SWEEPER-WP

Sweeper WP is a type of a speed gate, that can be used outdoors on the areas with increased level of humidity (nearby such facilities as waterparks, swimmingpools, reservoirs etc.). It has a waterproof and construction.

Sweeper-WP speed gate is a perfect solution where contemporary aesthetics and functionality are required, as well as reliably protected mechanism of speed gate.

THE PERFECT SOLUTION OF FUNCTIONALITY AND CONTEMPORARY AESTHETIC DESIGN IN COMBINATION WITH ENVIRONMENTAL WEATHER RESISTANCE

| 550 900 mm PASSAGE WIDTH | 40 30 pers/min SINGLE ACCESS FLOW RATE | 60 pers/min FREE ACCESS FLOW RATE | 0,3 sec 0,6 sec OPENING / CLOSING | IP 54 PROTECTIVE LEVEL | ANTI-TAILGATING | BI-DIRECTIONAL | ACCESS CONTROL SYSTEM | MANUAL CONTROL |

Key features:

- BMDrive® - a reliable mechanism with a powerful BLDC gear motor ensures long term maintenance-free operation.

- Environmental weather resistance and waterproof.

- The speed gate is equipped with the smart self-diagnosting system.

- An innovative controller with an OLED display and buttons for easy setup and configuration without special programmers.

- Digital control of force and leaf speed in combination with safety sensors prevent a person from being struck by a leaf, even in case of an unauthorized passage.

- The sensor system allows detecting the passage of a person with luggage, or arranging a free exit without the need for identification.

- Elegant cabinets a equipped with integrated LED lighting showing access status and card reader area.

- The ability to customize housing design and top lid.

- Low power consumption.

- Can be integrated with any type of access control systems.

- A wired remote control panel in standard kit.

- In case of power failure, leaves could be opened manually (fail-safe).

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TECHNICAL SPECIFICATIONS

Model	Sweeper-WP
Unit width	210 mm
Unit length	1260 mm
Unit heigth	1000 mm
Passage width	550 / 900 mm
Open or close speed	0,3 / 0,6 s
Mechanism	BMDrive® servo-driven (BLDC)
Locking system	ToothLock®
Mean time to failure	MCBF 10 000 000 cycles
MTTR, min	< 25
Protective level	IP54

Electrical Specifications:

Maximum power consumption	160 W
Voltage	- from the AC (100-240)V, 50/60Hz - from a DC source 12 V
Indication	DotLights®, RFIDLights®, EdgeLights®

Materials:

Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316. Polished SS AISI 304. Polished SS AISI 316. Powder coated RAL
Top lid	Solid glass top
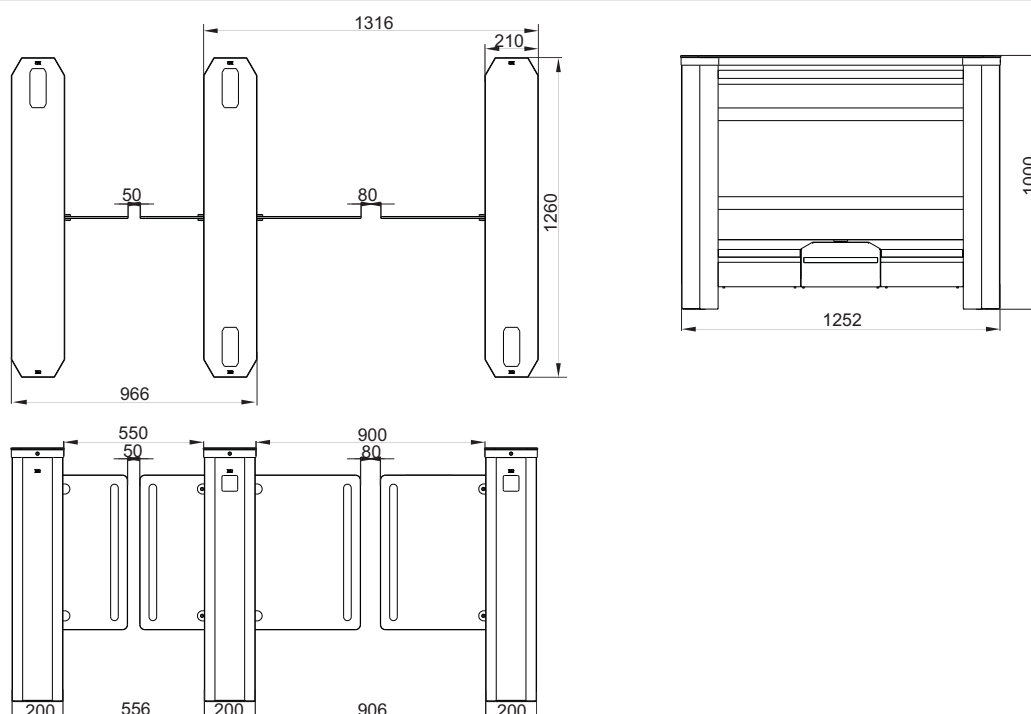
Specifications are subject to change without prior notice
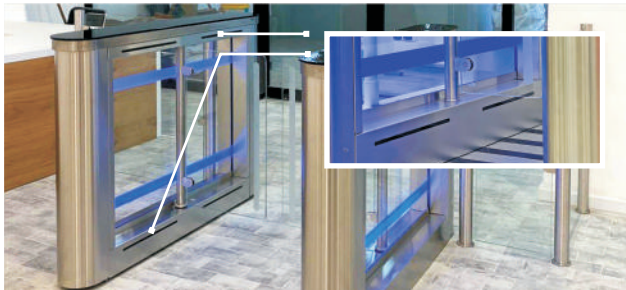
STANDARD FEATURES

WEATHERPROOF (IP54)

The IP54 level ensures that speed gate is protected against the penetration of solid and liquid parts such as dust and water. This makes it perfect for external installation and in harsh weather conditions.
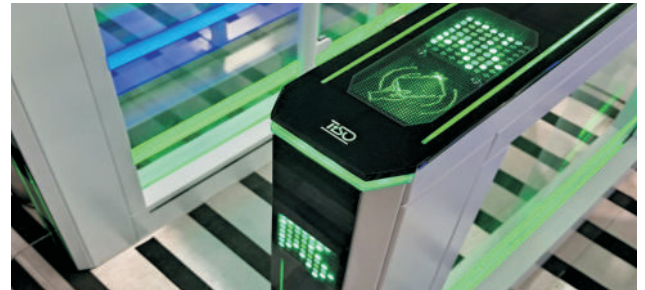

SAFETY SENSORS, ANTI-TAILGATING FUNCTION

Our high-precision sensors excel in identifying unauthorized passage, effectively preventing tailgating by detecting two or more individuals. Additionally, our safety sensors ensure secure passage for individuals with luggage or trolleys, ensuring gates remain open until the passage is completed.


CONTROL PANEL

Included in the standard set, our wired control panel offers versatile functionality:
Facilitates single passage and free passage modes.
Enables access blocking and activation of the anti-panic function.

EDGELIGHTS ®

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

LED INDICATIONS

Introducing our RFIDLight® and DotLight® features, designed to captivate attention and enhance user experience:
RFIDLight®: Illuminates card reader area.
DotLight®: Displays access status.


PLACE FOR RFID INSTALLATION

RFID installation space included in standard speedgate configuration.

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OPTIONAL FEATURES
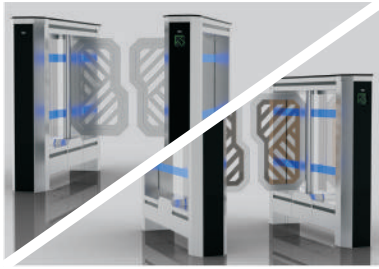
VANDALPROOF/ WINDPROOF LEAVES

Vandalproof leaves: made of stainless steel with a ribbed surface for increased strength and resistance to mechanical damage. Windproof leaves: A construction of durable plastic for effective protection against wind loads.
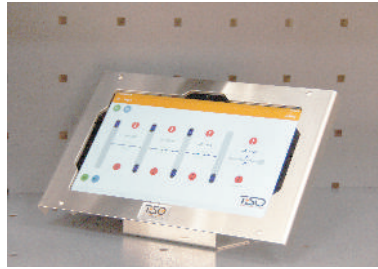
TWIC
WIRELESS CONTROL PANEL

TiSO TWIC offers remote control for multiple lines of turnstiles. With its space-saving 10" touchscreen display, it can be conveniently placed at reception desks or within security control areas.


INTEGRATION OF CUSTOMISED ACS

Seamless integration of various access control systems upon request, including RFID devices, coin acceptor push buttons, fingerprint scanners, face recognition, barcode readers, and QR code readers.

MP3 AUDIO MODULE

Enjoy a comprehensive audio signaling system for various gate events: access / authorised access/ closing / opening / alarm.
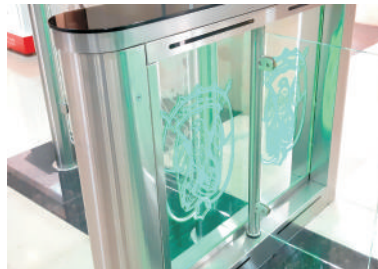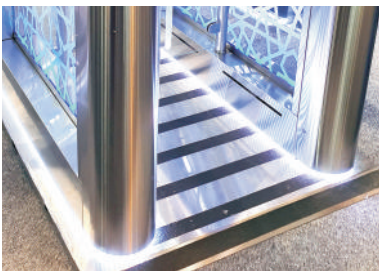

PATTERN APPLICATION

Customize your speed gates with unique signatures, patterns, logos, and more, seamlessly placed on the leaves, housing, or top lid for a distinctive touch.
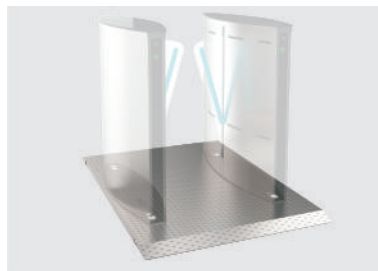

SUPER CAPASITOR

Ensure uninterrupted operation with our free power package, enabling emergency automatic one-time opening of the speed gate.
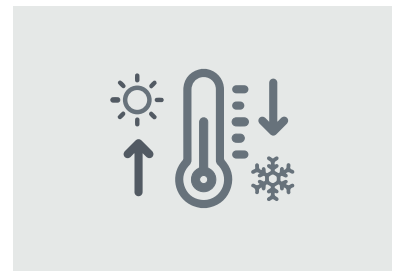

FOOTPRINT ILLUMINATION

Illuminate the footprint of the speed gate housing with LED lighting. Customize the color of the light to suit your preferences.


MOBILE PLATFORM

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

HEATING/ COOLING OPTIONS

Heating option is advised for climates with temperatures below -10°C. And cooling is advised for climates with temperatures above +40°C.

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OPTIONAL FEATURES
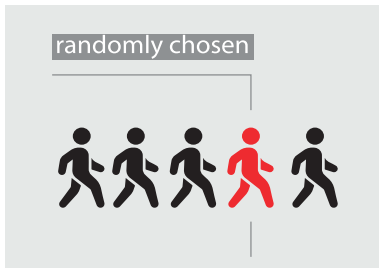
RANDOMISER

This mechanism autonomously selects individuals for verification without human intervention, ensuring impartiality.

RFID READERS T-PROX MINI

The reader is compatible with 125 kHz cards, Mifare, Mifare Plus, as well as mobile credentials U-Prox ID via NFC and 2.4 GHz radio.

EXIT BUTTON

Introducing a convenient touch-free button option for organizing exits effortlessly.

PASS COUNTER

Automatically counts the number of passes for efficient tracking and management.

JUMPING OVER TOP LEAD ALARM

Weight sensors detect impacts over 10 kg on the top lid and trigger an alarm.

ALARM BUZZER

Audible alarm activated upon unauthorized access.