

## Company profile

Gunnebo is the world's leading specialist in entrance control solutions and manufacturer of indoor and outdoor turnstiles ranging from simple Tripod Turnstiles, Entrance Gates, Full-Height Turnstiles to advanced Speed Gates and Security Revolving Doors for a wide range of applications. Gunnebo portfolio covers also high security vehicle barriers, electronic security, cash handling, safes and vaults. This product range is designed primarily for banks, retail outlets, cash-in-transit(CIT), mass transport, public and commercial buildings, industrial and high risk sites.

## GUNNEBO – For a safer word

Gunnebo Entrance Control is part of the Gunnebo group corporation with headquarters in Sweden. Leading company in engineering of electronic passages of more than 100 years of experience, Gunnebo products stand out superior technology, design and quality materials resulting in a high quality and long durable devices

Our customers:



Gunnebo equipment conforms to the most stringent international standards in terms of design, technology and safety.

Gunnebo products are divided into several large groups:

1. Entrance Control - Tripod Turnstiles, Entrance Gates, Full-Height Turnstiles, Speed Gates and Security Revolving Doors
2. Safety barriers for vehicles
3. Cash management equipment
4. Safes and vaults

## 1. Entrance control solutions

Gunnebo entrance control product range is designed to create a secure environment, whether it involves entering a company lobby, a shop, an entertainment area, an industrial zone and a metro station without restricting the freedom of movement or operating within sites with higher security level requirements such as airports, embassies nuclear power plants and prisons.

### Entrance control equipment:

- Speed Gates
- Tripod Turnstiles
- Full-Height Turnstiles
- Entrance Gates
- Security Booths
- Security Revolving Doors
- Security Doors
- Masss Transit Solutions

You need to know before making a decision that our products for passage control provide you a reliable and efficient performance and long life.

### Speed gates – Gunnebo solutions



Elegant and sophisticated design combined with the best technology available makes our SpeedStyle suitable for all areas where aesthetic values, excessive flow, maximum reliability and uncompromised security are high in demand. By integrating access control devices, our pedestrian speed gates

provide high security and capacity in one solution that effectively prevents unauthorized passage. Our SpeedStyle's are also available in extra wide versions that comply with disable access requirements.

- Speed of operation allowing passage of up to 40 people per minute whilst preserving maximum user safety
- Unique algorithm for fraudulent passage detection including tailgating, wrong way direction, crawling and leave lane time out. The variety of lanes lengths and panel heights also contributes to increasing security.
- ergonomic design, contactless control barriers, over 50 parameters to set and selection of user information for ease of use.
- Robust and efficient, ensures a long service life and reduced operating and maintenance costs

Choose this durable and reliable security gates according to their needs. You can choose the basic material, color and light effects to even have a modern and reliable solution.

Gunnebo has already installed 40,000 gates fast around the world

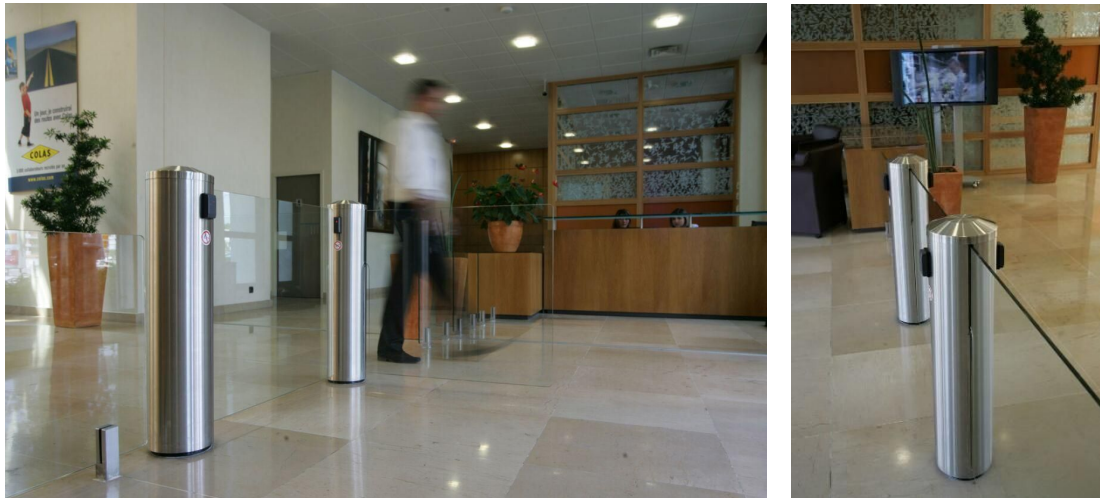
### Tripod Turnstiles



In order to regulate and control the flow of people into and out of buildings, Gunnebo offers a full range of turnstile solutions. We recognize the need for different solutions, depending on the level of security and freedom of movement required.

- Gunnebo Tripods have a robust mechanism for two-way solenoid passage
  - They can be controlled by a card reader, a system with coins or with a key.
  - There are variants of a tripod with the infrared sensors or photocells for the detection of skipping.
  - Application: in buildings where the entrance fee (train, bus and metro stations, stadiums, gaming parks ...)
  - They have the option with drop arm for the purpose of evacuation and emergency
- In case of fire alarm from Control panel enable the evacuation

## Entrance Gates



Entrance Gates are designed to combine smooth operation with uncompromised security. Easy to use for visitors, allowing simple entry into a building. Available in a wide range of finishes, the gates are ideal for buildings where style and design is important.

The Entrance Gates are completely silent and provide easy passage and high throughput. Designed to reduce the barrier effect and create a welcome atmosphere.

Gunnebo's entrance gates provide effective interior entrance security. Grant fast and efficient access for people with the correct level of authorization.

### Benefits

- Silent operation
- Designed to reduce barrier effect
- Wide range of designs and materials

### Features

- High flow rate - Bidirectional passage
- Emergency setting to allow for safe evacuation
- Choice of static fixed arm or drop arm
- Single or double walkways



## Full-Height Turnstiles



Gunnebo's full-height turnstiles provide effective exterior entrance security for stadia, petrochemical and construction sites. The full height turnstile range is designed for heavy duty applications where robustness and efficiency are a must.

Internal and external turnstiles where there is a need for a high degree of security without manned monitoring.

Full-Height turnstiles regulate the flow of people coming into and out of a site and ensure that the movement of individuals remains fluid, whilst maintaining the required level of security. Security can be scaled up as required with the integration of devices such as a card reader or keypad.

### Benefits

- High degree of security without manned monitoring
- Full-height first line of defence
- Solid design and construction
- Wide range to suit different needs

### Features

- Optional card reader or push button entry
- Emergency setting to allow for safe evacuation
- 90 or 120 degree configuration

- Bidirectional passage

## **2. High Security vehicle barriers**

### Access control for vehicles

Well-designed systems for access control enables control of traffic flow on the property, preventing unauthorized access with minimum disruption of normal work processes. Gunnebo electrical barriers are designed to continuously manage traffic.

Gunnebo quick, silent and folding gates offer fantastic reliability and easy maintenance due to its design. TUV certified in accordance with the highest European standards, folding doors give the opening width between 3.5 and 6 meters, opening / closing time of 4-6 seconds. The new generation of our gate is bigger and stronger - up to 8m in width and height to 3m - making them ideal for use in critical areas, such as airports, embassies and logistics centers.

### **Movable and fixed bollards with blocking effect**

All Gunnebo high-security products are tested according to the latest national standards for vehicles - including PAS 68 and IVA - they enable peace and security in the most sensitive locations and facilities.

Our movable bollards are equipped with an integrated hydraulic drive. The advantages of this drive technology are maximum power transmission and working reliability under most adverse weather conditions

Gunnebo bollards can be supplied with different control features or can be integrated into existing security systems. For user safety optical and acoustic warning devices as well as induction loops and photo beam systems are available

M50 Automatic bollards provide the highest level of perimeter protection while maintaining free entrance for pedestrians, and our new M30 hydraulic bollards have a unique shallow foundations and fully integrated hydraulic drive in the column, which makes them very easy to install.



Gunnebo bollards

### **Wedge barriers - security for highly sensitive entry points**

Wedge Barriers offer maximum security against unauthorised wheeled vehicles of all sizes and weights for highly sensitive entry points. The Wedge Barrier K12 and the new Wedge II are designed to guarantee the full level of security

With its decreased installation depth and foundation footprint combined with the lowest foundation thickness in the world - only 300 mm – the Gunnebo Wedge II reduces installation costs significantly and allows installation in areas where foundation depths are limited due to underground utilities

Road.Blockers DSP® K12 are designed to guarantee the full level of security. They were successfully crash tested according to DOS SD-STD-02.01 Rev.A 03/2003 and PAS 68 with a 7.5 ton truck travelling at 80 km/h. The very first impact test was conducted by the TÜV (German Technical Inspectorate) more than 25 years ago.





### 3. Cash Handling – hardware and software





### **Gunnebo- leader in retail cash handling**

Gunnebo is a leader in the sector of cash handling in retail. Over 100 billion passes through these devices Gunnebo every year. Today, we have more than 35,000 devices for cash and tens of millions of money bags around the world.

Moreover, innovation has always been one of our core values.

Our solutions are adapted to different retail processes from stores, gas stations, fast food shops to supermarkets, entertainment centers and financial institutions. All our solutions are linked by a single software platform to create a unique and efficient cash handling process.

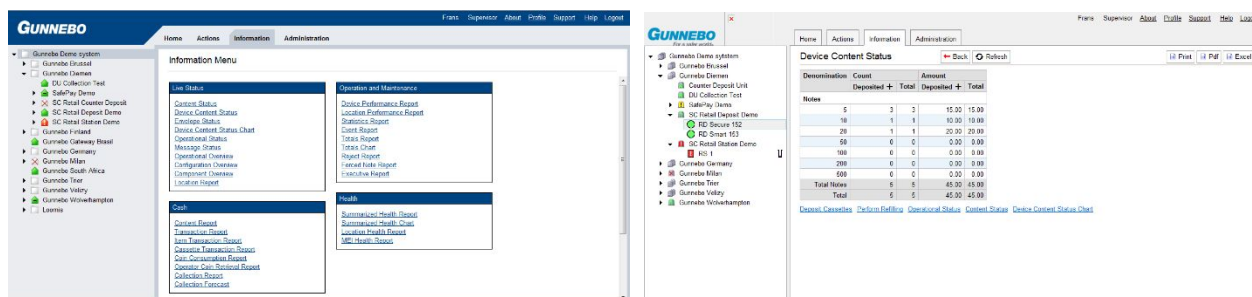
Intelligent solutions for cash management are also designed to save time when handling the cash, improve the efficiency of the cycle of work with "cash" and make the whole process of working with money more secure.

### **Automated cash management solutions**

Using automated cash management services and devices can drastically reduce overall consumption, and significantly increase security when handling cash. Gunnebo Cash Recycler optimal way to manage the large amount of banknotes and coins in the form of cash drawer; distribution of a predetermined or freely selected quantities of banknotes, automatic sorting, stacking, and the authenticity of the notes deposited in the cartridge is recycled as part of the certified vault.



Software for cash management allows you to monitor and control your process remotely, allowing you to keep track of the value of money by denomination in real time for each device in all parts of the company. Central database for cash management not only provides data but allows you to share this data in real time with external partners such as Cash-in- transit (CIT), service and banking services. The system of monitoring service also ensures that each device is working properly, and any problems are solved immediately with minimal impact on your business.



Display of software for "cash management"

## Cash management solutions with the use of safe deposit boxes

We have a whole range of diverse intelligent safes. All these safes meet industry standards, and many of them are able to meet most of the tasks relating to cash management; counting and verification of coins and banknotes, issuing automatic and complete harmonization of daily turnover.

Intelligent safes can provide real-time information about your content and transactions, ensuring absolute topicality, perfectly accurate reports and therefore maximum clarity and transparency at all times.

## CIT – Cash-in-Transit

Our approach to CIT is consolidated security solution, the management of risks related to the transfer

and processing of cash and valuables in accordance with a complete and controlled system.

### **CIT and Banks**

Safety is time consuming and expensive interest in the bank and it is of crucial importance. Expert partners enable banks and financial institutions benefit from contributing to the understanding of critical infrastructure and complex procedures cycle of money.

We provide comprehensive security solutions - including a fully automated cash management - from branches to central banks and seats, optimizing productivity and efficiency. Our solutions include certified safes and vaults, secure storage solution deposits, bank counters, office equipment for cash management and control system..

## **4. Safes and Vaults**

Gunnebo offers a full range of standard and intelligent safe possessing burglary and fire certificates according to European standards EN-1143-1 / EN 14450

We offer high-quality safes, tested to withstand attacks, resistant to fire and explosives.

