# SWEEPER-AL

Sweeper AL – speed gate system based on Sweeper and Sweeper-HG models combination with swing type flaps and a reliable mechanism with a brushless motor. The construction of the system allows to arrange two checkpoints for access verification.

Possibility of various biometric devices integration along with various glass height options at every checkpoint (overall height could be 1000-1800 mm) provide maximum security control during passage of people through the gate to protected area.

*ELEGANT ACCESS SOLUTIONS WITH TWO-STAGE IDENTIFICATION SYSTEM*

| 550<br>900<br>mm | 18<br>12<br>pers/min | 60<br>pers/min | 1,2<br>1,8<br>sec | IP 41 | | | | |
|---|---|---|---|---|---|---|---|---|
| PASSAGE WIDTH | SINGLE ACCESS FLOW RATE | FREE ACCESS FLOW RATE | OPENING / CLOSING | PROTECTIVE LEVEL | ANTI-TAILGATING | BI-DIRECTIONAL | ACCESS CONTROL SYSTEM | MANUAL CONTROL |

## Key features:

- BMDrive ® - Sweeper AL is equipped with BM drive (a reliable mechanism with powerful a brushless motor), which provides long-term maintenance-free and trouble-free operation.
- The innovative motor controller with an OLED display and buttons for easy setup and configuration without special programmers.
- The sweeper AL smart self-diagnostic system automatically detects critical malfunctions, and records error log and warnings.
- Digital control of force and leaf speed, combined with safety sensors, prevents accidents and ensures the safety of individuals, even in cases of unauthorized passage.
- The safety sensors system allows detecting the passage of a person with luggage, or arranging a free exit without necessity of identification.
- Ability to arrange two checkpoints for access verification.
- Elegant cabinets are equipped with integrated LED lighting to display access status and card reader area.
- The same dimensions of cabinet for normal (550 mm) and wide lane (900 mm).
- The ability to customize cabinet and top lid design as per project requirements.
- Low power consumption.
- Sweeper AL supplied with wired push button by default.
- Availability of integration with any access control system.

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CE UKCA

# TECHNICAL SPECIFICATIONS/

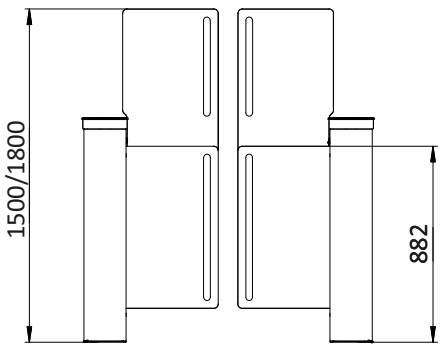
| | | |
|---|---|---|
| Model | Sweeper-AL | |
| Cabinet width, mm | 208 | |
| Cabinet length, mm | 2663 | |
| Cabinet height, mm | 1010 | |
| Leaves height, mm | 1520/1800 | |
| Passage width, mm | 550 | 900 |
| Opening/closing time, sec | 1,2 | 1,8 |
| Mechanism | Servo-driven (Motorized) | |
| Emergency mode (fire-alarm) | Free entry/exit (leaves are opened automatically) | |
| Power fail | Fail safe (gates could be opened manually — standard) | |

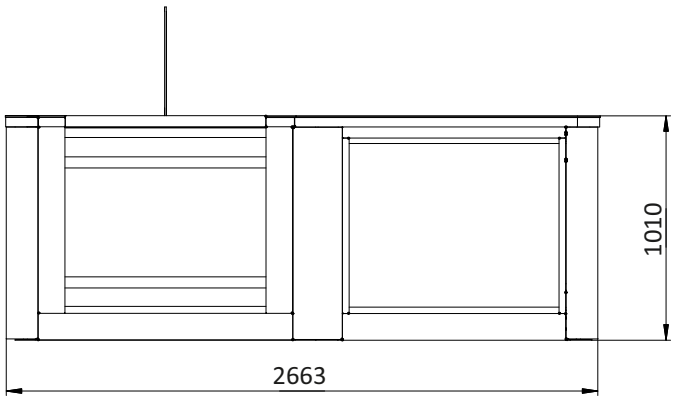
## Electrical Specifications:

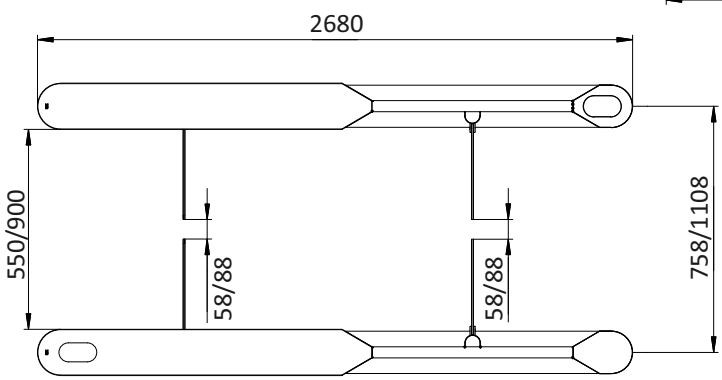
| | |
|---|---|
| Maximum power consumption, W | 310 |
| Voltage | From the AC (100-240)V, 50/60Hz; from a DC source 12 V |
| Indication | DotLights®, RFIDLights®, EdgeLights® |

## Finishing

| | |
|---|---|
| Standard housing | Brushed SS AISI 304 |
| Available housing | Brushed SS AISI 316; Polished SS AISI 304; Polished SS AISI 316; Powder coated RAL |




*Specifications are subject to change without prior notice*

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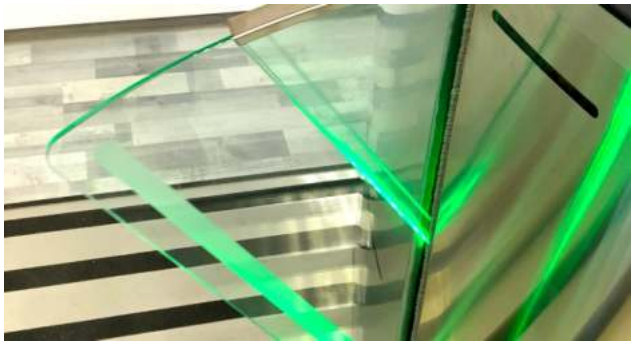
# STANDARD FEATURES



## LEAFLIGHT ®

Impressive illumination of the leaves can be in three colors (standard), marking the status of passage: blue - standby mode; green - access authorized; red - access denied.

## CONTROL PANEL

The wired control panel goes in a standard set. Allows to implement a single passage, a free passage, as well as blocks an access and activates the anti-panic function.

## SAFETY SENSORS, ANTI-TAILGATING FUNCTION

High-precision sensors that identify the unauthorized passage of two or more people (antitailgating function). At the same time safety sensors guarantee safe passage for people with luggage or trolleys - the gates won't close until the person finishes the passage.

## UPS FUNCTION

A complex UPS system that automatically switches power to work from the back-up battery. This allows you to use all the functions of the speed gate in case of power fail.

## LED INDICATIONS

Bright and attention-grabbing RFIDLight® (LED light of card reader area) and DotLight® (LED lighting display showing access status).

## PLACE FOR RFID INSTALLATION

Place for RFID installation is provided in the standard configuration of the speedgate.

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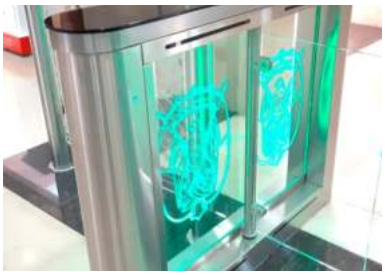
# ADDITIONAL OPTIONS /



## PATTERN APPLICATION

Unique signatures, customized patterns, logos and others can be placed on the leaves, housing or top lid of speed gates.

## MP3 AUDIO MODULE

Audio signals for unauthorised access / authorised access/ closing / opening / alarm.

## KEYFOBS FOR RADIO REMOTE CONTROLLER

Minimalistic keyfobs for opening and blocking the passage.

## INTEGRATION OF CUSTOMIZED ACS

Any access control systems upon request (e.g. RFID device, coin acceptor push button, fingerprint, face recognition, barcode and QRcode reader).

## TWIC
### WIRELESS CONTROL PANEL

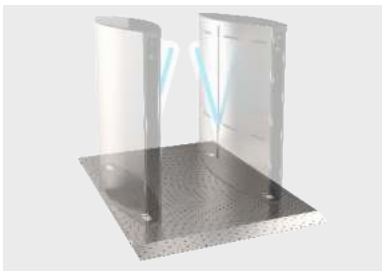
TiSO TWIC were developed for the remote control of multiple lines of turnstiles. The space saving 10" touch screen display can be located at a reception desk or within security control areas.

## SUPER CAPASITOR

Maintenance of a free power package for emergency automatical one time opening of the speed gate.

## FOOTPRINT ILLUMINATION

LED illumination of the footprint of the speed gate housing. The color of the light may vary depending on your request.



## MOBILE PLATFORM

Ensures quick temporary speed gate installation. As well as can be installed in areas where it is impossible to drill the floor.


## EXIT BUTTON

A convenient option that allows you to organize an exit by using a touch free button.

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# ADDITIONAL OPTIONS

RANDOMIZER
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RANDOMIZER

## RANDOMIZER

This mechanism automatically randomly selects a person for verification, without the influence of the human factor.

## RFID READERS T-PROX MINI

Reader operates with 125 kHz cards, Mifare, Mifare Plus and mobile credentials U-Prox ID over NFC and over 2.4 GHz radio.

## COUNTER OF PASSAGES

Automatic counting of the number of passes.

## CARD COLLECTOR INTEGRATION

Possible to integrate the automatic card collector into the speed gate housing.

## JUMPING OVER TOP LEAD ALARM

Weight sensors detect over 10 kg impact on the top lid and activate alarm.

## ALARM BUZZER

Sound alarm during unauthorised access.

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