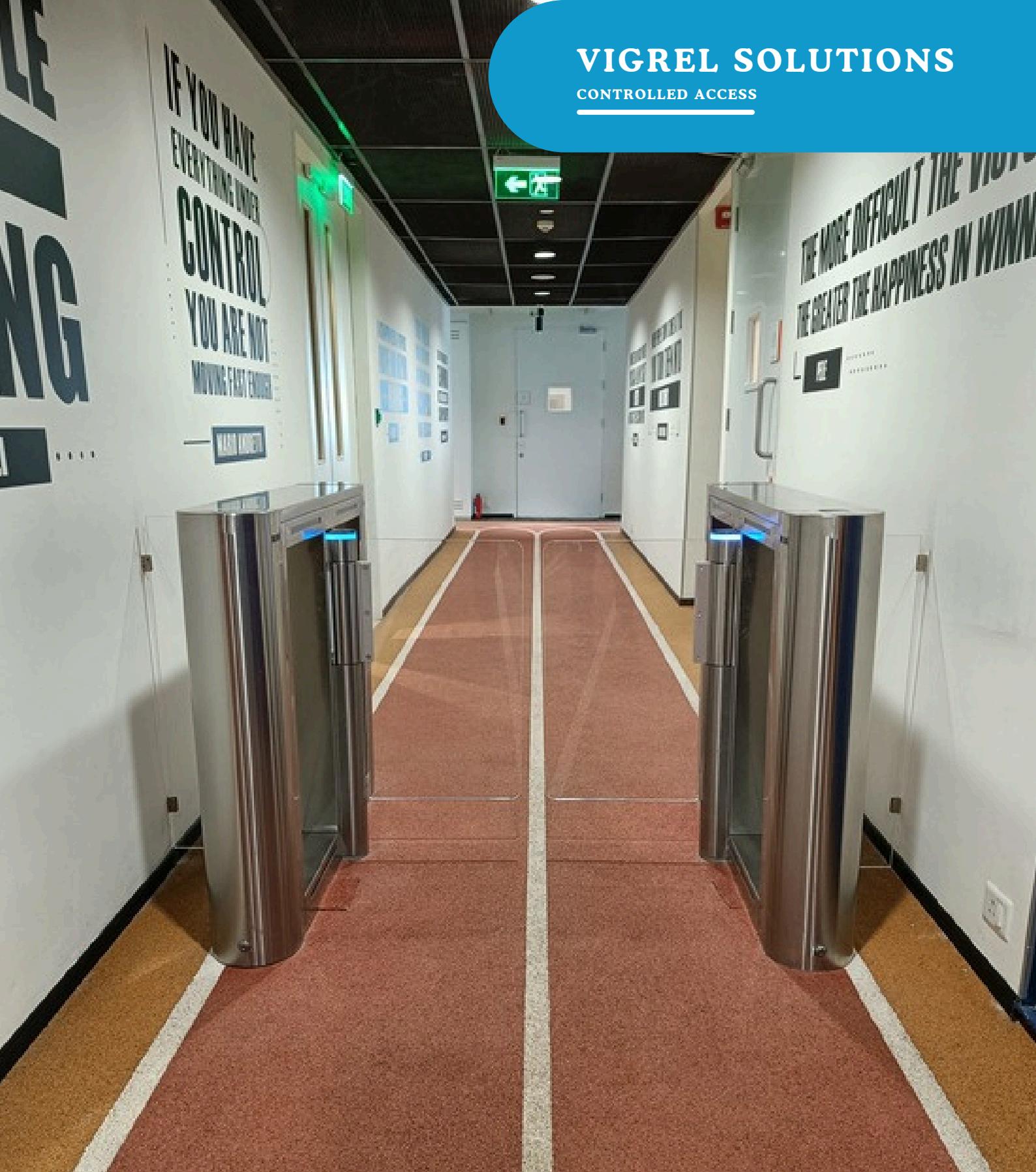


VIGREL SOLUTIONS

CONTROLLED ACCESS



## PRODUCT CATALOGUE

The Ultimate Controlled-Entry

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A

SPEEDLANE SWING

# SPEEDLANE SWING AERIS

A sleek and reliable access control solution combining classic aesthetics with modern performance. Ideal for corporate offices, government buildings, data centers, and commercial complexes.

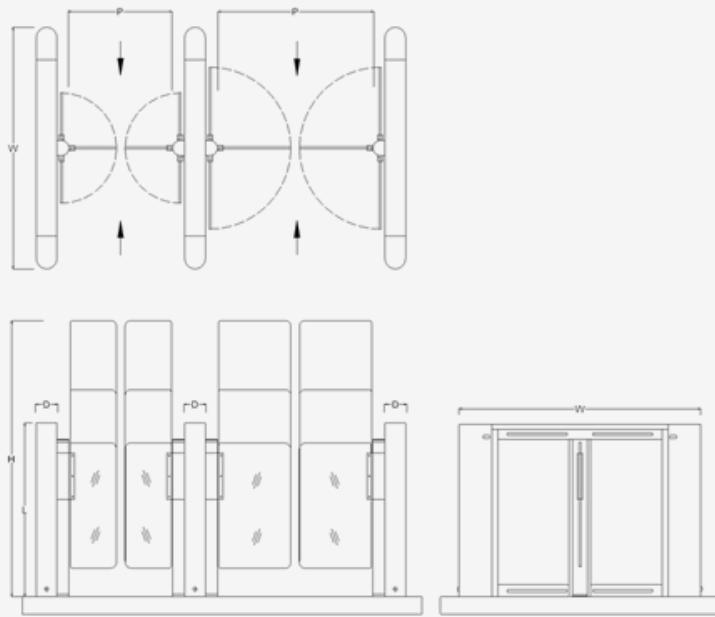
## Key Features:

- **Classic & Slim Design:** Timeless body profile with minimal footprint; enhances the look of any modern or traditional space.
- **Smooth & Silent Operation:** Equipped with a brushless DC motor drive for fast, quiet, and durable performance.
- **Advanced Control Mechanism:** Precision swing-arm movement for accurate and secure bi-directional access.
- **Aesthetic Appeal:** Smooth stainless steel or powder-coated finish with optional LED illumination for lane status indication.
- **Compact Structure:** Slim cabinet allows multiple lanes in limited areas, maximizing floor space utilization.
- **Customizable Finish:** Available in SS304 / SS316, with options for color coating, glass height, and LED lighting style.
- **Flexible Integration:** Supports all major third-party access control systems including RFID, biometric, facial, barcode, and QR code readers.
- **Safety & Reliability:** Built-in IR sensors for tailgating and unauthorized entry detection; automatic arm retraction during power failure.

## Benefits:

- Elegant appearance suited for high-end environments.
- Space-efficient design with high throughput.
- Easy integration with existing building security systems.
- Reliable long-term operation with minimal noise and wear.
- Enhanced visitor experience through smooth and fast access.

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated slim body.
- Transparent swing panels with sleek modern design.
- LED user guidance for entry and exit direction.
- Compact footprint ideal for tight installations.
- Smooth and silent motorized operation.
- Advanced infrared sensors for safe passage.
- Supports RFID, biometric, face, and QR authentication.
- Easy integration with third-party access control systems.
- Low power consumption and easy maintenance.
- Customized branding option on swing panels.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coated)
- Stainless-steel 304



- PVD Coating (S.S. 304)



	Passage Height (H)*	Passage Width (P)*	Box Depth (W)*	Box Width (D)*	Box Height (L)*	Technologie	Features	Flap
VSL100	900/1200/1800 mm	600 mm	1200 / 1400 mm	120/130/200 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)
VSL100W	900/1200/1800 mm	900 mm	1200 / 1400 mm	120/130/200 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)

# SPEEDLANE SWING NOVA

The NOVA series is a compact, high-performance access control system designed for modern environments where space efficiency and aesthetics are key. Despite its minimal footprint, it delivers smooth, fast, and secure passage for authorized users, making it ideal for areas with limited installation space such as corporate offices, co-working spaces, educational institutions, and data centers.

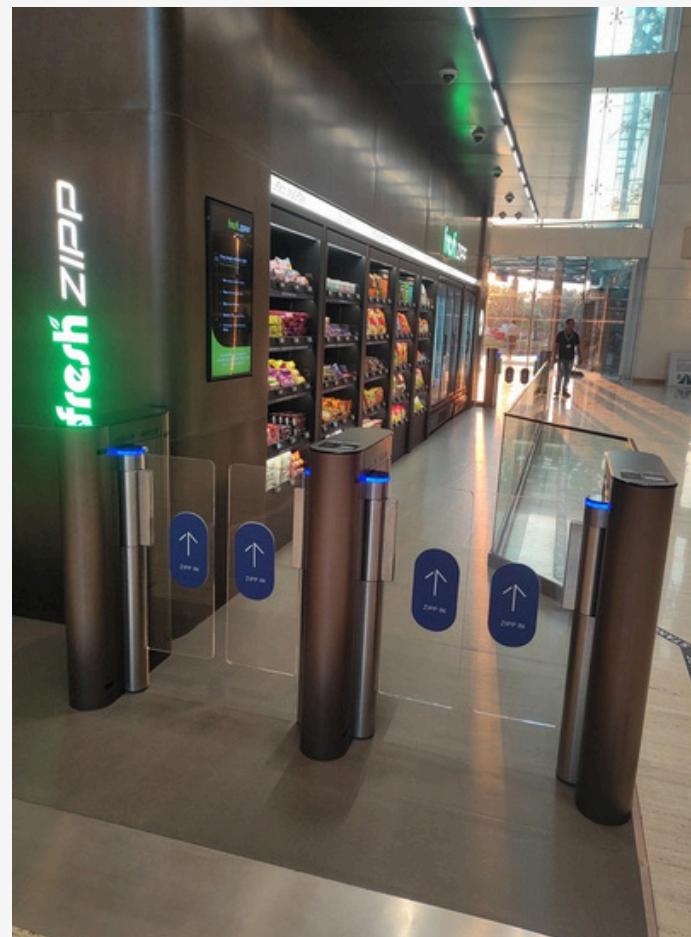
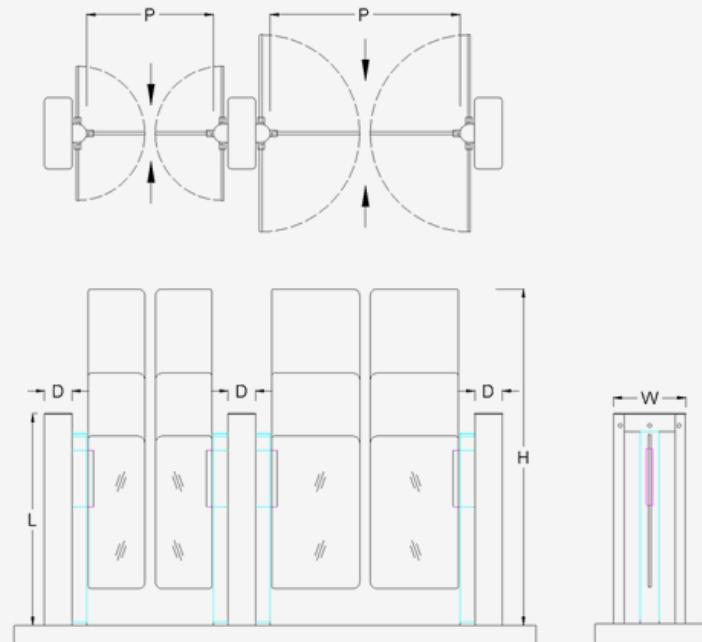
## Key Features

- Compact Cabinet Design: The sleek, short cabinet occupies significantly less floor space compared to traditional speed gates.
- Fast and Silent Operation: Advanced motorized swing arms ensure quick bi-directional movement with minimal noise and high throughput.
- Modern Aesthetics: Clean lines and contemporary materials complement modern architecture while maintaining a professional look.
- User-Friendly Passage: Equipped with infrared sensors for precise detection, ensuring safe and convenient passage for all users.
- Customizable Integration: Compatible with RFID, biometric, QR, and other access control systems.

## Benefits of a Compact Cabinet

- Space Optimisation.
- Ease of Installation.
- Cost Efficiency.
- Modern Appeal.

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated compact body.
- Modern cabinet design balancing performance and aesthetics.
- LED directional indicators for clear user guidance.
- High-speed, low-noise motorized operation.
- Intelligent sensor array for precise user detection.
- Seamless integration with all major access control systems.
- Modular design for easy installation and servicing.
- Optional single or dual swing configuration.
- Custom finish options for premium interiors.
- Optional customized branding on swing panels.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coated)
- Stainless-steel 304



- PVD Coating (S.S. 304)



	Passage height (H)	Passage width (P)	Box Depth (W)*	Box width (D)*	Box Height (L)*	Technologie	Features	Flap
VSL200	900/1200/1800 mm	600 mm	300 mm	120/130/200 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)
VSL200W	900/1200 mm	900 mm	300 mm	120/130/200 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)

# SPEEDLANE SWING TITAN

A sleek and reliable access control solution combining classic aesthetics with modern performance. Ideal for corporate offices, government buildings, data centers, and commercial complexes.

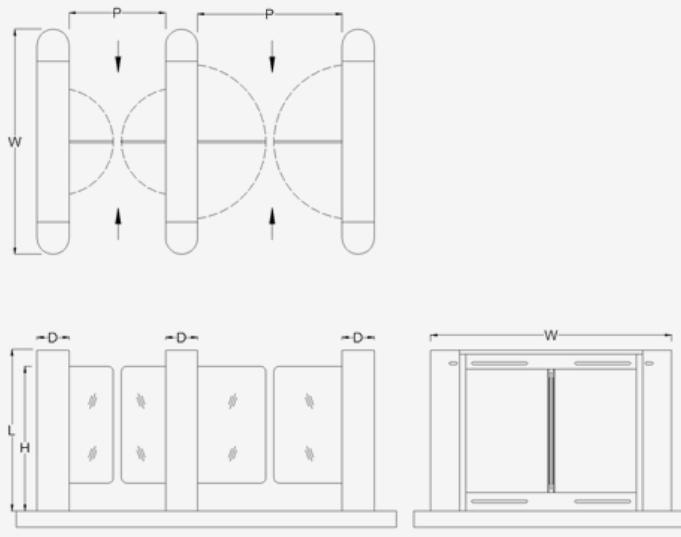
## Key Features:

- **Classic & Slim Design:** Timeless body profile with minimal footprint; enhances the look of any modern or traditional space.
- **Smooth & Silent Operation:** Equipped with a brushless DC motor drive for fast, quiet, and durable performance.
- **Advanced Control Mechanism:** Precision swing-arm movement for accurate and secure bi-directional access.
- **Aesthetic Appeal:** Smooth stainless steel or powder-coated finish with optional LED illumination for lane status indication.
- **Compact Structure:** Slim cabinet allows multiple lanes in limited areas, maximizing floor space utilization.
- **Customizable Finish:** Available in SS304 / SS316, with options for color coating, glass height, and LED lighting style.
- **Flexible Integration:** Supports all major third-party access control systems including RFID, biometric, facial, barcode, and QR code readers.
- **Safety & Reliability:** Built-in IR sensors for tailgating and unauthorized entry detection; automatic arm retraction during power failure.

## Benefits:

- Elegant appearance suited for high-end environments.
- Space-efficient design with high throughput.
- Easy integration with existing building security systems.
- Reliable long-term operation with minimal noise and wear.
- Enhanced visitor experience through smooth and fast access.

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated heavy-duty body.
- Wide cabinet structure for high-traffic environments.
- High-torque motor for reliable continuous operation.
- LED indicators for passage direction and system status.
- Advanced safety sensors prevent tailgating and impact.
- Smooth, controlled bi-directional movement.
- Compatible with RFID, biometric, and face systems.
- Long operational life with minimal maintenance.
- Available in single and dual-lane configurations.
- Customized branding option on swing panels

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coated)



- Stainless-steel 304



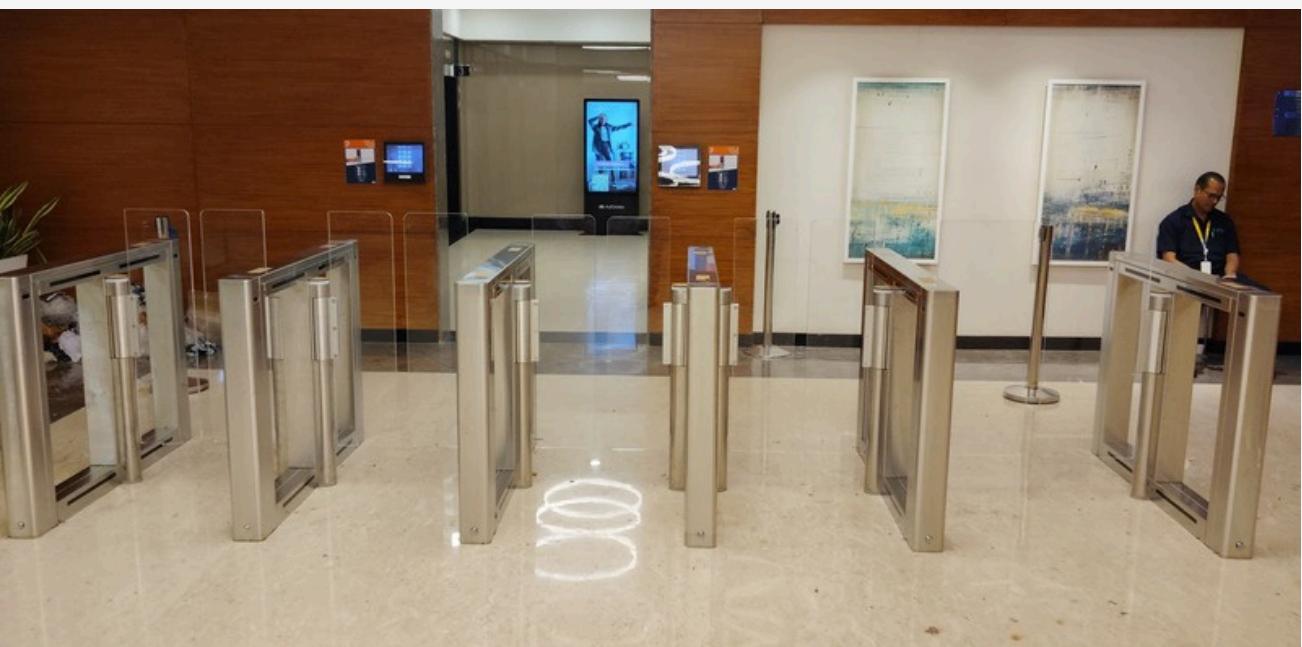
- PVD Coating (S.S. 304)



	Passage height (H)	Passage width (P)	Box Depth (W)*	Box width (D)*	Box Height (L)*	Technologie	Features	Flap
VSL300	900 mm	600 mm	1200 / 1400 mm	200 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)
VSL300W	900 mm	900 mm	1200 / 1400 mm	200 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)



SpeedLane Swing VSL200-9A



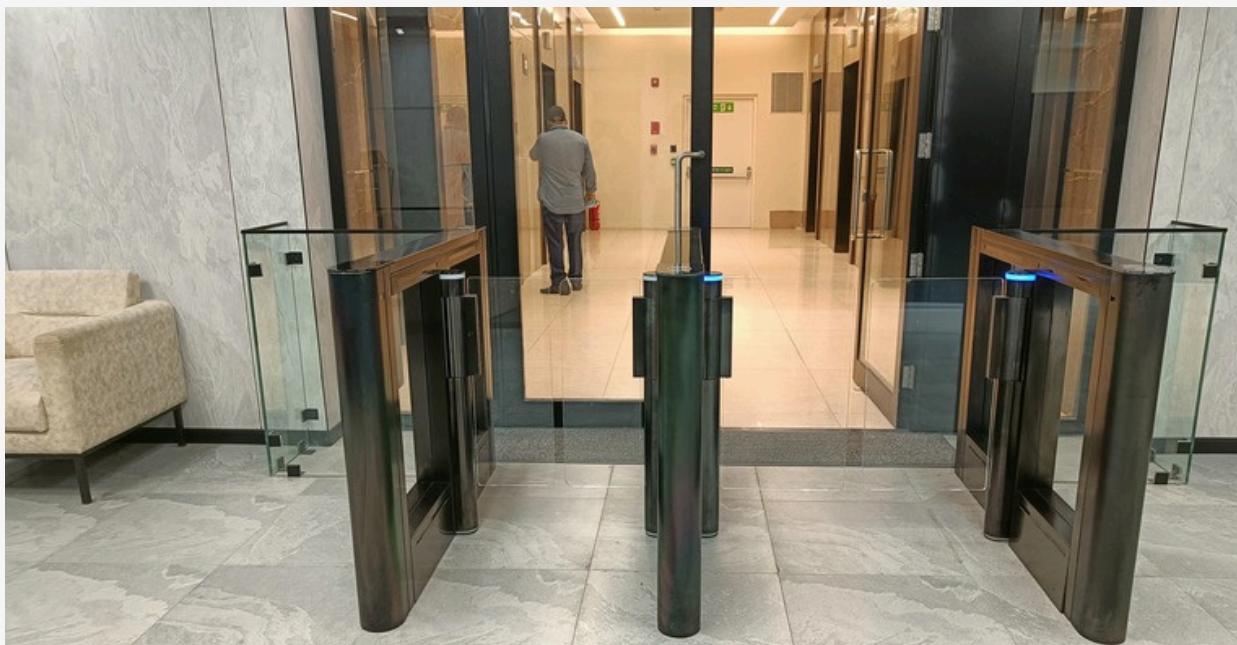
SpeedLane Swing VSL100-12B, VSL100W-12B



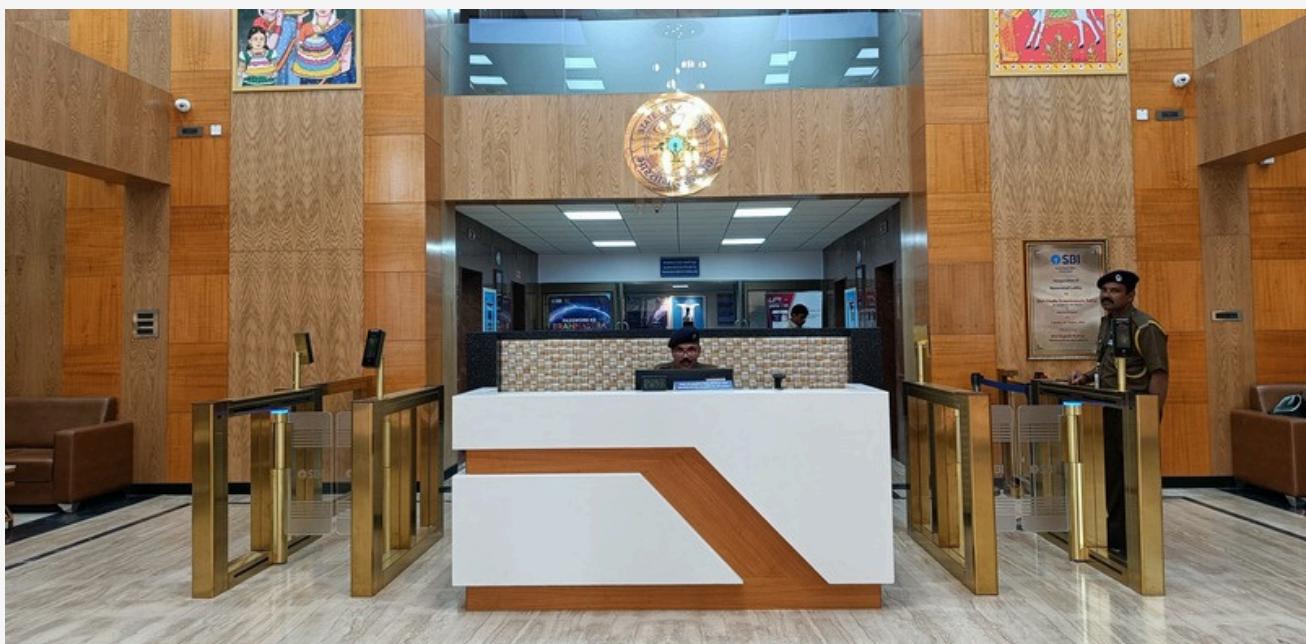
SpeedLane Swing VSL300-A, VSL300W-A



*SpeedLane Swing VSL100-9A, VSL100W-9A*



*SpeedLane Swing VSL100-9A, VSL100W-9A*



*SpeedLane Swing VSL100-9B*



SPEEDLANE FLAP

# SPEEDLANE FLAP HORIZON

The Classic Series flap barrier is a robust and reliable access control solution engineered for heavy-duty performance and long-term durability. Designed for high-traffic environments, it combines solid construction with precise motion control to ensure secure and efficient pedestrian flow in demanding applications such as government buildings, metro stations, and industrial facilities.

## Key Features

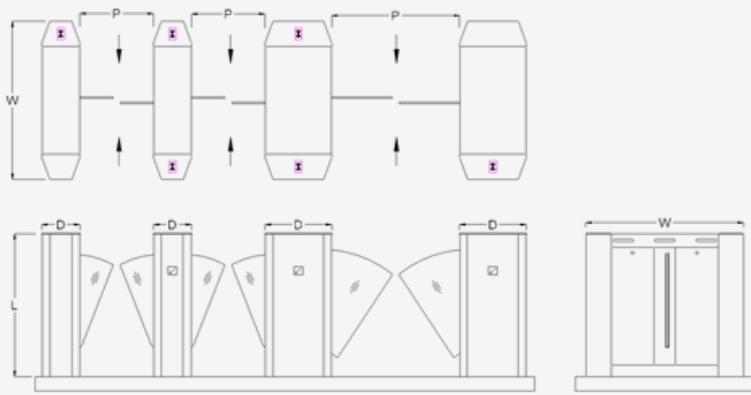
- Heavy-Duty Construction: Built with a strong stainless-steel body designed to withstand continuous use and physical impact.
- Reliable Mechanism: Dual flap system with powerful motor drive ensures smooth and consistent bi-directional operation.
- Enhanced Security: Integrated sensors prevent unauthorized access and tailgating.
- Customizable Interface: Supports RFID, biometric, face, and QR access control systems.
- Maintenance-Friendly: Modular design allows easy access for servicing and upgrades.

## Benefits of a Classic Design

- Long-Term Reliability
- Enhanced Physical Strength
- High-Traffic Handling
- Easy Maintenance



## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated robust cabinet body.
- Balanced design combining durability and contemporary style.
- LED direction indicators for clear user guidance.
- Smooth bi-directional motorized flap movement.
- High-precision sensors ensure secure single-person passage.
- Supports RFID, biometric, face, and QR authentication methods.
- Compact electronics layout for efficient servicing.
- Available in single or dual-lane configurations.
- Optional flap material: acrylic or tempered glass.
- Optional customized branding on flap panels.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap
VFB100	-	520 mm	1100 mm	260/300 mm	1000 mm	Motorized	Fail-Safe/Fail-Lock	Acrylic/ Glass (12mm)
VFB100W	-	900 mm	1100 mm	460 mm	1000 mm	Motorized	Fail-Safe/Fail-Lock	Acrylic/ Glass (12mm)

# SPEEDLANE FLAP AERO

The **Slim** Series flap barrier is designed for modern spaces where aesthetics and space efficiency are essential. It offers a slim, elegant profile without compromising performance or safety, making it ideal for corporate receptions, co-working spaces, educational campuses, and commercial buildings.

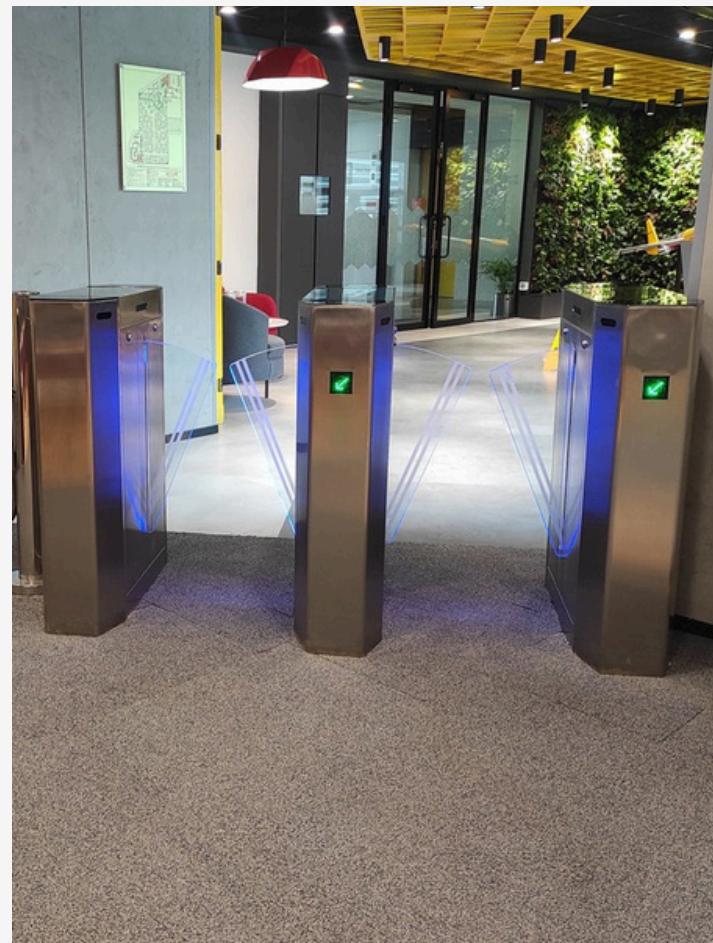
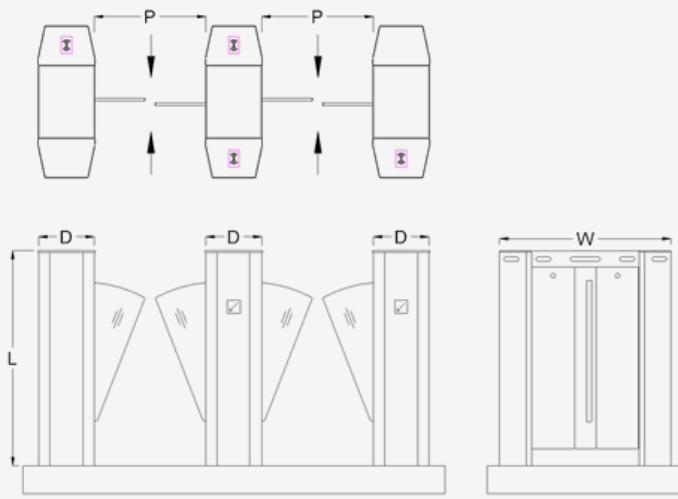
## Key Features

- Slim Cabinet Design: Minimal footprint suitable for tight spaces while maintaining strong build quality.
- Fast and Smooth Operation: Motorized flaps provide quick and silent motion for seamless entry and exit.
- Contemporary Aesthetics: Brushed stainless-steel finish with optional glass or acrylic flaps enhances visual appeal.
- Safety-Integrated: Multi-beam infrared sensors detect tailgating and obstruction for user protection.
- Flexible Integration: Compatible with all standard access control systems (RFID, biometric, face, QR, etc.).

## Benefits of a Compact Cabinet

- Space Optimization
- Modern Visual Appeal
- Energy Efficient Operation
- Quick Installation

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated slim cabinet body.
- Compact design ideal for space-constrained entry points.
- Transparent or tinted acrylic flaps for a sleek appearance.
- LED user guidance indicators for entry and exit direction.
- Fast and silent motorized operation with smooth motion.
- Dual infrared sensor rows for accurate user detection.
- Seamless integration with RFID, biometric, face, and QR systems.
- Modular mechanism for easy installation and maintenance.
- Customizable cabinet finish and flap material options.
- Optional customized branding on flap panels.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap
VFB200	-	520 mm	800 mm	260/300 mm	1000 mm	Motorized	Fail-Safe/Fail-Lock	Acrylic/ Glass (12 mm)

# SPEEDLANE FLAP FLEX

The FLEXI Series is a heavy-duty, safety-focused flap barrier designed to deliver superior protection, durability, and comfort in high-traffic access control zones. Its distinctive PU-based flaps, similar to those used in metro stations, ensure that even accidental contact feels soft and harmless — combining strength with user safety. Built for reliability and long service life, the FLEXI Series is ideal for environments such as transportation hubs, corporate campuses, industrial facilities, and government buildings where both security and safety are top priorities.

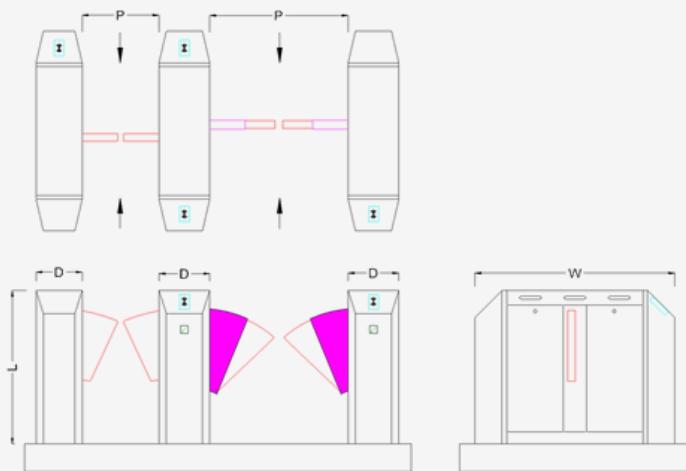
## Key Features

- PU Soft Flaps: Specially engineered polyurethane flaps reduce impact force, preventing injury and enhancing user comfort during passage.
- Heavy-Duty Cabinet: Robust stainless-steel body designed to handle continuous, high-volume traffic with minimal wear.
- Advanced Safety Sensors: Multi-beam infrared detection for precise monitoring and anti-tailgating protection.
- Smooth and Controlled Operation: High-torque motor system ensures consistent, quiet, and stable motion.
- Custom Integration Options: Supports all standard access control systems — RFID, biometric, face recognition, QR, and more.

## Benefits of PU Flap Design

- Enhanced User Safety
- Shock Absorption & Impact Resistance
- Long Operational Life
- Ideal for Public & High-Traffic Areas

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated body with PU soft flaps.
- Flexible impact-absorbent flaps for enhanced user safety.
- LED indicators for access direction and system status.
- High-torque, silent motor drive for smooth operation.
- Multi-beam infrared sensors for accurate passage control.
- Ideal for high-traffic or public environments like metros.
- Compatible with all standard access control technologies.
- Long service life with minimal maintenance needs.
- Premium finish options to match architectural spaces.

## FINISH OPTIONS

- RAL Colour \*  
(Powder Coated)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap
VFB300	-	520 mm	1100/ 1300 mm	300 mm	1000 mm	Motorized	Fail-Safe	PU (50 mm)
VFB300 W	-	900 mm	1100/ 1300 mm	300 mm	1000 mm	Motorized	Fail-Safe	PU (50 mm)



SpeedLane Flap VFB300W-A, VFB300-A



Access Gate VAG101W-9B, SpeedLane Flap VFB100-A



SpeedLane Flap VFB100-B, Access Gate VAG200W-B



SpeedLane Flap VFB100-A-ESD



SpeedLane Flap VFB101-A



SpeedLane Flap VFB100-B



ACCESS GATE

# ACCESS GATE TOWER

The TOWER Series is a sleek, pillar-type access control gate designed for modern architectural spaces where aesthetics, performance, and minimal footprint are key. Its elegant vertical profile makes it ideal for installations where space is limited but visual impact matters — such as corporate offices, premium lobbies, and co-working environments. Despite its compact design, it delivers high-speed and reliable operation for secure and efficient access management.

## Key Features

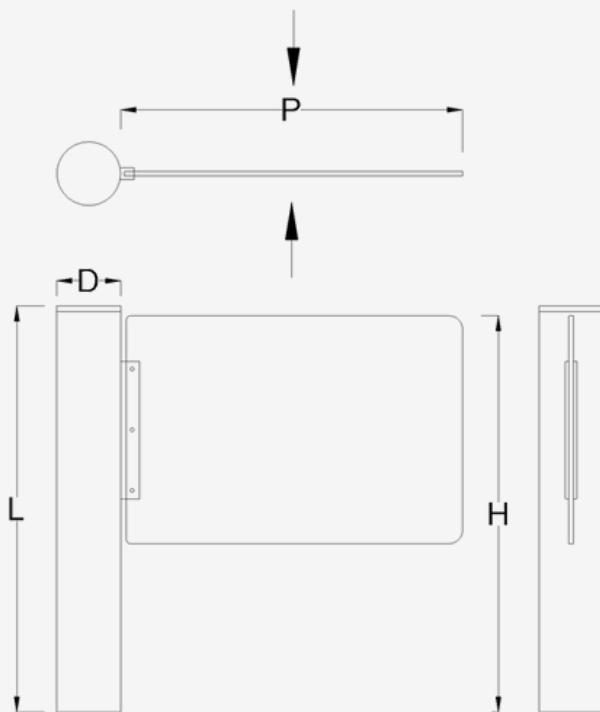
- Slim Pillar Design: Space-efficient structure suitable for narrow entrances or architectural integration.
- Fast & Silent Drive: Motorized swing arms provide smooth, quiet, and bi-directional operation.
- Contemporary Look: Polished stainless-steel finish with optional LED accents enhances modern interiors.
- Sensor-Based Detection: Infrared sensors ensure precise user validation and tailgating prevention.
- Universal Compatibility: Supports RFID, biometric, face, and QR-based access control systems.

## Benefits of Pillar-Type Design

- Space Optimization
- Elegant Appearance
- Easy Installation in Tight Spaces
- Low Visual Obstruction



## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated pillar-style body.
- Vertical, space-saving structure ideal for narrow entry points.
- LED indicators for entry and access status.
- Smooth motorized operation with controlled swing.
- Optional manual or semi-automatic configurations.
- Compatible with RFID, biometric, face, and QR readers.
- Easy integration with existing access control systems.
- Contemporary design suitable for premium interiors.
- Optional single or double-sided operation.
- Customizable branding and finish options.

## FINISH OPTIONS

- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap
VAG100	900/1200 mm	600/900 mm	168 mm	168 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)/ S.S.
VAG101	900/1200 mm	600/900 mm	100/168 mm	100/168 mm	1000 mm	Non-Motorized	Fail-Safe	Acrylic/ Glass (12mm)/ S.S.

# ACCESS GATE CORE

The CORE Series represents the solid, box-type version of VIGREL's access gate lineup, offering a perfect blend of durability, functionality, and professional aesthetics. Its robust cabinet structure provides enhanced stability and accommodates additional electronic components, making it suitable for medium to high-traffic environments such as data centers, educational institutes, and industrial facilities.

## Key Features

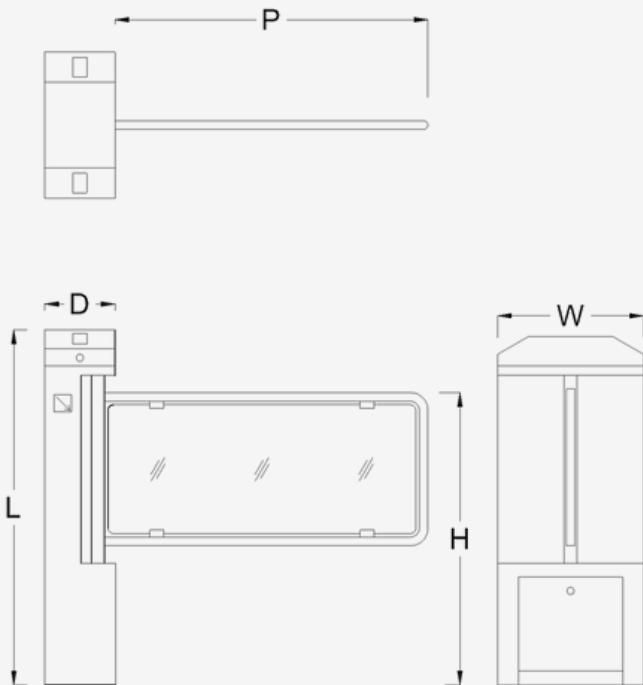
- Sturdy Cabinet Body: Strong, box-type frame ensures long-term durability and consistent performance.
- High-Torque Mechanism: Smooth and stable swing operation, optimized for frequent use.
- Enhanced Integration Space: Extra internal volume allows easy accommodation of controllers and wiring.
- Safety & Security Sensors: Multi-beam infrared detection for accurate access validation.
- Custom Access Options: Fully compatible with all modern authentication methods — RFID, biometric, QR, etc.

## Benefits of Box-Type Design

- Enhanced Structural Strength
- Stable Performance
- Easy Maintenance & Integration
- Suitable for Medium to Heavy Traffic



## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated box-type cabinet.
- Strong and stable structure for long-term reliability.
- LED user guidance and operational status indicators.
- High-performance motorized drive system.
- Modular layout for simplified servicing and maintenance.
- Seamless integration with third-party access systems.
- Supports RFID, biometric, face, and QR access options.
- Available in multiple width configurations.
- Optional emergency breakaway function.
- Customizable color, material, and logo branding.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



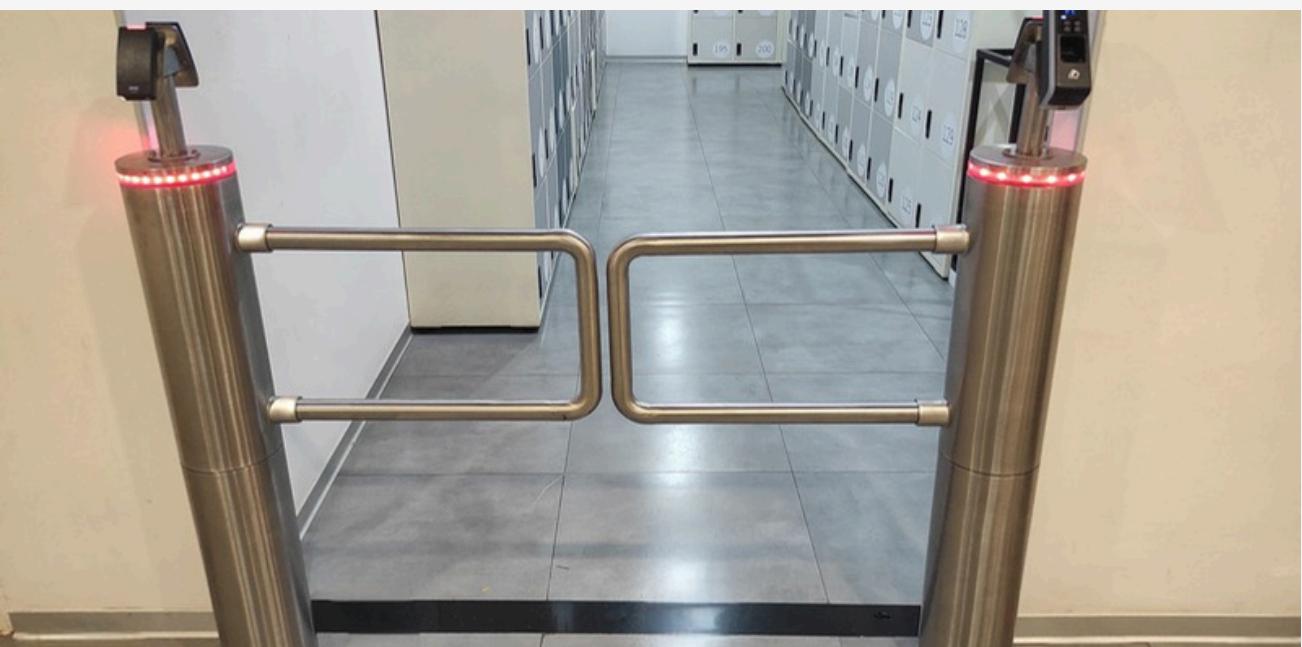
	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap
VAG200	900/1200 mm	900/600/500 mm	420 mm	200 mm	1000 mm	Motorized	Fail-Safe	Acrylic/ Glass (12mm)/ S.S.
VAG201	900/1200 mm	900/600/500 mm	420 mm	200 mm	1000 mm	Non-Motorized	Fail-Safe	Acrylic/ Glass (12mm)/ S.S.



*Tripod Turnstile VTT200-B, Access Gate VAG200W-B*



*Access Gate VAG200-B, Tripod Turnstile VTT200-B*



*Access Gate VAG100-B*



SINGLE ARM BARRIER

# SINGLE ARM BARRIER GRAV

The GRAV Series introduces a new generation of access barriers featuring a reverse-motion design — instead of lifting upward like traditional boom barriers, the GRAV arm drops downward to grant passage. This innovative approach offers space-saving benefits, improved safety, and an unmistakable modern appearance. Perfect for parking zones, industrial areas, and secure vehicle entry points where compact operation and reliability are essential.

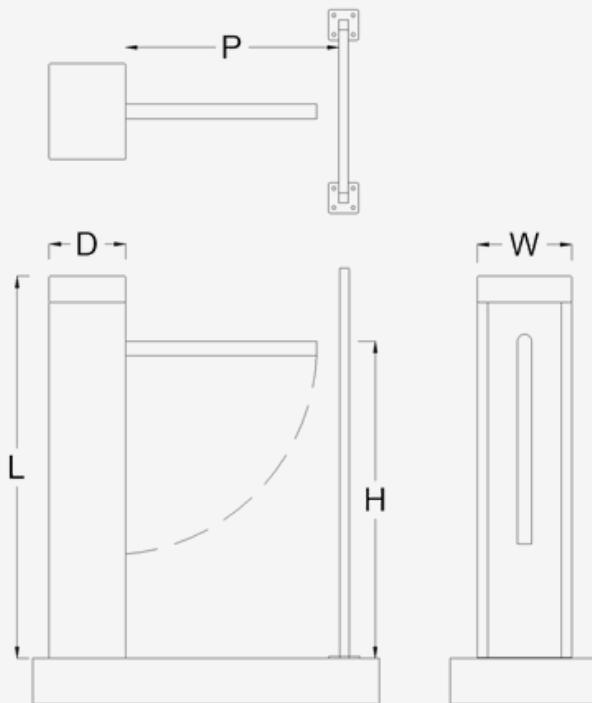
## Key Features

- Reverse Drop Mechanism: Barrier arm descends to open, minimizing space and eliminating overhead clearance issues.
- Precision Motor Drive: Controlled, smooth, and reliable downward motion with accurate positioning.
- Safety Sensors: Automatic obstruction detection prevents accidental lowering on vehicles or pedestrians.
- Rugged Design: Built for continuous operation in high-demand environments.
- Flexible Integration: Compatible with RFID, ANPR, loop detector, and push-button systems.

## Benefits of Downward-Opening Design

- Compact Operation
- Reduced Overhead Space Needs
- Enhanced Safety & Reliability
- Distinctive Modern Aesthetics

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated compact housing.
- Innovative downward-opening arm mechanism.
- High-torque motor for stable and smooth movement.
- LED indicators for access status and arm position.
- Adjustable opening and closing speed.
- Built for continuous operation in heavy-traffic areas.
- Integration-ready with RFID or any third-party reader.
- Compact design requiring minimal overhead clearance.
- Optional electromechanical or motorized configuration.
- Customizable arm length and branding options.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap
VDB100	830 mm	550 mm	250 mm	200/350/450 mm	1000 mm	Motorized	Fail-Safe	S.S. 304



Single arm barrier VDB 100-A



Single arm barrier VDB 100-A



TRIPOD TURNSTILE

# TRIPOD TURNSTILE PRIME

The Prime Series is a robust and time-tested tripod turnstile designed for long-term reliability and consistent performance in high-traffic areas. With a sturdy frame and precise locking mechanism, it ensures controlled and secure pedestrian movement while maintaining low maintenance requirements. Suitable for corporate offices, industrial facilities, and public access areas where durability is a priority.

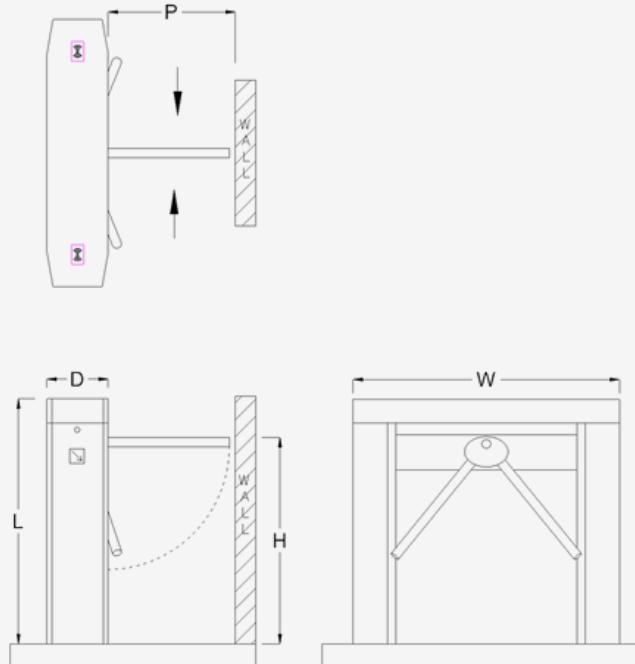
## Key Features

- Heavy-Duty Design: Built with a rigid stainless-steel frame for maximum strength and stability.
- Smooth Tripod Action: Ensures comfortable passage with reliable arm positioning.
- Motorized or Electromechanical Operation: Available in both motor-driven and standard models to suit different site needs.
- Access Control Ready: Compatible with RFID, biometric, face, and QR-based systems.
- Optional Drop Arm Mechanism: Arm automatically drops in case of emergency or power failure for safe evacuation.

## Benefits

- Proven Reliability
- Long Service Life
- High Resistance to Wear
- Ideal for Continuous Operation

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated cabinet structure.
- Balanced design for medium-to-heavy usage.
- Motorized or electromechanical operation available.
- LED indicators display access and rotation status.
- Optional drop arm for emergency or power failure.
- Rugged internal mechanism for consistent performance.
- Easy installation and maintenance access.
- Compatible with all major access control systems.
- Long operational life with low maintenance.
- Optional customized branding on cabinet body.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap/Arm
VTT100	850 mm	525 mm	1100 mm	250 mm	1000 mm	Motorized	Fail-Safe	S.S. 304
VTT101	850 mm	520 mm	1100 mm	200/250 mm	1000 mm	Electromechanical	Fail-Safe	S.S. 304

# TRIPOD TURNSTILE EDGE

The EDGE Series is a compact, space-efficient tripod turnstile designed for modern interiors where elegance and performance must work together. Its slim cabinet reduces footprint without compromising reliability, making it ideal for corporate reception areas, co-working spaces, educational campuses, and commercial buildings. Available in motorized or electromechanical drive options, the EDGE Series delivers smooth, controlled, and secure pedestrian flow.

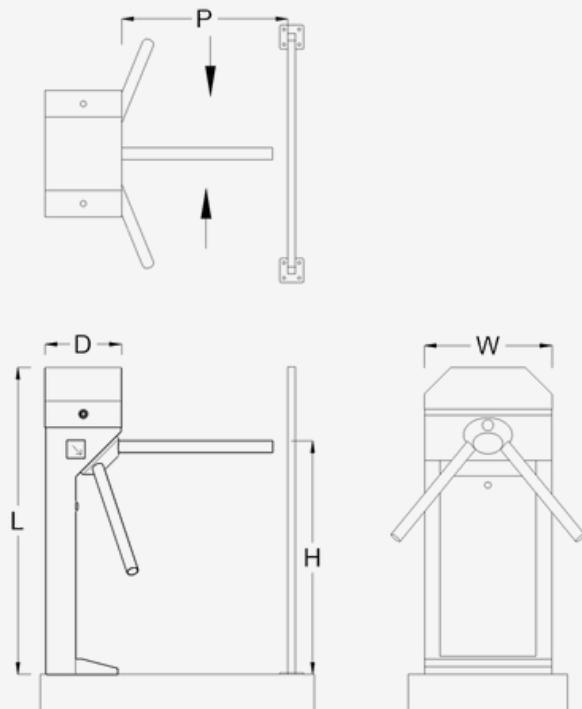
## Key Features

- Slim Cabinet Design: Space-saving profile suitable for narrow entrances.
- Smooth Operation: Motorized configuration ensures quiet, controlled rotation.
- Precise Access Control: Infrared sensors and controlled logic reduce tailgating.
- Emergency Drop Arm (Optional): Arm drops during power failure or fire alarms for safe evacuation.
- Universal Integration: Supports RFID, biometric, QR, and facial authentication systems.

## Benefits

- Minimal space requirement
- Modern aesthetic for premium interiors
- Safe and controlled movement
- Flexible installation options

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated slim cabinet.
- Space-efficient design ideal for compact areas.
- Smooth motorized or electromechanical drive.
- LED direction indicators for user guidance.
- Drop arm feature for emergency exit (optional).
- Supports RFID, biometric, face, and QR systems.
- High-quality mechanism for long service life.
- Easy integration with third-party controllers.
- Silent operation with controlled rotation.
- Optional customized branding on cabinet.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap/Arm
VTT200	850 mm	525 mm	420 mm	250 mm	1000 mm	Motorized	Fail-Safe	S.S. 304
VTT201	850 mm	520 mm	420 mm	200/250 mm	1000 mm	Electromechanical	Fail-Safe	S.S. 304

# TRIPOD TURNSTILE ELITE

The Elite Series represents the top-tier version of VIGREL's tripod range — built for rough and tough environments where endurance and mechanical strength are critical. Featuring a non-drop arm configuration and electromechanical drive, it's engineered for maximum reliability even in outdoor or heavy-use conditions such as factories, transport terminals, and stadiums.

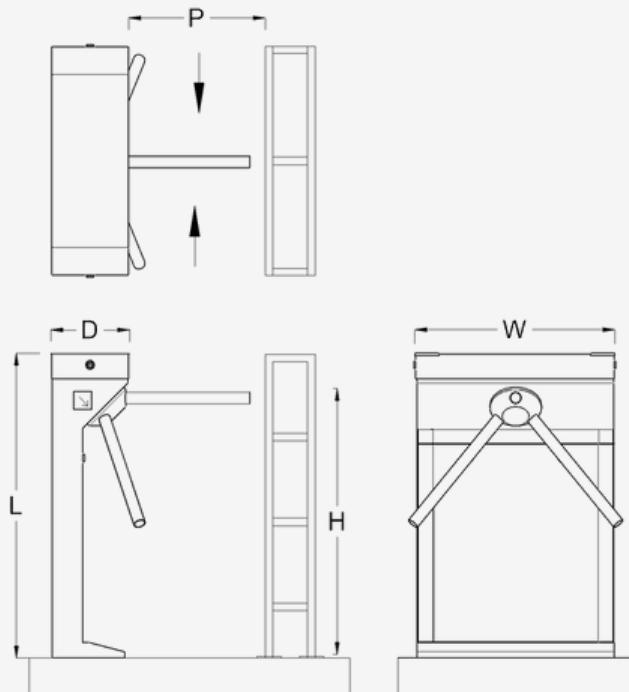
## Key Features

- Reinforced Cabinet Structure: Thicker, industrial-grade housing for superior impact resistance.
- Electromechanical Drive: Ensures consistent operation without arm drop, ideal for rugged use cases.
- High Durability Components: Designed for continuous operation with minimal maintenance.
- Weather-Resistant Design: Suitable for both indoor and outdoor installations.
- Customizable Control Logic: Compatible with all major access control and safety systems.

## Benefits

- Rugged & Heavy-Duty Performance
- Non-Drop Arm for Uninterrupted Control
- Long-Term Reliability
- Ideal for Harsh & Demanding Sites

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- Heavy-duty stainless steel / powder-coated cabinet.
- Reinforced frame for rugged and outdoor applications.
- Electromechanical drive for tough, continuous operation.
- Non-drop arm for uninterrupted access control.
- LED indicators for access direction and system status.
- Suitable for industrial, factory, and public environments.
- Compatible with all access control and safety systems.
- Weather-resistant design for outdoor installation.
- Minimal maintenance and long service life.
- Optional customized branding on housing.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Box Depth (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Flap/Arm
VSL100	850 mm	525 mm	650 mm	250 mm	1000 mm	Motorized	Fail-Safe	S.S. 304
VSL100W	850 mm	520 mm	650 mm	200/250 mm	1000 mm	Electromechanical	Fail-Safe	S.S. 304



Tripod Turnstile VTT201-B



Tripod Turnstile VTT100-B



Tripod Turnstile VTT301-A



*Tripod Turnstile VTT200-B*



*Tripod Turnstile VTT200-B*



*Tripod Turnstile VTT100-A*



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FULL HEIGHT TURNSTILE

# FULL HEIGHT TURNSTILE AXIS

The AXIS Series is a high-security, full-height turnstile featuring a 90° rotor design for precise one-person-per-passage control. Engineered for reliability, durability, and modern aesthetics, it is ideal for corporate campuses, government facilities, and high-security zones requiring strict access management. Available in motorized and electromechanical drives, it meets diverse operational requirements while ensuring smooth and controlled rotation.

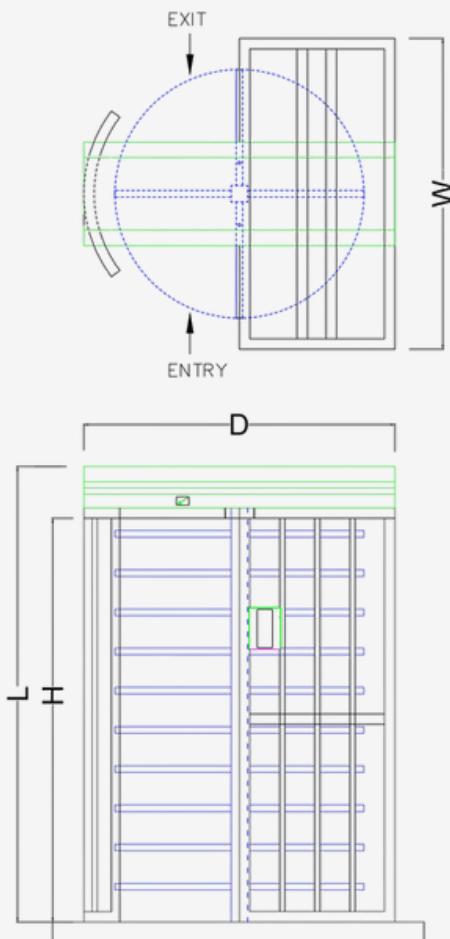
## Key Features

- 90° Rotor Design: Ensures one-person-at-a-time access for enhanced security.
- Dual Drive Options: Motorized for smooth, silent operation; electromechanical for rugged, high-demand use.
- Robust Construction: Powder-coated or stainless-steel finish for long-lasting durability.
- Dual Lane Compatibility: Optional twin-lane system for high throughput in compact areas.
- Integrated Access Control: Supports RFID, biometric, face recognition, and QR systems.

## Benefits

- Maximum Access Security
- Long-Term Durability
- Flexible Installation Options
- Ideal for Indoor & Outdoor Use

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated full-height frame.
- 90° rotor design for strict single-person entry control.
- Motorized or electromechanical drive options.
- LED indicators for direction and access status.
- Dual-lane configuration available for high throughput.
- Smooth, controlled rotation for comfortable passage.
- Compatible with RFID, biometric, face, and QR systems.
- Weatherproof design for outdoor and industrial sites.
- Customizable branding and finish options.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Width (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Rotor
VFHT100	2050 mm	665 mm	1500 mm	1500 mm	2230 mm	Motorized	Fail-Safe/ Fail-Lock	S.S. 304
VFHT101	2050 mm	665 mm	1500 mm	1500 mm	2230 mm	Electromechanical	Fail-Safe/ Fail-Lock	S.S. 304
VFHT100-D	2050 mm	665 mm	1500 mm	2250 mm	2230 mm	Motorized	Fail-Safe/ Fail-Lock	S.S. 304
VFHT101-D	2050 mm	665 mm	1500 mm	2250 mm	2230 mm	Electromechanical	Fail-Safe/ Fail-Lock	S.S. 304

# FULL HEIGHT TURNSTILE VERTEX

The VERTEX Series combines 120° rotor design with modern engineering to provide smooth, comfortable, and secure pedestrian passage. Its wider rotation segment allows faster throughput without compromising safety, making it ideal for commercial buildings, transport hubs, and high-traffic facilities. Available in motorized and electromechanical drives, it ensures both efficiency and reliability across different environments.

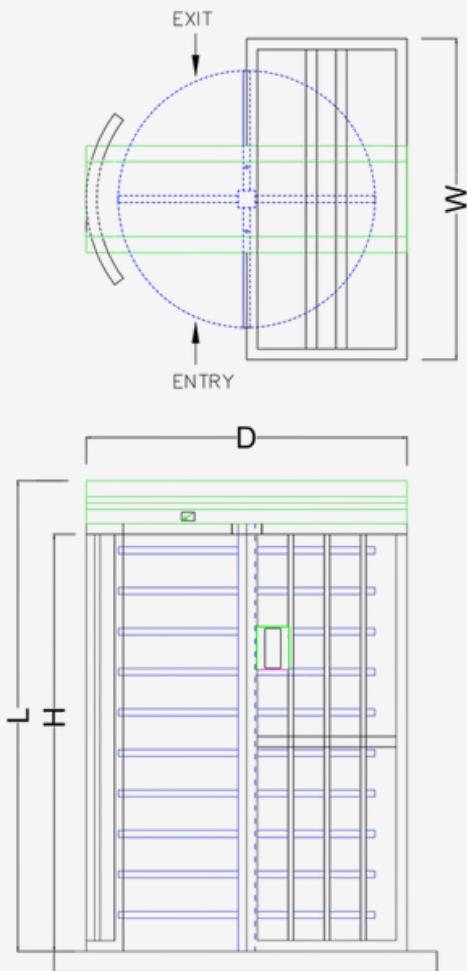
## Key Features

- 120° Rotor Design: Wider opening for smoother, faster passage while maintaining one-person-per-pass control.
- Durable Cabinet: Stainless-steel or powder-coated frame ensures long-lasting performance.
- Dual Drive Options: Motorized for seamless operation or electromechanical for heavy-duty, continuous use.
- Dual Lane Configuration: Optional two-lane setup for enhanced throughput.
- Access Control Ready: Compatible with RFID, biometric, QR, and face recognition systems.

## Benefits

- Comfortable and Secure User Passage
- Strong, Stable Construction
- High Throughput Capability
- Flexible Integration for All Environments

## TECHNICAL DIMENSIONS



## DESIGN FEATURES

- All stainless steel / powder-coated full-height structure.
- 120° rotor design for smooth and user-friendly passage.
- Dual drive options: motorized or electromechanical.
- LED indicators for entry direction and status.
- High-torque mechanism ensures stable movement.
- Dual-lane configuration option for high-traffic control.
- Multi-point locking system for enhanced security.
- Supports RFID, biometric, face, and QR authentication.
- Suitable for indoor or outdoor installations.
- Optional customized branding on side panels.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Width (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Rotor
VFHT200	2050 mm	650 mm	1500 mm	1600 mm	2300 mm	Motorized	Fail-Safe/ Fail-Lock	S.S. 304
VFHT201	2050 mm	650 mm	1500 mm	1600 mm	2300 mm	Electromechanical	Fail-Safe/ Fail-Lock	S.S. 304
VFHT200-D	2050 mm	650 mm	1500 mm	2500 mm	2300 mm	Motorized	Fail-Safe/ Fail-Lock	S.S. 304
VFHT201-D	2050 mm	650 mm	1500 mm	2500 mm	2300 mm	Electromechanical	Fail-Safe/ Fail-Lock	S.S. 304

# FULL HEIGHT TURNSTILE ACCESS ASSIST

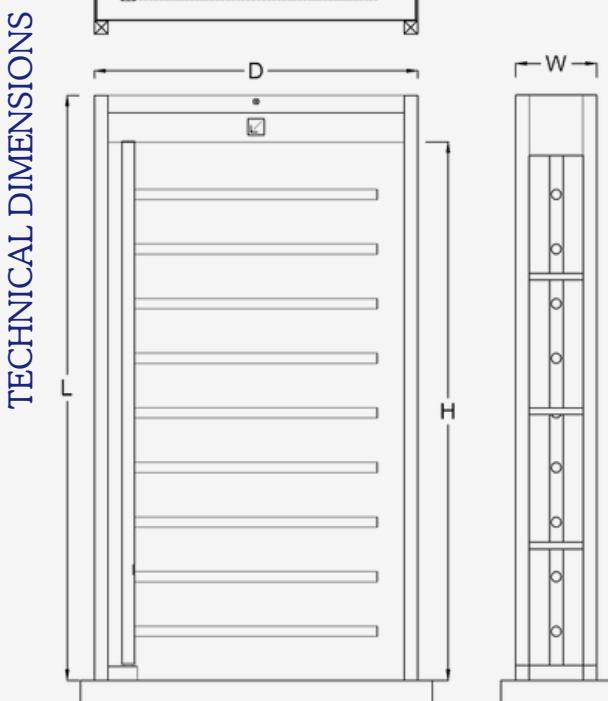
The ASSIST Series is a wide-access gate designed to provide safe, smooth, and controlled passage for wheelchair users, material handling, and authorized personnel. Built with modern engineering and precision mechanics, it complements high-security setups while maintaining a refined appearance. Available in both motorized and electromechanical drive options, the Assist Series offers flexibility, reliability, and durability across diverse installation environments.

## Key Features

- Wide-Clearance Design: Provides generous passage space for wheelchairs, trolleys, and material movement.
- Durable Frame: Constructed from stainless steel or powder-coated steel for long-term strength and corrosion resistance.
- Dual Drive Options: Motorized for effortless smooth motion or electromechanical for rugged, continuous operation.
- One-Way or Two-Way Operation: Configurable swing direction to match site requirements.
- Access Control Ready: Integrates with RFID, biometric, face, push-button, and emergency systems.

## Benefits

- Wide and Comfortable Access Passage
- Safe and Controlled Movement
- Strong, Long-Lasting Construction
- Highly Customizable Design and Finish
- Suitable for Indoor and Outdoor Environments



## DESIGN FEATURES

- All stainless steel / powder-coated structure with a premium finish.
- Wide-clearance design for wheelchair access and material handling.
- Available in motorized and electromechanical configurations.
- Smooth and stable swing motion for effortless passage.
- One-way or two-way operation modes as per site requirement.
- Compatible with RFID, biometric, face, and push-button controls.
- Integrated with access control or emergency systems.
- Highly customizable dimensions, swing angle, and finish options.
- Built for indoor and outdoor use with weather-resistant design.
- Optional custom branding or logo engraving on gate panels.

## FINISH OPTIONS

- RAL Colour\*  
(Powder Coating)
- Stainless-steel



	Passage height (H)*	Passage width (P)*	Width (W)*	Box width (D)*	Box lenght (L)*	Technologie	Features	Rotor
VA100	2100 mm	900/1200 mm	200/ 300 mm	1000/1300 mm	2300 mm	Motorized	Fail-Safe/ Fail-Lock	S.S. 304/ Powder Coated
VA101	2100 mm	900/1200 mm	200/ 300 mm	1000/1300 mm	2300 mm	Electromechanical	Fail-Safe/ Fail-Lock	S.S. 304/ Powder Coated



Full Height Turnstile VFHT200-A-Dual



Full Height Turnstile VFHT200-A-Dual



Full Height Turnstile VFHT101-A-Dual, Assist VA101-A



Full Height Turnstile VFHT101-C



Full Height Turnstile VFHT101-B



Full Height Turnstile VFHT101-B

# ADITIONAL EQUIPMENTS



## CARD READER

The **VCR** Series card drop mechanism is a dedicated card collection unit designed for secure and controlled access in visitor-driven or card-based entry systems. Installed beside any Vigrel access product — including Speedlane (Swing/Flap), Tripod Turnstiles, Full Height Turnstiles, Access Gates, or Single Arm Barriers — it ensures a smooth, reliable, and tamper-resistant card handover process. With a sleek vertical design, integrated LED guidance, and an optional motorised card drop function, the **VDX** Series enhances traffic management and simplifies card-based access in corporate, industrial, and high-security environments.



## FIXED RAILING STRUCTURE

The **VFR** series is designed to close open gaps around single access gates or tripod turnstiles, ensuring that pedestrians can only pass through the designated controlled entry point. Made from robust stainless steel or powder-coated sections, it provides a secure boundary while maintaining a clean, professional appearance. Ideal for receptions, industrial sites, commercial buildings, and any installation where controlled pedestrian flow is required.



## FIXED ACCESS GATE

The **VFA** series is a modern, streamlined alternative to traditional railings, designed to complete the controlled entry zone when installed alongside access gates or turnstiles. With its sleek, contemporary structure and premium finish options, it seamlessly blocks unused gaps while enhancing the overall aesthetic of the entrance area. Ideal for corporate lobbies, commercial buildings, and premium installations where both security and visual appeal are essential.



## **VIGREL SOLUTIONS**

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