



BEYOND SECURITY

**KABA**<sup>®</sup>

# Argus Sensor Barriers Argus Sensor Gates

### Contactless solution for access control

«When designing our head office we attached great importance to aesthetics and comfort. As many members of staff carry briefcases we definitely wanted a contactless solution for access control. But, of course, we wanted it to be quick and efficient, too - after all, we have over 4000 employees and visitors coming in and out every day! The sensor barriers and gates fulfill these requirements and harmonize perfectly with the foyer surroundings. »





# Elegant Argus Sensor Barriers and Sensor Gates

## Two product lines

The units of the Argus product family consist of a sensor-controlled passageway with automatic doors in different versions. They allow for comfortable contactless access even with bags or luggage. There are two product lines available, depending on how the door wings open.

### Slender Argus HSB (Half-height Sensor Barriers)

The well proven HSB Sensor Barriers are equipped with swing doors and allow for customized design combinations thanks to a variety of materials and finishes. You can choose between stainless steel housing and transparent side walls - matching the design of the entrance area. Moreover the sensor barriers are available in three different lengths - depending on the sensor system used and the level of security desired.

### Argus HSG (Half-height Sensor Gates)

The HSG Sensor Gates are equipped with sliding doors available in different heights. Further features are the premium sensor system and the solid stainless steel housing. For a passage, the sliding panels move swiftly into the housing.

#### HSB Sensor Barriers

Throughput rate	=	up to 30 per minute
Security level	=	●●●○○
Comfort	=	●●●●●
Staff supervision	=	yes

#### HSG Sensorpassagen

Throughput rate	=	up to 30 per minute
Security level	=	●●●○○
Comfort	=	●●●●●
Staff supervision	=	no (using 1800 mm door wings)



Handicapped access may be realized with a larger passage width of sensor barriers or with automatic swing doors in matching design for sensor gates.

## Advantages of Argus Sensor Barriers and Sensor Gates

The modular combination of personal safety, throughput rate and design allows for individual entrance situations.

### HSB Sensor Barriers

- > comfortable passage, also with bags and luggage
- > no contact with swing doors
- > high throughput rate and high personal safety at the same time
- > different security levels for diverse security demands
- > versatile transparent designs
- > modular system with basic and extension units for multi-passage installations
- > doorwings open always in direction of passage
- > automatic prevention of crawling under (note security level)
- > acoustic alarm when used without authorization
- > detection of children (note security level)
- > special width 900 available for handicapped access

### HSG Sensor Gates

- > comfortable passage, also with bags and luggage
- > no contact with door wings
- > high throughput rate and high personal safety at the same time
- > robust stainless steel housing
- > modular system with basic and extension units for multi-passage installations
- > automatic prevention of crawling under (note security level)
- > acoustic alarm when used without authorization
- > detection of children (note security level)

# A smart solution for any entrance



Stylish integration of card reader/  
Unit with wooden hand rail



Sensor barriers stylishly integrated  
into classical environment



Type and number of turnstiles  
depend on number of visitors and  
peak times



Slender profile made to match the  
futuristic interior design perfectly

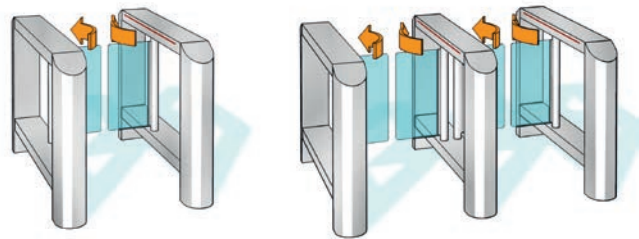


Double access control - sensor  
barrier with extension units



Display with green and red signals  
shows clearly if the way is barred or  
free

# Sensor Barriers



## Basic equipment

### Note

<b>Construction</b>	Interlock height
	Interlock length
	Passage width
	Total width
	Housing, base columns, guiding elements
	Barrier elements

### Finish

### Function

Drives

Operation modes

### Electrical components

Standard adjustment in case of power failure

### Installation

## HSB-E10

Description of single unit.

1020

1470

650

1050

Stainless steel satin finish AISI 304.

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Rotation angle monitored by separation sensors.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 0.

Entrance sector monitored by simple sensor system in short overall length (simple level of single passage regulation in both directions).

Closed.\*\*

Control system and power supply integrated in the unit.

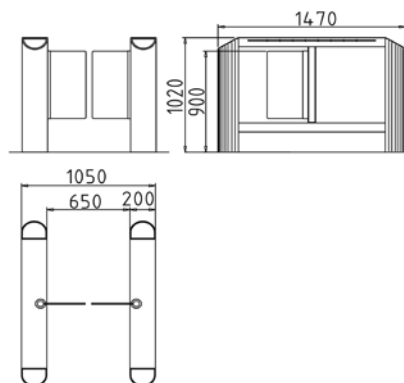
Power supply 110 - 230 VAC, 50/60 Hz.

Standby power consumption 17 VA.

Door leaves can be moved freely!

Dowelled on finished floor level FFL.

Not suitable for outdoor installation!

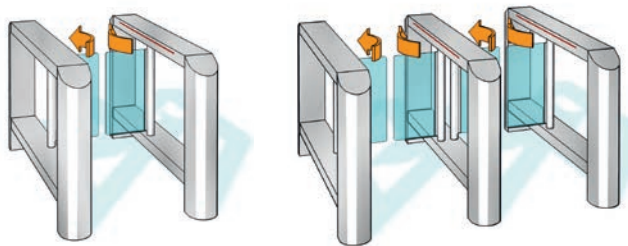


\* Type 2: power assisted motion; two servo-positioning drives/electrically controlled in both directions

\*\* **Basic position open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorization.

**Basic position closed** „night-operation“: The barrier elements open automatically for authorized persons in the passage direction and then close again after passage.

All dimensions in mm



### HSB-E02

Description of single unit.

1020

1760

650

1050

Stainless steel satin finish AISI 304.

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Rotation angle monitored by separation sensors.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 1.

Entrance sector monitored by basic sensor system in compact overall length (basic level of single passage regulation in both directions).

Open or closed. \*\*

Control system and power supply integrated in the unit.

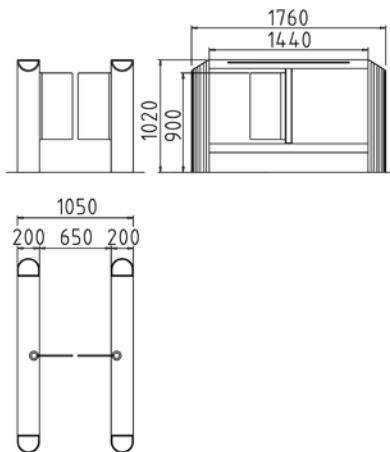
Power supply 110 - 230 VAC, 50/60 Hz.

Standby power consumption 17 VA.

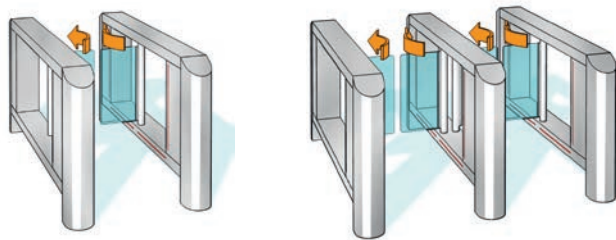
Door leaves can be moved freely!

Dowelled on finished floor level FFL.

Not suitable for outdoor installation!



# Sensor Barriers



## Basic equipment

### Note

<b>Construction</b>	Interlock height
	Interlock length
	Passage width
	Total width
	Housing, base columns, guiding elements
	Barrier elements

### Finish

### Function

Drives
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Operation modes
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### Electrical components

Standard adjustment in case of power failure
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### Installation

### Protection class

## HSB-E04

Description of single unit.

1020

2050

650

1050

Stainless steel satin finish AISI 304.

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Rotation angle monitored by separation sensors.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 2.

Entrance sector monitored by enhanced sensor system in optimized overall length and adjustment (increased level of single passage regulation in both directions). Integrated sneak-by guard, detection of children and trolley cases.

Open or closed. \*\*

Control system and power supply integrated in the unit.

Power supply 110 - 230 VAC, 50/60 Hz.

Standby power consumption 17 VA.

Door leaves can be moved freely!

Dowelled on finished floor level FFL.

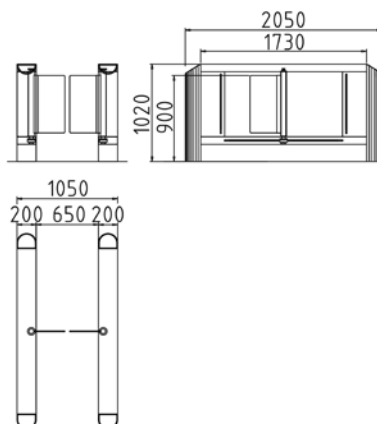
Not suitable for outdoor installation!

Housing IP43, components conducting supply voltage IP43.

\* Type 2: power assisted motion; two servo-positioning drives/electrically controlled in both directions

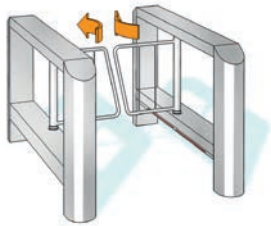
\*\* **Basic position open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorization.

**Basic position closed** „night-operation“: The barrier elements open automatically for authorized persons in the passage direction and then close again after passage.



All dimensions in mm





### HSB-M01

Description of single unit.

1020

1760

900

1300

Stainless steel satin finish AISI 304.

Two door leaves made from curved stainless steel tubes,  $\varnothing$  26.9 mm, with vertical bars 10 mm, upper edge of the bow 900 mm.

Rotation angle monitored by a light curtain.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 1.

Passage area monitored by sensors beneath the barrier elements and inductions loops embedded in the floor (single passage regulation with bike in both directions).

Closed.\*\*

Control system and power supply integrated in the unit.

Power supply 110 - 230 VAC, 50/60 Hz.

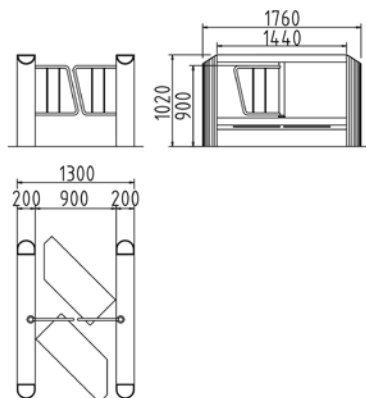
Standby power consumption 17 VA.

Door leaves can be moved freely!

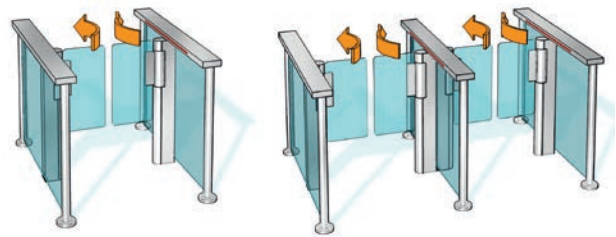
Dowelled on finished floor level FFL.

Suitable for outdoor installation!

Housing IP54, components conducting supply voltage IP54.



# Sensor Barriers



## Basic equipment

### Note

<b>Construction</b>	Interlock height
	Interlock length
	Passage width
	Total width
Housing, base columns, guiding elements	

Barrier elements

### Finish

### Function

Drives

Operation modes

## Electrical components

Standard adjustment in case of power failure

## Installation

## Protection class

## HSB-E11

Description of single unit.

945

1290

650

1070

Stainless steel tube AISI 304 Ø 60 mm with 10 mm toughened glass panel and stainless steel bar handle AISI 304 with integrated sensor system.

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Rotation angle monitored by separation sensors.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 0.

Entrance sector monitored by simple sensor system in short overall length (simple level of single passage regulation in both directions).

Closed.\*\*

Control system and power supply integrated in the unit.

Power supply 110 - 230 VAC, 50/60 Hz.

Standby power consumption 17 VA.

Door leaves can be moved freely!

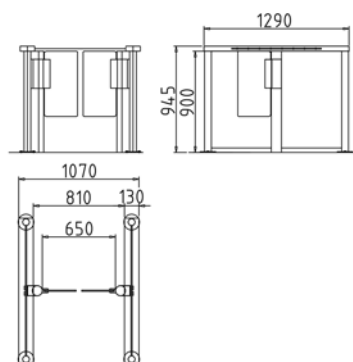
Dowelled on finished floor level FFL.

Not suitable for outdoor installation!

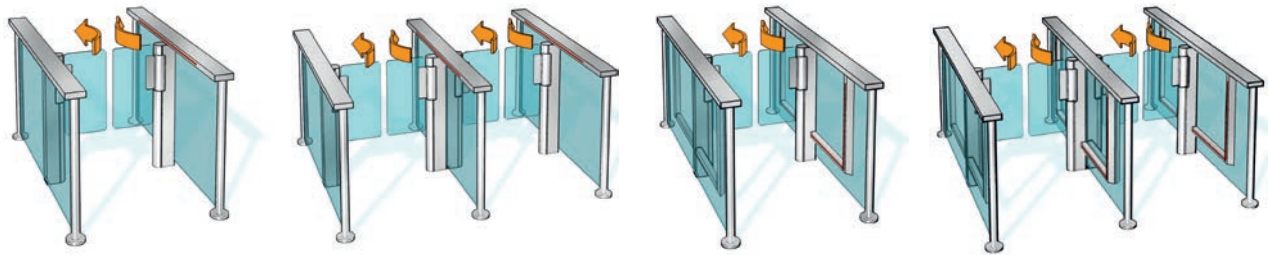
\* Type 2: power assisted motion; two servo-positioning drives/electrically controlled in both directions

\*\* **Basic position open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorization.

**Basic position closed** „night-operation“: The barrier elements open automatically for authorized persons in the passage direction and then close again after passage.



All dimensions in mm



### HSB-E07

Description of single unit.

945

1660

650

1070

Stainless steel tube AISI 304 Ø 60 mm with 10 mm toughened glass panel and stainless steel bar handle AISI 304 with integrated sensor system.

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Rotation angle monitored by separation sensors.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 1.

Entrance sector monitored by basic sensor system in compact overall length (basic level of single passage regulation in both directions).

Open or closed.\*\*

Control system and power supply integrated in the unit.

Power supply 110 - 230 VAC, 50/60 Hz.

Standby power consumption 17 VA.

Door leaves can be moved freely!

Dowelled on finished floor level FFL.

Not suitable for outdoor installation!

### HSB-E08

Description of single unit..

945

2010

650

1070

Stainless steel tube AISI 304 Ø 60 mm with 10 mm toughened glass panel and stainless steel bar handle AISI 304 as well as vertical and horizontal sensors mounted on the guiding elements.

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Rotation angle monitored by separation sensors.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 2.

Entrance sector monitored by enhanced sensor system in optimized overall length and adjustment (increased level of single passage regulation in both directions). Integrated sneak-by guard, detection of children and trolley cases.

Open or closed.\*\*

Control system and power supply integrated in the unit.

Power supply 110 - 230 VAC, 50/60 Hz.

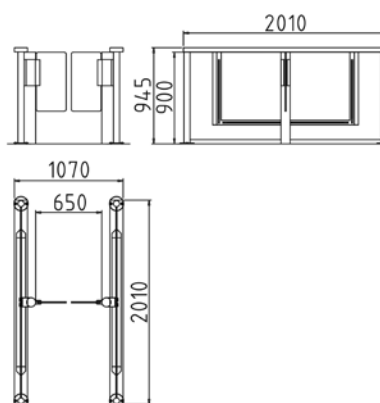
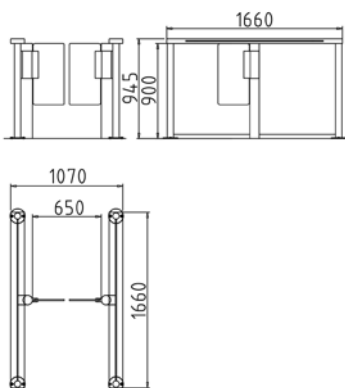
Standby power consumption 17 VA.

Door leaves can be moved freely!

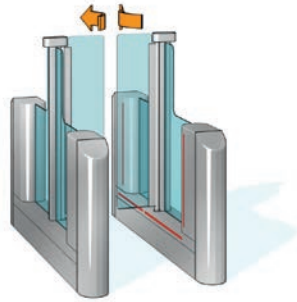
Dowelled on finished floor level FFL.

Not suitable for outdoor installation!

Housing IP32, components conducting supply voltage IP42



# Sensor Barriers and Sensor Gates



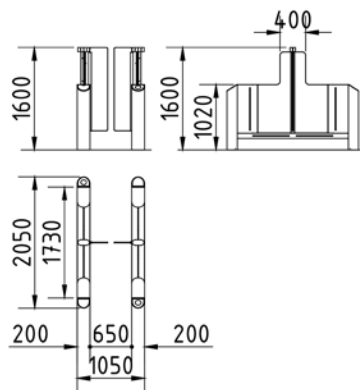
<b>Basic equipment</b>	<b>HSB-E12</b>
<b>Note</b>	Description of single unit.
<b>Construction</b>	1600
Interlock height	2050
Interlock length	650
Passage width	1050
Total width	Stainless steel satin finish AISI 304.
Housing, base columns, guiding elements	Two door leaves made of transparent polycarbonate, upper edge 1.600 mm.
Barrier elements	Rotation angle monitored by separation sensors.
	Stainless steel satin finish.
<b>Finish</b>	Type 2 *
<b>Function</b>	Integrated in the rotating tube.
Drives	Security level 2.
	Entrance sector monitored by enhanced sensor system in optimized overall length and adjustment (increased level of single passage regulation in both directions). Integrated sneak-by guard, detection of children and trolley cases.
Operation modes	Open or closed.**
<b>Electrical components</b>	Control system and power supply integrated in the unit.
	Power supply 110 - 230 VAC, 50/60 Hz.
Standard adjustment in case of power failure	Standby power consumption 17 VA.
<b>Installation</b>	Door leaves can be moved freely!
	Dowelled on finished floor level FFL.
	Not suitable for outdoor installation!
<b>Protection class</b>	Housing IP43, components conducting supply voltage IP43.

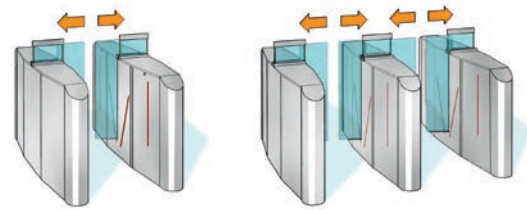
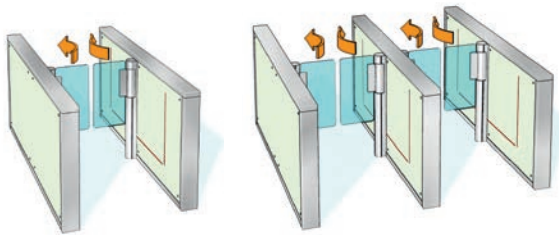
\* Type 2: power assisted motion; two servo-positioning drives/electrically controlled in both directions

\*\* **Basic position open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorization.

**Basic position closed** „night-operation“: The barrier elements open automatically for authorized persons in the passage direction and then close again after passage.

All dimensions in mm





### HSB-S05

Description of single unit.

945

2010

650

1070

Rectangular stainless steel posts AISI 304 with 8 mm toughened satined glass panel and stainless steel bar handle AISI 304 as well as vertical and horizontal sensors mounted on the guiding elements.

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Rotation angle monitored by separation sensors.

Stainless steel satin finish.

Type 2 \*

Integrated in the rotating tube.

Security level 2.

Entrance sector monitored by enhanced sensor system in optimized overall length and adjustment (increased level of single passage regulation in both directions).

Integrated sneak-by guard, detection of children and trolley cases.

Open or closed.\*\*

Control system and power supply integrated in the unit.

Power supply 110 - 230 VAC, 50/60 Hz.

Standby power consumption 17 VA.

Door leaves can be moved freely!

Dowelled on finished floor level FFL.

Not suitable for outdoor installation!

Housing IP32, components conducting supply voltage IP42.

### HSG-E01

Description of single unit.

1020

2050

600

1240

Stainless steel satin finish AISI 304.

Two barrier elements made of tempered safety glass, upper edge 1200 mm (max. 1800 mm, see options).

Range of movement is monitored by a light curtain.

Stainless steel satin finish.

Type 2 \*

Integrated in housing.

Security level 2.

Entrance sector monitored by enhanced sensor system in optimized overall length and adjustment (increased level of single passage regulation in both directions).

Integrated sneak-by guard, detection of children and trolley cases.

Open or closed.\*\*

Control system and power supply integrated in the unit.

Power supply 110 - 230 VAC, 50/60 Hz.

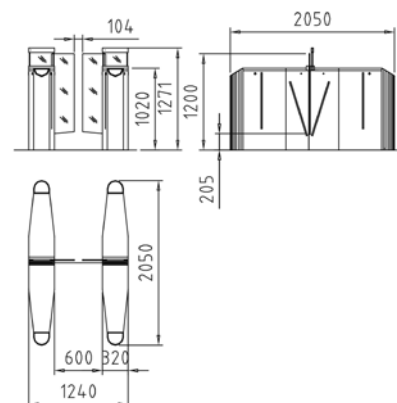
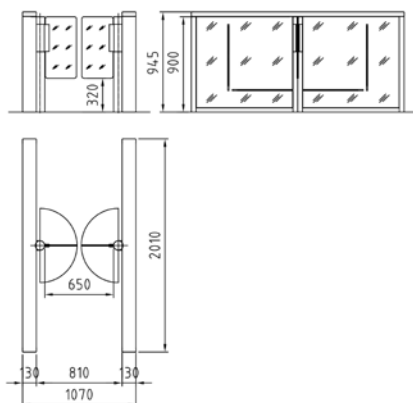
Standby power consumption 17 VA.

The barrier elements open.

Dowelled on finished floor level FFL.


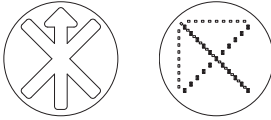
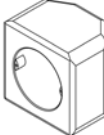
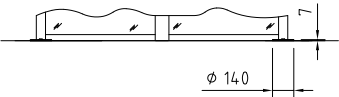
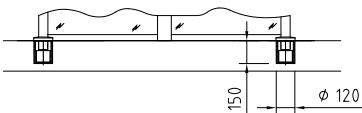
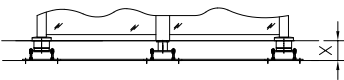
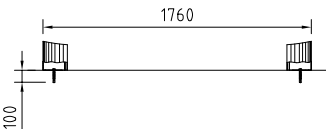
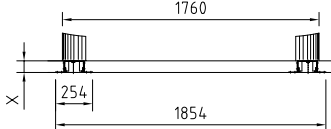
Not suitable for outdoor installation!

Housing IP32, components conducting supply voltage IP42.



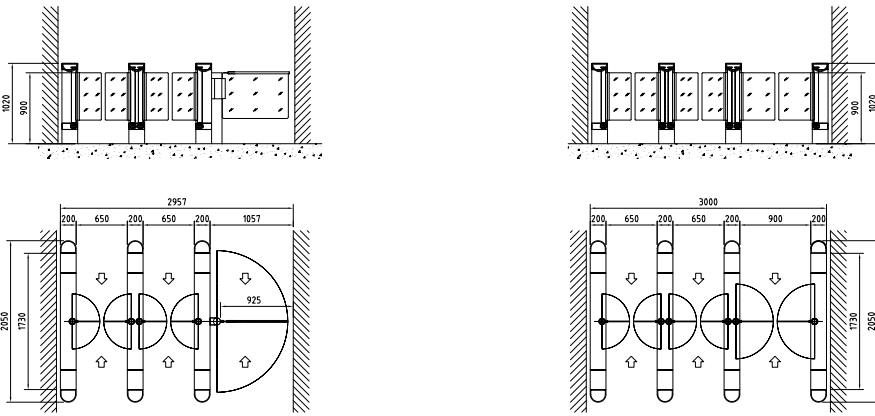
# Options for all HSB and HSG types

	HSB-E10	HSB-E02	HSB-E04	HSB-M01	HSB-E11	HSB-E07	HSB-E08	HSB-E12	HSB-S05	HSG-E01
<b>Construction</b>										
Cover plate made of wood.			•				•			
Passage width increased to 900 mm for persons with reduced mobility and transit of goods.	•	•	•		•	•	•	•	•	•
Angular base columns.					•	•	•			•
Back wall made of AISI 304.	•	•	•	•						
Closed base AISI 304.	•	•	•						•	
Extension of barrier elements to a height of 1200 mm instead of 900 mm.							•		•	
Extension of barrier elements to a height of 1800 mm instead of 1200 mm.										•
Extension of barrier elements to a height of 1800 mm instead of 1600 mm.								•		
<b>Function</b>										
Induction loops embedded in concrete stones.				•						
Emergency module with emergency push-button, additional emergency push-button available.	•	•	•	•	•	•	•	•	•	
<b>Electrical components</b>										
Installation preparation on flat surface or on mounting plate (surface installation) for on-site components.	•	•	•	•	•	•	•	•	•	•
Plastic cover plates instead of stainless steel plate for installation of antennas provided by customer.	•	•	•	•				•	•	•
Push-button for manual single release.	•	•	•	•	•	•	•	•	•	•
Operating panels and frames or housings for surface installation.	•	•	•	•	•	•	•	•	•	•
Additional I/O boards to expand existing inputs and outputs.	•	•	•	•	•	•	•	•	•	•
Miscellaneous signal devices.	•	•	•	•	•	•	•	•	•	•
<b>Installation</b>										
Pallet with stainless steel ramp with norament rubber covering, pallet height 80 mm.										•
Pallet with stainless steel ramp with norament rubber covering, pallet height 32 mm.	•	•	•	•	•	•	•	•	•	•
On adjustable mounting plate X = 80 - 180 mm for structural floor level.	•	•	•	•	•	•	•	•	•	•
With cast in clamping sleeves and rosettes for structural floor level.					•	•	•			

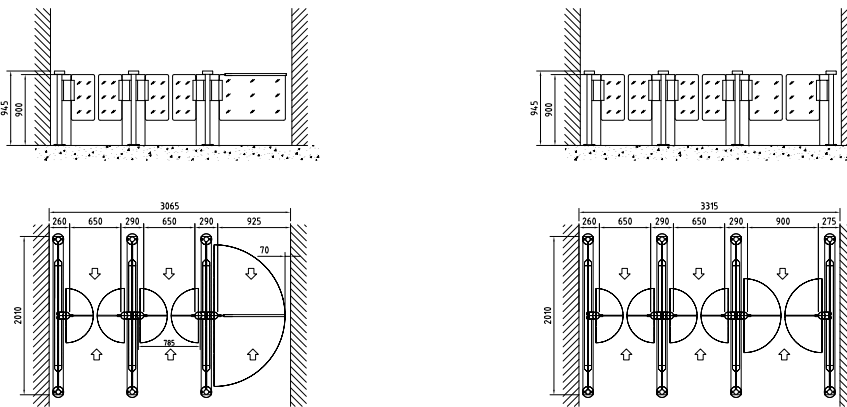
Operating panel OPL 05	Signal device LED arrow-cross (installed in the housing or in the cover plate of both sides)	Console 1 with adapter made of plastic, in RAL 9006, W/H/D 94/94/65 mm with cut-out $\varnothing$ 65 mm, fixed to lateral barrier.
		
Installation HSB-E07, -E08, -E11 dowelled on finished floor level FFL	cast in with clamping sleeves	on structural floor level SFL with mounting plates
		
Installation HSB-E02, -E04, -E10, -M01 dowelled on finished floor level FFL		on structural floor level SFL with mounting plate
		

# Assembly diagram

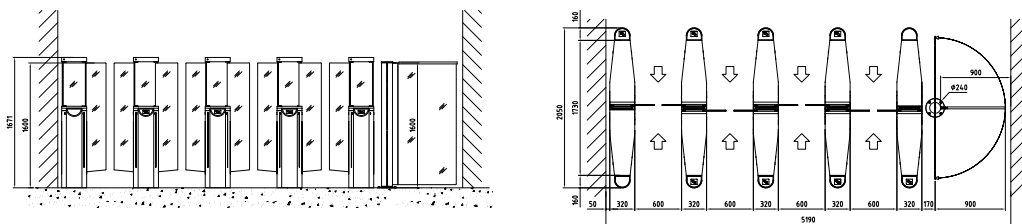
for instance HSB-E04



for instance HSB-E08



for instance HSG-E01





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