

An aerial, high-angle photograph of a modern office lobby. The floor is a light grey, polished material. Several KONE Turnstile 100 units are installed, arranged in a line. The turnstiles are white with black tops and feature red arrows indicating the direction of travel. People in business attire are walking through the lobby, some using the turnstiles. The background shows a curved wall with a dark, textured pattern. The overall atmosphere is professional and sleek.

# SMOOTH PEOPLE FLOW AND SECURE ACCESS CONTROL

KONE Turnstile 100

# KONE TURNSTILE 100

## INTUITIVE GUIDANCE AND EFFECTIVE ACCESS CONTROL

Created by KONE's in-house design team and crafted from the highest quality materials, KONE Turnstile 100 sets a new standard for access gate, usability, monitored access, flexibility, and visual appearance. It is the ideal solution for modern office buildings, airports, and any other environment where a smooth flow of people, robust access control, and inspiring visual design are all key requirements. This innovative solution enables easy, efficient building management and adds real value to your property.

**KONE People Flow Intelligence** is a suite of solutions designed to meet the changing needs of modern buildings. KONE Turnstile 100 can be fully integrated with building access control and elevator calling and destination systems for optimized security and people flow. It offers:

- Up-to date schedules, contact details, safety and status of planned work for tenants in the building
- Easy and intuitive access control with integration of any brand of access card reader
- Clear directional guidance for users and, with destination systems integration, notification of assigned elevator
- Stylish, modern design consistent with KONE elevator signalization and access control readers



# AN ELEGANT AND SIMPLE SOLUTION FROM THE PEOPLE FLOW EXPERTS



**KONE Turnstile 100** is the result of decades of experience in providing intuitive, flexible, and stylish access and guidance solutions for building environments around the world. In modern buildings, tenants need to be able to access and move around quickly and comfortably, and building owners and managers need to maintain security and access control while maintaining smooth people flow.

## **PREMIUM AND CONSISTENT LOOK AND FEEL**

KONE Turnstile 100 has an uncluttered visual design that matches KONE elevator signalization and access control readers. Its clean lines blend seamlessly with any modern architectural surroundings.

## **CLEAR GUIDANCE**

The shape provides visual cues for the correct walking route, while illuminating arrows and traffic-light guidance give clear directions.

## **FLEXIBLE OPERATION AND DESIGN**

Both gate direction and traffic-light are adjustable. It is possible to integrate any brand of card reader into the KONE Turnstile 100.

## **OPTIMIZED SECURITY AND PEOPLE FLOW**

KONE Turnstile 100 can be fully integrated with building access control and elevator calling and destination systems for optimized security and people flow.

# KONE TURNSTILE 100

## IMPROVED SECURITY, GUIDANCE AND CONVENIENCE

In modern buildings, turnstiles are increasingly becoming an integral part of the people flow process. They are used to provide quick and comfortable access, guide people in the right direction, and even to verify access rights through integrated card readers. And because they are usually the first thing people see after entering the lobby, the ability to customize the visual appearance to match the surrounding architecture is also an important consideration.



Content of card is detected by the reader which after recognition, activation pass is indicated while giving directional guidance.



Clear illuminating arrows in front of the panel indicate access or no access passage when reader is recognized.

## WHY CHOOSE KONE TURNSTILES?

The three solutions we offer are all designed to be safe and intuitive to use, flexible, durable, eco-efficient, and easy to operate.

**KONE Turnstile 100** and **KONE Turnstile 50** are stylish half-height sensor barrier solutions designed for public and commercial buildings and airports.

**KONE Turnstile 30** is an efficient, durable tripod solution for buildings with high-volume throughput, such as sports, educational facilities and transit centers.

### KONE AS YOUR PARTNER

- KONE People Flow™ expertise ensures safe and efficient movement of people and goods in buildings
- Automatic building door, elevator, and escalator solutions and services from a single provider
- Total life cycle know-how: design, installation, maintenance, and modernization
- High-quality products that comply with all applicable standards and regulations
- Eco-efficient, modern door solutions for all building types
- World-class preventive maintenance services delivered locally by professional technicians



LED strips in combination with displays on top of housing panel, provide walkway lightening and clear directional guidance.

# KONE TURNSTILE 100

This premium half-height sensor barrier sets a new benchmark in turnstile visual appearance, flexibility, monitored access and usability. It features durable, high-quality steel and glass, full access and destination control integration, and includes stylish lighting options as well as a range of visual guidance alternatives.



## KEY BENEFITS

- **Premium, consistent look and feel** – Clean design matches KONE elevator signalization and access control readers
- **Clear guidance** – Shape provides visual cues for correct walking route, while arrows and traffic-light give clear direction. Available with an integrated Destination Guidance Display. The display shows the allocated lift to the user, improving the people flow for efficiency and user convenience.
- **Flexible operation and design** – Adjustable gate direction and traffic-light, access card reader integration, and choices of finishes
- **Stylish lighting solution** – Energy-efficient LED strips provide sufficient walkway lighting and enhance the premium look and feel
- **Durable and hygienic** – Glass and steel panels are resistant to wear and tear, vandal-proof, and easy to clean
- **Optimized security and people flow** – Optional integration with access control and elevator calling and destination systems

# KONE TURNSTILE 50

This smart, flexible half-height sensor barrier is ideal for buildings with high throughput and where comfortable contactless access for all users is an important consideration. These can include public and commercial offices, airports buildings with high throughput and where maximum, offering comfortable contactless access for all users in all buildings such as public transport for example airport, underground, railway and multifunctional buildings. KONE Turnstile 50 can be integrated with building access control and elevator calling and destination systems for optimized security and people flow. It is customizable, with wide variety of materials and finishes.



## KEY BENEFITS/FEATURES




- **Convenient access for all** – Passengers enjoy quick and easy access, whether carrying baggage, pushing strollers, or using wheelchairs or other mobility aids
- **High throughput** – Access for up to 30 people per minute
- **Flexible security and safety** – Available with sensor options, as well as automatic crawl-under prevention, child detection, and audible alarm for unauthorized access
- **Versatile design** – Combine your choice of materials and finishes for the perfect look and feel
- **Durable and hygienic** – High-quality materials are resistant to wear and tear, vandal-proof, and easy to clean and maintain

## TECHNICAL SPECIFICATIONS

THROUGHPUT RATE	MAX. 30 PEOPLE/MIN
<b>Basic measurements (mm)</b>	
Sensor barrier height	1020
Sensor barrier length	2050
Passage width	Standard 650, wide lane 900
Total width	1050
Housing, base columns, guiding elements	- Stainless steel AISI 304 - Visible stainless steel parts satin finished
Barrier leaf elements	Transparent vandal proof polycarbonate
Protection class	- Housing IP43 - Motor, sensor and locking device IP43

# KONE Turnstile 100

## FUNCTIONAL CHARACTERISTICS

Technical throughput rate	Up to 30 people/min
People Flow rate*	Up to 20 people/min
Security level	 (0, 1, 2)
Comfort	
Personal safety	
Staff supervision	Yes

\* Amount of people passing through turnstile considering human behavior and in case of integration with elevators.

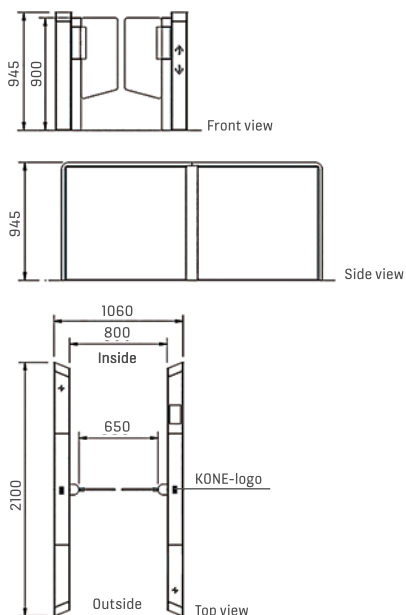


## TECHNICAL SPECIFICATIONS\* (all dimensions in mm)

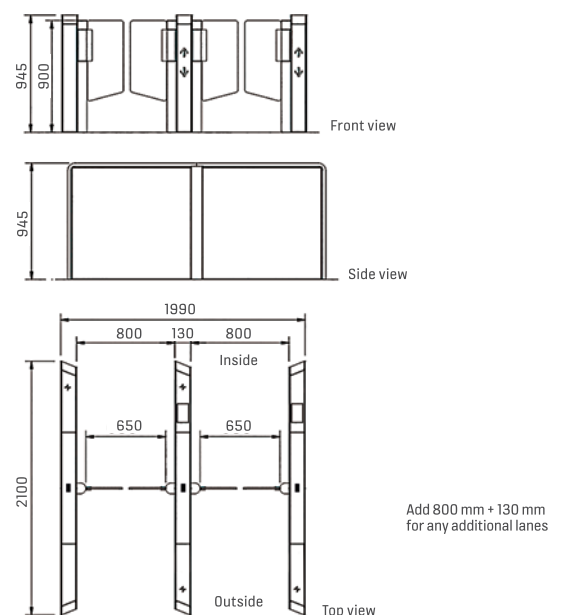
Construction	Sensor barrier height	945 (door panel height 900, optional 1200)
	Sensor barrier length	2100
	Passage width, single lane	Standard 650, wide lane 900 (additional access requirement), 914 for USA
	Total width, single lane	1060
Material	Housing, base columns, guiding elements	Top and front panels, tempered safety glass with ceramic printing (Black, RAL 9005) Corner panel frames, stainless steel
	Motorised operation	Entrance sector monitored by enhanced sensor system;
Operation	Single-passage monitoring in both directions	
	Drives	Integrated
Security level	2 (0,1 and 2)	Automatic crawl-under prevention and child and baggage detection; distance between floor surface and sensor is 220 mm
Signalization	Traffic lights in front panels	
	Upwards arrow in white LEDs indicates walking direction	
	Downwards arrow in red LEDs indicates no entry	
Modes	Basic open position, daytime operation*	Barrier leaf elements close automatically if unauthorized access is detected
	Basic closed position, nighttime operation*	Barrier leaf elements open and close automatically for authorized persons
Electrical components	Integrated control units and power supply	
	Power (main) supply 110–230 V, 50/60 Hz	
	Barriers can be moved freely during power failure	
Installation	Dowelled on finished floor level (FFL)	Indoor
Protection class	Housing	IP32
	Motor, sensor, locking device and lights	IP42

\* Consult your KONE salesman for optional modes

### SINGLE-LANE TURNSTILE



### MULTI-LANE TURNSTILES





KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace<sup>®</sup>, KONE NanoSpace<sup>™</sup> and KONE UltraRope<sup>®</sup>.

KONE employs close to 50,000 dedicated experts to serve you globally and locally.

**KONE Corporation**  
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