



**BOON EDAM**  
YOUR ENTRY EXPERTS.



**TOUCHLESS REVOLVING  
DOOR ENTRANCES.**

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# WHAT IS A "TOUCHLESS" REVOLVING DOOR ENTRANCE?

**Automated entrances make use of advanced proximity and presence detection sensor technology, allowing for a truly contactless experience. Our doors can be integrated with the latest cutting-edge smart sensing systems or access control systems to make sure you stay in control of the visitor stream through the entry at all times.**

## CREATING AND OPERATING CONTACTLESS PATHWAYS

A touchless revolving door operates automatically after detection of approaching pedestrians. High-quality motion-detecting sensors have been selected to detect both persons and shopping carts or prams, regardless of height, walking speed or weather circumstances. Touching the door is not necessary; our doors are entirely non-discriminating. Once a pedestrian comes closer and enters the revolving door, an array of safety sensors takes over, detecting the presence of persons and objects in the swiped area of the door. The level of contactless detection differs per door type and chosen option package.

### Why are touchless entries important?

As the world changes, and we begin to live with "social distancing" in mind, organisations are finding ways to make their buildings "touchless". And this shift impacts the entry.

## FRICIONLESS JOURNEYS WITH SOCIAL DISTANCING IN MIND

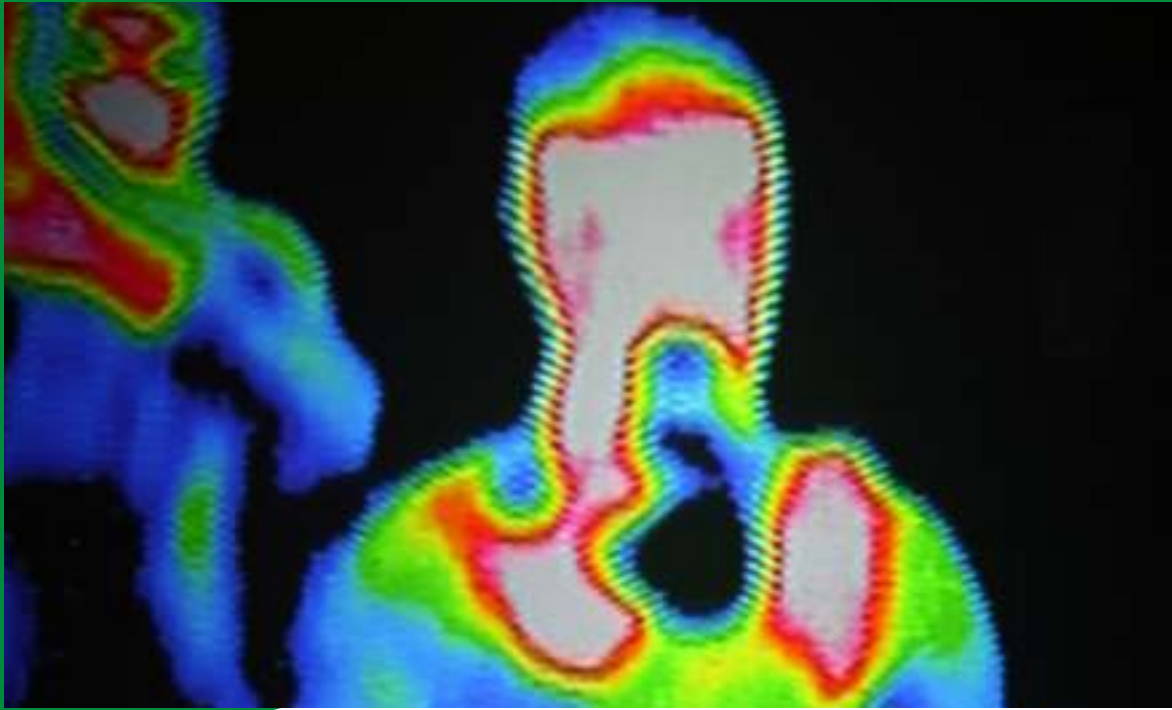
The traditional touchless entry is a swing door with hand-wave sensors for automatic entry. While this method does work to create a touchless environment, the building is also open for infiltration or dust, litter, and draught. Moreover, your building is extra vulnerable as it allows pedestrians to dash into the building with large groups not considering social distancing.

## THE BENEFITS OF A FRAGMENTED DOOR TYPE

By design, a revolving door is the ideal social distancing entry whereby single pedestrians or small groups enter the building in the controlled tempo that is dictated by the door. The fragmentation principle of the revolving door allows visitors to intuitively find their way in separated from other user groups - while creating awareness of their position to other visitors in the building.

## DID YOU KNOW?

Studies have proven that people preferably share a revolving door segment with other people they know, generally of the same household.



# ACCESS CONTROL & SMART SENSORS.

**Sensor technology is a widely used and successful solution to activate on approach functionality. This functionality is in-built into the majority of access and surveillance products ranging from cameras to doors.**

The simple understanding of sensors and their generic use around the workplace has made them a common phenomenon to users, increasing the expectation that individuals will be monitored when entering and exiting a building.

Modern advancements have allowed for 'smart' sensor integrations that not only capture movement in and out of a building but help to obtain useful user-data. Useful user-data measurements can range from number of users, walking speeds, user directions and temperature checking. Being able to monitor and investigate user-data regarding entrance solutions creates key components for access control integrations.

With the ability to monitor from a distance, reduces the requirements for constant manned security, creating a healthy shift pattern as well as increasing building visibility. Smart technology in this respect is highly functional when used in conjunction with revolving doors. Utilising segment sizing and door speeds, there are benefits when stopping increased risk situations, preventing security breaches, and even building overcrowding.

**To increase the security level of your building, the door integrates with:**

- Smart sensing systems
- Access card and tag readers
- Mobile / Bluetooth readers
- Facial or iris recognition



# UPGRADE OR RETROFIT.

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**With now over 140 years of experience in engineering excellence, we at Boon Edam have had time to develop our services that focus on you, and the sustainable life-cycle of your products. That's why we continuously invest in the future of new and existing products.**

## INCREASING THE TECHNOLOGY OF YOUR EXISTING ENTRANCE

Over time the way a building is used may change, and with that, a different type of entrance may be required. We offer tailor-made solutions for entrance modifications, ranging from refurbishment of old equipment to full safety, environmental or security upgrades of existing entrances.

Millions of entrances worldwide are automatic. This automation utilises state of the art sensor and proximity technology, allowing for a truly contactless experience.

With recent pandemics (COVID-19, SARS, MERS) and concerns over building densities, companies might consider upgrading their entry solutions to match their changing demands. Touchless solutions are an important investment to consider as they enhance user comfort while increasing building use visibility.

## UPGRADE OR RETROFIT YOUR REVOLVING DOOR WITH:

- Manual to automatic upgrades
- Manual to automated night shield door
- Laser technology upgrade for full door wing safeguarding
- TL360 instant locking
- TL360N controlled access upgrade
- Touchless **free-out** buttons
- **Touchless slow-speed buttons**
- 1,5 meter instruction floor stickers

# PUBLIC ENTRANCES: DOOR OPTIONS.

In addition to securing a building in layers with security entrances, organisations are using automatic revolving doors at the main or public entrances to their buildings.

Not only do automatic revolving doors offer a touchless entry experience, but they reduce air infiltration, eliminating drafts, minimising noise and air pollution, keeping out dirt and debris, and countering the effects of stack pressure.

Automatic revolving doors can be outfitted with security features to fit into a physical security plan. Whether there is a physical threat occurring immediately outside the door or a need for authorised entry after hours, revolving door security options allow for an added layer of protection.

## INSTANT LOCKING

In the event of an immediate security threat or critical emergency, facility staff can remotely lock the door wings via the push of a button.

## REMOTE NIGHT LOCKING

Remote Locking enables electric locking of the door either manually from a remote location or automatically in conjunction with an access control / building management system. Once initiated, overhead anti-entrapment sensors scan the compartments for user presence. When the door compartments are clear, it stops in the rest position, and the electric locks engage.

## ACCESS CONTROL OPTIONS

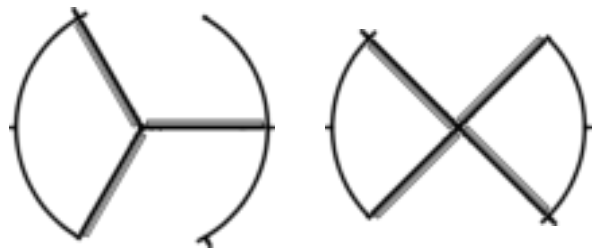
An available upgrade option with Remote Locking allows after-hours access through the revolving door via an input from an access control system (provided by others).





# TOURNIKET.

The Tourniket is an automatic revolving door that is ideal for buildings where moderate throughput is needed as well as touchless operation. This door can also be fully customised to reflect your building's design and functionality. It is available in your choice of three or four-door wings in virtually any colour or finish.



## KEY TOUCHLESS TECHNOLOGIES:

- Automated with approach / safety sensors
- Touchless slow speed and free exit buttons
- Card and tag readers
- Mobile / Bluetooth readers
- Facial and iris recognition
- Touchless fingerprint and vein readers

# DUOTOUR.

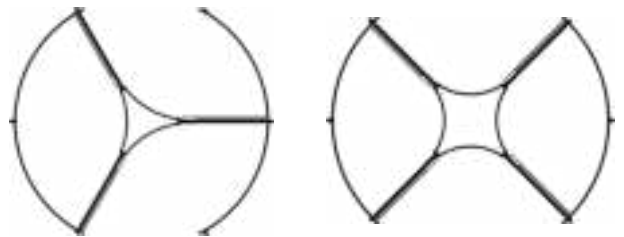
The Duotour is an automatic revolving door with two door wings. A showcase or curved panel at the end of each door wing ensures that the always open, always closed principle of the revolving door is maintained. Sliding or swinging doors are incorporated between the two showcases. These allow the Duotour to be used as a revolving door or as a sliding or swinging door; they also provide free egress in case of an emergency. The showcases can be decorated or omitted to maximise the space within the segments even further.





# TOURNEX.

The Tournex automatic revolving door is available with three or four-door wings. It allows easy and quick access for high volume traffic applications in large facilities, such as large office buildings, municipalities, casinos, large hotels and resorts, and airports alike. It is available in virtually any colour or finish. Optional showcases around the center column of the door set allow for fine-tuning or advertisements.

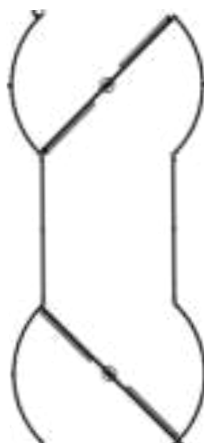


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# TWINTOUR.

The Twintour consists of two or more two-wing automatic revolving doors that are linked to ensure the movement of the door wings is synchronised. Each of the revolving doors can be placed separately to create a passageway that will lead the visitor to their destination. In this way the Twintour can also be used to direct visitors in the required direction and even to separate one incoming flow of users into two different directions.



# OUR REACH IS GLOBAL.

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We have been in business for 150 years manufacturing premium aesthetic and security entrance solutions in the Netherlands, United States of America and China. We can confidently say that we cover every corner of the globe with subsidiary companies in major cities across the globe. Furthermore our global export division not only partner with our distributors, but also offer direct sales and service to every territory. This wide net allows us to have a strong global footprint as well as a personal grasp of local markets and their unique entry requirements.

To find your closest Boon Edam expert, please go to:  
[www.boonedam.com/contact](http://www.boonedam.com/contact)



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