BOON EDAM

YOUR
ENTRY
EXPERTS.

TOURLOCK 120.

TOUCHLESS.
ENTRANCE SOLUTION

THE **COMFORTABLE AND SECURE** REVOLVING DOOR

The Tourlock 120 is the security revolving door of choice when space is limited, combined with the need for larger door compartments. This three-wing automated security door is a reliable, comfortable security entry solution that effectively prevents tailgating and piggybacking. The three-wing configuration has an alternating rotation direction and does not allow for simultaneous bi-directional traffic. However, users entering and leaving the building can authorise themselves at the same time, the second authorisation will be remembered, and rotation will start as soon as the first passage has been completed.

OVERVIEW

The Tourlock 120 is an automated three-winged high security revolving door. The three wings have the advantage of providing more space in each segment, which gives the authorised user a comfortable experience when travelling through. It offers a slightly lower throughput than its sister – the Tourlock 180 and is the ideal solution when comfort, high security and predominantly single direction traffic applies.

- **Contact mats / sensor system:** the Tourlock 120 will stop when an unauthorised attempt is made to enter the building using the segment directly behind or oppose an authorised user (detects tailgating). For floor mounted applications, we offer an overhead detection system (sensor system).
- **Weight system:** scales can be integrated into the floor of the Tourlock 120, which compare the weight of the user and his luggage to a pre-set weight. If the weight inside the door exceeds the pre-set weight, the Tourlock 120 will assume the user is not alone and deny access. Although less accurate than StereoVision in its sister - the Tourlock 180, a weight system still offers a high level of anti-tailgating detection (detects both tailgating and piggybacking).

PREVENT PIGGYBACKING AND TAILGATING

The Tourlock 120 comes with an array of possible security packages ranging from tailgating detection up to piggybacking detection. For those looking for the highest level of security a weight system can be selected. This system detects and prevents piggybacking, or two users attempting to enter the security door on one authorised credential. Organisations looking to increase the security level of their security revolving door can consider the following features:

SIMPLE AND EFFECTIVE

Not all facilities have the pressure of needing to cope with large volumes of visitors requiring authorised access. Sometimes a simple and secure solution is the best answer to an area which needs taking care of. The Tourlock 120 allows access to one user at a time (on the authorisation of their valid credentials). A second user wanting to enter has to wait for the first authorisation and rotation to complete before the door clears and immediately grants access to the next person.

The door comes delivered in a fail-safe mode with an option to be made fail-secure – this maintains the security in the event of a power failure or fire alarm activation. The doorset is available in either a rigid or collapsible configuration. The collapsible doorset can be unlocked to provide free passage in case of emergency.

TOUCHLESS OPTIONS FOR A NEW WORLD

The ability to integrate a large variety of secondary security technology into our Tourlock 120 is the ideal way in which to fine-tune by 'Levelling Up' entrance security when increased protection is required.

Biometric authorisation systems allow you to enter the door completely touchless. There is no need to reach out to your authorisation card or tag.

These smart camera systems capture the face of the user in front of the door. The Tourlock makes sure that only one person can enter - the right person.

KEY FEATURES

- Optional weight system anti-piggybacking system
- Seamless integration with access control and biometric devices (including facial recognition)
- Onboard user communication system
- Supports alternating bi-directional traffic
- Premium quality materials
- Cleaning mode function– operated with a key switch panel on the secured side of the door
- Feedback signals to the authorisation system
- Connection to the external fire alarm system
- Matwell trim for mounting on the floor, or surface-mounted
- Night locking

KEY BENEFITS

- Reduced / eliminated guard salary allows for quick ROI
- Handles average throughput (1 x 15 per minute)
- Accelerated technical troubleshooting and automation for increased reliability
- Self-managed – no manned guard required

SUGGESTED SEGMENTS

- Financial
- Technology
- Data centres
- Petrochemical
- Government / military
- Class A Office Buildings
- Airports

You can level up in any of these categories:

THROUGHPUT

SECURITY

SAFETY

AESTHETICS

TECHNOLOGY

COMFORT

SERVICE

LEVEL UP

If our standard specifications do not quite suit your needs, we open up opportunities for you to 'Level Up' where it counts most. You can also do this according to your most motivating value driver.
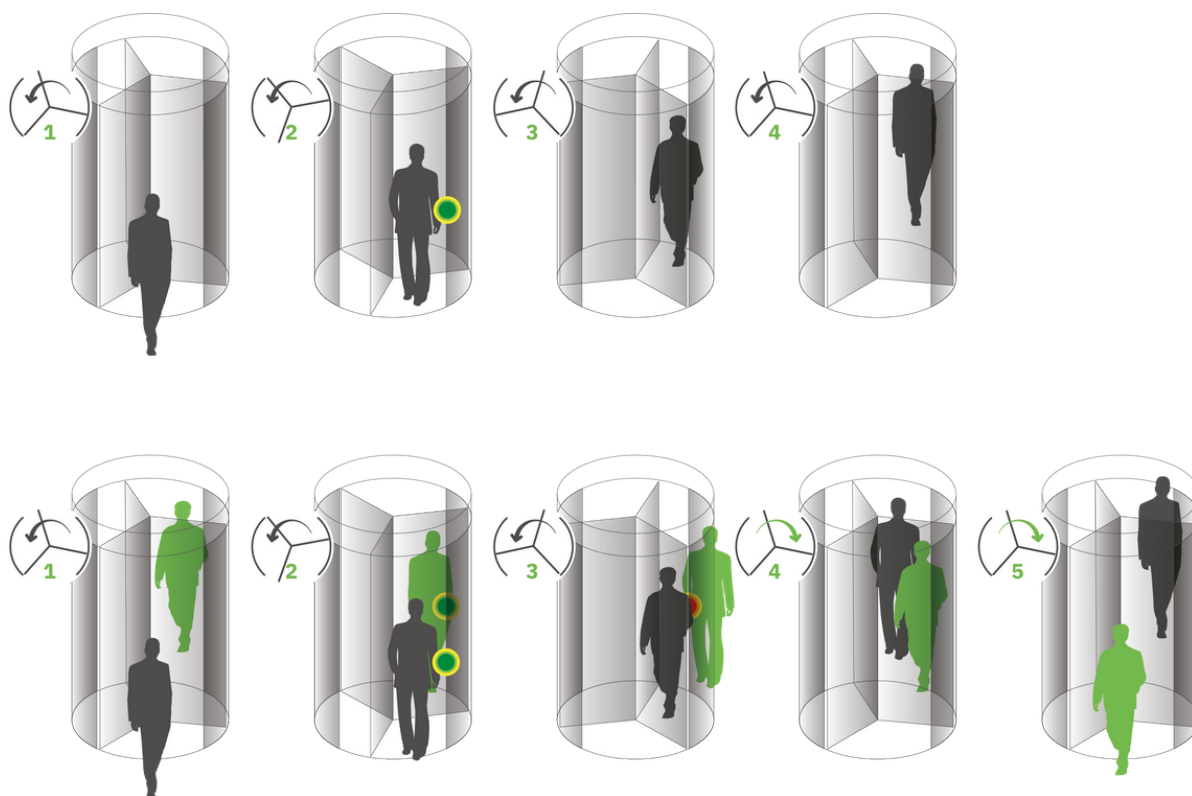
The specification table shows you our standard product options, and to the right of these, you can easily see, and consider, any compatible 'Level Up' options for fine-tuning the Tourlock 120.
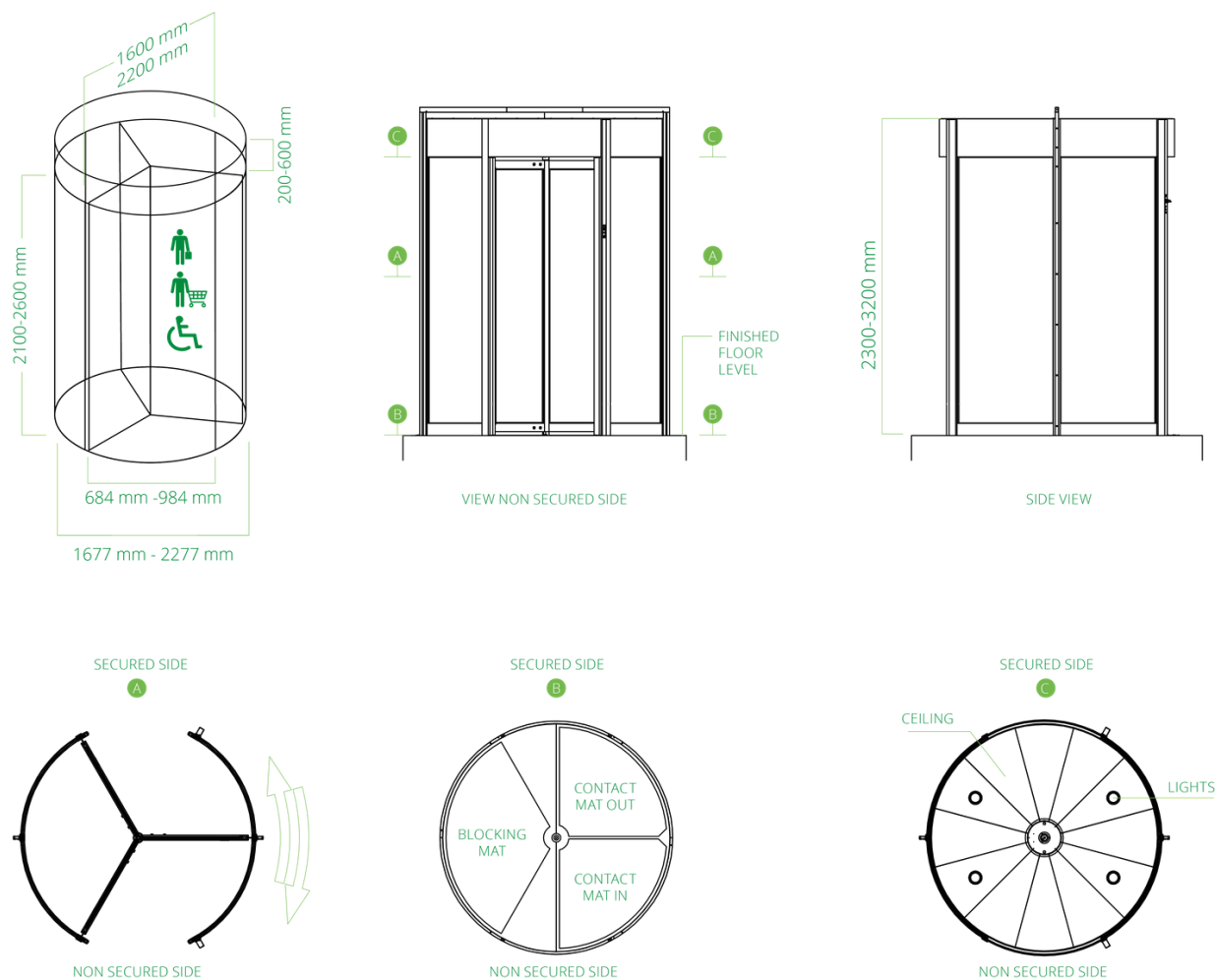
TECHNICAL SPECIFICATIONS

LEVEL UP+

THROUGHPUT	STANDARD	LEVEL UP OPTIONS
Throughput	15 People / minute in one direction	
Diameter	1600 mm	1800 - 2200 mm in increments of 200 mm
Height	2200 mm	Available between 2100 - 2600 mm in increments of 100 mm
Canopy Height	200 mm	200 - 600 mm in increments of 100 mm
Throat Opening	684 mm	784, 884, 984 mm
Number of Doors / Wings	3	
Flow	Bi-directional, one direction at a time (sequential)	

SECURITY	STANDARD	LEVEL UP OPTIONS
Tailgating Detection	Contact mats	Overhead sensor system
Piggybacking Detection	Weight System One-way detection	
Biometric Authorisation		Facial recognition Iris scanner
Night Locking		Mechanical lock doorset Night locking doors

SAFETY	STANDARD	LEVEL UP OPTIONS
Emergency Egress	No	Collapsible doorset
Operation in case of power failure	Fail safe	Fail secure
Fire Alarm Connection	Option to configure to open or close on fire alarm	Fail secure - pull release to unlock doorset from secure side
Protection Packages (glass)	Laminated security glass (P2A) Vandal resistant	Bullet-resistant package BR4NS

AESTHETICS	STANDARD	LEVEL UP OPTIONS
Material	Power Coated Aluminium	Anodizing, stainless steel, brass
Glass Panels	Vandal resistant safety glass (P2A)	Burglar resistant glass P5A / P6B Bullet resistant glass BR4NS
Wrapping / Branding	Not as standard	Glass decals with logo

TECHNOLOGY	STANDARD	LEVEL UP OPTIONS
Power Supply	110 - 240 V, 50 - 60 Hz	**INTEGRATION OPPORTUNITIES:**
Operating Power	100W	• BoonTouch External Control Panel • Card and tag readers
Operating Temperature	-20°C to +50°C	• Mobile / Bluetooth readers • Facial and iris recognition
Weight	900 kg	• Touchless fingerprint and vein readers • Free-out sensor activation
Access Control	Dry contacts for virtually any access control system	

COMFORT	STANDARD	LEVEL UP OPTIONS
Lighting and Sound	4x LED ceiling lights	Voice module Customised lighting possible
Cleaning Mode		Yes

WORKING PRINCIPLE

TECHNICAL DIMENSIONS

1600 mm
2200 mm

200-600 mm

2100-2600 mm

684 mm -984 mm

1677 mm - 2277 mm

FINISHED FLOOR LEVEL

2300-3200 mm

VIEW NON SECURED SIDE

SIDE VIEW

SECURED SIDE
A

NON SECURED SIDE

SECURED SIDE
B

BLOCKING MAT

CONTACT MAT OUT

CONTACT MAT IN

NON SECURED SIDE

SECURED SIDE
C

CEILING

LIGHTS

NON SECURED SIDE

The three wings have the advantage of providing more space in each segment.

SERVICE AND MAINTENANCE

With hundreds or thousands of visitors passing through an entry every day, continued and reliable operation is vital. Regular service and maintenance can prevent unexpected hardware breakdowns. Boon Edam's service and maintenance teams across the world are experienced in the effects the local conditions have on the wear and tear of your entry solutions and can offer specialised service and maintenance contracts that correspond to those conditions perfectly.

COMPLIANCE

Boon Edam security entrances are trusted solutions that allow organisations to meet compliance regulations related to restricting access to areas within a building. We take compliance and safety very seriously and ensure that our products are manufactured, installed and maintained to keep up the strict criteria required in all our countries. We are always improving and always committed to making sure our products are compliant and certified. More information can be found on our website under 'About Us'.

The Tourlock 120 complies with the following European Directives and Standards:
- Machine Directive 2006/42/EC
- EMC Directive 2014/30/EC
- RoHS Directive (2011/65/EU)
- EN1627 – Burglar resistant package
- EN1063 / EN1522 – Bullet resistant package
- EN356 – Glass specification

OUR REACH
IS GLOBAL.

We have been in business for more than 140 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

Royal Boon Edam International B.V.
T +31 (0) 299 38 08 08
E info@boonedam.com
I www.boonedam.com

BOON EDAM
YOUR **ENTRY** EXPERTS.