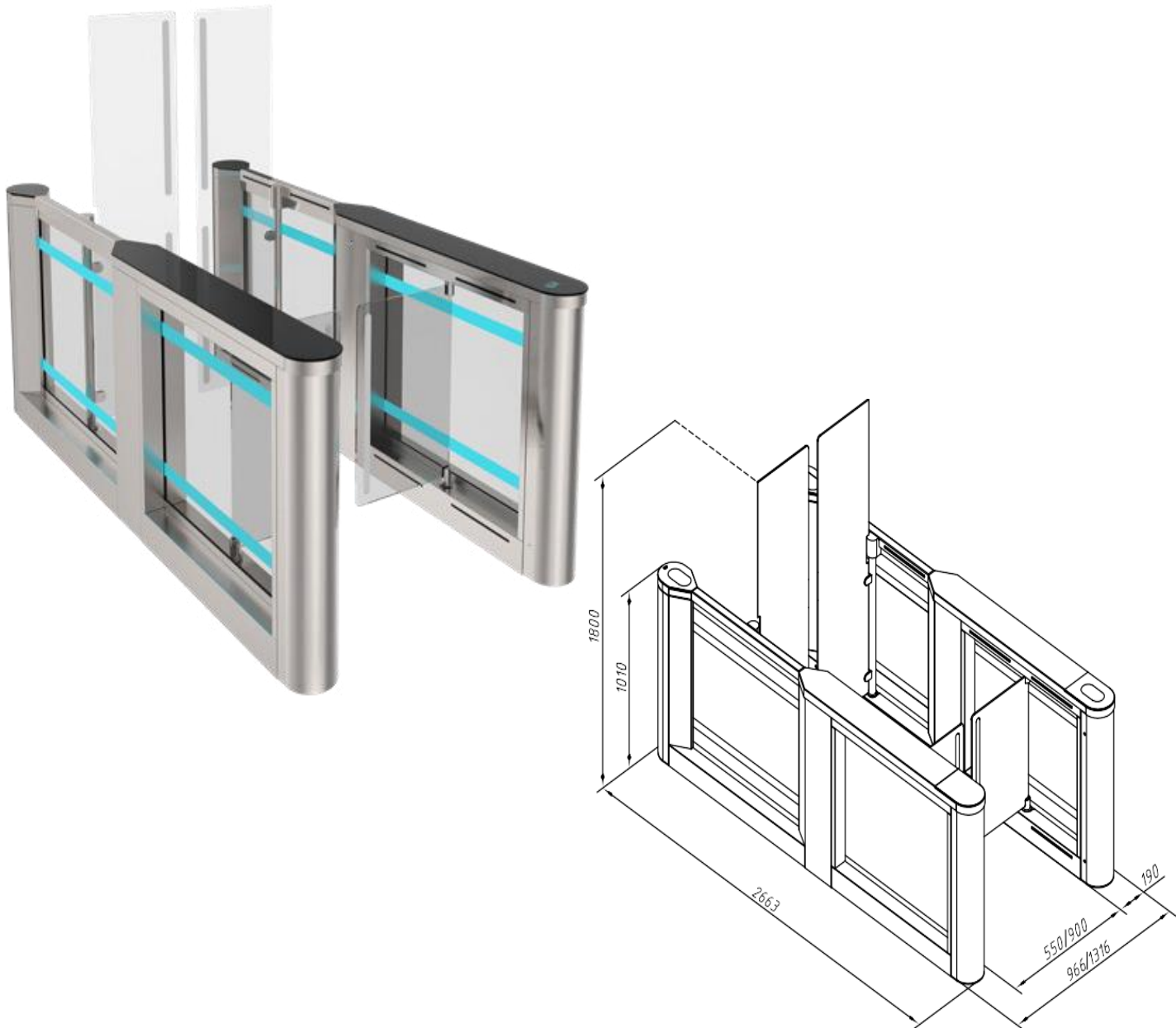
	BW-Sweeper-HG	BW-Sweeper-HG 900
Crossing capacity in single access mode, person / min	27	21
Opening / closing time	1,2	1,8
Passage width, mm	550	900
Mechanism	Servodrive	
Tailgating function	+	
Blocking mechanism	Electromechanical locking pin	
Emergency mode	Free entry/exit (gates are opened automatically)	
Power fail	Fail safe (gates could be opened manually)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Top lid	Stainless steel top (with glass inserts) Solid glass top	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	155 W	
Enclosure rating	IP41	
MCBF, cycles	1500 000	



SPEED GATES

BW-Sweeper-AL

BW-Sweeper-AL



This is a “double-identification stage” or “migration” system. Based on BW-Sweeper and BW-Sweeper-HG models. It is like “constructor” so you can order system you need: with both waist-height glasses; with both full-height glasses; with one waist-height and one full-height glasses.



SPEED GATES

BW-Sweeper-AL

Advantages:

- BW-Sweeper-AL equipped with sensors that allow to detect tailgating;
- Successful combination of affordable price and high quality;
- Customized surface finish and top lid;
- Steadfast housing suitable for high traffic areas;
- Solution for disabled and trolley access;
- Can be integrated with any type of access control systems;
- Low power consumption;
- Low noise system operation;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

Product specifications:

	BW-Sweeper-AL	BW-Sweeper-AL 900
Crossing capacity in single access mode, person / min	18	12
Opening / closing time	1,2	1,8
Passage width, mm	550	900
Mechanism	Servodrive	
Tailgating function	+	
Blocking mechanism	Electromechanical locking pin	
Emergency mode	Free entry/exit (gates are opened automatically)	
Power fail	Fail safe (gates could be opened manually)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Top lid	Stainless steel top (with glass inserts)	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	155 W	
Enclosure rating	IP41	
MCBF, cycles	1500 000	



SPEED GATES

BW-Jetpan

BW-Jetpan + BW-Jetpan 900

BW-Jetpan is ideally suited in areas where there is unmanned security the higher wings prevent vaulting over the turnstile. The BW-Jetpan is also fitted with optical sensors to prevent tailgating. The contemporary design, appearance and functionality makes the BW-Jetpan suitable for a variety of building entrances, such as banks, utility companies and high end commercial buildings. Access can be controlled by a variety of measures including card readers, bio metrics or the manual control panel. Optional customization includes modification for lift designation screens, card collectors and bar code readers.



SPEED GATES

BW-Jetpan

Advantages:

- BW-Jetpan equipped with sensors that allow to detect tailgating;
- Successful combination of affordable price and high quality;
- Customized surface finish and top lid;
- Steadfast housing suitable for high traffic areas;
- Solution for disabled and trolley access;
- Can be integrated with any type of access control systems;
- Low power consumption;
- Low noise system operation;
- Any additional devices could be integrated (e.g. passage counter, RFID / Proximity / Bio Metric readers, coin acceptor, push button, barcode and QR-code reader).

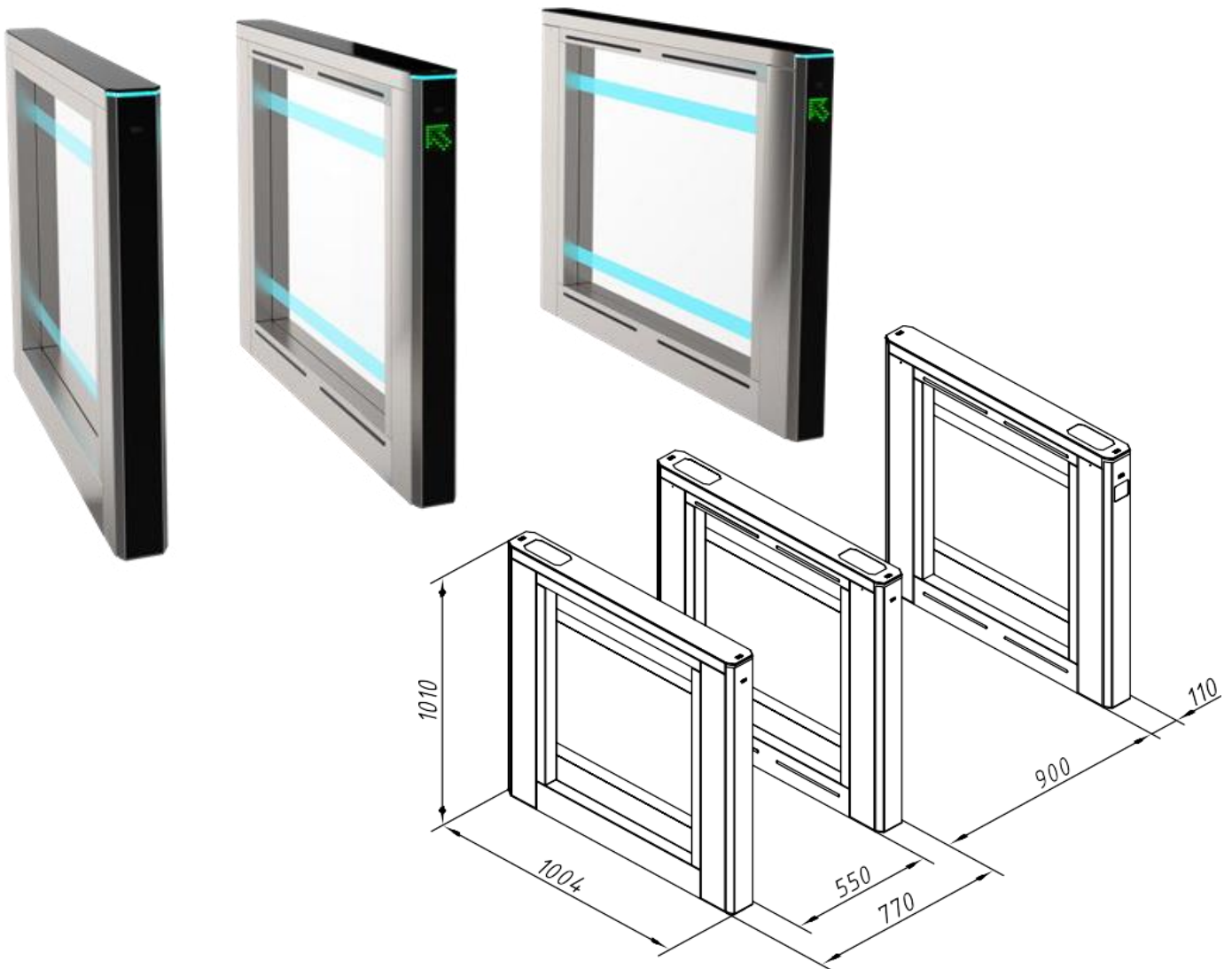
Product specifications:

	BW-Jetpan	BW-Jetpan 900
Crossing capacity in single accessmode, person / min	30	18
Opening / closing time	1,0	2,2
Passage width, mm	500	900
Mechanism	Servodrive	
Tailgating function	+	
Blocking mechanism	Electromagnetic brake	
Emergency mode	Free entry/exit (gates are opened automatically)	
Power fail	Fail safe (gates could be opened manually)	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Top lid	Stainless steel top (with glass inserts) Solid glass top	Stainless steel top (with glass inserts)
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	155 W	
Enclosure rating	IP41	
MCBF, cycles	1500 000	



SPEED GATES

BW-Phantom-S

BW-Phantom-S + BW-Phantom-S 900

This is a “double-identification stage” or “migration” system. Based on BW-Sweeper and BW-Sweeper-HG models. It is like “constructor” so you can order system you need: with both waist-height glasses. with both full-height glasses; with one waist-height and one full-height glasses.



SPEED GATES

BW-Phantom-S

Advantages:

- Successful combination of affordable price and high quality;
- Customized surface finish and top lid;
- Steadfast housing suitable for high traffic areas;
- Solution for disabled and trolley access;
- Can be mounted on a mobile platform.

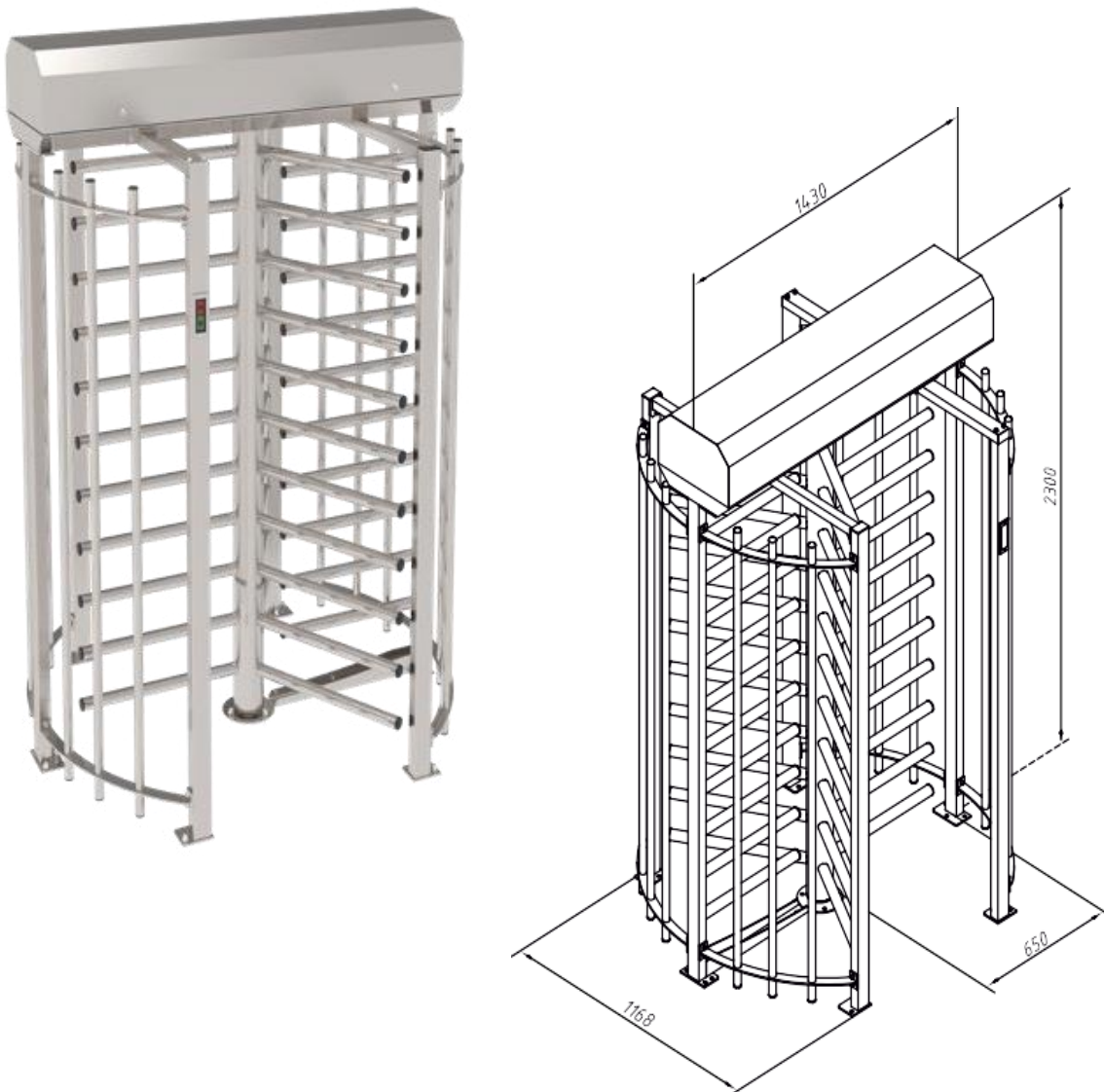
Product specifications:

	BW-Phantom-S	BW-Phantom-S 900
Crossing capacity in single access mode, person / min	60	
Passage width, mm	500	900
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	
Top lid	Stainless steel top Solid glass top	
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V	
Maximum power consumption	55 W	
Enclosure rating	IP41	



FULL HEIGHT TURNSTILES BW-Sesame

BW-Sesame



BW-Sesame is a one lane type of full height turnstile gate. It ensures vandal proof security level to large variety of possible applications: stadiums, factories, parks, premises with highest security requirements etc. Strength and durability is granted by robust fully welded design. On the other hand, attractive for shipment assembly modification of automatic barrier gate is also available.

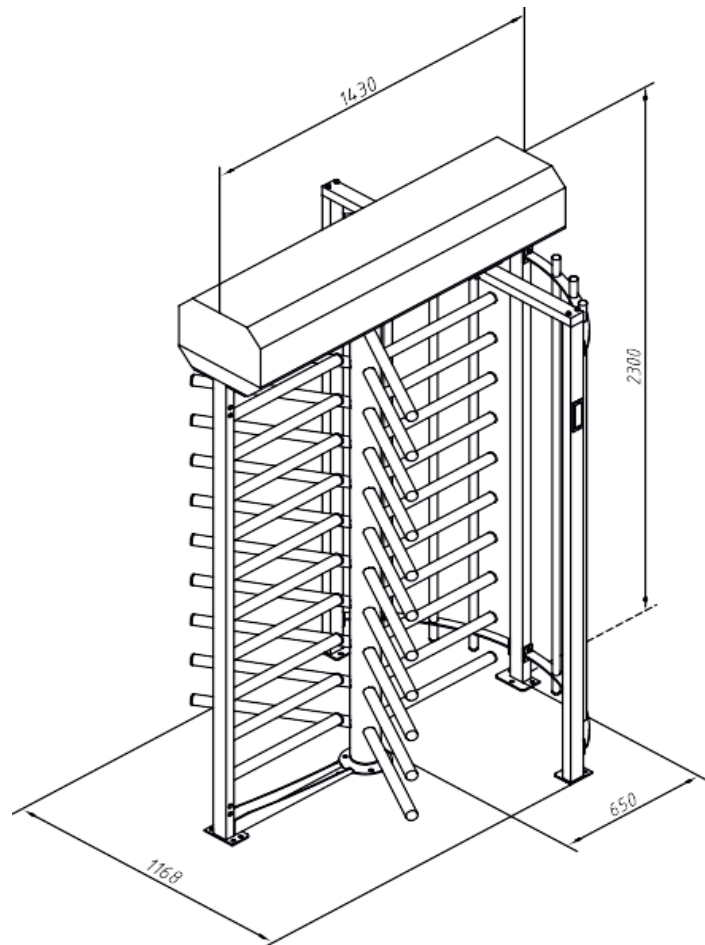
FULL HEIGHT TURNSTILES BW-Sesame

Advantages:

- Can be supplied as fully welded or in disassembled condition which has perfect effect to transportation cost;
- Turnstile is Bi-directional;
- Depending on installation place conditions and Customer's requirements can be produced of different types of material;
- Y-type or X-type of rotor for your choice available;
- Easy integration with any type of ACS;
- Low power consumption as well as low noise operation;
- Possibility of customization;
- Fail safe or fail secure for your choice;
- Indoor / outdoor application.

Product specifications:

	BW-Sesame Y type	BW-Sesame X type	BW-Sesame-L Y type	BW-Sesame-L X type
Crossing capacity in single access mode, person / min	20			
Passage width, mm	650	535	650	535
Rotor type	angle between arms 120°	angle between arms 90°	angle between arms 120°	angle between arms 90°
Mechanism	Electromechanical (standard) Servo-drive (option)		Servo-drive (standard)	
Blocking mechanism	Two electromechanical stop catches (separate locking system)			
Emergency mode	Free pass in both directions			
Power fail	Fail secure (standard) Fail safe (option)		Fail safe (standard)	
Construction features	Disassembled (standard) Full welded (option). Could be installed by a crane.			
Standard housing	Brushed SS AISI 304			
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)			
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V			
Maximum power consumption	For electromechanical – 155 W For servo-drive – 155 W		For servo-drive – 55 W	
Enclosure rating	IP 41 (for indoor installation) IP54 / IP65 (for outdoor installation)			
MCBF, cycles	1 500 000	1 500 000	1 000 000	1 000 000

FULL HEIGHT TURNSTILES BW-Sesame Basic*BW-Sesame Basic Y type*

BW-Sesame Basic is a lighter version of Sesame pedestrian turnstile gate. Less metal capacity allows significant cost reducing. At the same time, all core functions and features are available. Gate barrier will be a perfect fit for applications like temporary construction sites. Can be supplied both in fully welded or assembly (attractive for transportation) design.

FULL HEIGHT TURNSTILES BW-Sesame Basic

Advantages:

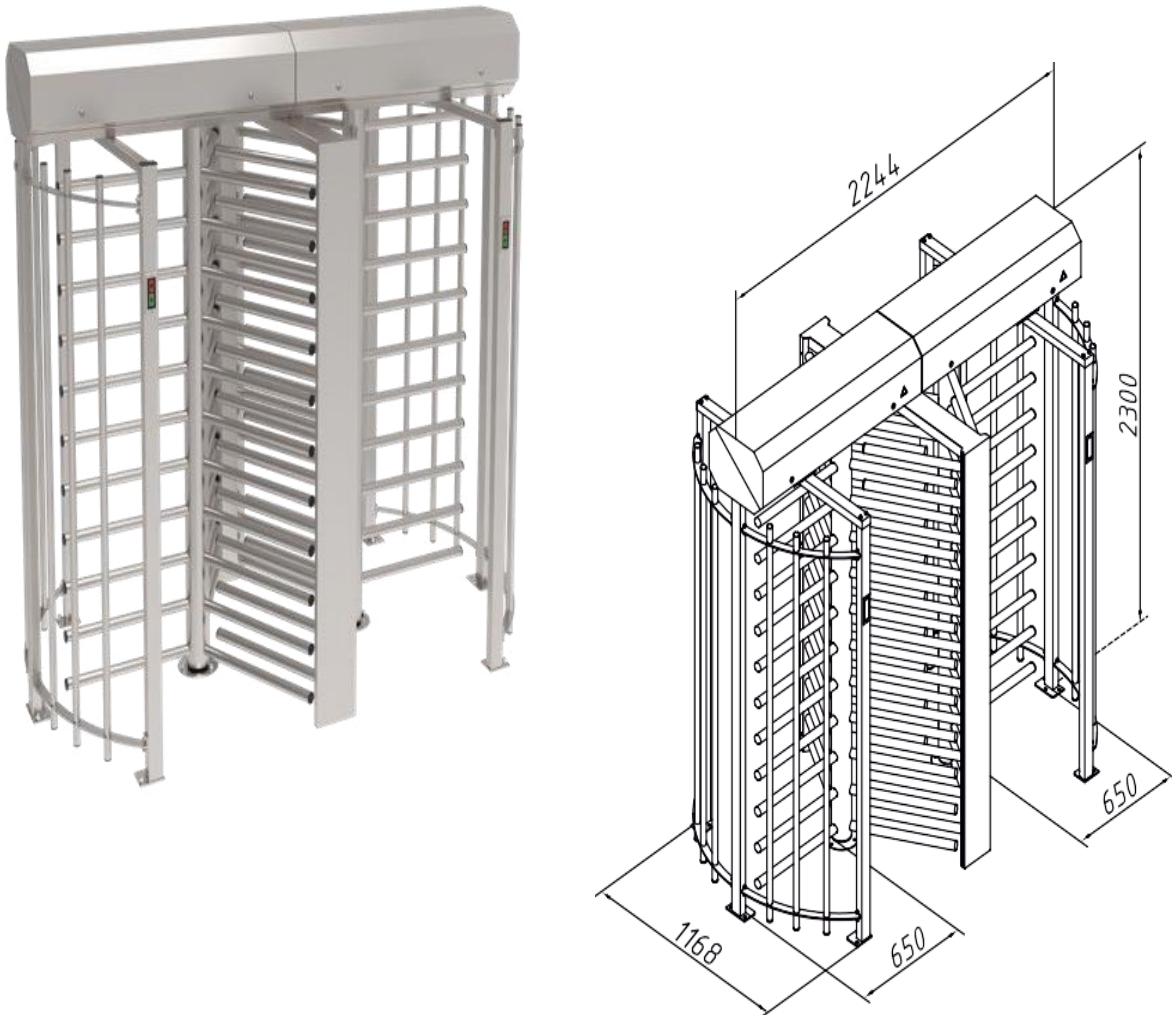
- Can be supplied as fully welded or in disassembled condition which has perfect effect to transportation cost;
- Turnstile is Bi-directional;
- Depending on installation place conditions and Customer's requirements can be produced of different types of material;
- Y-type or X-type of rotor for your choice available;
- Easy integration with any type of ACS;
- Low power consumption as well as low noise operation;
- Possibility of customization;
- Fail safe or fail secure for your choice;
- Indoor / outdoor application.

Product specifications:

	BW-Sesame Basic Y type	BW-Sesame Basic X type	BW-Sesame Basic -L Y type	BW-Sesame Basic -L X type
Crossing capacity in single access mode, person / min	20			
Passage width, mm	650	510	650	510
Rotor type	angle between arms 120°	angle between arms 90°	angle between arms 120°	angle between arms 90°
Mechanism	Electromechanical (standard) Servo-drive (option)		Servo-drive (standard)	
Blocking mechanism	Two electromechanical stop catches (separate locking system)			
Emergency mode	Free pass in both directions			
Power fail	Fail secure (standard) Fail safe (option)		Fail safe (standard)	
Construction features	Disassembled (standard) Full welded (option). Could be installed by a crane.			
Standard housing	Brushed SS AISI 304			
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)			
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V			
Maximum power consumption	For electromechanical – 155 W For servo-drive – 155 W		For servo-drive – 55 W	
Enclosure rating	IP 41 (for indoor installation) IP54/IP65 (for outdoor installation)			
MCBF, cycles	1 500 000	1 500 000	1 000 000	1 000 000

FULL HEIGHT TURNSTILES BW-Sesame Twin Y type

BW-Sesame Twin Ytype



BW-Sesame Twin is a so called double turnstile. This pedestrian security gate benefits with significant space and cost saving in comparison to two single turnstiles installed one near another. It is a perfect fit for applications with highest intensity of pedestrian traffic, like stadiums or large factories. Can be supplied both in fully welded or assembly (attractive for transportation) design.

FULL HEIGHT TURNSTILES BW-Sesame Twin Y type

Advantages:

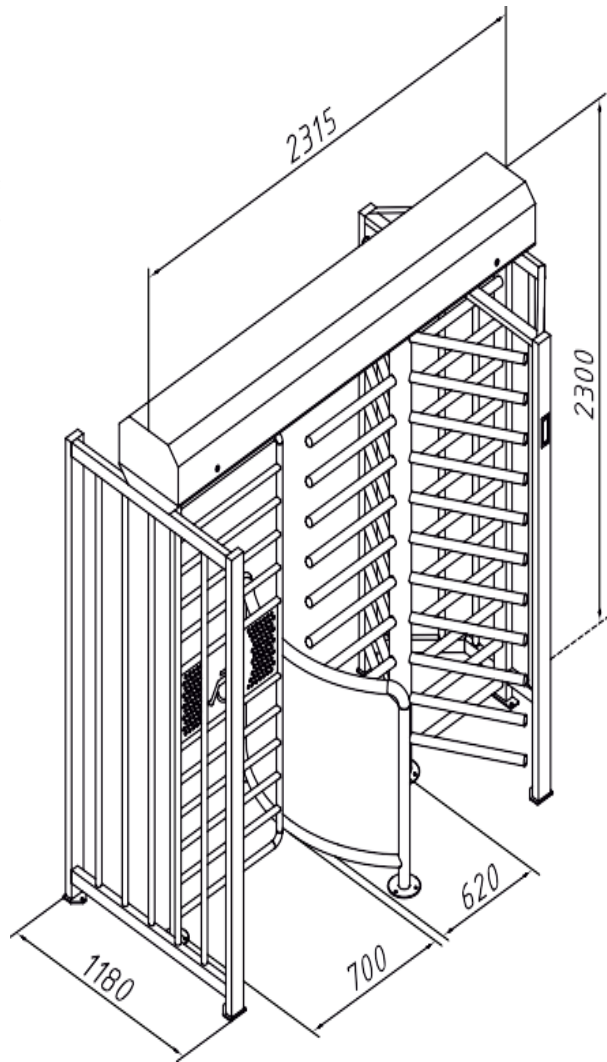
- Can be supplied as fully welded or in disassembled condition which has perfect effect to transportation cost;
- Turnstile is Bi-directional;
- Depending on installation place conditions and Customer's requirements can be produced of different types of material;
- Y-type or X-type of rotor for your choice available;
- Easy integration with any type of ACS;
- Low power consumption as well as low noise operation;
- Possibility of customization;
- Fail safe or fail secure for your choice;
- Indoor / outdoor application.

Product specifications:

	BW-Sesame Twin Y type	BW-Sesame Twin X type	BW-Sesame Twin -L Y type	BW-Sesame Twin -L X type
Crossing capacity in single access mode, person / min	20			
Passage width, mm	650	570	650	570
Rotor type	angle between arms 120°	angle between arms 90°	angle between arms 120°	angle between arms 90°
Mechanism	Electromechanical (standard) Servo-drive (option)		Servo-drive (standard)	
Blocking mechanism	Two electromechanical stop catches (separate locking system)			
Emergency mode	Free pass in both directions			
Power fail	Fail secure (standard) Fail safe (option)		Fail safe (standard)	
Construction features	Disassembled (standard) Full welded (option). Could be installed by a crane.			
Standard housing	Brushed SS AISI 304			
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)			
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V			
Maximum power consumption	For electromechanical–155 W For servo-drive–155 W		For servo-drive–55W	
Enclosure rating	IP 41 (for indoor installation) IP54 / IP65 (for outdoor installation)			
MCBF, cycles	1 500 000	1 500 000	1 000 000	1 000 000

FULL HEIGHT TURNSTILES BW-Bicyclone

BW-Bicyclone (W)



BW-Bicyclone turnstile barrier gate designed as a combination extended passage with regular single pedestrian entry point within one full height turnstile. Extended passage ensures smooth less entry of bicycles, wheelchairs, large volume belongings and materials. Can be supplied both in fully welded or assembly (attractive for transportation) design.

FULL HEIGHT TURNSTILES BW-Bicyclone

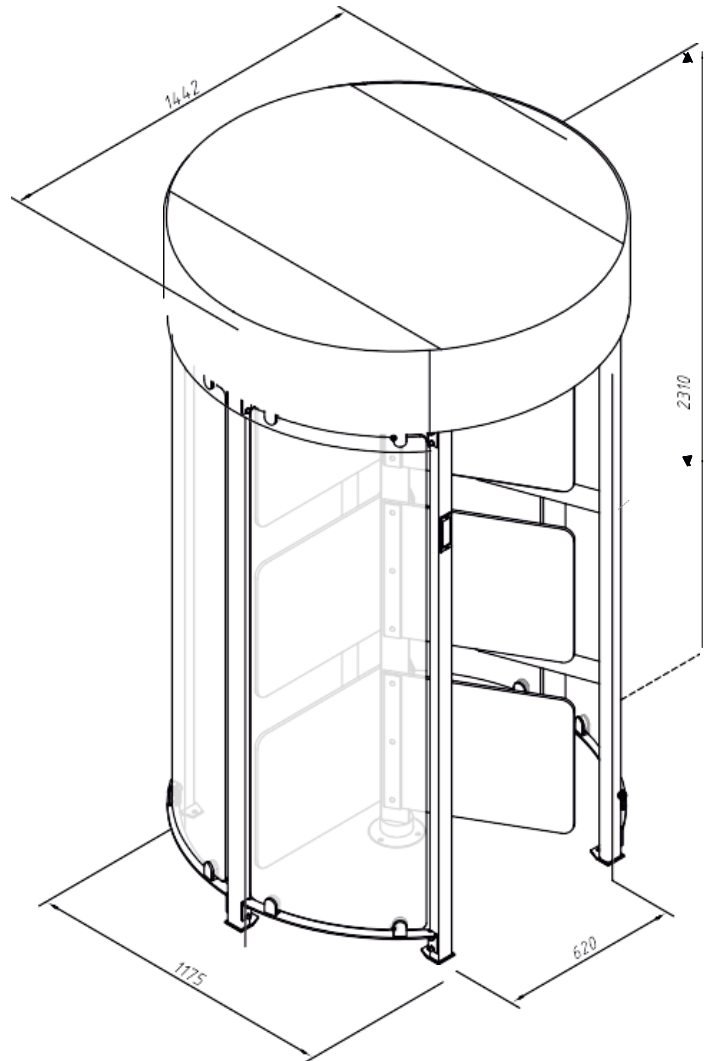
Advantages:

- Can be supplied as fully welded or in disassembled condition which has perfect effect to transportation cost;
- Turnstile is Bi-directional;
- Depending on installation place conditions and Customer's requirements can be produced of different types of material;
- Y-type or X-type of rotor for your choice available;
- Easy integration with any type of ACS;
- Low power consumption as well as low noise operation;
- Possibility of customization;
- Fail safe or fail secure for your choice;
- Indoor / outdoor application.

Product specifications:

	BW-Bicyclone 700	BW-Bicyclone 900	BW-Bicyclone-L 700	BW-Bicyclone-L 900
Crossing capacity in single access mode, person / min	20			
Passage width, mm	For rotor 650 For gate 700	For rotor 650 For gate 900	For rotor 650 For gate 700	For rotor 650 For gate 900
Rotor type	angle between arms 120°			
Gate type	For wheelchairs For bicycles			
Rotor mechanism	Electromechanical (standard) / Servo-drive (option)		Servo-drive (standard)	
Gate Mechanism	Servo-drive (standard)		Servo-drive (standard)	
Blocking mechanism	Two electromechanical stop catches (separate locking system)			
Emergency mode	Free pass in both directions			
Power fail for rotor	Fail secure (standard) / Fail safe (option)		Fail safe (standard)	
Power fail for gate	Fail safe (standard)			
Construction features	Disassembled (standard) Full welded (option). Could be installed by a crane.			
Standard housing	Brushed SS AISI 304			
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)			
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V			
Maximum power consumption	For electromechanical-155 W For servo-drive-155 W		For servo-drive-55 W	
Enclosure rating	IP 41 (for indoor installation) IP54 / IP65 (for outdoor installation)			
MCBF, cycles	1 500 000	1 500 000	1 000 000	1 000 000

FULL HEIGHT TURNSTILES BW-GlassGO

BW-GlassGO

BW-GlassGO is a glass turnstile intended for inside applications with the requirement of access control system integration. This motorized pedestrian gate combined of glass and stainless steel design elements. As an outcome, we have space and cost saving product of aesthetic performance. This type can be a perfect alternative to revolving doors.

FULL HEIGHT TURNSTILES BW-GlassGO

Advantages:

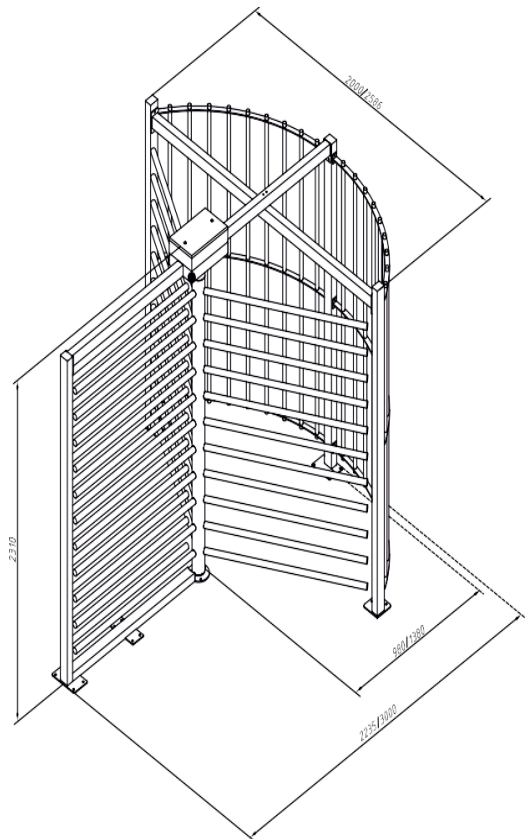
- Can be supplied as fully welded or in disassembled condition which has perfect effect to transportation cost;
- Turnstile is Bi-directional;
- Depending on installation place conditions and Customer's requirements can be produced of different types of material;
- Easy integration with any type of ACS;
- Low power consumption as well as low noise operation;
- Possibility of customization;
- Fail safe or fail secure for your choice;
- Indoor/outdoor application.

Product specifications:

	BW-GlassGO (A)	BW-GlassGO (B)	BW-GlassGO-S
Crossing capacity in single access mode , person / min	20		
Passage width, mm	650		
Rotor type	Nine glass leaves angle between arms 120°	Tree shaped glass leaves angle between arms 120°	Three solid glass leaves angle between arms 120°
Wrong way prevention	Fencing		Motion sensors (with sound alarm)
Blocking mechanism	Two electromechanical stop catches (separate locking system)		
Emergency mode	Free pass in both directions		
Power fail	Fail secure (standard) Fail safe (option)		
Standard housing	Brushed SSAISI 304		
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)		
Voltage	AC (100-240)V, 50 / 60Hz; DC source 12 V		
Maximum powerconsumption	155W		
Enclosure rating	IP41		
MCBF, cycles	1 500 000		

FULL HEIGHT TURNSTILES BW-Push&GO

BW-Push&GO



BW-Push&Go is fully mechanical type of a full height turnstile. This type of security barriers mostly applied at installations for one direction pedestrian access management. Cost effective solution which does not require any power supply. Can be supplied both in fully welded or assembly (attractive for transportation) design.

FULL HEIGHT TURNSTILES BW-Push&GO

Advantages:

- Robust construction;
- Fully mechanical;
- One directional or Bi-directional;
- High quality at a cost effective price;
- Whisper quiet, low noise operation.

Product specifications:

	BW-Push&Go	
Crossing capacity, person / min	60	
Passage width, mm	980	1380
Operation mode	CW or CCW	
Blocking mechanism	One way clutch	
Standard housing	Brushed SS AISI 304	
Available housing	Brushed SS AISI 316 / Polished SS AISI 304 / Polished SS AISI 316 / Powder coated (any RAL up on request)	

ADDITIONAL EQUIPMENT

Emergency door

Emergency Door with Magnetic Lock is designed for installation as a part of a full-height turnstile to provide a free exit in an emergency case for evacuation or in case of unavailable power to the turnstile. Also the door is used for pulling through big sized items.



Enclosure

Stylish enclosure (balustrade) is now becomes unseparatable accessory for any our turnstiles. Its design is very simple but really efficient and easy-to install. You can purchase any combination of side or middle posts with different width of glass.



ADDITIONAL EQUIPMENT

Emergency gate

Emergency gate is designed for installation at the entry points in enterprises, administrative facilities, banks and other sites to provide a free exit in an emergency case for evacuation or for pulling through big-sized items.



Mobile Platform

Mobile Platform consists of landing, enclosure, and can have any tripod turnstile attached to it. The main purpose of the Mobile Platform is to ensure quick and easy displacement of an installed tripod turnstile to a place of temporary usage.



ADDITIONAL EQUIPMENT

Card reader

Reader Post is designed for installation as a part of an access control system for enterprises, administrative facilities, banks and other sites. Elegance, lightness and simplicity make this model very popular as part of access control system.



Card collector

Card collector is great and modern solution to organize solution of temporary visitors card collection. Modern and throughout design allows to implement simple and understandable collection of cards, as well as "encashment" of these cards. LED indication under beautiful glass top lid shows status of the system (access denied or granted).



BOLLARDS



FIXED / REMOVABLE BOLLARDS



Traffic fixed bollards

BLUE WEST fixed and removable traffic bollards are widely used as static barriers in order to provide vehicle access control and parking management of secured areas. Due to bollards' design and wide variety of available models, this type of solution becomes a good addition to different urban architectural concepts.

Product specifications:

	RB344-13	RB344-16	RB344-19	RB344-21	RB344-30	RB344-36	RB344-39	RB344-31	RB344-37	RB344-40
Type	Traffic fixed bollards									
Tube diameter, mm	324				114	220	273	114	220	273
Tube height, mm	600	800	1000	1200	600			800		
Installation depth, mm	300									
Tube materials	Brushed stainless steel AISI 304 Brushed stainless steel AISI316 Galvanized and powder coated tube (any RAL up on request)									

FIXED / REMOVABLE BOLLARDS



High security fixed/removable bollards

BLUE WEST high security fixed and removable bollards are the most cost effective solution for vehicle unauthorized access prevention. Being pedestrian friendly, BLUE WEST high security bollards correspond to the requirements of anti-terroristic protection. Installation simplicity and absence of necessity in service maintenance are the main features to be outlined. On the other hand, the greatest advantage related to its mobility, when free access is required. Advanced technologies and large manufacturing experience allow BLUE WEST high security fixed bollards to be simple, reliable, and well fitting equipment.

Product specifications:

	RB343-62	RB343-65	RB343-68
Type	High security fixed / removable bollards		
Security class	Designed to keep ASTM F2656 M30	Designed to keep ASTM F2656 M40	ASTM F2656/F2656 M-15, M50, P2 (-3.8m) IWA 14-1:2013 BollardV/7200 [N2B]/80/90:4.1
Tube diameter, mm	325		
Tube height, mm	800	900	1000
Wall thickness, mm	20		
Tube materials	Galvanized and powder coated tube (any RAL up on request) Stainless steel sleeve / casing up on request		

REMOVABLE BOLLARDS



Traffic removable bollards

BLUE WEST removable traffic bollards is one more solution for vehicle access control management. The main difference to regular fixed / static bollards determined by mobility which provides free driveway in case of necessity. To get bollard unlocked, the only thing which has to be done is a simple turn of a key. The range of removable bollards available in different dimensions, blocking heights, tube's materials, and diameters. Intended for vehicle access control with little traffic intensity.

Product specifications:

	RB345-03	RB345-02	RB345-15	RB345-01	RB345-06	RB345-05	RB345-04	RB345-18
Type	Traffic removable bollards							
Tube diameter, <i>mm</i>	114	170	273	220	114	170	220	273
Tube height, <i>mm</i>	600				800			
Wall thickness, <i>mm</i>	3	4			3	4		
Installation depth, <i>mm</i>	300							
Tube materials	Brushed stainless steel AISI 304 Brushed stainless steel AISI 316. Galvanized and powder coated tube (any RAL up on request)							

SEMI-AUTOMATIC BOLLARDS

With gas-spring mechanism

BLUE WEST semi-automatic bollards is a perfect solution for effective vehicle access control under the circumstances of unavailable power supply. Semi-automatic bollards have gas spring mechanism which is locked at down position and rise rapidly when released. Being complete and independent solution, semi-automatic bollards require manual impact for driveway opening or closing.



Product specifications:

	RB343-60	RB343-61	RB343-63	RB343-64
Drive	Gas-spring mechanism			
Tube diameter, <i>mm</i>	220	273	220	273
Tube height, <i>mm</i>	600		800	
Wall thickness, <i>mm</i>	4			
Axle load, <i>t</i>	10			
Tube materials	Brushed stainless steel AISI 304 Brushed stainless steel AISI 316. Galvanized and powder coated tube (any RAL up on request)			

SEMI-AUTOMATIC BOLLARDS



With drill drive mechanism

The same like semi-automatic, BLUE WEST drill drive bollards intend to fit installations without power supply availability. The operation principle determined by the drill impact, which gets blocking segment up or down according to screw direction. This solution intends to manage traffic of low intensity and featured with outstanding lifetime, due to lack of consumables in its operation and design concept.

Product specifications:

	RB343-03	RB343-01	RB343-02	RB343-06	RB343-04	RB343-05
Drive	Drill drive mechanism					
Tube diameter, <i>mm</i>	114	220	273	114	220	273
Tube height, <i>mm</i>	600			800		
Wall thickness, <i>mm</i>	3	4		3	4	
Axle load, <i>t</i>	10					
Tube materials	Brushed stainless steel AISI 304 Brushed stainless steel AISI 316 Galvanized and powder coated tube (any RAL up on request)					

AUTOMATIC BOLLARDS



High-security automatic bollards

BLUE WEST automatic high security bollards intend to prevent vehicles unauthorized access to secured areas and keep the highest level of antiterrorism protection. It demanded for installation sites with high risk of heavy vehicle attack: public places (stadiums, fairgrounds), governmental institutions, or military infrastructures etc. This type of equipment can be easily connected with ACS and other vehicle access control equipment (arm barriers etc.).

Product specifications:

	RB348	RB342
Type	High security hydraulic bollards	
Security class	ASTM F2656-07, M30, P1(-1.2m)	ASTM F2656-07, M50, P1(-0.6m)
Tube diameter, mm	325	325
Tube height, mm	1000	1200
Wall thickness, mm	20	20
Impact resistance, J	679 900	1845 000
Axle load, t	15	
Rising/Lowering time, s (+/- 1s)	4,0/3,5	
Operating temperature*, °C	-40 / +60	
Power supply	3 phase 400V, 50 / 60 Hz	
Protection level	IP 67 (for bollard) IP54 (for control box)	
Tube materials	Galvanized and powder coated tube (any RAL up on request) Stainless steel sleeve / casing up on request	

*for temperatures lower than -10 °C use the heating device / for temperatures higher than +40 °C use the cooler device.

AUTOMATIC BOLLARDS

Traffic automatic bollards

BLUE WEST automatic bollards are engineered in order to provide maximum operation durability. Traffic bollards is the perfect choice for installations at private and other areas without strict requirement to antiterrorism protection. All equipment is designed and tested for high intensity operation.

Product specifications:

	RB343-21	RB343-23	RB349-11	RB349-12	RB343-24	RB343-26	RB349-14	RB349-15
Type	Traffic hydraulic bollards							
Tube diameter, <i>mm</i>	114	170	220	273	114	170	220	273
Tube height, <i>mm</i>	600				800			
Wall thickness, <i>mm</i>	3	5	4	8	3	5	4	8
Axle load, <i>t</i>	15							
Rising/Lowering time, <i>s (+ / - 1s)</i>	7,0/5,5				9,0/8,0			
Operating temperatures*, °C	-40 / +60							
Power supply	1 phase 230V, 50 / 60 Hz							
Protection level	IP 67 (for bollard) IP 55 (for control box)							
Tube materials	Brushed stainless steel AISI 304 Brushed stainless steel AISI 316. Galvanized and powder coated tube (any RAL up on request)							

ROAD BLOCKERS



CITY-LIGHT CYCLOPES



City-light Cyclopes is an outstanding part of BLUE WEST traffic barriers range. This type of equipment intends to manage pedestrian friendly vehicle access control. In difference to bollards, Cyclope does not require big installation depth. This kind of approach is a good solution to simplify installation and service maintenance procedures. All features in common make Cyclope well applicable solution to the widest range of projects with large scope of requirements.

Product specifications:

	RB319-01
Installation type	Shallow mounted
Drive	Hydraulic
Width (W), mm	265
Height (H), mm	605
Axle load, t	15
Rising time, s (+ / - 1s)	5,0
Lowering time, s (+ / - 1s)	4,0
Operating temperatures*, °C	-40/ +40
Power supply	1 phase 230V, 50 / 60 Hz
Protection level	IP 67 (for road blocker) IP 54 (for control box)
Materials	Brushed stainless steel AISI 304; Structural steel C22 (powder coated)

*for temperatures lower than -10 °C use the heating device. or temperatures higher than +40 °C use the cooler device

HIGH SECURITY CYCLOPES



High security Cyclopes ensure highest level of anti-terrorism protection. As far as it was certified according to ASTM F2656 / F2656- 15, M40, P1(-1,7) & IWA14-1, Blocker V/7200[N2B] / 64/90:12.1 standards. The blocking segment is operated from outside control box with HPU and PLC in it. Interconnection between two elements provided via connection and power/oil hoses.

Product specifications:

	RB320-01	RB320-02	RB320-03
Security class	Designed to keep F2656, M30 (K4) standard	ASTM F2656/F2656 M-15, M40, P1(-1.7m) IWA 14-1:2013 Blocker V / 7200 [N2B]/64 / 90:-0,2	Designed to keep ASTM F2656, M50 (K12) standard
Installation type	Shallow mounted		
Drive	Hydraulic (HPU)		
Width (W), mm	500	500	500
Height (H), mm	800	900	1100
Impact resistance, J	656 000	1 110 000	1 680 000
Axle load, t	15		
Rising time, s (+/- 1s)	5,5	5,6	6,0
Lowering time, s (+/- 1s)	3,3	3,4	3,6
Operating temperatures*, °C	-40 / +60		
Power supply	3 phase 400V, 50/60 Hz		
Protection level	IP 67 (for road blocker) IP 54 (for control box)		
Materials	Structural steel C22 (powder coated)		

*for temperatures lower than -10 °C use the heating device. or temperatures higher than +40 °C use the cooler device

CITY-LIGHT SPEEDBUMPS



Its biggest advantage relates to installation type options, including both surface/ above the ground and shallow mounting / ground level installations, with frequent use at high intensity mode all the same. Dealing with surface/above the ground installation, at raised position BLUE WEST serves like a regular wedge barrier. When closed, it performs the function of a speed hump. In this case, we also get the benefit of equipment mobility, as user is able to remove it from the driveway if necessary.

Product specifications:

	RB357-02	RB357-03	RB357-04
Installation type	Shallow mounted / Above the ground (with ramps)		
Drive	Hydraulic (HPU)		
Width (W), mm	2000	3000	4000
Height, mm	350		
Axle load, t	15		
Rising time, s (+/- 1s)	5,0	7,5	10,0
Lowering time, s (+/- 1s)	4,0	4,7	4,8
Operating temperatures*, °C	-40 / +60		
Power supply	1 phase 230 V, 50 / 60 Hz		
Protection level	IP 67 (for road blocker) IP 54 (for control box)		
Materials moving part	Structural steel C22 (powder coated)		
Materials ramps	Structural rubber		

*for temperatures lower than -10 °C use the heating device. or temperatures higher than +40 °C use the cooler device

HIGH SECURITY SPEEDBUMPS



This type of equipment has the same engineering principle and optional functionality as previously described City-Light Speedbumps. However, being certified according to ASTM F2656 / F2656-15, M30, P1(-0.67m) & IWA14-1, Blocker V/7200[N2B] / 48/90:0,3 standards, this access control equipment is useful to provide anti-terroristic protection level. The standard delivery set includes blocking segment, control box with HPU and PLC, connection cable, power/oil hoses, and push button control unit. Herewith large list of accessories enables its adapting to various severe weather and environment conditions. Well selected list of available blocking widths, together with availability of customized solutions, installation simplicity, and high security are useful to get a wide extension of successful projects.

HIGH SECURITY SPEEDBUMPS



Product specifications:

	RB359-02	RB359-03	RB359-04
Security class	ASTM F2656/F2656 M-15, M30, P1(-0.67m) IWA 14-1:2013 Blocker V/7200 [N2B]/48/90:0,3		
Installation type	Shallow mounted / Above the ground (with ramps)		
Drive	Hydraulic (HPU)		
Width (W), mm	2000	3000	4000
Height (H), mm	500		
Impact resistance, J	664 000		
Axle load, t	15		
Rising time, s	3,5 (1,5 with EFO)		
Lowering time, s	3,5		
Operating temperatures*, °C	-40 / +60		
Power supply	3 phase 400V, 50 / 60 Hz		
Protection level	IP 67 (for blocker) IP 54 (for control box)		
Materials moving part	Structural steel C22 (powder coated)		
Materials ramps	Structural rubber		

*for temperatures lower than -10 °C use the heating device. or temperatures higher than +40 °C use the cooler device

HIGH SECURITY MOBILE SPEEDBUMPS



BLUE WEST high security Mobile Speedbumps are reliable compact solution to provide security of your territory. It does not require any installation to the ground. High security Mobile Speedbump was tested and certified according to ASTM F2656 / F2656-18a and IWA14-1:2013 standards. Key advantages of Mobile Speedbumps M30.

Full mobility of crash-rated, automatic wedge barrier easy, application setting up within 10 minutes simply by delivering to the site unloading plug in to the power, no civil works required, no anchors / no bolts.

High security Mobile Speedbump has warning LED indication and warning painting. Also can be interfaced with any ACS. Ideal for organizing temporary protection of driveways during public events (fairs, festivals, weekly markets, public holidays etc.).

HIGH SECURITY MOBILE SPEEDBUMPS

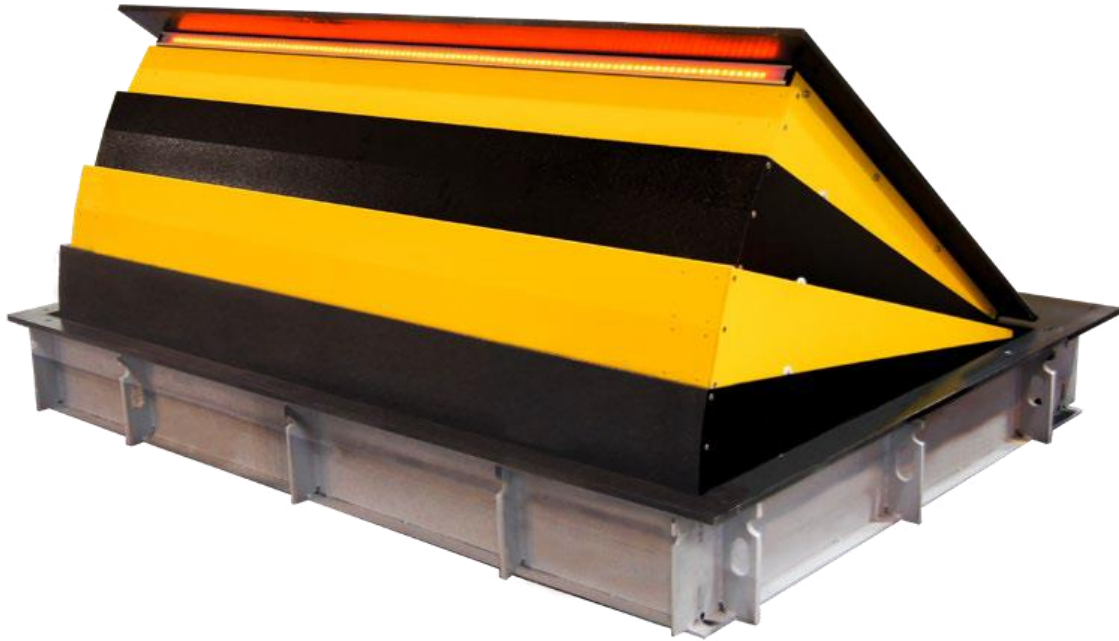


Product specifications:

	RB358-06	RB358-07	RB358-08
Security class	ASTM F2656/F2656M-18a, M30, P2 (4.6 m) IWA 14-1:2013, Blocker V/7200[N2B]/48/90:5.3		
Installation type	Above the ground		
Drive	Hydraulic (build-in)		
Width, mm	2000	3000	4000
Height, mm	570		
Impact resistance, J	673 000		
Axle load, t	15		
Rising time, s	5,0	7,5	8,0
Lowering time, s	4,0	6,0	6,0
Operating temperatures*, °C	-40 / +40		
Power supply	3 phase 400V, 50/60 Hz (standart) 1 phase 230**V, 50/60 Hz (optional)		
Protection level	IP 67 (for road blocker) IP 54 (for control box)		
Materials	Structural steel (galvanized and powder coated)		

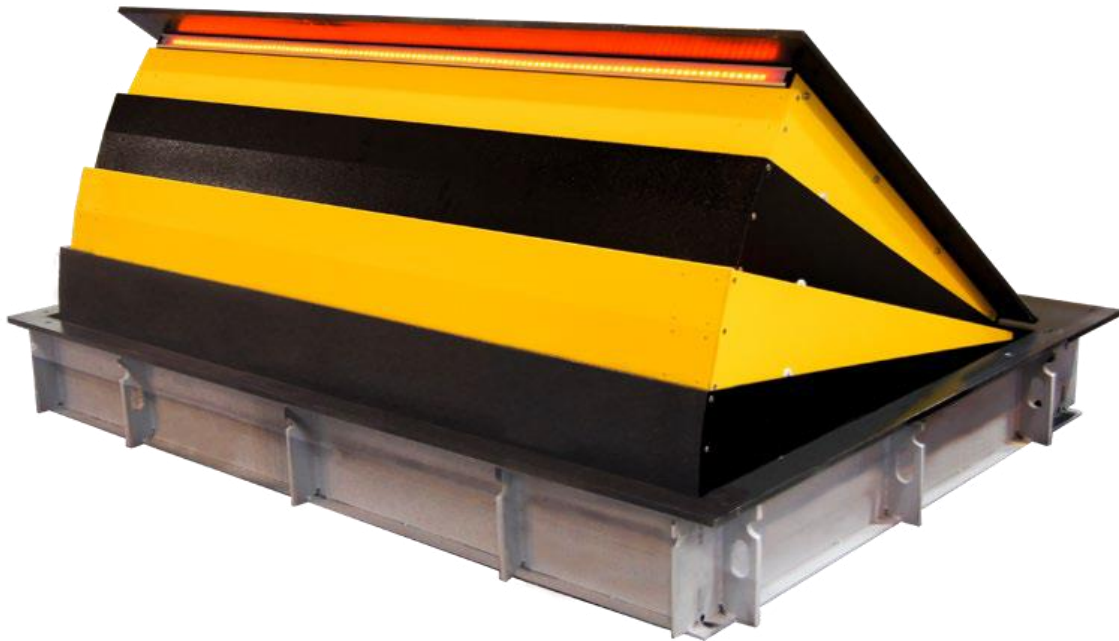
*for temperatures lower than -10 °C use the heating device. or temperatures higher than +40 °C use the cooler device

HIGH SECURITY ROAD BLOCKERS



High security road blockers engineered and designed to prevent unauthorized access of vehicles to a secured area and keep the standards of antiterrorism protection. This is heavy duty equipment for projects with appropriate requirements. BLUE WEST road blockers has successfully passed crash test and certified according to ASTM F2656-07, M50, P1 (-2,4m) and ASTM F2656-07, M30, P1 (-2,1m). Being developed by engineers with extensive background in appropriate field, this type of wedge barriers is featured with installation simplicity, easy service, reliability, durability, and multi functionality.

HIGH SECURITY ROAD BLOCKERS



Product specifications:

	RB312	RB313	RB314	RB322	RB323	RB324	RB332	RB333	RB334
Security class	Certified ASTM F2656-07, M30, P1(-2.1m)			Designed to keep ASTM F2656 M40 standard			Certified ASTM F2656-07, M50, P1(-2.4m)		
Installation type	Shallow mounted								
Drive	Hydraulic (HPU)								
Width, mm	2000	3000	4000	2000	3000	4000	2000	3000	4000
Height, mm	800			1000			1200		
Impact resistance, J	656 000			1 110 000			1 680 000		
Axle load, t	15								
Rising time, s (+/- 1s)	3,5 (1,5 with EFO)			3,5 (1,5 with EFO)			3,5 (1,8 with EFO)		
Lowering time, s (+/- 1s)	3,5			2,0			3,5		
Operating temperatures*, °C	-40 / +60								
Power supply	3 phase 400V, 50 / 60 Hz								
Protection level	IP 67 (for road blocker) IP 54 (for control box)								
Materials	Structural steel C22 (powder coated)								

*for temperatures lower than -10 °C use the heating device. or temperatures higher than +40 °C use the cooler device

BLUE WEST AUTOMATIC TIRE-KILLERS



BLUE WEST Tire-Killers are affordable and at the same time efficient solution for vehicle access control management. Among available configurations, we should stress out installation type options (surface /above the ground or shallow/ground level), one or two directional driveway control, and spikes of varied lengths. The diversity of options enables this traffic barriers to be widely applicable for projects at different sorts of area. The concept of built-in hydraulic unit advances equipment to be suitable for installations under severe climate conditions, as well as for projects which require large distances between PLC and blocking segment.

BLUE WEST AUTOMATIC TIRE-KILLERS



Product specifications:

	RB373-02	RB373-03	RB373-04	RB370-02	RB370-03	RB370-04
Installation type	Shallow mounted / Above the ground (with ramps)					
Drive	Hydraulic (HPU)					
Spikes direction	One-directional			Bi-directional		
Width, <i>mm</i>	2000	3000	4000	2000	3000	4000
Height, <i>mm</i>	170					
Axle load, <i>t</i>	15					
Rising time, <i>s (+/- 1s)</i>	1,5					
Lowering time, <i>s (+/- 1s)</i>	1,0					
Operating temperatures, * °C	-40 / +60					
Power supply	1 phase 230 V, 50 / 60 Hz					
Protection level	IP 67 (for road blocker) IP 54 (for control box)					
Material	Structural steel C22 (powder coated)					

*for temperatures lower than -10 °C use the heating device. or temperatures higher than +40 °C use the cooler device

BLUE WEST MECHANICAL TIRE-KILLERS



Mechanical tire killers is a good choice for vehicle access control projects without available power supply. BLUE WEST offers two types of such devices: springs or lever drive. In the first case, spikes always remain raised and one direction free to pass. Dealing with lever operated tire killers, you get three operation modes: spikes up and blocked to both directions, spikes down and blocked, spikes up and free to one direction. The range is classified according to variety of blocking widths and spikes lengths. Also, we should mention optional installation configurations: surface / above the ground or submerge / ground level.

BLUE WEST MECHANICAL TIRE-KILLERS



Product specifications:

	RB379-06	RB379-07	RB379-16	RB379-17
Installation type	Above the ground (with ramps)		Shallow mounted	
Drive	Mechanical			
Spikes direction	One-directional			
Width, mm	2000	3000	2000	3000
Height, mm	80			
Axle load, t	15			
Material	Structural steel C22 (powder coated)			

BLUE WEST AUTOMATIC BOOM BARRIERS



AUTOMATIC BOOM BARRIER is equipped with a operator of opening and closing blocks. housing is available in different RAL colors. high speed of operation makes arm barriers providing high territory security. it should be installed nearby exit / entrance gates and operates in complex with a parking system devices to provide high security access.

PRODUCT SPECIFICATIONS:

	BW-Optimus 40	BW-Optimus 60
Drive	Electro-mechanical	
Arm length*, mm	2000-4000	5000-6000
Opertion mode	Left / right version	
Raising / lowering time, sec	1,5	3,0
Weight, kg (notmore)	65	75
Power supply	1phase 230V, 60/60Hz	
Mechanism	Geared AC motor	
Protection class	IP 54	
Operation temperature, °C	-30 / +40	
Standard housing	Pewder coated AISI 430	
Available housing	Brushed SS AISI316	

*OTHER ARM LENGTH IS AVAILABLE UP
ON REQUEST

Thank you for your attention