

PRODUCT PRESENTATION

Bike parking solutions

Enabling self-service operation at the entrance
of the bicycle parking and on the perimeter

cominfo

INTRODUCTION

Bike parking solutions

We make bicycle parking facilities more efficient and convenient.

Our bike product range enables self-service operation at the entrance of the bicycle parking and on the perimeter, allowing cyclists to park their bikes quickly and safely and securing the facility's premises.

Extensive bike parking portfolio

Our bike parking product ranges include several speed gate and full-height turnstile models.



Speed gates



Full-height turnstiles

INTRODUCTION

Product options

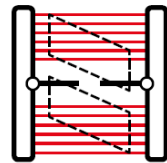
Adaptable for all market applications

All solutions are designed to improve the efficiency and convenience of bike parking facilities, enabling self-service operation at entrances and providing cyclists with a safe and quick way to park their bikes.

More importantly, these state-of-the-art solutions ensure the security of the facility's premises, giving peace of mind to both facility managers and cyclists.



Zero maintenance motor drive designed for 25 million MCBF (speed gate range)



Detection system utilizing advanced optical sensors and induction loops



Solutions suitable for both harsh outdoor environments and indoor usages

Speed gates



EasyGate SPT
Bike



EasyGate SPT
Bike Outdoor



EasyGate
Optical-Bike

Full-height turnstiles



REXON DEA 3
GATE-Bike



REXON ERA 3
GATE-Bike

ADVANCED BIKE PARKING SOLUTIONS

Why to choose our solutions

With uncompromising security, convenient self-service, and high customization options, we ensure safe and efficient bicycle parking.



Uncompromising security

Bike speed gates incorporate advanced security features such as tailgating and cross over attempts detection, while full-height turnstiles form robust impenetrable barriers. Both solutions ensure that only authorized cyclists can access the biking facility.



Convenient self-service

Our parking solutions allow users to park their bicycles safely, quickly, and efficiently. There is no need for a facility attendant to be present; the cyclists can park their bikes independently without needing assistance.



High customization

Various customization options, such as adjustable security levels, personalized visual guidance, and different identification technologies, allow for tailored solutions that meet specific design and security requirements.



Multiple access options

They can be easily integrated with various payment systems providers and devices, so the cyclists can enter using bank cards, employee cards, mobile apps, student cards, city cards, public transport cards, and even a bike tag attached to their bicycle.



Durability and reliability

They are built to last, with high-quality components, low-maintenance motor drives, and robust constructions that ensure long-lasting reliability even in high-traffic bike parking facilities and under harsh weather conditions.



Flexible configuration

Our bike parking solutions can be configured to meet specific requirements, such as single or multiple lanes, extended passage width, and emergency exit options, ensuring that they can adapt to different environments and user needs.

SETTING TRENDS IN BIKE PARKING

The current trends

Urban landscapes are undergoing a transformative shift towards sustainable commuting solutions. A key aspect of this transformation is the advancement of bike infrastructure and parking.



Secure bike parking

There is a growing demand for secure bike parking solutions that would provide cyclists with peace of mind that their bikes will be safe from theft or vandalism.



High-capacity bike parking

As cities become more densely populated, space becomes a premium. High-capacity and even multi-level bike parking facilities are becoming increasingly common.



Smart and integrated bike parking

With the advent of smart cities, we see a growing demand for bike-sharing subscription programs and integrated systems that enable cyclists to pay for bike parking effortlessly.



Increasing government funding

Government bodies and municipalities are increasingly recognizing the importance of sustainable commuting and are providing grants to support the development of bike infrastructure.



Energy efficiency & sustainability

Integrating environmental sustainability principles into bike infrastructure, such as reducing energy costs on operation and using recyclable materials, is becoming paramount.

COMPLIANCE

Standards, certifications and patents

Our products are subject to constant quality monitoring and management assessments, and have obtained several certificates and approvals from international institutions.

Both bike speed gates and full-height turnstiles **comply with all relevant standards, certifications, and regulations** to ensure safety, quality, and legal compliance worldwide.

Compliance with all relevant standards and certifications



ISO 9001

Quality
Management
Certificate



ISO 14001

Environmental
Management
Certificate



ISO 27001

Information Security
Management
Certificate



TÜV SÜD

Conformity
Assessment



ADA / DDA

Accessibility
Compliance

Patent



MDD Motor

Direct-Current Electric
Motor | Patent no.
EP2710717A2

SPEED GATES

Identification options

Designed to improve the security of bike parking facilities and convenience for cyclists, our bike solutions offer various identification options.

Advanced identification options

- 1 Multiple identification options including RFID reader for contactless cards, QR scanner and biometric terminal
- 2 Possibility to extend the bike speed gate's cabinet to integrate mass transit terminals
- 3 Dual identification for simultaneous verification of the user's credentials and an RFID tag on the bike



Bike tagging system

The bike tagging system pairs a personal ID with the bike ID to allow passage only when both IDs are confirmed simultaneously.

- No battery is needed
- Outdoor rugged casing
- Prevents the bike from being stolen
- Antipassback function (new entry is allowed only if an exit is the last event)

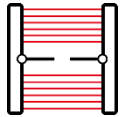


SPEED GATES

Detection system

All bike speed gate models provide exceptional security through advanced optical sensors that prevent unauthorized access, such as tailgating and cross over, and through the industry-unique induction loop system detecting the bicycle.

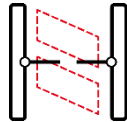
Leveling up safety & security



Optical sensors

Fitted with advanced S-Beam optical sensors, bike speed gates feature 36 pairs in both standard and outdoor versions.

Arranged in four horizontal strips, sensors deliver outstanding recognition capabilities, effectively detecting and preventing any unauthorized entry attempts.



Induction loop system

The induction loop system revolutionizes bicycle parking, flawlessly identifying bikes and, together with cutting-edge optical sensors providing unparalleled security.

Tailored to each installation, the induction loops are integrated into a designated ramp or installed in a concrete base, with two zones per passage lane.



Adjustable safety & security levels

The safety and security levels can be set across five levels, ranging from the highest security to the utmost safety, ensuring the setting is aligned with the client's requirements.



PRODUCT OVERVIEW

EasyGate SPT Bike

With the EasyGate SPT Bike speed gate, we have materialized our vision for the future of bicycle parking. We have developed a product that contributes to sustainable urban mobility becoming an obvious choice for commuters.

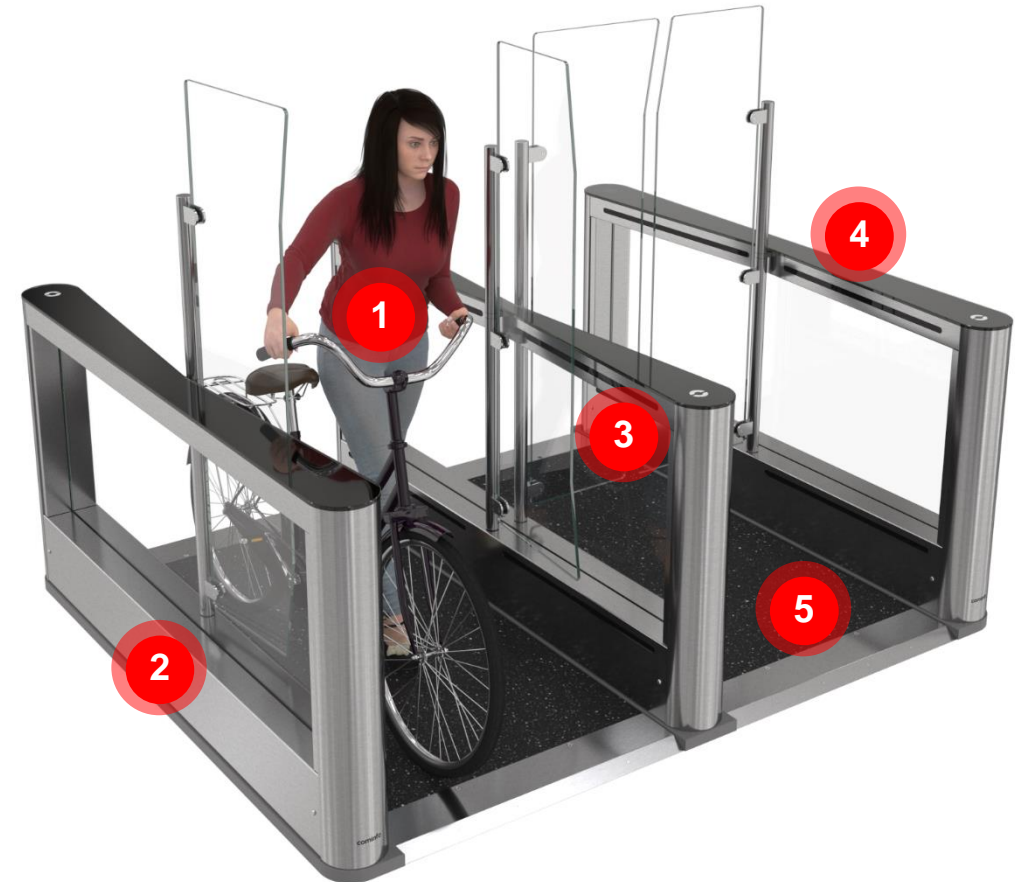
The future of bike parking solutions

- 1 High bicycle throughput with up to 15 bike users per minute reduces possible congestion and queues
- 2 Zero-maintenance motor drive is designed for 25 million MCBF
- 3 The special Z-shape of glass wings prevents the bike from being stuck
- 4 High-precision optical sensors prevent any tailgating and crossover situations
- 5 The induction loops are integrated into a designated ramp or installed in a concrete base



EasyGate SPT Bike Outdoor

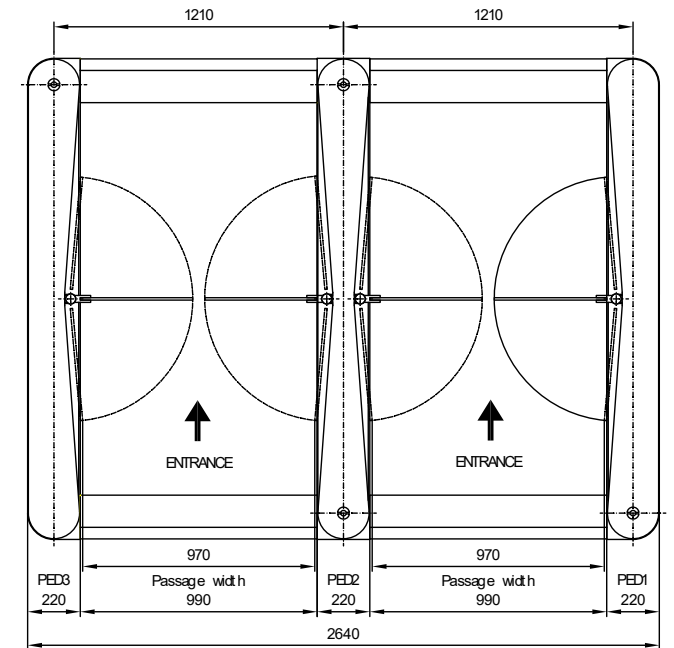
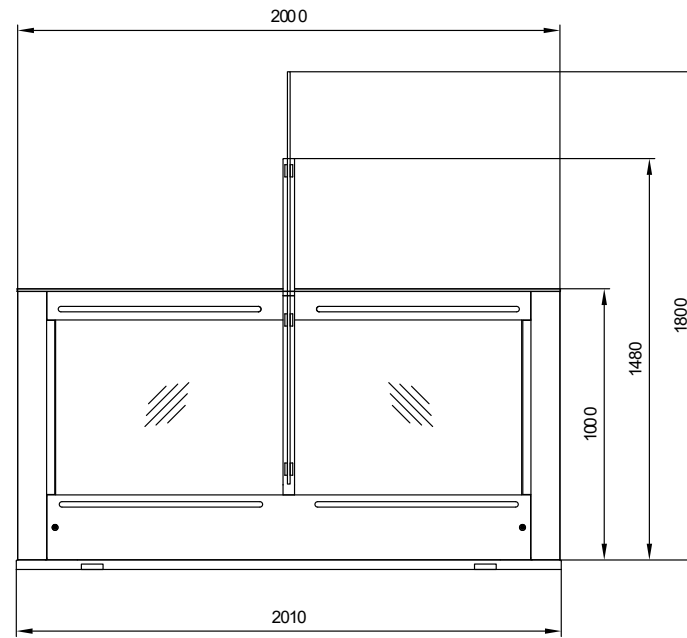
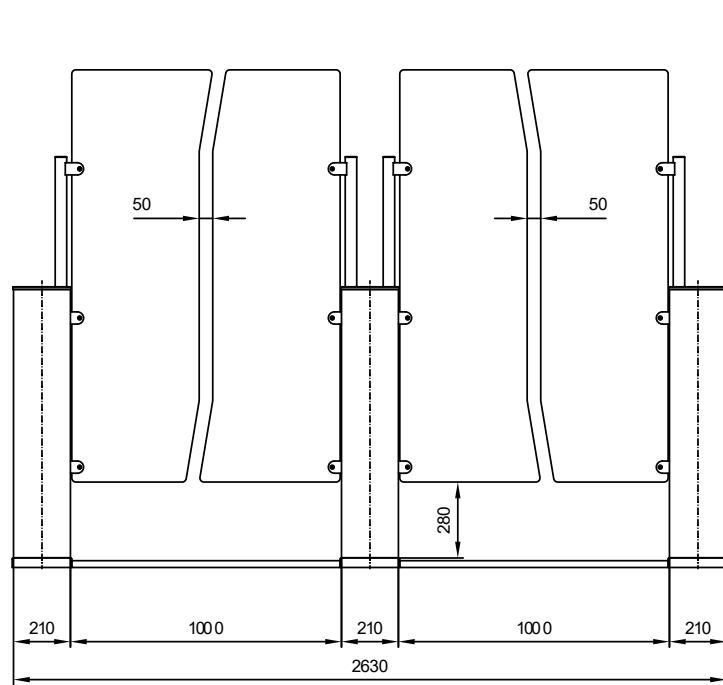
- Designed to withstand harsh outdoor environments
- Does not require a shelter or canopy
- IP53 protection and strengthened cabinet construction
- Resisting rain, snow, and humidity or temperature change



* Rendering depicts specific installation configuration

LAYOUT DRAWING

EasyGate SPT Bike



HOW IT WORKS

Self-service bicycle parking

Making bicycle parking efficient and convenient

- 1** The speed gate recognizes the RFID tag on the bike.

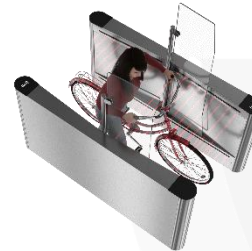


**AND
/ OR**

- 2** User identifies themselves with a designated credential.



- 3** When passing, the user is detected by optical sensors.



- 4** Wings stay open as long as the induction loops detect the bike.



- 5** When neither the user nor the bike is detected, the wings will close.



* Specific dual identification use case

** The rendering does not depict the latest product version

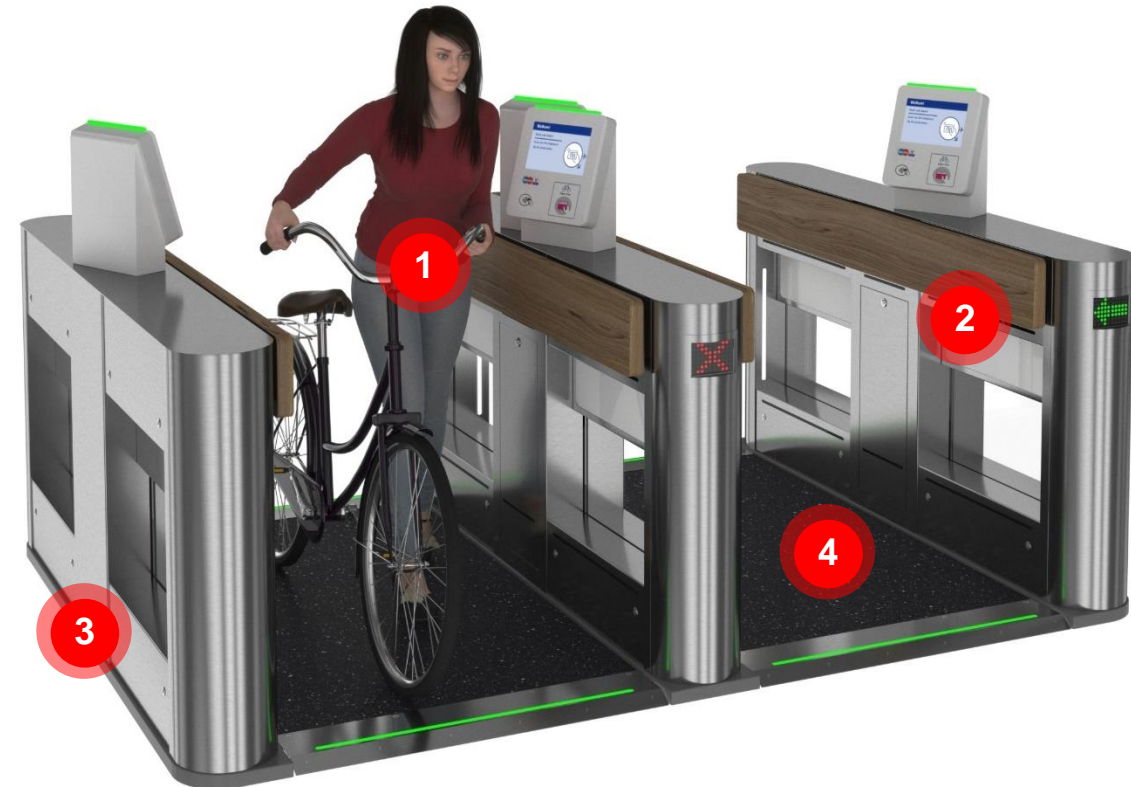
PRODUCT OVERVIEW

EasyGate Optical-Bike

Fashioned without glass wings, the EasyGate Optical-Bike offers unobtrusive security detection while facilitating faster bike throughput with up to 40 users per minute.

The best solution for high-traffic environment

- 1 Unparallel bicycle throughput with up to 30-40 bike users per minute mitigates any congestion and queues
- 2 In the case of an attempted unauthorized passage, it immediately triggers the alarm
- 3 It is designed for locations with 24/7 surveillance
- 4 The induction loops are integrated into a designated ramp or installed in a concrete base



* Rendering depicts specific installation configuration

COMPONENTS AND TECHNOLOGY

Magnetic direct drive

The Magnetic Direct Drive (MDD) is an innovative maintenance-free motor with an exceptionally long lifetime specifically designed for access control applications. It is quiet, energy-efficient, and features **25 million mean cycles before a failure**.

The MDD will be especially appreciated in high-traffic environments where unbeatable reliability is desired.

Unrivalled drive quality



MCBF

Mean Cycles Before Failure

25 million

1



Maintenance-free
drive

2



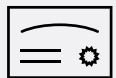
Fast acceleration
& deacceleration

3



Quiet operation

4



Developed &
patented by us

5



Adjustable speed
& torque

PRODUCT OVERVIEW

Full-height turnstiles

The REXON range combines a full-height turnstile for pedestrian access with an integrated bicycle gate.

Heavy-duty construction, low-maintenance motor drive, and anti-corrosive finish make it well-suited for harsh outdoor installations, especially in the perimeter, where bike access is needed. However, it also fits the needs of the indoor application.

Heavy-duty solution for any weather conditions

- 1 Designed for high-traffic conditions with minimal maintenance
- 2 Induction loops for enhanced security (ramp or concrete base)
- 3 A wide range of accessories and customization options
- 4 Two models are available:
 - REXON DEA 3 GATE-Bike
 - REXON ERA 3 GATE-Bike

Product variants



REXON DEA 3
GATE-Bike



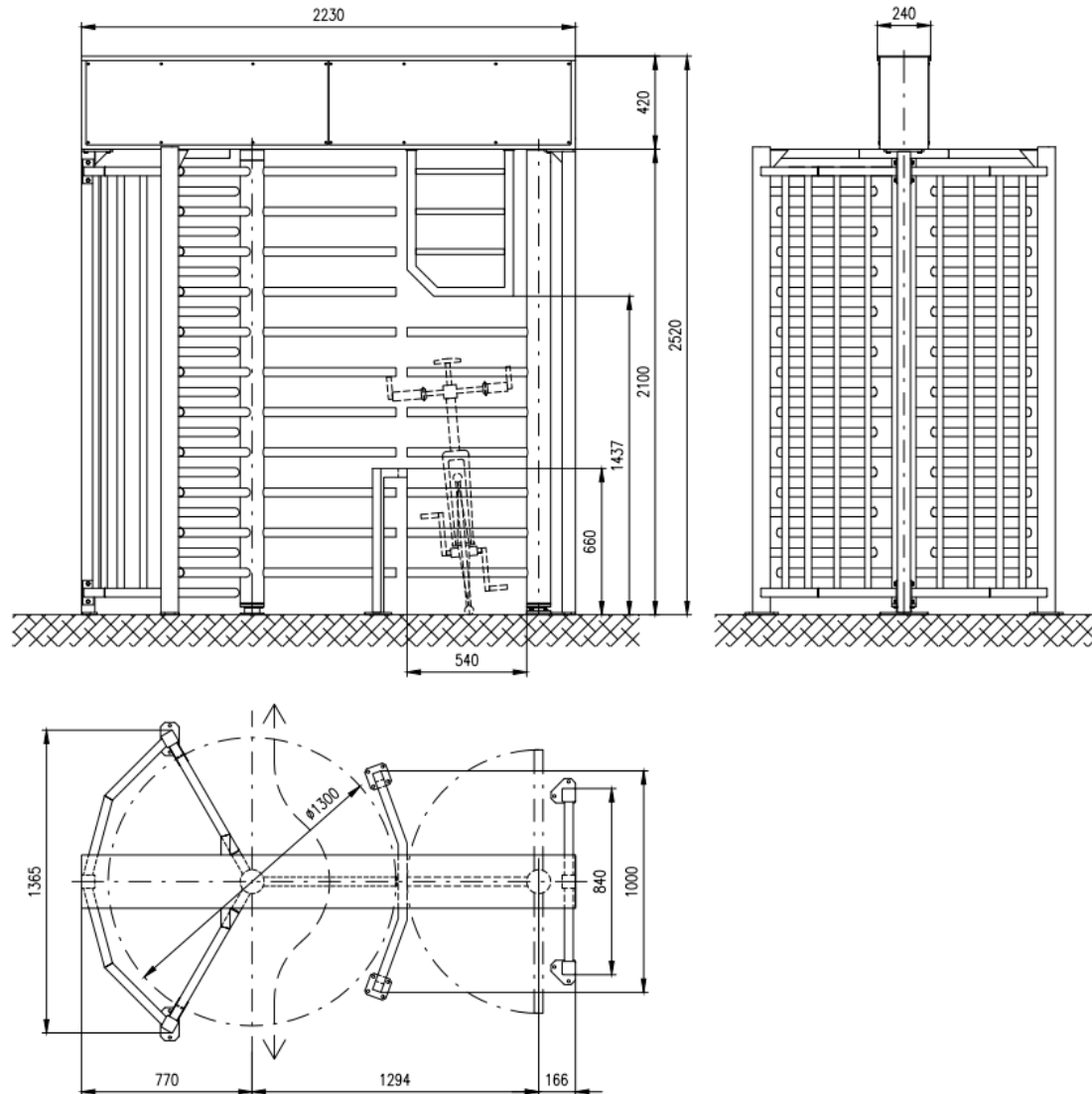
REXON ERA 3
GATE-Bike



* Rendering depicts specific installation configuration

LAYOUT DRAWING

REXON ERA 3 GATE-Bike



SPEED GATES & FULL-HEIGHT TURNSTILES

Accessories

Light and sound indication



Access Light ●●



Lane Light ●●



Edge Light ●

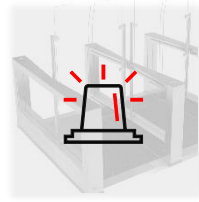


Wav Player ●●

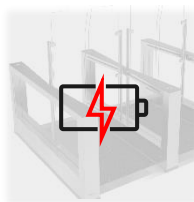
Safety & security features, power-cut



Pressure Sensing Top ● PushThrough* ●



Emergency mode ●●
emergency signal



Supercap ●

Other



3rd party reader /
terminal integration ●●



EasyTouch
Remote controller ●●



SW applications ●●

- Speed gates
- Full-height turnstiles

* EasyGate SPT Bike &
EasyGate SPT Bike Outdoor

SUCCESS STORIES

Secured by COMINFO

Thanks to many years of experience, we always offer our clients comprehensive and professionally customized bike solutions.

EasyGate SPT Bike



Train stations in the Netherlands

Multiple locations – NL, EasyGate SPT Bike

EasyGate Optical-Bike



Bike parking Stationsplein

Amsterdam – NL, EasyGate Optical-Bike

Full-height turnstiles



Rastra

Zlin – CZ, REXON ERA 3 GATE-Bike



Byondis Campus

Nijmegen – NL, EasyGate SPT Bike Outdoor



Bike parking IJboulevard

Amsterdam – NL, EasyGate Optical-Bike

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