



BEYOND SECURITY

KABA[®]

PAS - Physical Access Systems

Tripod Barriers, Turnstiles, Sensor Barriers/Gates, Swing Doors, Road Barriers
Revolving Doors and Reader Posts



Access
control

OCTOBER 2015

PAS - Physical Access Systems

Kaba provides innovative solutions for the admission to buildings, rooms and premises - from simple access control supervised by reception staff to single-file access in high security areas.


































































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Selection Chart

tripod barriers	Kerberos TPB-E01	Kerberos TPB-E02	Kerberos TPB-L04	Kerberos TPB-L06	Kerberos TPB-C01	Kerberos TPB-L07	Kerberos TPB-S03				
											
	Charon HTS-M01	Charon HTS-L01	Charon HTS-L02	Charon HTS-E01	Charon HTS-E03						
											
	Charon HSD-E01	Charon HSD-E02	Charon HSD-E03	Charon HSD-E06	Charon HSD-L01	Charon HSD-L06	Charon HSD-L07	Charon HSD-L08			
											
	Argus HSB-E02	Argus HSB-E04	Argus HSB-E11	Argus HSB-E07	Argus HSB-E08	Argus HSB-E12	Argus HSB-S05	Argus HSB-M01	Argus HSG-E01	Argus HSG-L01	
											
Kentaur FTS-E01	Kentaur FTS-E02	Kentaur FTS-E03	Kentaur FTS-E04	Kentaur FTS-E05	Kentaur FTS-E06	Kentaur FTS-L01	Kentaur FTS-L02	Kentaur FTS-L05			
											
Kentaur FTS-M01	Kentaur FTS-M02	Kentaur FTS-M03	Kentaur FTS-M05								
											
Geryon SRD-E01											
											
Talos RDR-E01	Talos RDR-S01										
											
Orthos PIL-S01	Orthos PIL-C01	Orthos PIL-M01	Orthos PIL-M02								
											
PGB-E01	PGB-E02	PGB-E03	PGB-S01								
											
CRP-C06	CRP-E01	CRP-E03	CRP-C01	CRP-M01	CRP-M02	CRP-M03					
											



Kerberos TPB Tripod Barriers

Kerberos turnstiles relieve reception staff and take over access control in the most varied situations. Our proven control technology comfortably controls user flow even in times of high throughput.

Versatility

For access to the premises or the company building, a variety of attractive designs for single or multiple installations are available. The high-quality tripod barriers are constructed of stainless steel and suitable for indoor and outdoor installation.

Clearing and barring passage automatically

In the case of panic, foldable bars clear the escape route in both directions. A mechanism patented for Kaba allows automatic reset of the folded bar as soon as the critical event is over. Folding and unfolding the Kerberos Turnstiles may be initiated by authorized staff with a operating device, for example, to allow the transport of goods through the turnstiles.

Minimal Energy Consumption

The quiet, low-energy drive consumes very little energy and due to the low forces minimizes the risk of injury for the users during rotation.

Throughput rate	=	up to 45 per minute
Security level	=	● ○ ○ ○ ○
Comfort	=	● ● ● ○ ○
Personal safety	=	● ● ● ● ○
Staff supervision	=	yes

TPB Tripod Barriers

TPB-E01 - TYPE O - MANUAL MOTION

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

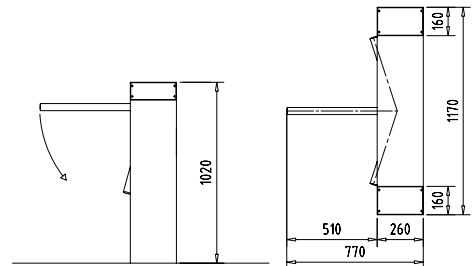
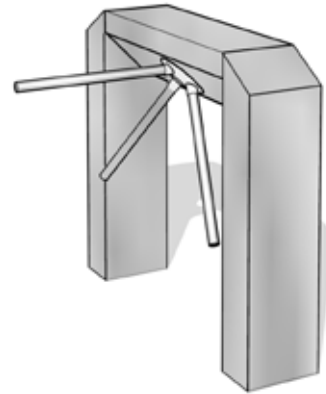
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-E01-O-A

FUNCTION:

Manual motion; mechanically free in one direction/opposite direction blocked.

VARIANT:

Variant B. Passage side inwards left.

ACCESSORIES:

Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB Tripod Barriers

TPB-E01 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

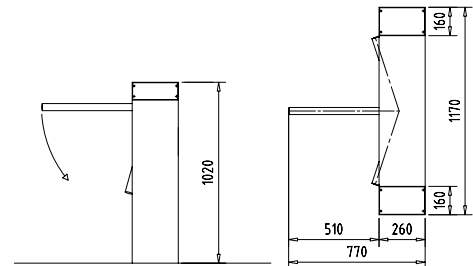
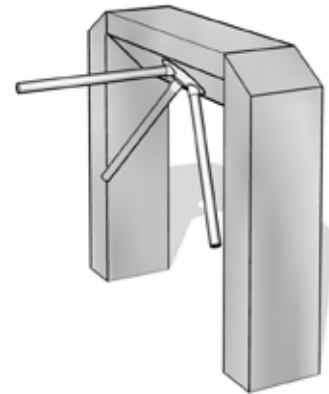
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-E01-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-E01-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

TPB-E01-1.2-C

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-E01-1.2-D

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-E01 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

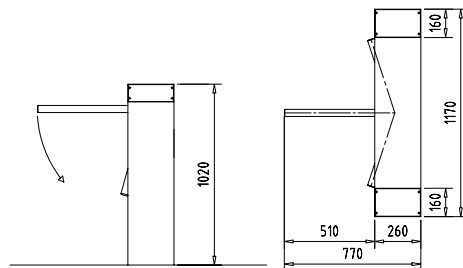
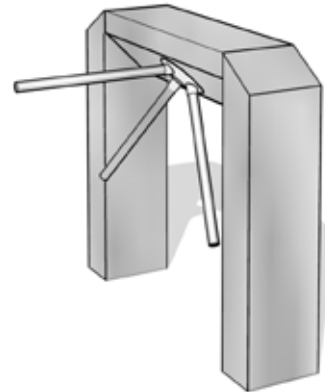
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-E01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-E01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

TPB-E01-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-E01-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-E02- TYPE 0 - MANUAL MOTION

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

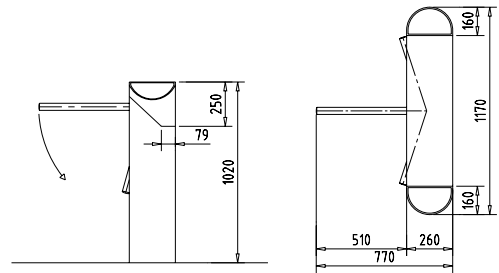
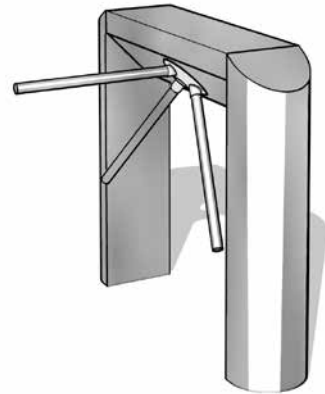
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-E02-0-A

FUNCTION:

Manual motion; mechanically free in one direction/opposite direction blocked.

VARIANT:

Variant B. Passage side inwards left.

TPB Tripod Barriers

TPB-E02 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

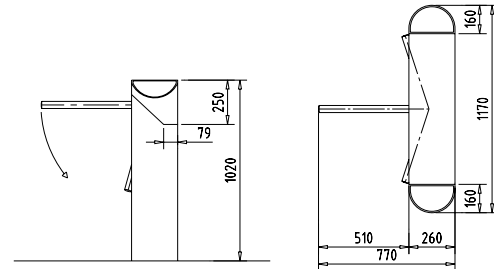
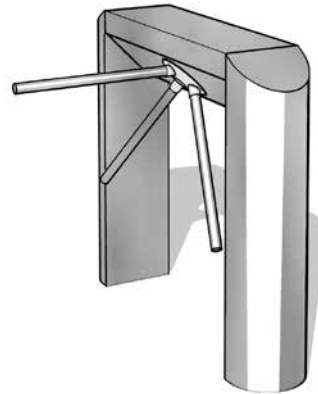
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-E02-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-E02-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

TPB-E02-1.2-C

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-E02-1.2-D

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-E02 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

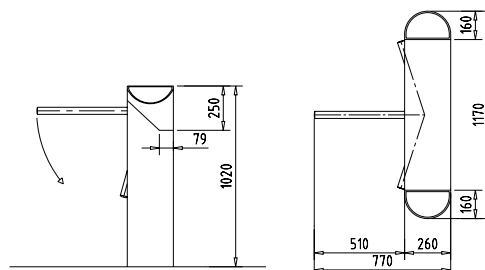
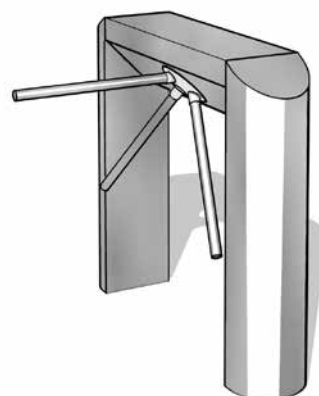
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-E02-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-E02-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

TPB-E02-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-E02-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-LO4 - TYPE 0 - MANUAL MOTION

Construction

Plastic housing, base columns made of stainless steel satin finish AISI 304. Signal display red/green, rectangular version, flush mounted in the housing. Aluminium rigid crossbars.

Electric

Control unit integrated in the unit, power supply provided by customer.

Power supply 24VDC.

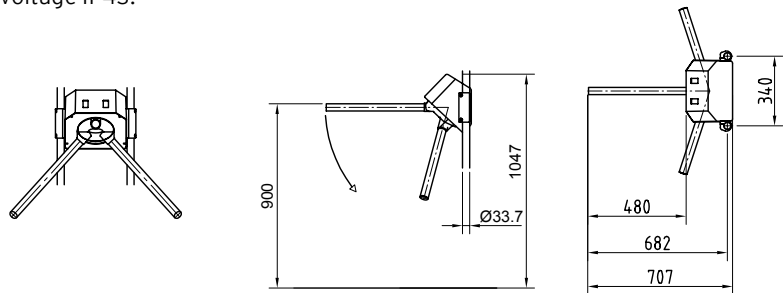
Installation

Not suitable for outdoor installation.

Base columns dowed on finished floor level.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-LO4-0-A

FUNCTION:

Manual motion; mechanically free in one direction/opposite direction blocked.

VARIANT:

Variant B. Passage side inwards left.

ACCESSORIES:

Stainless steel base columns.

TPB Tripod Barriers

TPB-L04 - TYPE 1.2 - MANUAL MOTION TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Plastic housing, base columns made of stainless steel satin finish AISI 304. Signal display red/green, rectangular version, flush mounted in the housing. Aluminium rigid crossbars.

Electric

Control unit integrated in the unit, power supply provided by customer.

Power supply 24VDC.

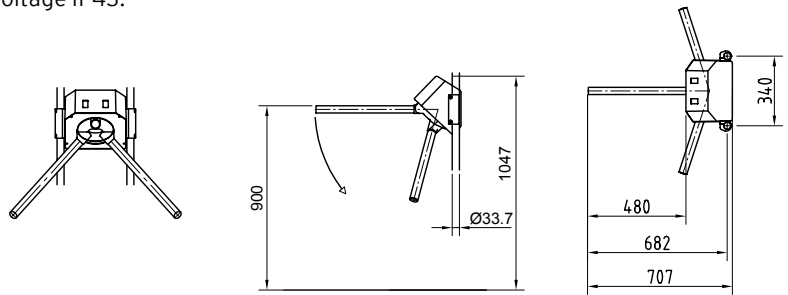
Installation

Not suitable for outdoor installation.

Base columns dowelled on finished floor level.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-L04-1.2-A

FUNCTION:	Manual motion; two directions electrically controlled.
VARIANT:	Variant B. Passage side inwards left.
ACCESSORIES:	Stainless steel base columns.

TPB Tripod Barriers

TPB-L06 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

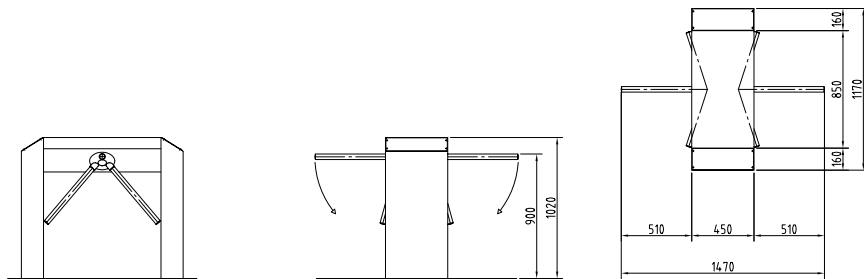
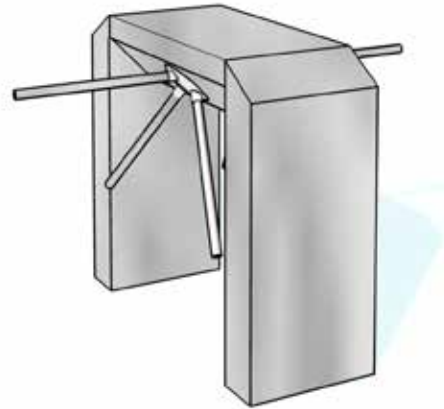
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-L06-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-L06-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

TPB-L06-1.2-C

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-L06-1.2-D

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-L06 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

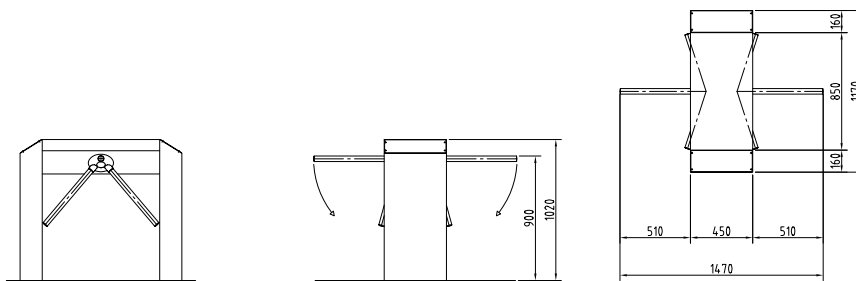
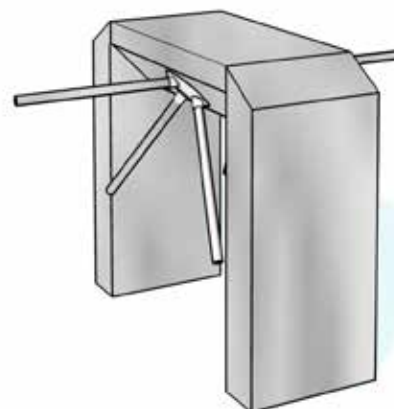
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-L06-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-L06-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

TPB-L06-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-L06-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB Tripod Barriers

TPB-C01 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

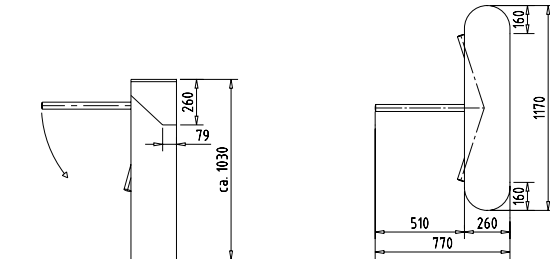
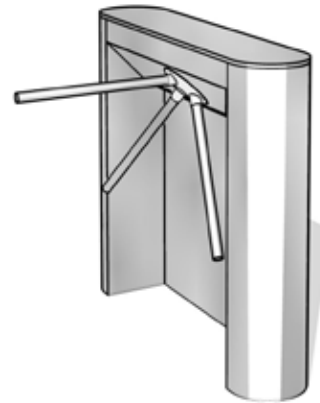
Housing and base columns made of stainless steel satin finish AISI 304. Rigid crossbars made of stainless steel AISI 304. With additional back plate made of stainless steel AISI 304.

Electric

Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.
Prepared for the connection of signal lights.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



TPB-C01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-C01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

TPB-C01-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-C01-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-L07- TYPE 0 - MANUAL MOTION

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

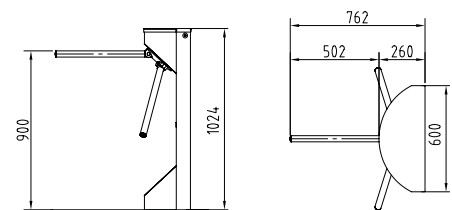
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-L07-0-A

FUNCTION:

Manual motion; mechanically free in one direction/opposite direction blocked.

VARIANT:

Variant B. Passage side inwards left.

TPB Tripod Barriers

TPB-L07 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

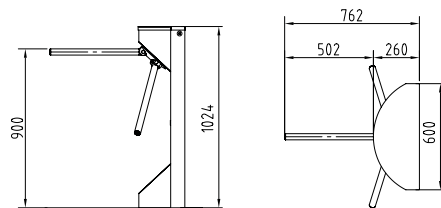
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-L07-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-L07-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

TPB-L07-1.2-C

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-L07-1.2-D

FUNCTION: Manual motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-L07 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Housing and base columns made of stainless steel satin finish AISI 304. Stiff crossbars made of stainless steel AISI 304.

Electric

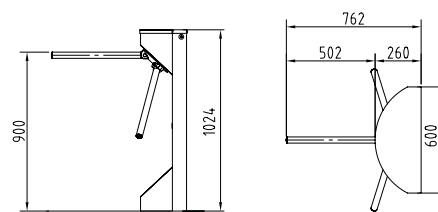
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-L07-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-L07-2-B

FUNCTION: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

TPB-L07-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

TPB-L07-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.

TPB Tripod Barriers

TPB-S03- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Aluminium housing coated in RAL 9006, base columns with flange plate in stainless steel AISI 304 satin finish.
Rigid crossbars made of stainless steel AISI 304.

Electric

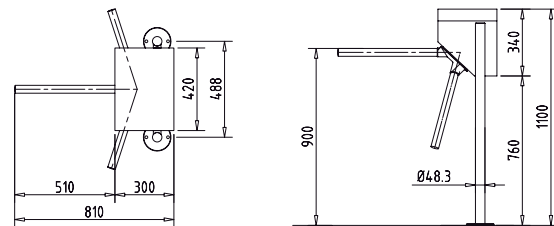
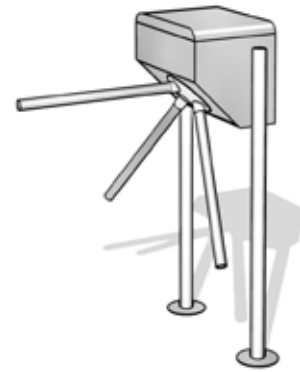
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.
Prepared for the connection of signal lights.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP33, components conducting supply voltage IP43.



TPB-S03-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.

TPB-S03-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

TPB-S03-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Signal device, round version red/green flush installation on both sides

TPB-S03-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Fold down bars - Upper bar drops down upon power failure. The system is reset manually.
Counter for one direction, installed inside portal housing.



Charon Half-height Turnstiles and Swing Doors

In prestigious entrance areas, VIP rooms or at the access to the executive suite, the motor-driven Charon turnstiles and swing doors efficiently control access and aesthetically complete any interior.

Design

Transparent glass - complemented by high-quality stainless steel - gives the motor-driven turnstiles their radiant look. The transparent models elegantly integrate in vintage and modern buildings.

Versatility

The space-saving turnstiles look attractive even as multiple installation. Glass turnstiles are exclusively designed for the interior. A stainless steel variant without glass elements is also suitable for outdoor installation.

Handicapped Access/Goods Transport

Access for wheelchairs and goods can be realised by a separate or integrated door.

Minimal Energy Consumption

The quiet low-energy drive consumes very little energy and due to the low forces minimizes the risk of injury for the users.

Throughput rate	=	up to 25 per minute
Security level	=	●●○○○
Comfort	=	●●○○○
Personal safety	=	●●●○○
Staff supervision	=	yes

HTS Half-height Turnstiles

HTS-L01 - TYPE 2 - POWER ASSISTED MOTION

Construction

Support frame made of curved stainless steel tubing AISI 304, 40mm diameter. Housing and enclosure elements made of 3mm curved stainless steel plate AISI 304. 90° rotating unit: stainless steel AISI 304 tubular column, 89mm diameter, each with 3 straight barrier elements, 40mm diameter, made of stainless steel AISI 304. Barrier element made of stainless steel plate AISI 304 with poles for prevention of trespassing the barred segment. Electric locking system and drive integrated in upper housings.

Electric

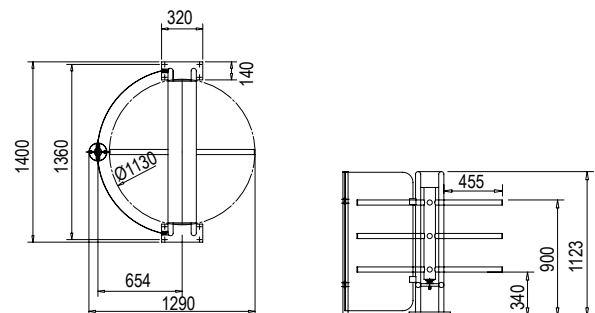
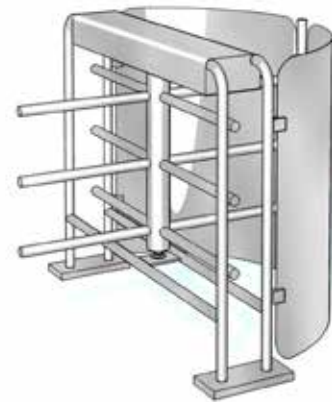
Control unit integrated in housing. Power supply 110-230 VAC 50/60 Hz. Behaviour in the case of power failure can be selected, standard setting: free turning.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP43, components conducting supply voltage IP54.



HTS-L01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

HTS-L01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HTS-L01-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

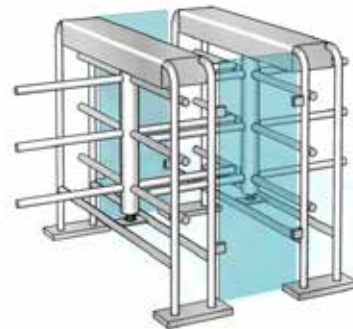
ACCESSORIES: Plastic console, in RAL 9006, W/H/D 94/94/65 mm with 65mm diameter cut-out, fixed to lateral barrier.

HTS Half-height Turnstiles

HTS-L02- TYPE 2 - POWER ASSISTED MOTION

Construction

Support frame made of curved stainless steel tubing AISI 304, 40mm diameter. Housing and enclosure elements made of 3mm curved stainless steel plate AISI 304. 90° rotating unit: stainless steel AISI 304 tubular column, 89mm diameter, each with 3 straight barrier elements, 40mm diameter, made of stainless steel AISI 304. Barrier element made of stainless steel plate AISI 304 with poles for prevention of trespassing the barred segment. Electric locking system and drive integrated in upper housings.



Electric

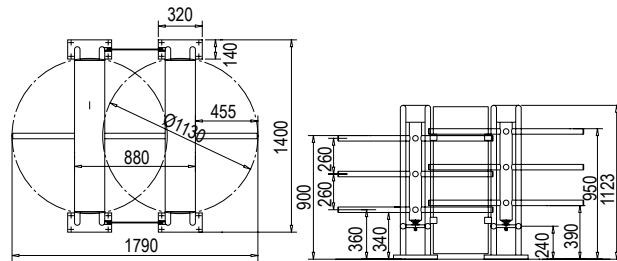
Control unit integrated in housing. Power supply 110-230 VAC 50/60 Hz. Behaviour in the case of power failure can be selected, standard setting: free turning.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP43, components conducting supply voltage IP54.



HTS-L02-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

HTS-L02-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HTS-L02-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Plastic console, in RAL 9006, W/H/D 94/94/65 mm with 65mm diameter cut-out, fixed to lateral barrier.

HTS Half-height Turnstiles

HTS-E01 - TYPE 2 - POWER ASSISTED MOTION

Construction

Side barrier elements made of tubular stainless steel AISI 304, 48mm diameter, mitred. Rotating unit: tubular column made of stainless steel AISI 304, 140mm diameter, with three barrier elements made of U-shaped stainless steel tube, 40mm diameter, AISI 304.

Electric

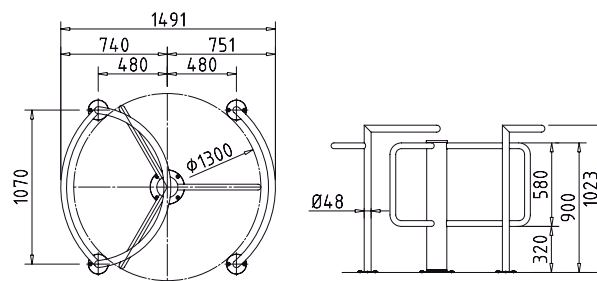
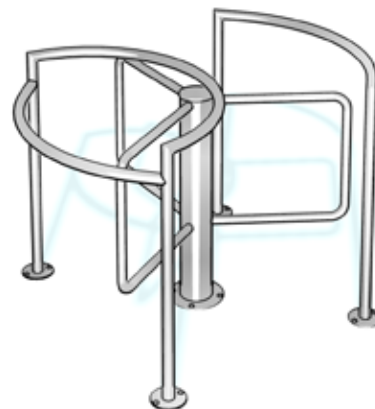
Control unit in external switch cabinet H=283/W=168/D=115 (mm). Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP43, components conducting supply voltage IP54.



HTS-E01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

HTS-E01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HTS-E01-2-1200-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf raised to top edge of 1200mm.

HTS-E01-2-1200-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. Special height column and door leaf raised to top edge of 1200mm.

HTS Half-height Turnstiles

HTS-E03 - TYPE 2 - POWER ASSISTED MOTION

Construction

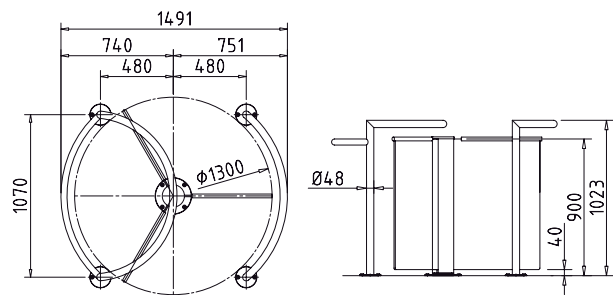
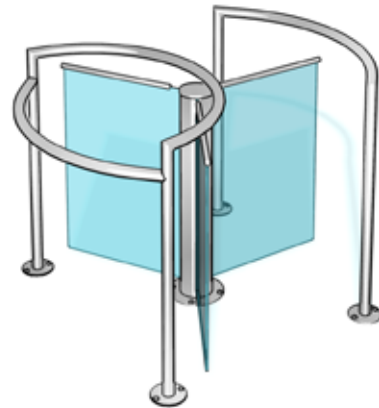
Side barrier elements made of tubular stainless steel AISI 304, 48mm diameter, mitred. Rotating unit: tubular column made of stainless steel AISI 304, 140mm diameter, with three tall glass elements made of 10mm tempered safety glass and stainless steel bar handle. Locking system, drive and toothed holding brake installed in tubular column.

Electric

Control unit in external switch cabinet H=283/W=168/D=115 (mm). Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HTS-E03-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

HTS-E03-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HTS-E03-2-1200-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf raised to top edge of 1200mm.

HTS-E03-2-1200-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. Special height column and door leaf raised to top edge of 1200mm.

HSD Half-height Swing Doors

HSD-E01 - TYPE 2 - POWER ASSISTED MOTION

Construction

Tubular column made of stainless steel AISI 304, 140mm diameter, with U-shaped crossbars, 40mm diameter, made of stainless steel tube AISI 304. Door leaf radius 900mm, top edge of door leaf 900mm. Locking system, drive and toothed holding brake installed in tubular column.

Electric

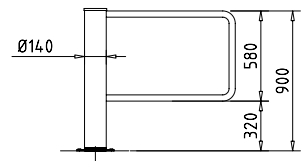
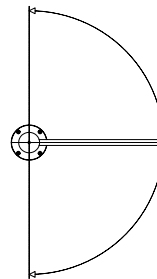
Control unit in external switch cabinet H=283 / W=168 / D=115 (mm). Power supply 110-230VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.

Protection class

Housing IP43, components conducting supply voltage IP54.



HSD-E01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.
VARIANT: Variant B. Passage side inwards left.

HSD-E01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSD-E01-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Passage width increased to 1000mm.

HSD-E01-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Special height column and door leaf raised to 1200mm.

HSD Half-height Turnstiles and Swing Doors

HSD-E02 - TYPE 2 - POWER ASSISTED MOTION

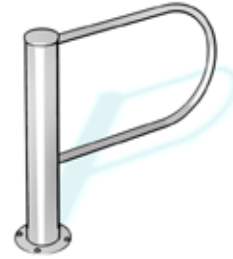
Construction

Tubular column made of stainless steel AISI 304, 140mm diameter, with U-shaped crossbars, 40mm diameter, made of stainless steel tube AISI 304. Door leaf radius 900mm, top edge of door leaf 900mm. Locking system, drive and toothed holding brake installed in tubular column.

Electric

Control unit in external switch cabinet H=283 / W=168 / D=115 (mm).

Power supply 110-230VAC 50/60 Hz.



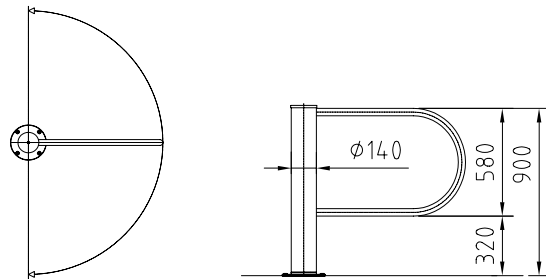
Installation

Mounted on finished floor level (FFL).

Suitable for outdoor installation.

Protection class

Housing IP43, components conducting supply voltage IP54.



HSD-E02-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

HSD-E02-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSD-E02-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Passage width increased to 1000mm.

HSD-E02-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf raised to 1200mm.

HSD Half-height Turnstiles and Swing Doors

HSD-E03 - TYPE 2 - POWER ASSISTED MOTION

Construction

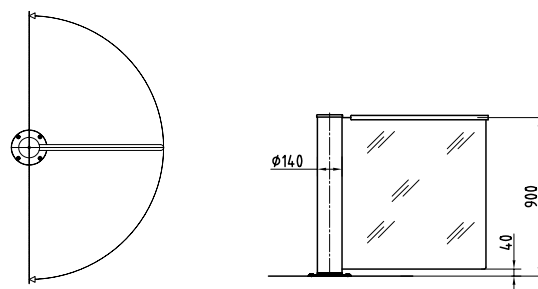
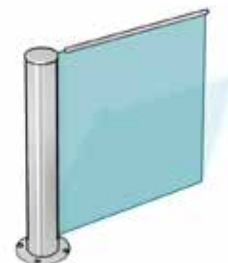
Tubular column made of stainless steel AISI 304, 140mm diameter, with high element made of 10mm tempered safety glass and straight stainless steel bar handle. Door leaf radius 900mm, top edge of door leaf 900mm. Locking system, drive and toothed holding brake installed in tubular column.

Electric

Control unit in external switch cabinet H=283 / W=168 / D=115 (mm). Power supply 110-230VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HSD-E03-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

HSD-E03-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSD-E03-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Passage width increased to 1000mm.

HSD-E03-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf raised to 1200mm.

HSD Half-height Swing Doors

HSD-E06 - TYPE 2 - POWER ASSISTED MOTION

Construction

Tubular column made of stainless steel AISI 304, 140mm diameter, with flat steel bar to clamp the high element made of 10mm tempered safety glass and straight stainless steel bar handle. Door leaf radius 900mm, top edge of door leaf 1800mm. Locking system, drive and toothed holding brake installed in tubular column.

Electric

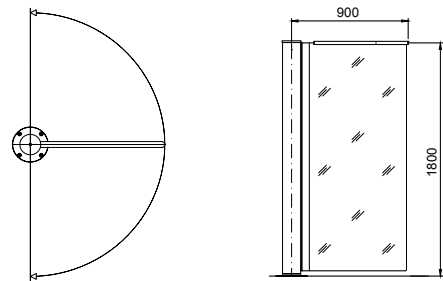
Control unit in external switch cabinet H=283 / W=168 / D=115 (mm). Power supply 110-230VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.

Protection class

Housing IP43, components conducting supply voltage IP54.



DOOR LEAF 1400MM H

HSD-E06-1400H-A

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Special height column and door leaf with top edge of 1400mm.

HSD-E06-1400H-B

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Special height column and door leaf with top edge of 1400mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSD-E06-1400H-C

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.
VARIANT: Variant B. Passage side inwards left.
ACCESSORIES: Special height column and door leaf with top edge of 1400mm. Passage width increased to 1200mm.

HSD Half-height Swing Doors

HSD-E06 - TYPE 2 - POWER ASSISTED MOTION - CONTINUED

DOOR LEAF 1600MM H

HSD-E06-1600H-A

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf with top edge of 1600mm.

HSD-E06-1600H-B

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf with top edge of 1600mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSD-E06-1600H-C

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf with top edge of 1600mm. Passage width increased to 1200mm.

DOOR LEAF 1800MM H

HSD-E06-1800H-A

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

HSD-E06-1800H-B

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSD-E06-1800H-C

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Passage width increased to 1200mm.

HSD Half-height Swing Doors

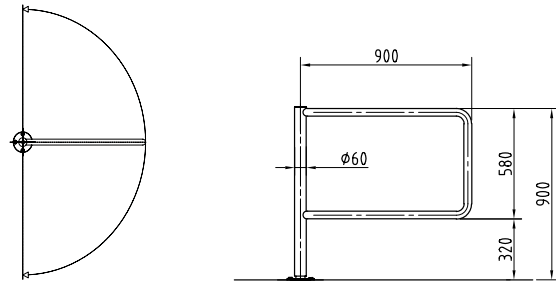
HSD-L01 - TYPE 1 - MANUAL MOTION

Construction

Tubular column made of stainless steel AISI 304, 60mm diameter, with U-shaped crossbars made of stainless steel tube AISI 304, 40mm diameter.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HSD-L01-O-A

FUNCTION: Type 0 manual motion; 90° opening in entrance and exit directions, mechanically lockable in 3 positions.

VARIANT: Variant B. Passage side inwards left.

HSD-L01-O-B

FUNCTION: Type 0 manual motion; 90° opening in entrance and exit directions, mechanically lockable in 3 positions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Passage width increased to 1000mm.

HSD-L01-O-C

FUNCTION: Type 0 manual motion; 90° opening in entrance and exit directions, mechanically lockable in 3 positions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Special height column and door leaf with top edge of 1200mm.

HSD-L01-O-D

FUNCTION: Type 0 manual motion; 90° opening in entrance and exit directions, mechanically lockable in 3 positions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Barrier element with glass panel.

HSD Half-height Swing Doors

HSD-L06- TYPE 2 - POWER ASSISTED MOTION

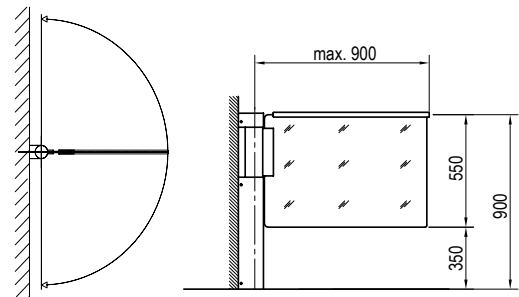
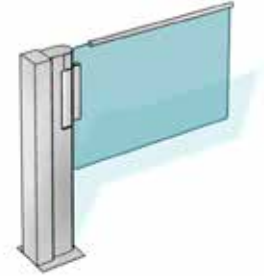
Construction

Half column (W=130mm/D=90mm) as housing for the drive made of stainless steel AISI 304 with transparent polycarbonate door leaves and horizontal aluminium bar handle, varnished in RAL 9006. Door leaf radius 900mm, top edge of door leaf 900mm.

Installation

Wall mounting/dowelled.

Not suitable for outdoor installation.



HSD-L06-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

HSD-L06-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled, 90° opening in entrance & exit directions.

VARIANT: Variant B. Passage side inwards left.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSD Half-height Swing Doors

HSD-L07 - TYPE 0 - MANUAL MOTION

Construction

Tubular column made of stainless steel AISI 304, 140mm diameter, with U-shaped crossbars, 40mm diameter, made of stainless steel tube AISI 304.

Electric

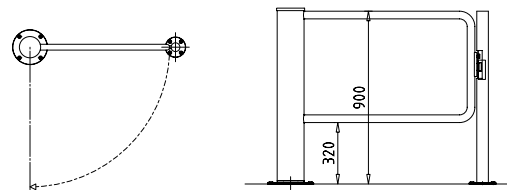
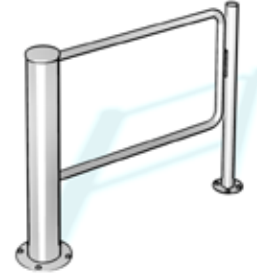
Power supply for electric door opener 24 VDC provided by customer, control provided by customer.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.

Protection class

Housing IP32.



HSD-L07-0-A

FUNCTION: Type 0 manual motion; mechanically 90° opening in one direction/opposite direction blocked, lockable by means of electrical door opener (in stainless steel pole 60mm diameter), including door closer and protection against levering out the door latch.

VARIANT: Variant B. Passage side inwards left.

HSD Half-height Swing Doors

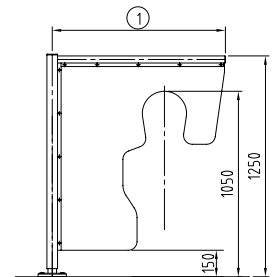
HSD-L08 - TYPE 0 - MANUAL MOTION

Construction

Tubular column made of stainless steel AISI 304, 60mm diameter, with emergency escape function and barrier element with opening for kids. Door wing radius 980mm, height 1250mm.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HSD-L08-0-A

FUNCTION: Type 0 manual motion; mechanically free in two directions, 90° opening in entrance and exit directions. An acoustic signal is activated when the swing doors open. Manual motion from the zero position applying a force of 100Nm.

VARIANT: Variant B. Passage side inwards left.



Argus Half-height Sensor Barriers and Gates

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 customised 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	=	●●●●●
Personal safety	=	●●●●●
Staff supervision	=	yes

HSG Sensor Gates

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

HSB Half-height Sensor Barriers

HSB-E02 - POWER ASSISTED MOTION

Construction

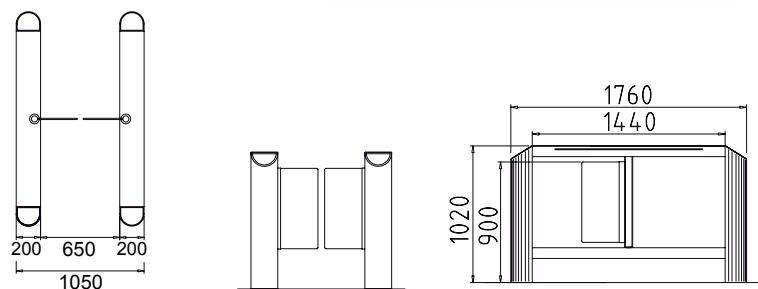
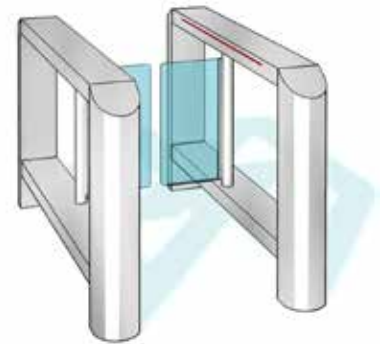
Passage width = 650mm, total width = 1050mm, interlock height = 1020mm, interlock length = 1760mm. Housing and base columns made of stainless steel satin finish AISI 304. Two door leaves made of transparent polycarbonate, upper edge 900mm.

Electric

Control units and power supply unit are integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HSB-E02-650-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

HSB-E02-650-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E02-650-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E02-650-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

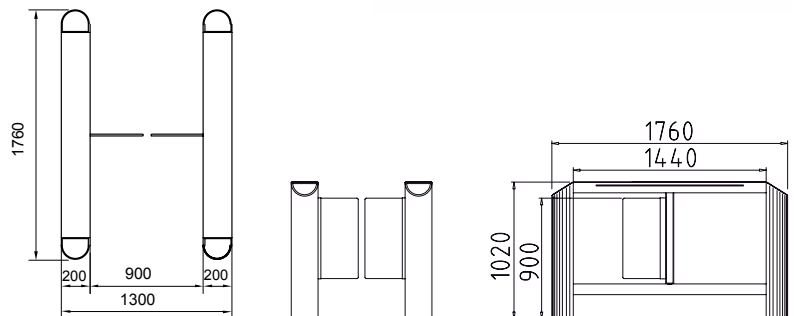
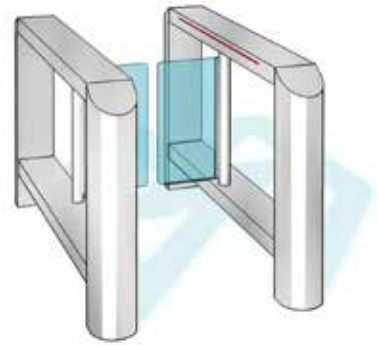
HSB Half-height Sensor Barriers

HSB-E02 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1300mm, interlock height = 1020mm, interlock length = 1760mm.



HSB-E02-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E02-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E02-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E02-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

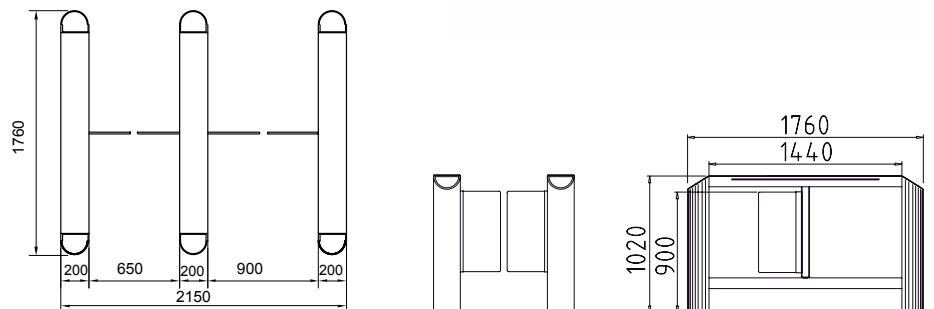
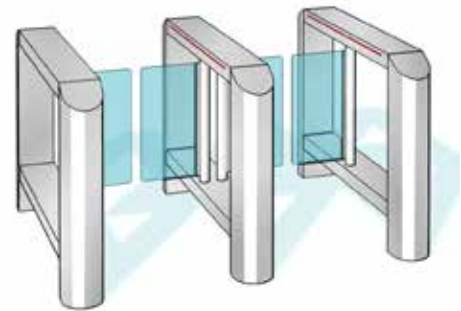
HSB Half-height Sensor Barriers

HSB-E02 - POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 650mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 650mm, total width = 2150mm, interlock height = 1020mm, interlock length = 1760mm.



HSB-E02-650-900-A

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E02-650-900-B

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E02-650-900-C

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E02-650-900-D

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB Half-height Sensor Barriers

HSB-E04 - POWER ASSISTED MOTION

Construction

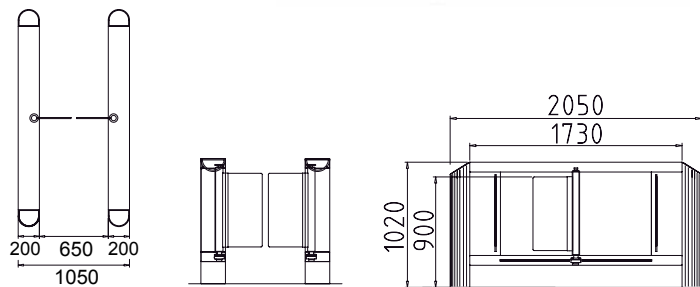
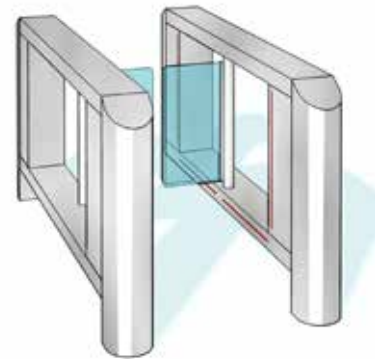
Passage width = 650mm, total width = 1050mm, interlock height = 1020mm, interlock length = 2050mm. Housing and base columns made of stainless steel satin finish AISI 304. Two door leaves made of transparent polycarbonate, upper edge 900mm.

Electric

Control units and power supply unit are integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HSB-E04-650-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

HSB-E04-650-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E04-650-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E04-650-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

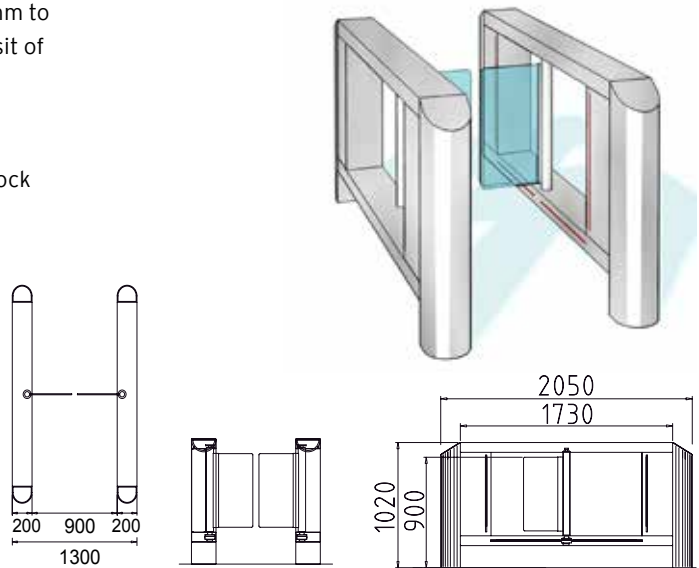
HSB Half-height Sensor Barriers

HSB-E04 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1300mm, interlock height = 1020mm, interlock length = 2050mm.



HSB-E04-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E04-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E04-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E04-900-D

FUNCTION: Function - Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

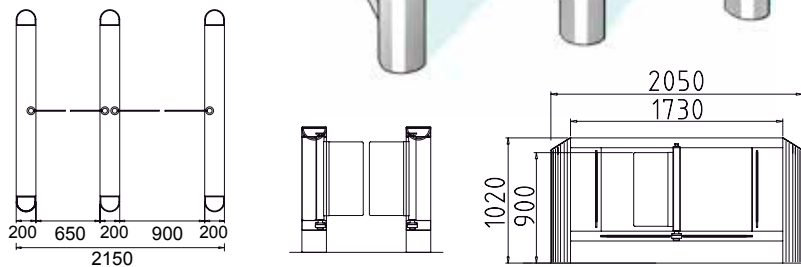
HSB Half-height Sensor Barriers

HSB-E04 - POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 650mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 650mm, total width = 2150mm, interlock height = 1020mm, interlock length = 2050mm.



HSB-E04-650-900-A

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E04-650-900-B

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E04-650-900-C

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E04-650-900-D

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

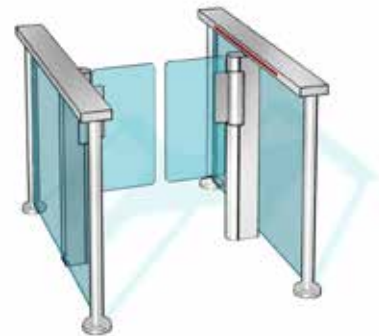
ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB Half-height Sensor Barriers

HSB-E11 - POWER ASSISTED MOTION

Construction

Passage width = 650mm, total width = 1070mm, interlock height = 945mm, interlock length = 1290mm. Guiding elements made of stainless steel AISI 304, 60mm diameter, with 10mm tempered safety glass panels and AISI 304 stainless steel bar handle. Integrated sensor system in respective handrail (L=1290/W=130mm/H=45mm). Two door leaves made of transparent polycarbonate, upper edge 900mm. Drive housing made of stainless steel AISI 304.

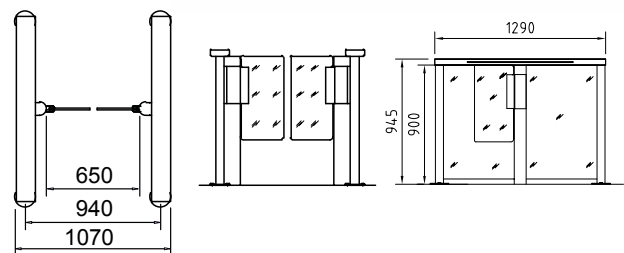


Electric

Control units and power supply unit are integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HSB-E11-650-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

HSB-E11-650-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E11-650-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E11-650-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

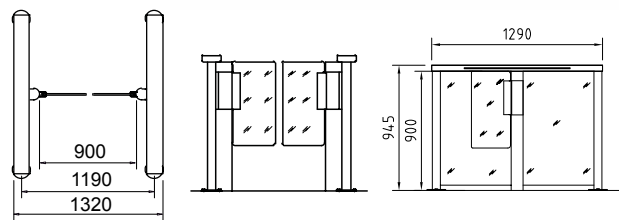
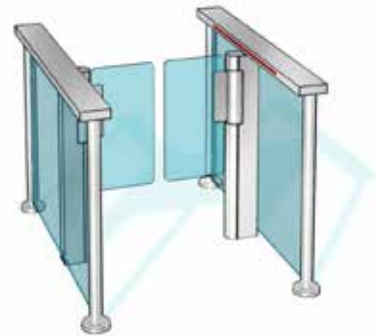
HSB Half-height Sensor Barriers

HSB-E11 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1320mm, interlock height = 945mm, interlock length = 1290mm.



HSB-E11-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E11-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E11-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E11-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

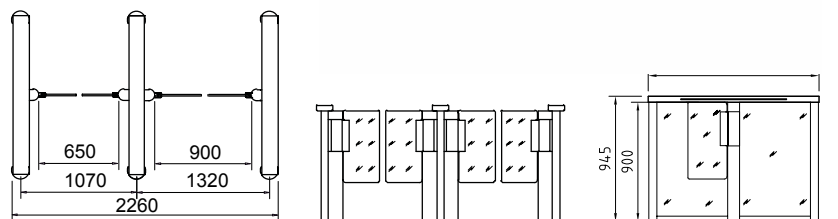
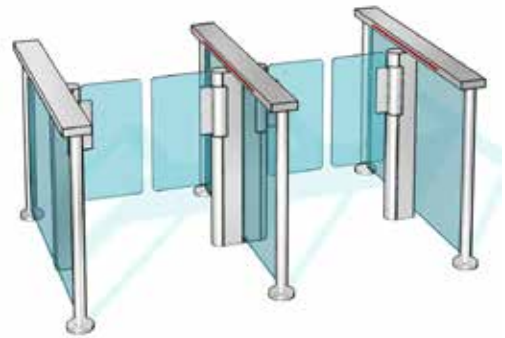
HSB Half-height Sensor Barriers

HSB-E11 - POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 650mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 650mm, total width = 2260mm, interlock height = 945mm, interlock length = 1290mm.



HSB-E11-650-900-A

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E11-650-900-B

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E11-650-900-C

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a basic sensor system in compact overall length (fundamental single passage monitoring in both directions, security level 1). Protective device: rotation angle of the barrier door leaves monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E11-650-900-D

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

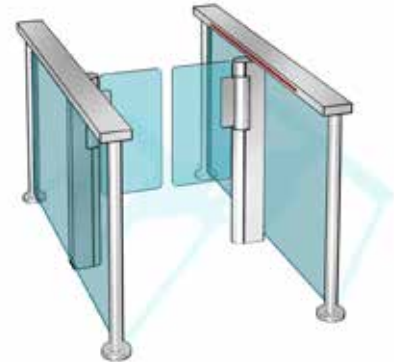
ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB Half-height Sensor Barriers

HSB-E07 - POWER ASSISTED MOTION

Construction

Passage width = 650mm, total width = 1070mm, interlock height = 945mm, interlock length = 1660mm. Guiding elements made of stainless steel AISI 304, 60mm diameter, with 10mm tempered safety glass panels and AISI 304 stainless steel bar handle. Integrated sensor system in respective handrail (L=1660/W=130mm/H=45mm). Two door leaves made of transparent polycarbonate, upper edge 900mm. Drive housing made of stainless steel AISI 304.

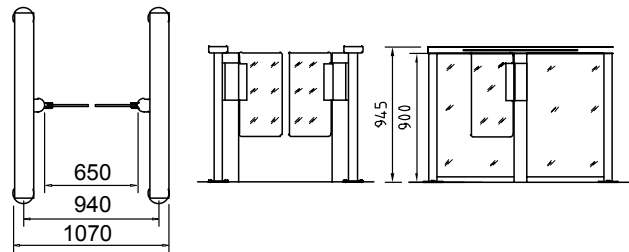


Electric

Control units and power supply unit are integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



HSB-E07-650-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

HSB-E07-650-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E07-650-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E07-650-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

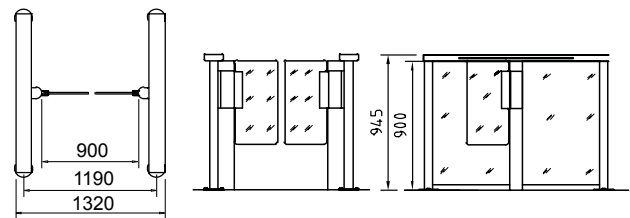
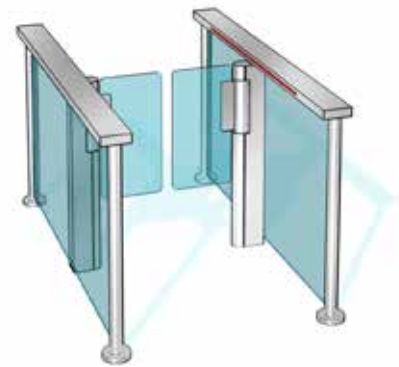
HSB Half-height Sensor Barriers

HSB-E07 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1320mm, interlock height = 945mm, interlock length = 1660mm.



HSB-E07-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E07-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E07-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E07-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

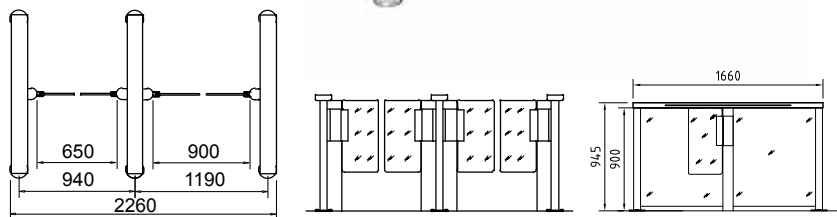
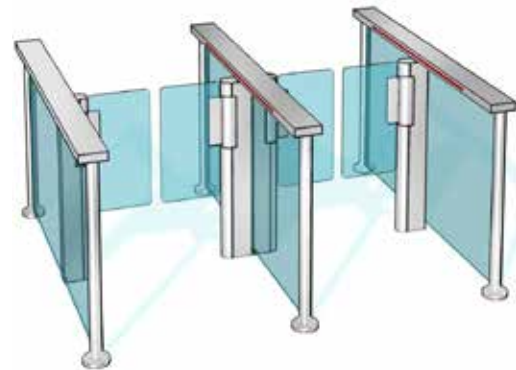
HSB Half-height Sensor Barriers

HSB-E07 - POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 650mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 650mm, total width = 2260mm, interlock height = 945mm, interlock length = 1660mm.



HSB-E07-650-900-A

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E07-650-900-B

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E07-650-900-C

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E07-650-900-D

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by a simple sensor system in short overall length (simple single passage monitoring in both directions, security level 0). Protective device: rotation angle of the door leaves is monitored by the same sensor system.

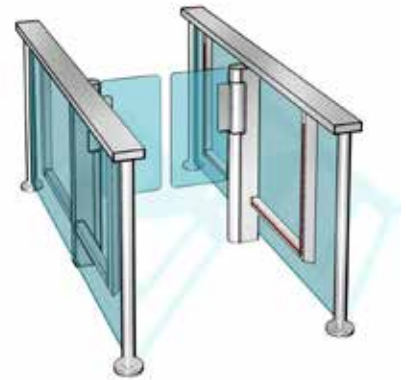
ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB Half-height Sensor Barriers

HSB-E08 - POWER ASSISTED MOTION

Construction

Passage width = 650mm, total width = 1070mm, interlock height = 945mm, interlock length = 2100mm. Guiding elements made of stainless steel AISI 304, 60mm diameter, with 10mm tempered safety glass panels and AISI 304 stainless steel bar handle. Sensor system arranged horizontally and vertically, mounted on the guiding elements. Stainless steel plates and infrared transmissible plastic covers are used to cover the sensors. Two door leaves made of transparent polycarbonate, upper edge 900mm. Drive housing made of stainless steel AISI 304.



Electric

Control units and power supply unit are integrated in the unit.

Power supply 110-230 VAC 50/60 Hz.

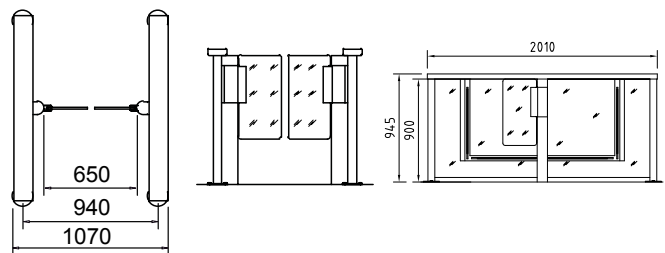
Installation

Mounted on finished floor level (FFL).

Not suitable for outdoor installation.

Protection Class

Housing IP32. Components conducting supply voltage IP42.



HSB-E08-650-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

HSB-E08-650-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E08-650-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E08-650-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

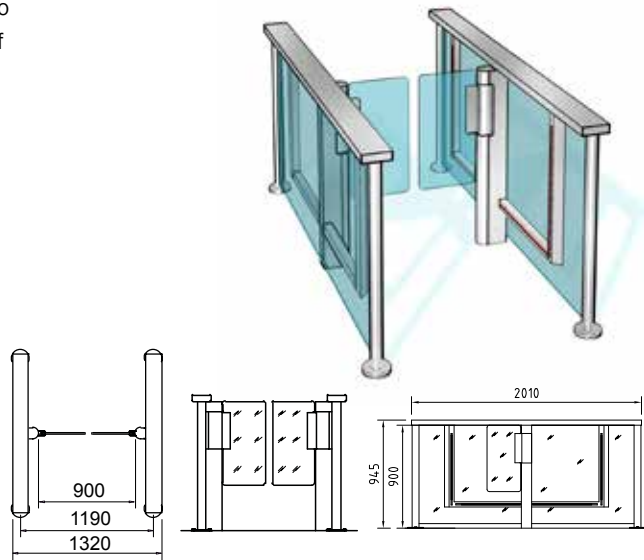
HSB Half-height Sensor Barriers

HSB-E08 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1320mm, interlock height = 945mm, interlock length = 2010mm.



HSB-E08-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E08-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E08-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E08-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

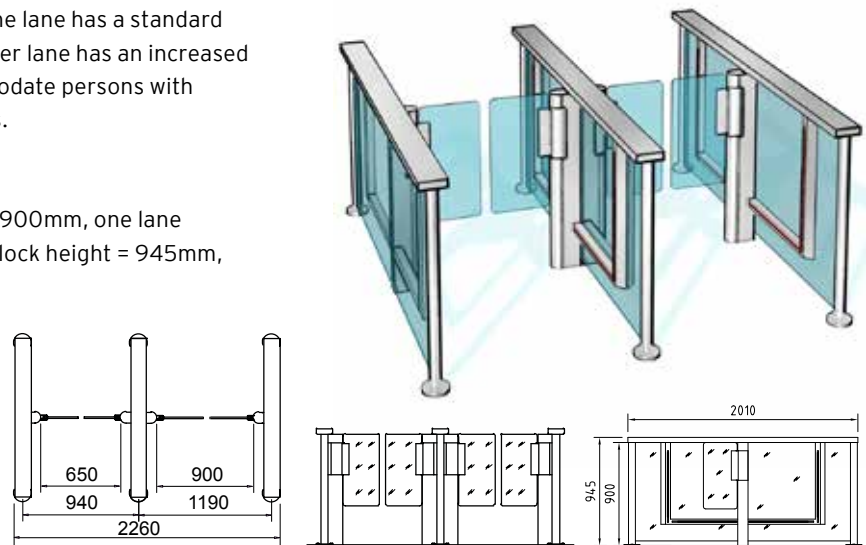
HSB Half-height Sensor Barriers

HSB-E08 - POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 650mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 650mm, total width = 2260mm, interlock height = 945mm, interlock length = 2010mm.



HSB-E08-650-900-A

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E08-650-900-B

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E08-650-900-C

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E08-650-900-D

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB Half-height Sensor Barriers

HSB-E12 - POWER ASSISTED MOTION

Construction

Passage width = 650mm, total width = 1050mm, interlock height = 1600mm, interlock length = 2050mm.
Housing and base columns made of stainless steel satin finish AISI 304. Two door leaves made of transparent polycarbonate, upper edge 1600mm.

Electric

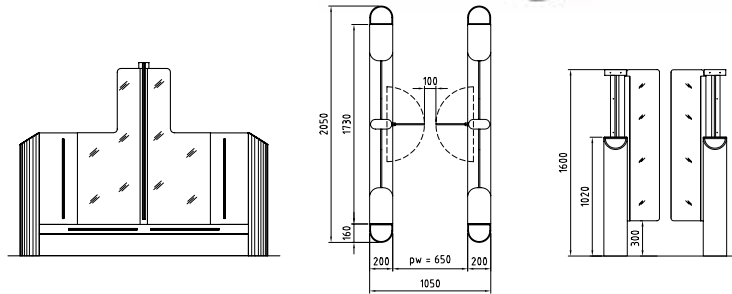
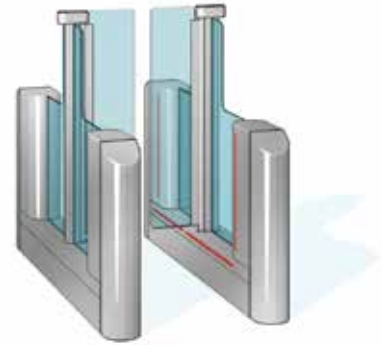
Control units and power supply unit are integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.

Protection Class

Housing IP43. Components conducting supply voltage IP43.



HSB-E12-650-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

HSB-E12-650-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E12-650-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E12-650-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

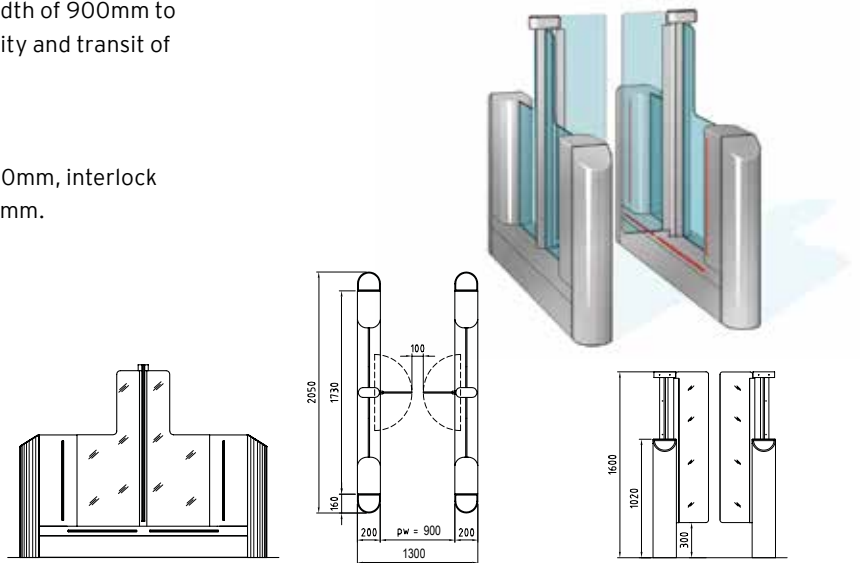
HSB Half-height Sensor Barriers

HSB-E12 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1300mm, interlock height = 1600mm, interlock length = 2050mm.



HSB-E12-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E12-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E12-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E12-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

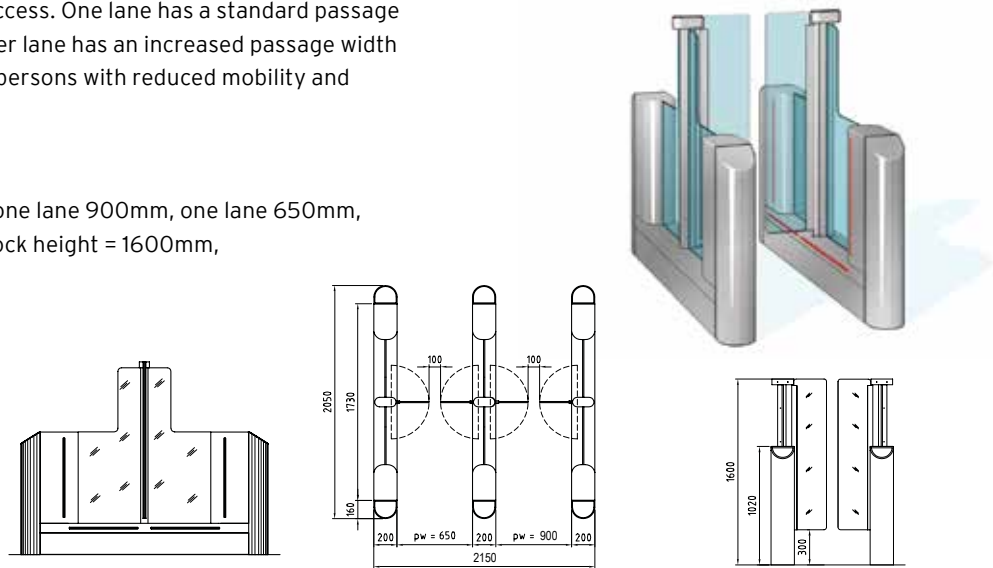
HSB Half-height Sensor Barriers

HSB-E12 - POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 650mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 650mm, total width = 2150mm, interlock height = 1600mm, interlock length = 2050mm.



HSB-E12-650-900-A

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-E12-650-900-B

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-E12-650-900-C

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-E12-650-900-D

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

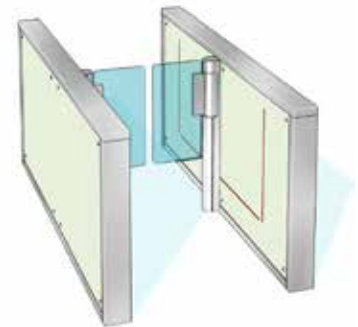
ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB Half-height Sensor Barriers

HSB-S05 - POWER ASSISTED MOTION

Construction

Passage width = 650mm, total width = 1070mm, interlock height = 945mm, interlock length = 2100mm. Guiding elements made of rectangular stainless steel posts AISI 304 with 8mm tempered and satined safety glass panels and stainless steel bar handle AISI 304. Sensor system integrated in the guiding elements. The sensors are covered by the satined glass panels and infrared transmissible segments. Two door leaves made of transparent polycarbonate, upper edge 900mm. Drive housing made of stainless steel AISI 304.

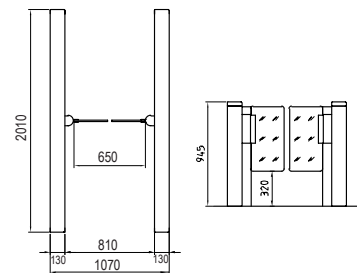
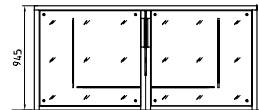


Electric

Control units and power supply unit are integrated in the unit. Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.



Protection Class

Housing IP32. Components conducting supply voltage IP42.

HSB-S05-650-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

HSB-S05-650-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-S05-650-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-S05-650-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

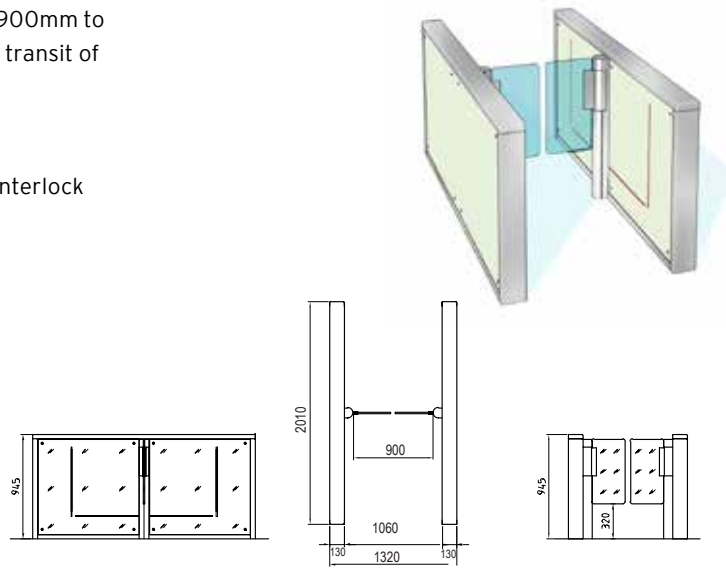
HSB Half-height Sensor Barriers

HSB-S05 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1320mm, interlock height = 945mm, interlock length = 2100mm.



HSB-S05-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-S05-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-S05-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-S05-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

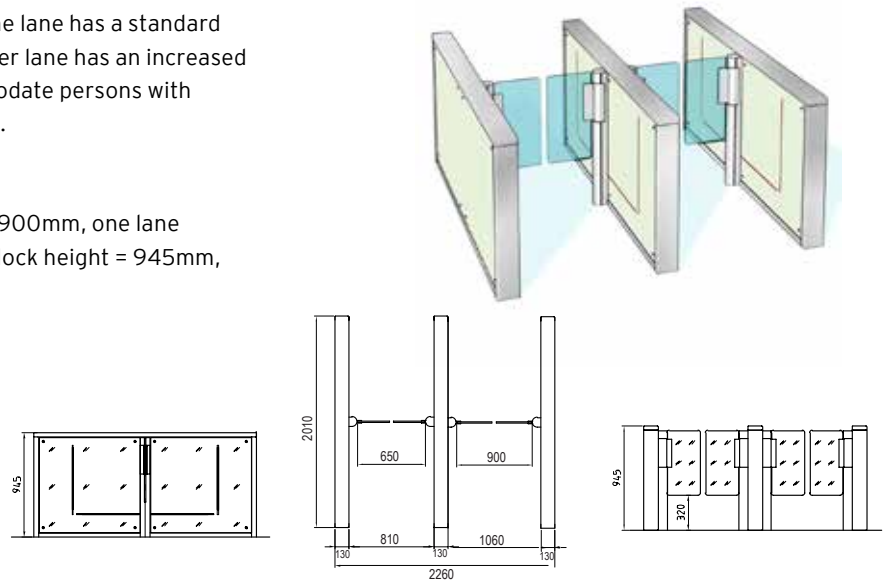
HSB Half-height Sensor Barriers

HSB-S05- POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 650mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 650mm, total width = 2260mm, interlock height = 945mm, interlock length = 2100mm.



HSB-S05-650-900-A

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm.

HSB-S05-650-900-B

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-S05-650-900-C

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-S05-650-900-D

FUNCTION: Two lanes, one lane 650mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: rotation angle of the door leaves is monitored by the same sensor system.

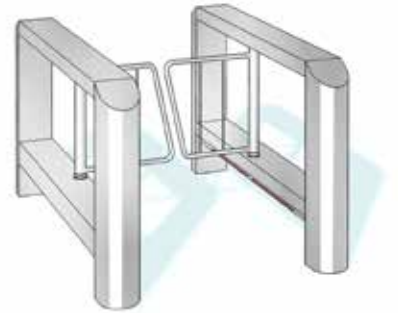
ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB Half-height Sensor Barriers

HSB-M01 - POWER ASSISTED MOTION

Construction

Passage width = 900mm, total width = 1300mm, interlock height = 1020mm, interlock length = 1760mm. Housing and base columns made of stainless steel satin finish AISI 304. Two door leaves made from curved stainless steel tubes, 26.9mm diameter, with vertical bars 10mm, upper edge of the bow 900mm.

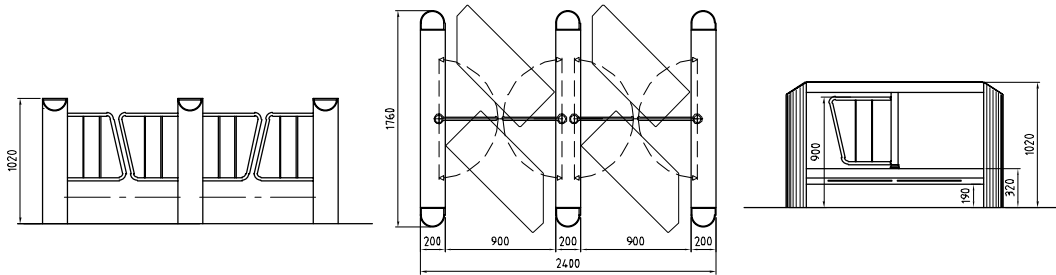


Electric

Control units and power supply unit are integrated in the unit. Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Suitable for outdoor installation.



HSB-M01-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the rotating tube. Passage area monitored by sensors beneath the door leaf and induction loops embedded in the floor (single passage monitoring with bike in both directions - walkers are not detected - safety level 1). Protection device: Monitoring of the swinging area of the door leaf using light grid.

HSB-M01-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the rotating tube. Passage area monitored by sensors beneath the door leaf and induction loops embedded in the floor (single passage monitoring with bike in both directions - walkers are not detected - safety level 1). Protection device: Monitoring of the swinging area of the door leaf using light grid.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSB-M01-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the rotating tube. Passage area monitored by sensors beneath the door leaf and induction loops embedded in the floor (single passage monitoring with bike in both directions - walkers are not detected - safety level 1). Protection device: Monitoring of the swinging area of the door leaf using light grid.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSB-M01-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the rotating tube. Passage area monitored by sensors beneath the door leaf and induction loops embedded in the floor (single passage monitoring with bike in both directions - walkers are not detected - safety level 1). Protection device: Monitoring of the swinging area of the door leaf using light grid.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

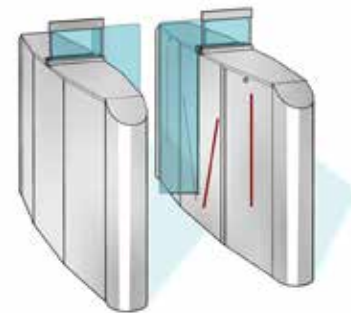
HSG Half-height Sensor Gates

HSG-E01 - POWER ASSISTED MOTION

Construction

Passage width = 600mm, total width = 1240mm, interlock height = 1020mm, interlock length = 2050mm. Housing and base columns made of stainless steel satin finish AISI 304.

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



Electric

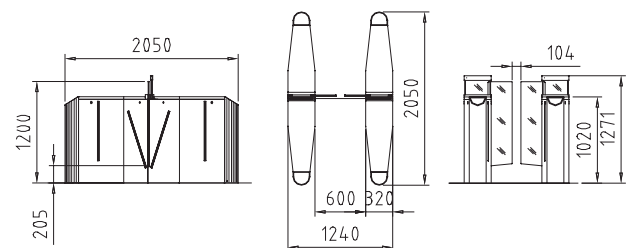
Control units and power supply unit are integrated in the unit. Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.

Protection Class

Housing IP32. Components conducting supply voltage IP42.



HSG-E01-600-A

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

HSG-E01-600-B

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG-E01-600-C

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSG-E01-600-D

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

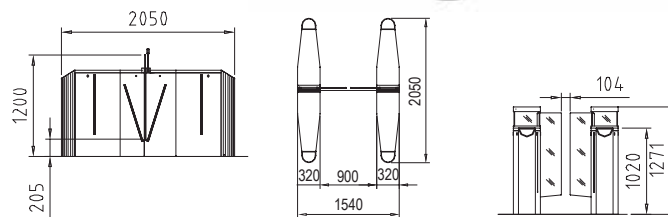
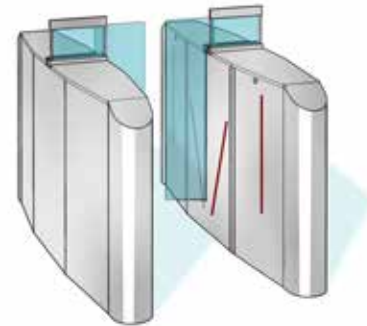
HSG Half-height Sensor Gates

HSG-E01 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1540mm, interlock height = 1020mm, interlock length = 2050mm.



HSG-E01-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm.

HSG-E01-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG-E01-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSG-E01-900-D

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Powered sliding motion of door leaves into the housing. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

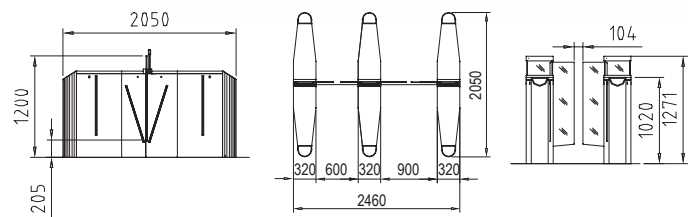
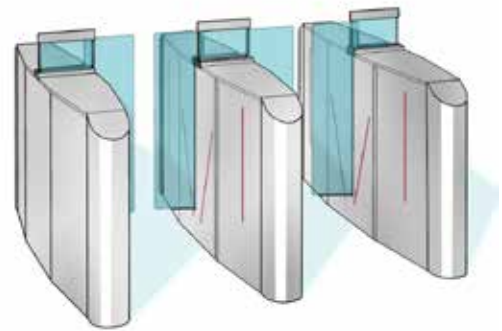
HSG Half-height Sensor Gates

HSG-E01- POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 600mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Two lanes - passage width = one lane 900mm, one lane 600mm, total width = 2460mm, interlock height = 1020mm, interlock length = 2050mm.



HSG-E01-600-900-A

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm.

HSG-E01-600-900-B

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG-E01-600-900-C

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSG-E01-600-900-D

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

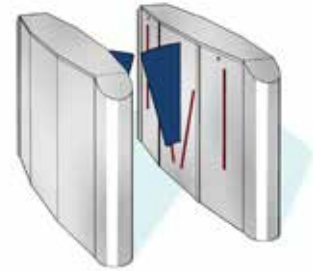
ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG Half-height Sensor Gates

HSG-L01 - POWER ASSISTED MOTION

Construction

Passage width = 600mm, total width = 1240mm, interlock height = 1020mm, interlock length = 2050mm. Housing and base columns made of stainless steel satin finish AISI 304. Two barrier elements made of 22mm polyurethane foam, height 980mm.



Electric

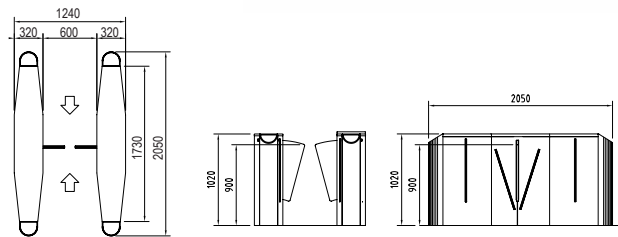
Control units and power supply unit are integrated in the unit. Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).
Not suitable for outdoor installation.

Protection Class

Housing IP32. Components conducting supply voltage IP42.



HSG-L01-600-A

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

HSG-L01-600-B

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG-L01-600-C

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSG-L01-600-D

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

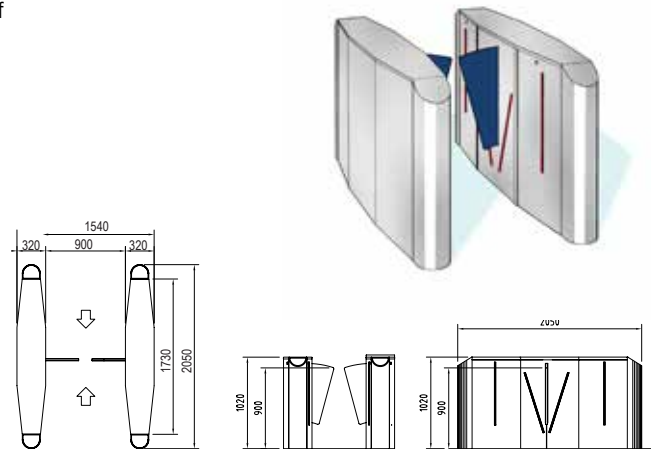
HSG Half-height Sensor Gates

HSG-L01 - POWER ASSISTED MOTION 900MM - CONTINUED

This unit features an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.

Construction

Passage width = 900mm, total width = 1540mm, interlock height = 1020mm, interlock length = 2050mm.



HSG-L01-900-A

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm.

HSG-L01-900-B

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG-L01-900-C

FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSG-L01-900-D

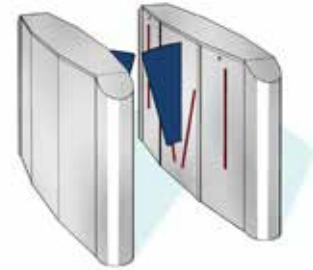
FUNCTION: Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG Half-height Sensor Gates

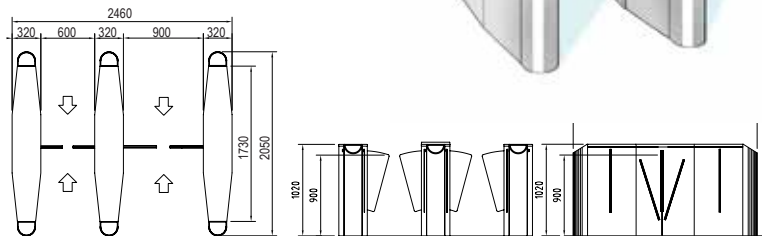
HSG-L01 - POWER ASSISTED MOTION TWO LANE ACCESS - CONTINUED

This unit features two lane access. One lane has a standard passage width of 600mm and the other lane has an increased passage width of 900mm to accommodate persons with reduced mobility and transit of goods.



Construction

Two lanes - passage width = one lane 900mm, one lane 600mm, total width = 2460mm, interlock height = 1020mm, interlock length = 2050mm.



HSG-L01-600-900-A

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm.

HSG-L01-600-900-B

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

HSG-L01-600-900-C

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

HSG-L01-600-900-D

FUNCTION: Two lanes, one lane 600mm passage width, one lane 900mm passage width. Power-assisted motion; two directions electrically controlled, drives integrated in the housing. Motor-driven curved motion of door wings into the housings. Entrance sector monitored by enhanced sensor system in optimised overall length and alignment (increased level of single passage monitoring in both directions, security level 2). Integrated protection against entry from below, identification of trolleys, detection of children. Protective device: the barrier elements are monitored by a light curtain.

ACCESSORIES: Passage width increased to 900mm. LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate. Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.



Kentaur Full-height Turnstiles

The robust Kentaur Turnstiles and Full-Height Gates are especially suited for perimeter security of areas and buildings. Versatile versions allow for individual combinations of multiple units. The patented locking system prevents people from being locked up.

Versatility

The product series Kentaur offers a modular design. 3 and 4 winged units with straight or U-shaped bars can be combined with each other. The same applies for units with integrated bicycle access or swing door, escape route function 1 or resistance class WK2. The roofs fit with any of the single, multiple or space saving double units.

Minimal Energy Consumption

The quiet low-energy drive consumes very little energy and due to the low forces minimizes the risk of injury for the users during rotation.

Safe Passage

The endpoint locking implemented in Kentaur turnstiles prevents people from being locked or jammed. After release the rotation may be stopped halfway and the turnstile can be rotated backwards. If the turnstile is rotated more than halfway, the unit can only be left in the direction of release.

Throughput rate	=	up to 20 per minute
Security level	=	● ● ● ● ○
Comfort	=	● ● ○ ○ ○

FTS Full-height Turnstiles

FTS-E01 - TYPE 2 - POWER ASSISTED MOTION

Construction

Portal width = 1370mm, total height = 2270mm, passage height = 2060mm, passage width = 560mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 180° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Barrier element with 11 straight crossbars, 42mm diameter, made of steel. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.

Electric

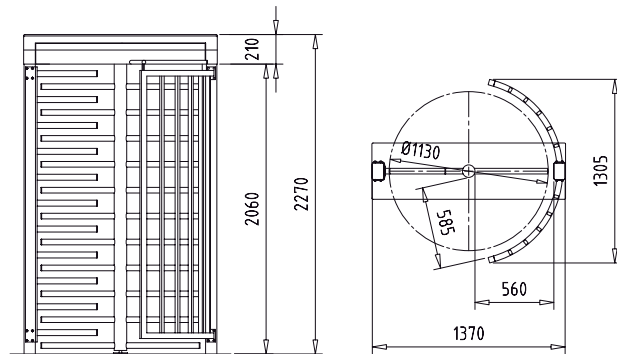
Control system integrated in the unit. Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection Class

Housing IP33. Components conducting supply voltage IP43.



FTS-E01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-E01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS-E01-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

FTS-E01-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Plastic console 1 RAL 9006 for installation of a contactless card reader.

FTS-E01-2-E

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Roof protection on the unit against climbing over and for weather protection.

FTS Full-height Turnstiles

FTS-E02- TYPE 0 - MANUAL MOTION

Construction

Portal width = 1540mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 120° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Barrier element with 11 straight crossbars, 42mm diameter, made of steel. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.

Electric

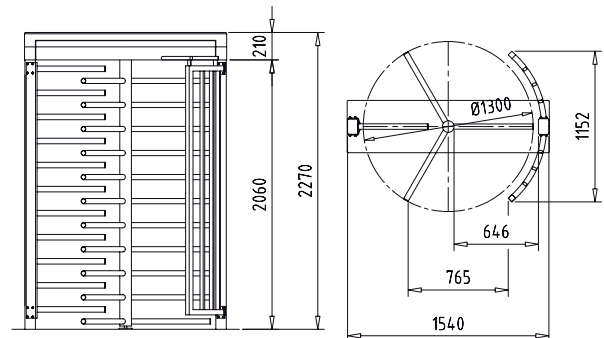
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E02-0-A

FUNCTION:

Manual motion, mechanically free in one direction/opposite direction blocked.

FTS Full-height Turnstiles

FTS-E02 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1540mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 120° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Barrier element with 11 straight crossbars, 42mm diameter, made of steel. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.

Electric

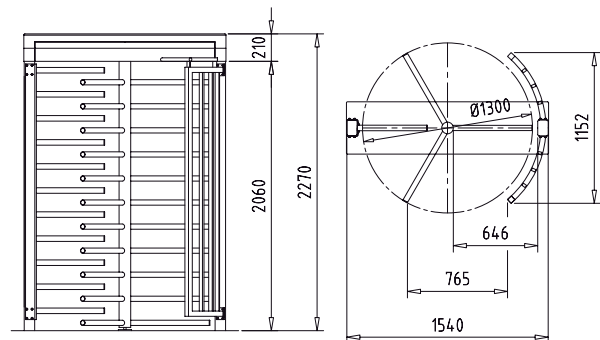
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E02-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.

FTS-E02-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

FTS-E02-1.2-C

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

FTS-E02-1.2-D

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Plastic console 1 RAL 9006 for installation of a contactless card reader.

FTS-E02-1.2-E

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Roof protection on the unit against climbing over and for weather protection.

FTS Full-height Turnstiles

FTS-E02 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1540mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 120° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Barrier element with 11 straight crossbars, 42mm diameter, made of steel. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.

Electric

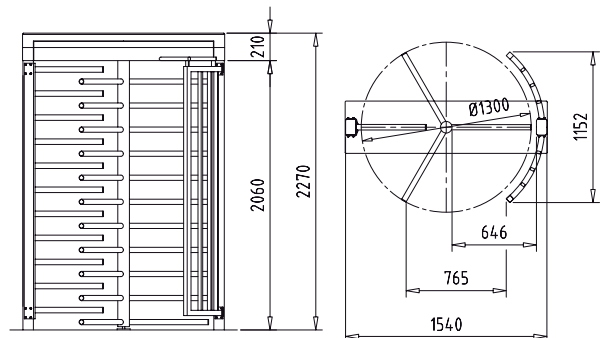
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E02-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-E02-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS-E02-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

FTS-E02-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Plastic console 1 RAL 9006 for installation of a contactless card reader.

FTS-E02-2-E

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Roof protection on the unit against climbing over and for weather protection.

FTS Full-height Turnstiles

FTS-E03 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1540mm, total height = 2270mm, passage height = 2060mm, passage width = 550mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 90° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Barrier element with 11 straight crossbars, 42mm diameter, made of steel. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.

Electric

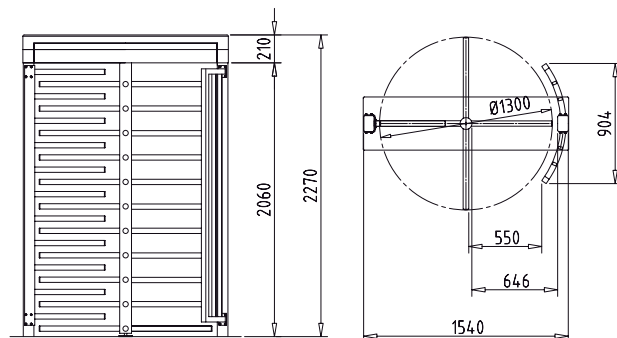
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E03-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.

FTS-E03-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

FTS-E03-1.2-C

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

FTS-E03-1.2-D

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Plastic console 1 RAL 9006 for installation of a contactless card reader.

FTS-E03-1.2-E

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Roof protection on the unit against climbing over and for weather protection.

FTS Full-height Turnstiles

FTS-E03- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1540mm, total height = 2270mm, passage height = 2060mm, passage width = 550mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 90° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Barrier element with 11 straight crossbars, 42mm diameter, made of steel. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.



Electric

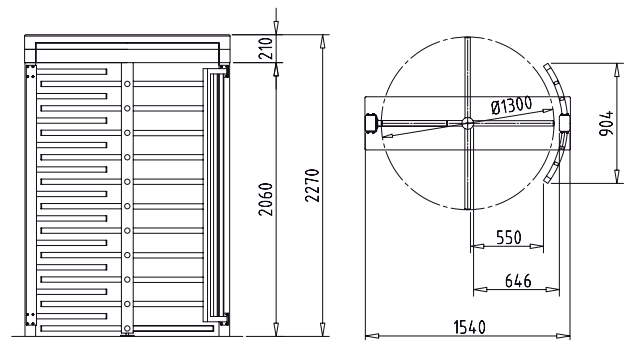
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E03-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-E03-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS-E03-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

FTS-E03-2-D

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Plastic console 1 RAL 9006 for installation of a contactless card reader.

FTS-E03-2-E

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Roof protection on the unit against climbing over and for weather protection.

FTS Full-height Turnstiles

FTS-E04- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Construction - Portal width = 1540mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of stainless steel. 120° rotating unit: tubular column, 89mm diameter, each with 13 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304, with protection against sawing through and black plastic covering caps. Curved barrier element, as well as passage enclosure with steel sections and protection against sawing through. Connection for on-site earthing band included in both door posts.

Electric

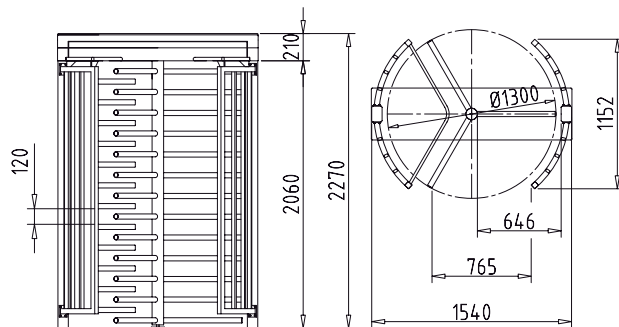
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E04-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-E04-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS Full-height Turnstiles

FTS-E05 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1500mm, total height = 2270mm, passage height = 2060mm, passage width = 656mm. 120° rotating unit: tubular column, 89mm diameter, each with 11 straight crossbars, 40mm diameter, made of steel hot-dip galvanised with black plastic covering caps. Passage enclosure by steel frame with vertical sections. Metal housing with front panel for installation of card readers and spare room for other devices. Connection for on-site earthing band included in both door posts.

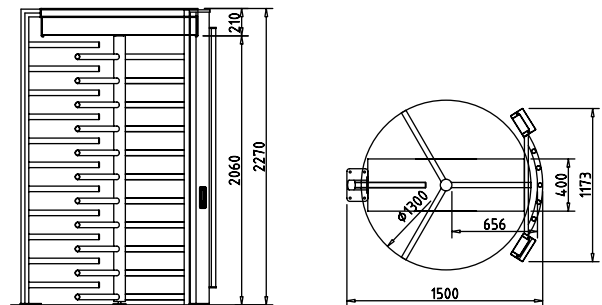
Electric

Control system integrated in the unit.

Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).



FTS-E05-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.

FTS-E05-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

FTS-E05-1.2-C

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

FTS Full-height Turnstiles

FTS-E05- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1500mm, total height = 2270mm, passage height = 2060mm, passage width = 656mm. 120° rotating unit: tubular column, 89mm diameter, each with 11 straight crossbars, 40mm diameter, made of steel hot-dip galvanised with black plastic covering caps. Passage enclosure by steel frame with vertical sections. Metal housing with front panel for installation of card readers and spare room for other devices. Connection for on-site earthing band included in both door posts.

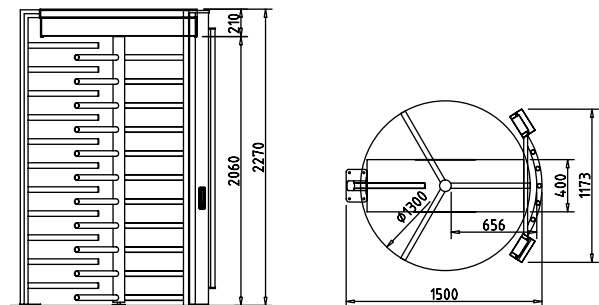
Electric

Control system integrated in the unit.

Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).



FTS-E05-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-E05-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS-E05-2-C

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: LED signal device (arrow-cross pictogram) 90mm diameter, 1 set fitted to cover plate.

FTS Full-height Turnstiles

FTS-E06 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2340mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of aluminium.

Two 120° rotating units: two stainless steel AISI 304 tubular columns, 89mm diameter, each with 11 straight barrier elements made of stainless steel AISI 304, 40mm diameter, with black plastic cover caps. Steel barrier element in the midsection with 21 straight crossbars, 42mm diameter, made of steel.

The intermeshing rotating units require little space. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.



Electric

Control system integrated in the unit.

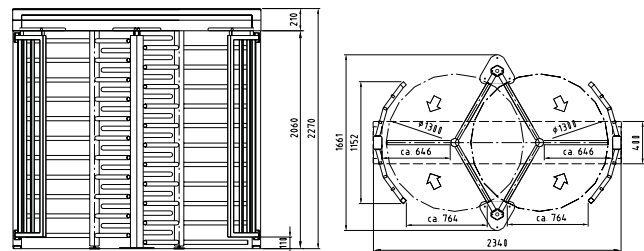
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E06-1.2-A

FUNCTION:

Manual motion; two directions electrically controlled.

FTS Full-height Turnstiles

FTS-E06- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2340mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. Two 120° rotating units: two stainless steel AISI 304 tubular columns, 89mm diameter, each with 11 straight barrier elements made of stainless steel AISI 304, 40mm diameter, with black plastic cover caps. Steel barrier element in the midsection with 21 straight crossbars, 42mm diameter, made of steel. The intermeshing rotating units require little space. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.

Electric

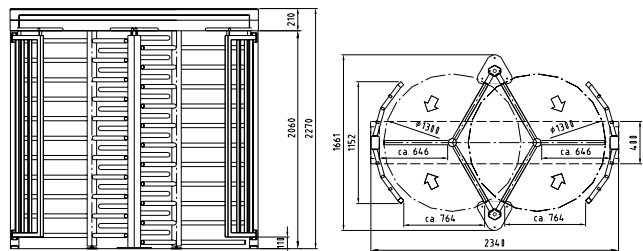
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-E06-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS Full-height Turnstiles

FTS-L01 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2050mm, total height = 2270mm, passage height = 2060mm, passage width = 490mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. Two 90° rotating units: two stainless steel AISI 304 tubular columns, 89mm diameter, each with 11 straight barrier elements made of stainless steel AISI 304, 40mm diameter, with black plastic cover caps. Steel barrier element in the midsection, encased with stainless steel satin finish on the front sides. The intermeshing rotating units require little space. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.



Electric

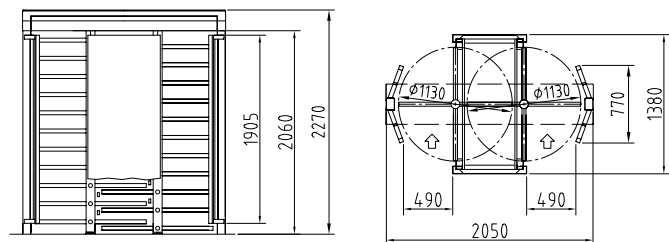
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-L01-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.

FTS-L01-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

FTS Full-height Turnstiles

FTS-L01- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2050mm, total height = 2270mm, passage height = 2060mm, passage width = 490mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. Two 90° rotating units: two stainless steel AISI 304 tubular columns, 89mm diameter, each with 11 straight barrier elements made of stainless steel AISI 304, 40mm diameter, with black plastic cover caps. Steel barrier element in the midsection, encased with stainless steel satin finish on the front sides. The intermeshing rotating units require little space. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.



Electric

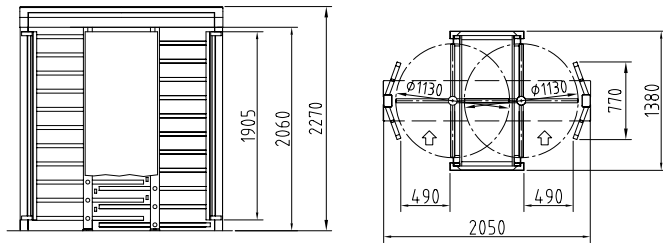
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-L01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-L01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS Full-height Turnstiles

FTS-L02- TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2080mm, total height = 2260mm, passage height = 2060mm, passage width = 490mm. Steel frame with aluminium covering plate. 90° rotating unit: tubular column, 89mm diameter, with 6 straight barrier elements, 40mm diameter, made of stainless steel AISI 304 with black plastic covering caps. Steel barrier element in the midsection encased with stainless steel satin finish on the front sides.

The intermeshing rotating units require little space. Passage enclosure inside with curved steel bar, outside with pivoting guiding elements which can be closed to lock the unit. They are motor driven, all-stainless steel AISI 304 satin finish and they have spare room to install devices. Connection for on-site earthing band included in both door posts.



Electric

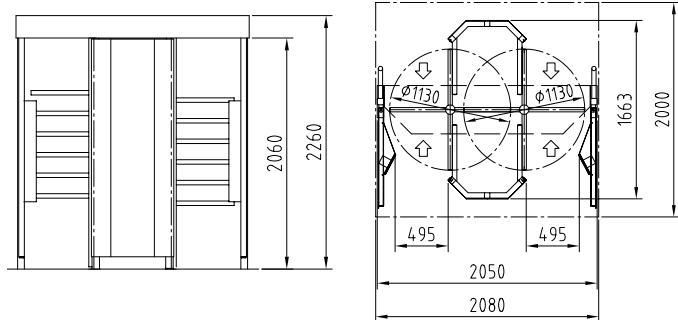
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-L02-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.

FTS-L02-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

FTS Full-height Turnstiles

FTS-L02- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2080mm, total height = 2260mm, passage height = 2060mm, passage width = 490mm. Steel frame with aluminium covering plate. 90° rotating unit: tubular column, 89mm diameter, with 6 straight barrier elements, 40mm diameter, made of stainless steel AISI 304 with black plastic covering caps. Steel barrier element in the midsection encased with stainless steel satin finish on the front sides. The intermeshing rotating units require little space. Passage enclosure inside with curved steel bar, outside with pivoting guiding elements which can be closed to lock the unit. They are motor driven, all-stainless steel AISI 304 satin finish and they have spare room to install devices. Connection for on-site earthing band included in both door posts.



Electric

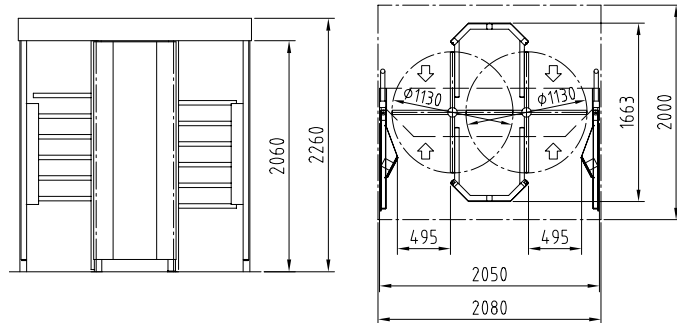
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-L02-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-L02-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS Full-height Turnstiles

FTS-L05 - TYPE 1.2 - MANUAL MOTION, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1370mm, total height = 2270mm, passage height = 2060mm, passage width = 490mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 90° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Steel barrier element encased with stainless steel satin finish on the front sides.

Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.



Electric

Control system integrated in the unit.

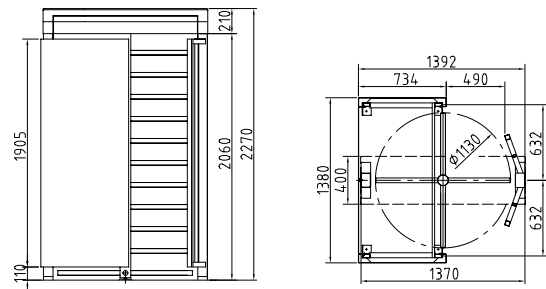
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-L05-1.2-A

FUNCTION: Manual motion; two directions electrically controlled.

FTS-L05-1.2-B

FUNCTION: Manual motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

FTS Full-height Turnstiles

FTS-L05- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1370mm, total height = 2270mm, passage height = 2060mm, passage width = 490mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 90° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Steel barrier element encased with stainless steel satin finish on the front sides. Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.

Electric

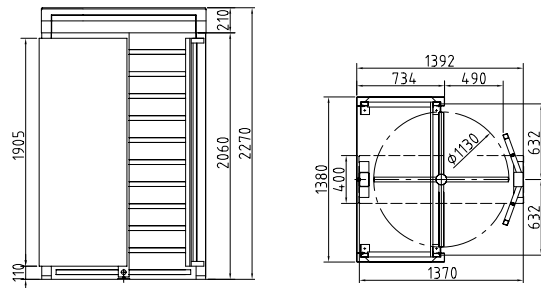
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-L05-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-L05-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

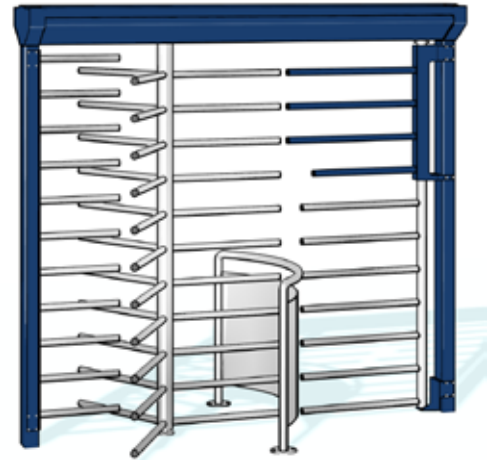
ACCESSORIES: Operating Panel OPL 05 - film keypad with six pushbuttons and six green LEDs.

FTS Full-height Turnstiles

FTS-M01 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2440mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 120° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Barrier element with 11 straight crossbars, 42mm diameter, made of steel. Half-height passage enclosure made of curved stainless steel tubing AISI 304 with plate panels. Connection for on-site earthing band included in both door posts. Automatic bike door with 7 straight crossbars, 40mm diameter, made of stainless steel. Barrier element above with 4 straight crossbars, 42mm diameter, made of steel.



Electric

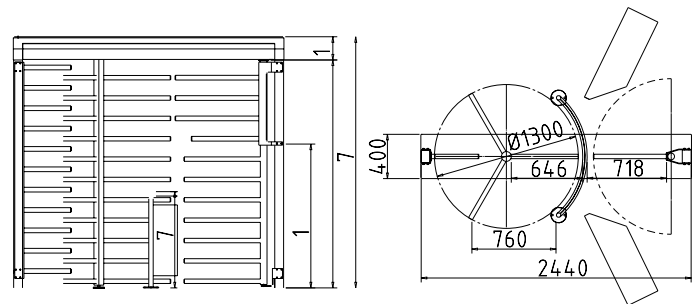
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-M01-2-A

FUNCTION: Power-assisted motion; two directions electrically controlled.

FTS-M01-2-B

FUNCTION: Power-assisted motion; two directions electrically controlled.

ACCESSORIES: Operating Panel OPL 02 - film keypad with six pushbuttons and six green LEDs.

FGE Full-height Turnstiles

FGE-M01- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1370mm, total height = 2270mm, passage height = 2060mm, passage width = 1080mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. Swing door: tubular column, 89mm diameter, with 11 straight crossbars, 40mm diameter, and vertical reinforcement plate made of glossy stainless steel AISI 304. Connection for on-site earthing band included in both door posts.

Electric

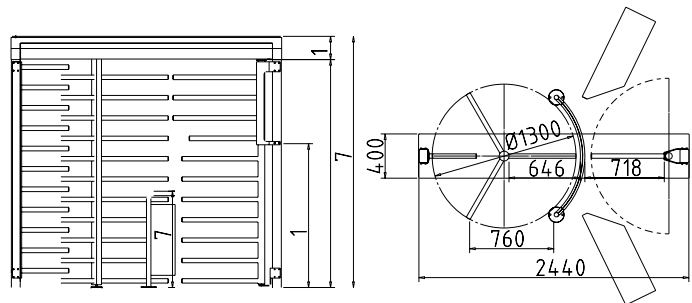
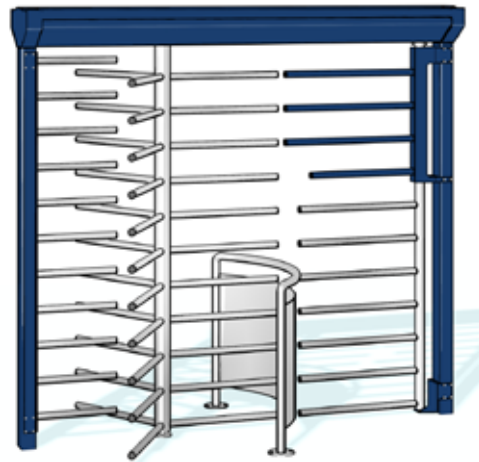
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FGE-M01-2-A

FUNCTION:

Power-assisted motion; two directions electrically controlled. In the case of a power failure: both directions are locked.

FTS Full-height Turnstiles

FTS-M02- TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 2440mm, total height = 2270mm, passage height = 2060mm, passage width = 646mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 120° rotating unit: tubular column, 89mm diameter, each with 7 U-shaped crossbars, 27mm diameter, made of glossy stainless steel AISI 304. Curved barrier element and passage enclosure with steel sections. Half-height passage enclosure made of curved stainless steel tubing AISI 304 with plate panels. Connection for on-site earthing band included in both door posts. Automatic bike door with 3 U-shaped crossbars, 27mm diameter, and protection plate below. Tube frame, plate and crossbars made of glossy stainless steel. Fixed barrier element above the bike door with 2 U-shaped crossbars, 27mm diameter, and tube frame made of steel.



Electric

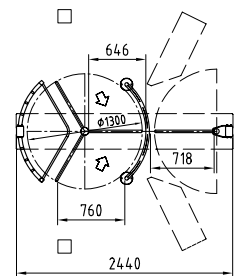
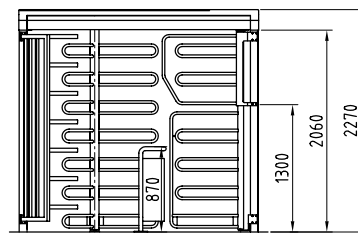
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-M02-2-A

FUNCTION:

Power-assisted motion; two directions electrically controlled. In the case of power failure: entry direction locked, exit direction free. Automatic bike door with two induction loops (separately supplied) and loop detector in two directions, electrically controlled. In the case of a power failure: both directions are locked.

FTS Full-height Turnstiles

FTS-M03 - TYPE 0 - MANUAL MOTION

Construction

Portal width = 1940mm, total height = 2270mm, passage height = 2060mm, turnstile's passage width = 560mm, passage width integrated door = 1010mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 180° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Integrated door as barrier element with 10 straight crossbars, 42mm diameter and all-round frame with steel bars, equipped with knob on both sides and locking bolt (prepared for customer's profile cylinder). Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.



Electric

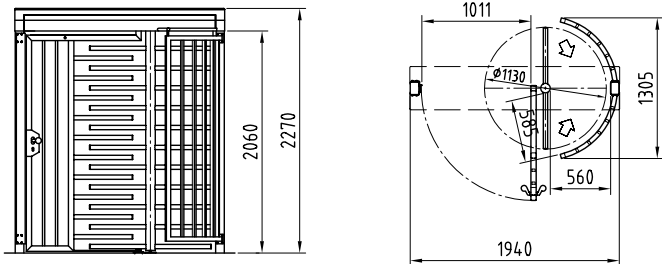
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-M03-0-A

FUNCTION:

Manual motion; mechanically free in one direction/opposite direction blocked. Locked direction of use: exit accessible, entry locked.

FTS Full-height Turnstiles

FTS-M03 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1940mm, total height = 2270mm, passage height = 2060mm, turnstile's passage width = 560mm, passage width integrated door = 1010mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 180° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Integrated door as barrier element with 10 straight crossbars, 42mm diameter and all-round frame with steel bars, equipped with knob on both sides and locking bolt (prepared for customer's profile cylinder). Passage enclosure with steel sections. Connection for on-site earthing band included in both door posts.



Electric

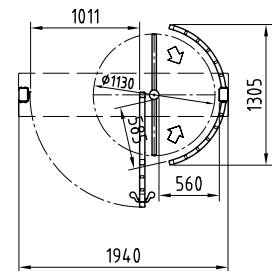
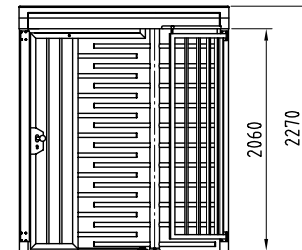
Control system integrated in the unit.
Power supply 110-230 VAC 50/60 Hz.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43.



FTS-M03-2-A

FUNCTION:

Power-assisted motion; two directions electrically controlled. For type 2 the rotating unit turn automatically 90° when opening the integrated door.

FTS Full-height Turnstiles

FTS-M05 - TYPE 2 - POWER ASSISTED, TWO DIRECTIONS ELECTRICALLY CONTROLLED

Construction

Portal width = 1940mm, total height = 2270mm, passage height = 2060mm, Turnstile's passage width = 560mm, passage width integrated door = 1120mm. Portal and housing made of steel, lockable maintenance openings made of aluminium. 180° rotating unit: tubular column, 89mm diameter, each with 11 straight barrier elements, 40mm diameter, made of glossy stainless steel AISI 304 with black plastic cover caps. Integrated door as barrier element with 10 straight crossbars, 42mm diameter, and all-round frame with steel bars, equipped with knob on both sides and release mortise lock (prepared for customer's profile cylinder). Passage enclosure with steel sections. Electrical emergency door opener is open if no power is available. Connection for on-site earthing band included in both door posts.



Electric

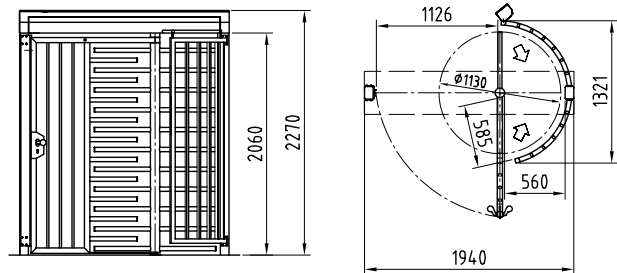
Control system integrated in the unit. Power supply 110-230 VAC 50/60 Hz. Kaba door terminal, including emergency push button, key switch and emergency exit symbol, for emergency exit release on inside (with integrated emergency exit control), supplied loose.

Installation

Mounted on finished floor level (FFL).

Protection class

Housing IP33, components conducting supply voltage IP43, door terminal IP44.



FTS-M05-2-A

FUNCTION:

Power-assisted motion; two directions electrically controlled. The rotating unit turns automatically 90° when opening the integrated door.



Geryon Security Revolving Doors

Geryon Security Revolving Doors secure protected areas of a building against unauthorised entry and offer a variety of options for different levels of security.

Geryon Security Revolving Doors SRD

Owing to the high transparency of the glass elements and the wide variety of colors of the metal parts, all models elegantly blend with their surroundings.

A sophisticated sensor system, in compliance with the latest standards, prevents users from being injured.

Depending on the security requirements, the door may be equipped with contact mat, scale or in-cabin monitoring.

Other variants are reinforced bullet- and burglary-resistant layouts which are certified according to standards WK2 and WK3 respectively.

Options like a rotating unit with escape route function or a night closure complete the range of products.

Geryon Security Revolving Doors SRD

Throughput rate	=	up to 20 per minute
Security level	=	● ● ● ● ○
Comfort	=	● ● ● ● ○
Personal safety	=	● ● ● ○ ○

SRD Security Revolving Doors

SRD-E01 - POWER ASSISTED MOTION

Construction

Total height = 2300mm, passage height = 2100mm, upper body part = 200mm.

Electric

Control system integrated in the unit.
Power supply 230 VAC 50/60 Hz.

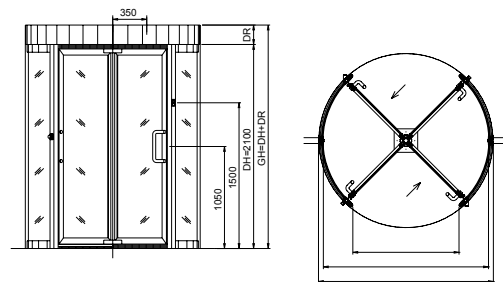
Installation

On finished floor level (FFL).



Dimensions

OUTSIDE DIAMETER	INSIDE DIAMETER	ENTRANCE WIDTH 120°	ENTRANCE WIDTH 180°
1500	1400	700	-
1600	1500	759	-
1700	1600	818	-
1800	1700	877	1093
1900	1800	936	1163
2000	1900	1020	1234



SRD-E01-1600-A

FUNCTION: PR-1 drive to regulate the position for automatic access control. Starts with a manual push after release signal. Sensor system in the ceiling monitors the barrier segment, incl. release-button. In the case of a power failure: end point locking system locked. Two emergency off switches installed at the corner profile (one outside and one inside). If night slides outside are present, they are installed on the reader post or night slide wings (electrical adapter kit for NS required).



Talos Revolving Doors

Revolving doors in particular, thanks to their closed design, allow the highest possible energy saving during entry or exit of a building. Without draught, which usually occurs with opening doors, the interior next to the revolving door may be optimally used for reception or a suite.

Optimal throughput rates can be achieved by simultaneous passage from inside and outside. Versatile variants of options allows for the equipment of revolving doors according to the customers needs: wheelchair accessible, with escape route function, with night closure or with corresponding resistance classes against bullet impact or burglary. At the same time the prestigious entrance area gains attractiveness due to the transparent design.

User friendliness

A sophisticated sensor system according to current regulations prevents users from being injured. A running controller for reduction of rotational speed may be used for handicapped access.

Talos Revolving Doors RDR

Throughput rate (1 direction) =	16 to 28 per minute
Security level =	●●●○○
Comfort =	●●●○○
Personal safety =	●●●○○

RDR Revolving Doors

RDR-E01 - POWER ASSISTED MOTION

Construction

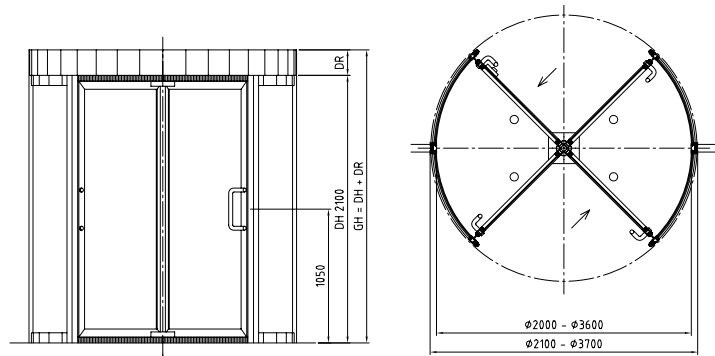
Total height = 2300mm, passage height = 2100mm, upper body part = 200mm.

Body - Side panels with 8mm laminated safety glass. Thermal separation of body elements on façade level. Top dust-proof cover made of raw aluminium plate. Two maintenance openings in the lower ceiling plate.

Rotating unit - Four-leaf 180°, all-round aluminium profiles T40 with sealing brushes. Tempered safety glass. Black U-shaped handles. Bolt lock (installed on top of door leaf) prepared for profile cylinder provided by customer to fix the rotating unit.

Installation

Mounted on finished floor level (FFL), floor evenness $\pm 2\text{mm}$ (in the case of floor unevenness, we recommend you install a floor element).



RDR-E01-2100-A

FUNCTION: Can be rotated freely manually, smooth-running.

RDR Revolving Doors

RDR-S01 - POWER ASSISTED MOTION

Construction

Total height = 2230mm, passage height = 2100mm, upper body part = 130mm.

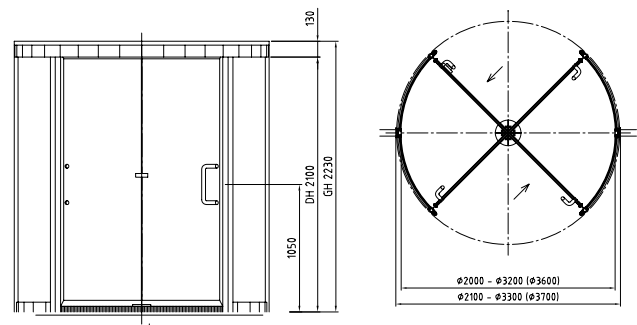
Body - Side panels with 8mm laminated safety glass. Thermal separation of body elements on façade level. Glass ceiling consisting of 2 laminated safety glass segments, all-round framing according to TRLV (technical rules for the use of linear shaped glazing), maximum outside diameter for T25 is 3300mm (3700mm only in the case of T40).

Rotating unit - Four-leaf 180°, without central profile, all-round aluminium profiles T25mm with sealing brushes (3700mm diameter for T40). Tempered safety glass. Black U-shaped handles. Bolt lock for profile cylinder provided by customer (closing downwards) to fix the rotating unit.



Installation

Mounted on finished floor level (FFL), floor evenness ± 2 mm (in the case of floor unevenness, we recommend you install a floor element).



RDR-S01-2100-A

FUNCTION: Can be rotated freely manually, smooth-running.



Orthos Security Interlocks

Orthos electronically monitored security interlocks meet the most exacting security requirements and offer optimum protection for the sensitive areas of a building.

Versatility

The Orthos product series comprises all kinds of shapes, whether round or angled personal interlocks for single passage or interlocks with a set of doors in a row which can only be passed in one direction.

Orthos PIL Personal Interlocks round or cubic

The degree of separation may be accomplished by means of body weight, sensors or an additional check point for identification in the middle of the interlock. With regard to the security requirements the interlock may be equipped with contact mat, scales or in-cabin monitoring. Alternative versions for high-security areas are bullet- and burglary-resistant layouts. The different variants are certified from RC2/WK2 up to WK4.

Orthos Personal Interlocks round or cubic

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

PIL Orthos Security Interlocks

PIL-S01 - AUTOMATIC OPENING AND CLOSING

Construction

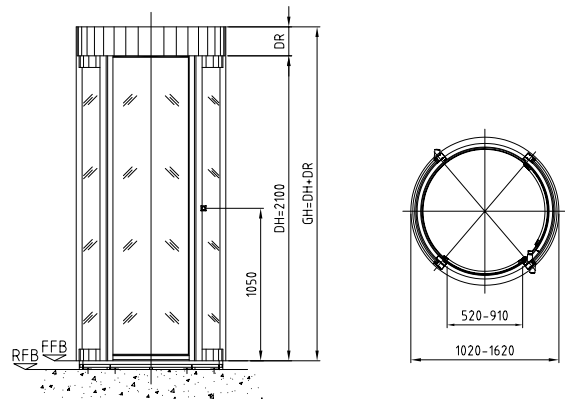
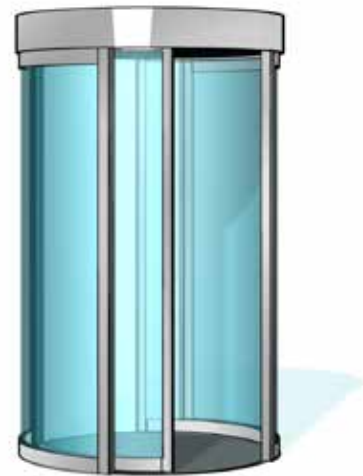
Outside diameter = 1220mm or 1420mm, 1620mm, total height = 2300mm, passage height = 2100mm, upper body part 200mm. Passage width = 650mm, 780mm or 910mm
Body - Side panels with glazing in accordance with the sliding door, alternatively with metal cladding.
Sliding doors - Made of aluminium profiles with curved glass. Flush mounted outside.

Electric

Power supply 230VAC 50Hz.

Installation

On stainless steel floor element with guiding rail for structural floor level SFL, measure X = 70-79mm. Including black rubber floor covering.



PIL-S01-1220-A

FUNCTION: Door leaves with locking system. Default position inside and outside closed. Automatic opening and closing of both doors consecutively. Release switch PMA inside the interlock, opens the outer door. Interior planar light scanner for relaying, including 1-zone contact mat with black rubber floor covering. Light curtain for contactless protection. Integrated in the faceplate of the outside radius on both sides. Behaviour of the sliding doors in the case of a power failure is as desired. Standard setting: inside closed and locked, outside open.

PIL-S01-1420-A

FUNCTION: Door leaves with locking system. Default position inside and outside closed. Automatic opening and closing of both doors consecutively. Release switch PMA inside the interlock, opens the outer door. Interior planar light scanner for relaying, including 1-zone contact mat with black rubber floor covering. Light curtain for contactless protection. Integrated in the faceplate of the outside radius on both sides. Behaviour of the sliding doors in the case of a power failure is as desired. Standard setting: inside closed and locked, outside open.

PIL-S01-1620-A

FUNCTION: Door leaves with locking system. Default position inside and outside closed. Automatic opening and closing of both doors consecutively. Release switch PMA inside the interlock, opens the outer door. Interior planar light scanner for relaying, including 1-zone contact mat with black rubber floor covering. Light curtain for contactless protection. Integrated in the faceplate of the outside radius on both sides. Behaviour of the sliding doors in the case of a power failure is as desired. Standard setting: inside closed and locked, outside open.

PIL Orthos Security Interlocks

PIL-C01 - AUTOMATIC OPENING AND CLOSING

Construction

Outside diameter = 1020mm or 1220mm, total height = 2400mm, passage height = 2100mm, upper body part 300mm. Passage width = 550mm or 680mm.

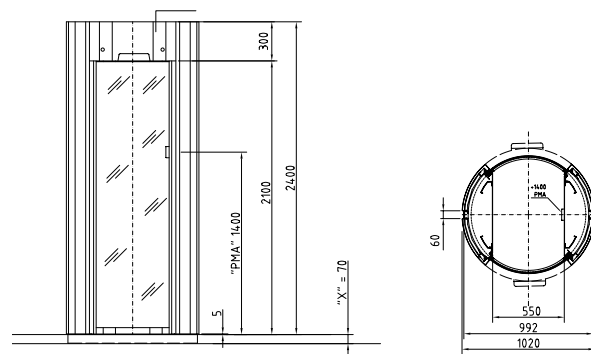
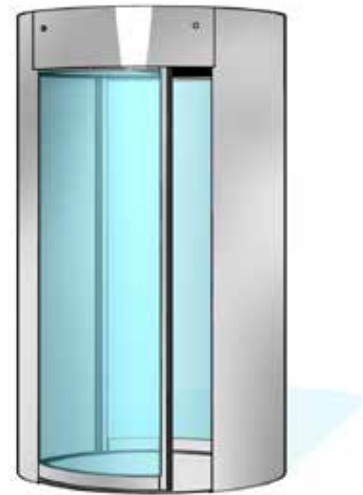
Body - Metal cladding on side panels with steel sub-structure.
Sliding doors - Made of aluminium profiles with curved laminated safety glass 10mm. Flush mounted outside.

Electric

Power supply 230VAC 50Hz.

Installation

On floor element for structural floor level SFL, measure X = 70.



PIL-C01-1020-A

FUNCTION: Door leaves with locking system. Safety strips at the main closing edges, fixed at the door. Default position inside and outside closed. Automatic opening and closing of both doors consecutively. PMA release switch opens the outer door. Inner area monitored by sensor system (1-zone contact mat with black rubber floor covering). Behaviour of the sliding doors in the case of a power failure: inside closed and locked, outside open.

PIL-C01-1220-A

FUNCTION: Door leaves with locking system. Safety strips at the main closing edges, fixed at the door. Default position inside and outside closed. Automatic opening and closing of both doors consecutively. PMA release switch opens the outer door. Inner area monitored by sensor system (1-zone contact mat with black rubber floor covering). Behaviour of the sliding doors in the case of a power failure: inside closed and locked, outside open.

PIL Orthos Security Interlocks

PIL-M01 - AUTOMATIC OPENING AND CLOSING

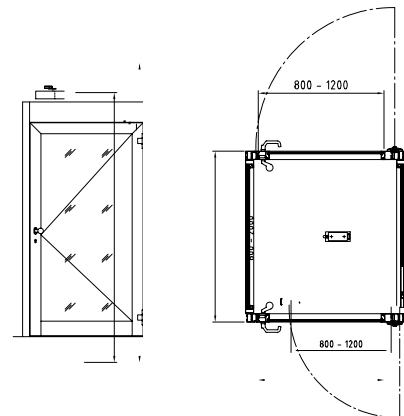
Construction

Total height = 2330mm, passage height = 2100mm, upper part of the body 230mm, passage width = approx. 800/1000/1200mm.

Body - Upper part of the body with dustproof covering and ceiling plate house the control and surveillance elements.

Installation

With side walls on finished floor level FFL.



PIL-M01-800-A

FUNCTION: Default position inside and outside closed. Release signals to activate the door inside or outside provided by the customer. Release respectively power assisted opening of the first door in entrance or exit direction. Release respectively power assisted opening of the second door in entrance or exit direction as soon as the first door is automatically closed and locked. Interior planar light scanner for relaying. Lighting installation is possible.

PIL-M01-1000-A

FUNCTION: Default position inside and outside closed. Release signals to activate the door inside or outside provided by the customer. Release respectively power assisted opening of the first door in entrance or exit direction. Release respectively power assisted opening of the second door in entrance or exit direction as soon as the first door is automatically closed and locked. Interior planar light scanner for relaying. Lighting installation is possible.

PIL-M01-1200-A

FUNCTION: Default position inside and outside closed. Release signals to activate the door inside or outside provided by the customer. Release respectively power assisted opening of the first door in entrance or exit direction. Release respectively power assisted opening of the second door in entrance or exit direction as soon as the first door is automatically closed and locked. Interior planar light scanner for relaying. Lighting installation is possible.

PIL Orthos Security Interlocks

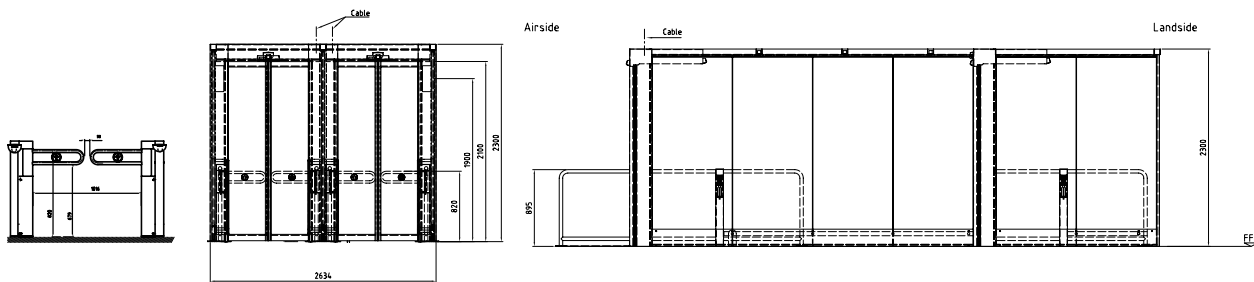
PIL-M02 - AUTOMATIC OPENING AND CLOSING

Electric

Power supply 230VAC 50Hz.

Installation

On floor element for floor level SFL
measure X = 70.



PIL-M02-SUS-A

FUNCTION: Passage sequence - In the basic position, the door leaves of the hinge door and the barrier elements of the swing door are closed. When a person from airside walks through the door, the hinge door opens. When crossing the hinge door in the permitted direction, the swing door opens. The hinge door and swing doors close as soon as the last person has crossed the sector where the opening and monitoring sensors are installed. In the case of an attempt to cross in the wrong direction, if the door is opened, the sensors for opposite direction activate an alarm; the doors close - always taking into account the closing edge monitoring. If a person is located between the swing door and the hinge doors, he can exit the corridor by walking to the landside.

PIL-M02-SUL-A

FUNCTION: Passage sequence - In the basic position, the door leaves of the hinge door and the barrier elements of the swing door are closed. When a person from airside walks through the door, the hinge door opens. When crossing the hinge door in the permitted direction, the swing door opens. The hinge door and swing doors close as soon as the last person has crossed the sector where the opening and monitoring sensors are installed. The operation of the doors on the landside corresponds with the doors on the airside. In the case of an attempt to cross in the wrong direction, if the door is opened, the sensors for opposite direction activate an alarm; the doors close - always taking into account the closing edge monitoring. If a person is located between the swing door and the hinge door, he can exit the corridor by walking to the landside. The clearance begins on the landside.

PIL-M02-DUL-A

FUNCTION: Passage sequence - In the basic position, the door leaves of the hinge door and the barrier elements of the swing door are closed. When a person from airside walks through the door, the hinge door opens. When crossing the hinge door in the permitted direction, the swing door opens. The hinge door and swing doors close as soon as the last person has crossed the sector where the opening and monitoring sensors are installed. The operation of the doors on the landside corresponds with the doors on the airside. In the case of an attempt to cross in the wrong direction, if the door is opened, the sensors for opposite direction activate an alarm; the doors close - always taking into account the closing edge monitoring. If a person is located between the swing door and the hinge door, he can exit the corridor by walking to the landside. The clearance begins on the landside.



Pedestrian Guiding Bars

Pedestrian guiding bars professionally finish off all half-height Kaba units to the immediate environment. Pedestrian guiding bars bridge gaps to walls, lifts or to the reception. The timeless stainless steel design elegantly fits into any environment. All pedestrian guiding bars are suitable for installation outdoors.

Features

- > Optionally with or without glass panel.
- > Simple assembly on finished floor level.
- > Suitable for installation outdoors.

Applications

- > Addition to half-height access systems.
- > Separation of non-public areas.
- > Pedestrian guidance around access systems.

Pedestrian Guiding Bars

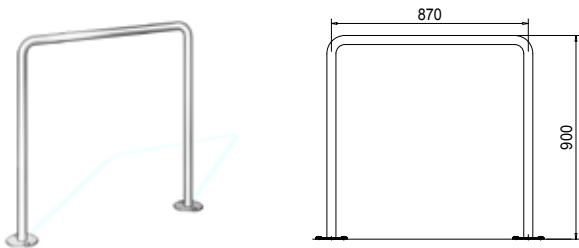
PGB

Construction

Axial dimension: 870mm, total height: 900mm. Pedestrian guiding element made of tubular stainless steel AISI 304, 40mm diameter, satin finish.

Installation

Mounted on finished floor level (FFL). Suitable for outside installation.



PGB-E01

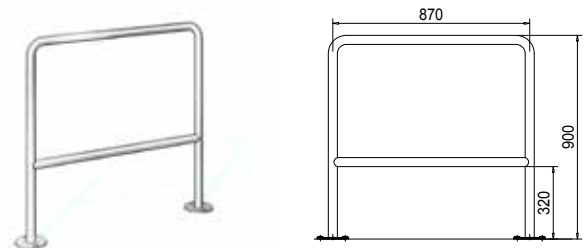
FUNCTION: Pedestrian guiding element.

Construction

Axial dimension: 870mm, total height: 900mm. Pedestrian guiding element with crossbar, made of tubular stainless steel AISI 304, 40mm diameter, height 320mm.

Installation

Mounted on finished floor level (FFL). Suitable for outside installation.



PGB-E02

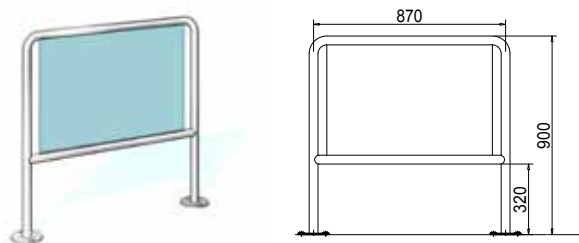
FUNCTION: Pedestrian guiding element with crossbar.

Construction

Axial dimension: 870mm, total height: 900mm. Pedestrian guiding element with crossbar, made of tubular stainless steel, satin finish AISI 304, 40mm diameter, with tempered safety glass panel.

Installation

Mounted on finished floor level (FFL). Suitable for outside installation.



PGB-E03

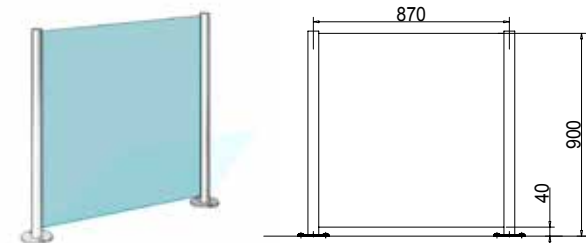
FUNCTION: Pedestrian guiding element with crossbar and safety glass panel.

Construction

Total height: 900mm. Pedestrian guiding bar as variable full-glass barrier system with two stainless steel posts, satin finish AISI 304, 48mm diameter.

Installation

Mounted on finished floor level (FFL). Suitable for outside installation.



PGB-S01-A

FUNCTION: Pedestrian guiding element with full-glass barrier system.



Card Reader Posts

High-grade stainless steel reader posts round off all Kaba access systems. Readers for access control are professionally integrated within them. The slot is linked to the read function with certain supporting columns, to ensure that identity cards can be returned with ease on leaving a building or premises.

Features

- › Prepared for customer installation of a Legic® LA-PP antenna and Kaba DML 2 control unit.
- › Adaptation to different reader systems possible.
- › Presence detection for unreadable cards.
- › Simple assembly on finished floor level.
- › Weather protective hood for outdoor installation.

Applications

- › Verification check as an addition to access systems.
- › Visitor entry and exit.
- › Visitor entry and exit by car.

Card Reader Posts

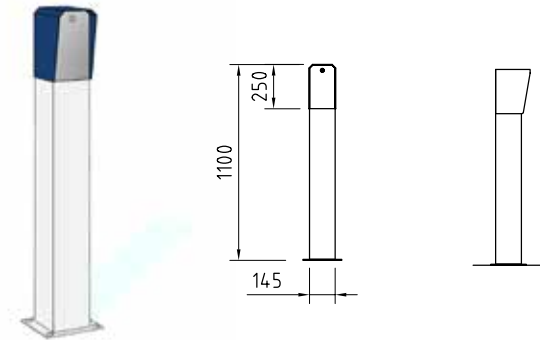
CRP

Construction

Aluminium reader post (WxLxH) 145 x 145 x 1100mm for reader or keypad.

Installation

Mounted on finished floor level (FFL).



CRP-C06

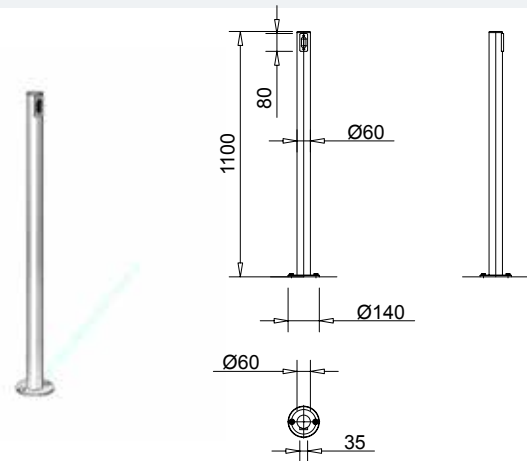
FUNCTION: Card reader post

Construction

Height = 1100mm, 48mm diameter. Card reader post made of stainless steel tube AISI 304 with aluminium distance unit 80 x 35mm coated in RAL 9006 and with cable bore for customer's reader plate (surface-mounted).

Installation

Mounted on finished floor level (FFL). Suitable for outdoor installation.



CRP-E01

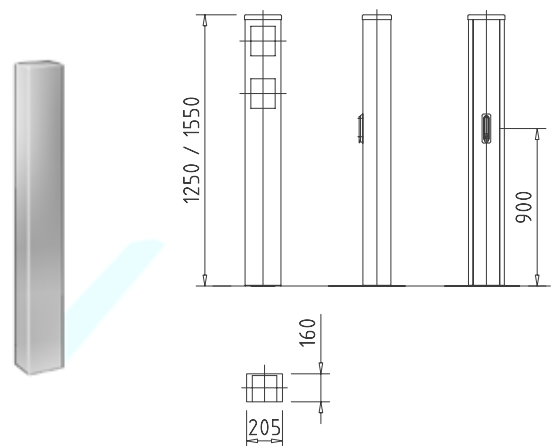
FUNCTION: Card reader post with aluminium distance unit.

Construction

Height = 1250mm, width = 205mm, depth = 160mm. Column made of stainless steel AISI 304 with removable maintenance opening to install devices supplied by customer (maximal dimensions H 170mm/W 140mm/D 150mm).

Installation

Mounted on finished floor level (FFL). Suitable for outdoor installation.



CRP-E03

FUNCTION: Card reader post with removable maintenance opening.

Card Reader Posts

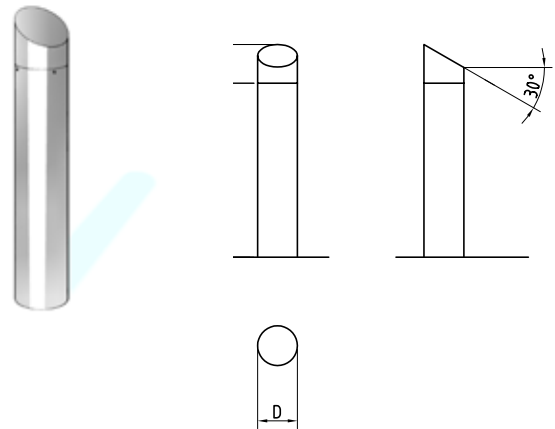
CRP

Construction

Height = 1100mm, 206mm diameter. Card reader post made of stainless steel tube AISI 304 with bevelled head (30°). Installation of devices must be checked in individual cases.

Installation

Mounted on finished floor level (FFL). Suitable for outdoor installation.



CRP-C01

FUNCTION: Car reader post with bevelled head.

Construction

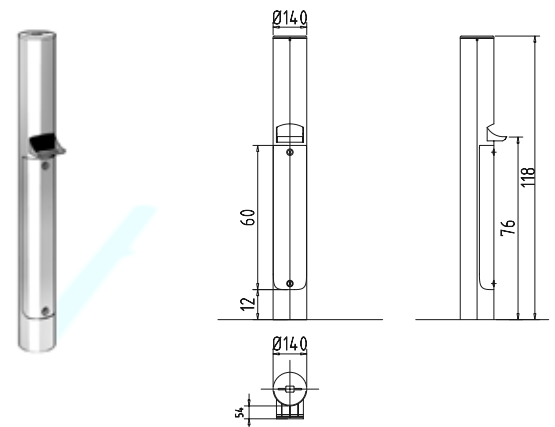
Height = 1180mm, 140mm diameter. Card reader post made of stainless steel tube AISI 304 with tray for returning cards, integrated all-over signal display (red/green) in the top horizontal cover, card slot with automatic closing function and lockable collecting box. Card dimensions on request. Presence identification for nonreadable cards.

Electric

Power supply 24VDC.

Installation

Mounted on finished floor level (FFL). Not suitable for outdoor installation.



CRP-M01

FUNCTION: Card reader post - prepared to install an on-site Legic®-Antenne LA-PP and a KABA DML 2 control. Adaptation to other reader systems on request.

Card Reader Posts

CRP

Construction

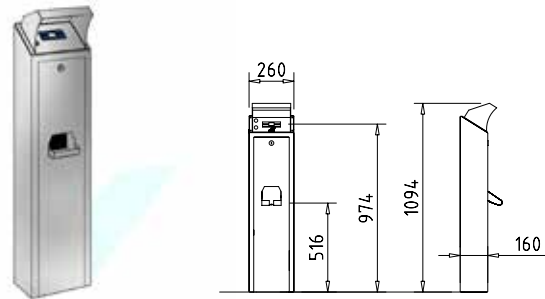
Height = 1094mm, width = 260mm, depth = 160mm. Card reader post made of stainless steel plate AISI 304 with tray for returning cards, integrated all-over signal display (red/green) in the bevelled cover, card slot with automatic closing function and lockable collecting box. Card dimensions on request. Presence identification for nonreadable cards and protective cover for outdoor installations.

Electric

Power supply 110-230VAC 50/60Hz.

Installation

Mounted on finished floor level (FFL). Suitable for outdoor installation.



CRP-M02

FUNCTION: Card reader post prepared to install an on-site Legic®-Antenne LA-PP and a KABA DML 2 control. Adaptation to other reader systems on request.

Construction

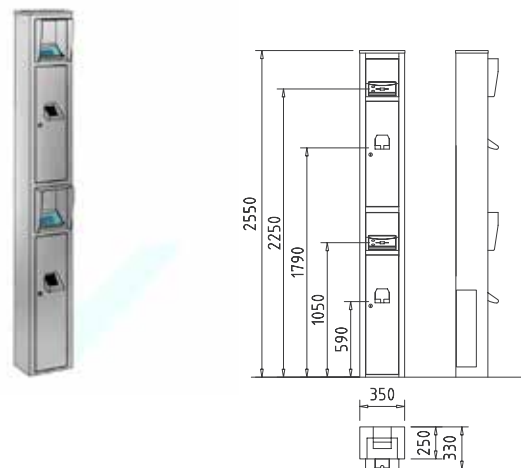
Height = 2550mm, width = 350mm, depth = 250mm. Card reader post made of stainless steel AISI 304 with two trays for returning cards and integrated all-over signal display (red/green) in the bevelled cover, card slot with automatic closing function and lockable collecting box. Card dimensions on request. Presence identification for nonreadable cards.

Electric

Power supply 110-230VAC 50/60Hz.

Installation

Mounted on finished floor level (FFL). Suitable for outdoor installation.



CRP-M03

FUNCTION: Card reader post - prepared to install an on-site Legic®-Antenne LA-PP and a KABA DML 2 control. Adaptation to other reader systems on request.