

LEAPTOR®

Innovation | Technology | Solution



by Avians Innovations Technology Pvt. Ltd.

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TURNSTILES | BARRIERS

○ Tripods



S-121



S-148

○ Full Height Turnstiles



S-535



S-535/2

○ Barriers



S-348



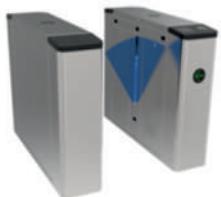
S-306



S-608



S-310



S-248



H-40



H-50



S-60

○ Access Control Systems



S-30



S-200



S-402



S-1000/2000

TURNSTILES



AUTHORISED & PERIPHERY CONTROL TO SECURED ENTRANCES

Turnstile, also called as baffle gate is a form of gate which allows one person to pass at a time. The unique design of turnstiles makes it easy to keep track who is arriving and leaving from the facilities. It can also be made so as to restrict one-way traffic of people, and in addition, it can restrict passage only to people who insert a coin, a ticket, a pass, or similar.

The 3-arm, tripod turnstile rotates an arm 120 degrees, enough to let one person pass, and then it locks. Turnstiles provide superior access control by both detecting and preventing unauthorized entries. A gate having projecting bars that can be rotated to allow one person at a time to pass through, often having a mechanism to allow passage in both direction.

When turnstiles are present, members can bypass the reception desk, walk up to the turnstile, present their credentials, and upon authorization, proceed through the turnstile.

If there are two or more turnstiles, the amount of traffic throughput is incredibly efficient compared to using reception staff to register members at the desk. Members will appreciate not having to wait, as most turnstiles can handle up to 35 people per minute.



CE

TRIPOD | PILLAR TYPE



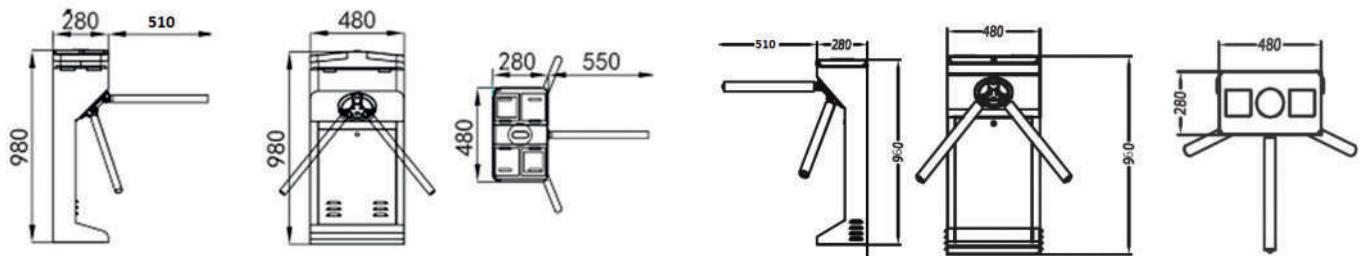
S-121

Size: 480(L) x 280(W) x 980(H) mm
Pass width: ≤ 550 mm



E-128

Size: 480(L) x 280(W) x 960(H) mm
Pass width: ≤ 550 mm

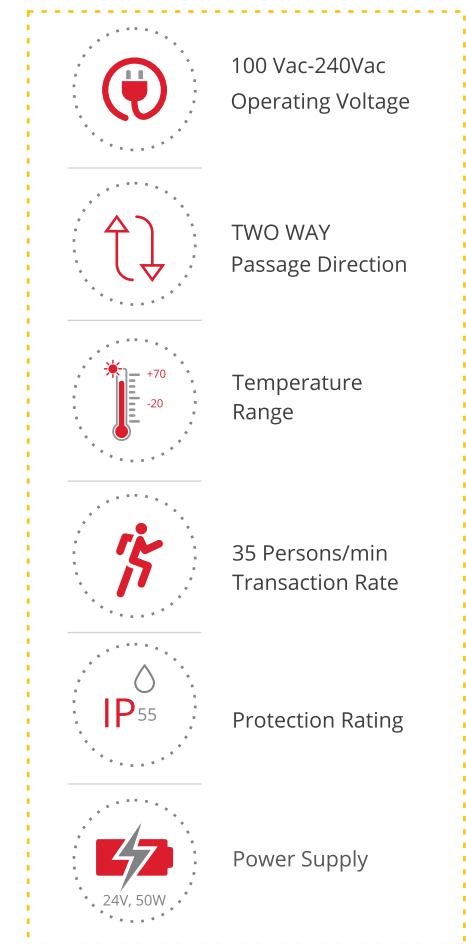


Design

Tripod Turnstiles with CE certification ensure only authorized users are allowed access to each area of application. The unique design of turnstiles makes it easy to keep track of pedestrians entering into a facility. Tripod turnstiles are popularly used when checking tickets at sports stadiums, amusement parks, and university facilities. Both models S-121 & E-128 are work in similar fashion with different aesthetics to suit the surrounding.

Features

- Housing and barrier arm made of splash proof SS 304.
- Durability with minimal maintenance means years and millions of trouble free passage.
- Unique arm dropping feature provides a fail-safe solution in case of emergency or power failure.
- Its stainless steel rugged construction ensures trouble free operation.
- Monitoring and counting the pedestrian pass through gate, automatic reset of barrier arms after each passage is also possible.
- Integration with any identification or access control system.
- It has a special feature of allowing one person at time to avoid tailgating.



TRIPOD | BRIDGE TYPE

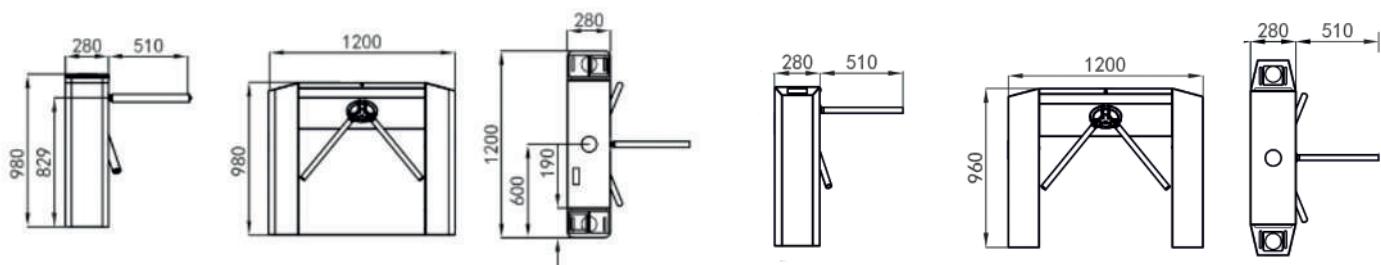
S-148

Size: 1200(L) x 280(W) x 980(H) mm
Pass width: ≤ 550 mm



E-142

Size: 1200(L) x 280(W) x 960(H) mm
Pass width: ≤ 550 mm

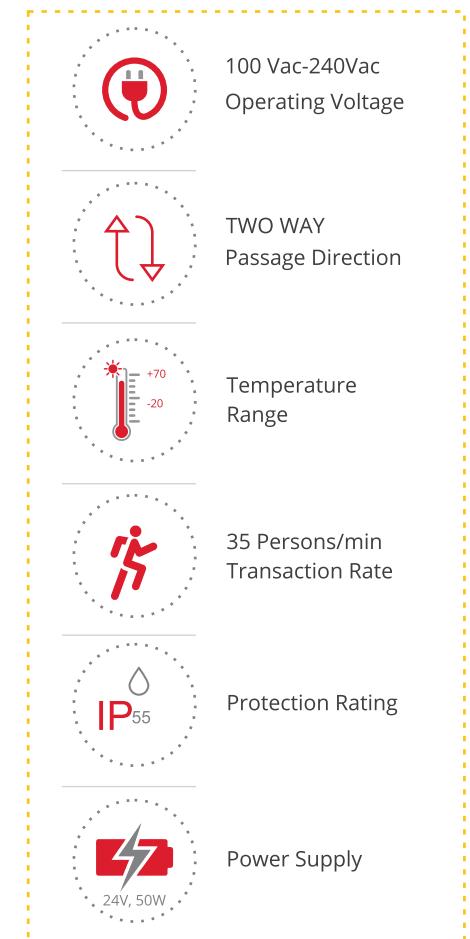


Design

Tripod Turnstiles with CE certification ensure only authorized users are allowed access to each area of application. The advantage to this type is people will not able to "jump over the turnstile" due to its construction, Hence It provides more security level. Both models S-148 & E-142 are work in similar fashion with different aesthetics to suit the surrounding.

Features

- Housing and barrier arm made of splash proof SS 304.
- SS Sleek and magnificent design used to control the pedestrian flow smoothly.
- The 3-arm, tripod turnstile rotates an arm 120 degrees, enough to let one person pass, and then it locks.
- It has a special feature of allowing one person at a time to avoid tailgating.
- Unique dropping arm feature provides a fail-safe solution in case of emergency or power failure. Automatic reset of barrier arms after each passage is also possible.



FULL HEIGHT TURNSTILES



PEDESTRIAN RESTRICTED ACCESS FOR HIGH SECURITY

LEAPTOR Full - height turnstiles is another type of pedestrian barriers. Largely these security doors are used for outdoor application within project of highest security. However indoor application option also be considered. The range of security gates includes both single and space saving double lane models. The turnstile is provided with bright inbuilt LED indicators to show if access is granted or denied.

These turnstiles are used in applications including stadiums and arenas, perimeter and interior security, recreation and amusement parks, retail crowd control, transit fare collection and lobby, factory entries.

These turnstiles can be integrated to various access control systems like card readers & Biometric. The rigid welded stainless steel construction of full height rotor turnstiles offers advanced reliability and vandal resistance.

Direction indication arrows are provided for easy access and the wings are automatically getting reset after each pass.

Full Height Turnstiles are used for bi-directional access control applications and have passage frequency range of up to 35 people per minute. Full height turnstiles come with a sealed motorized drive which provides greater reliability, lower maintenance and faster throughput than the traditional mechanical units.



CE

FULL HEIGHT TURNSTILE | SINGLE LANE



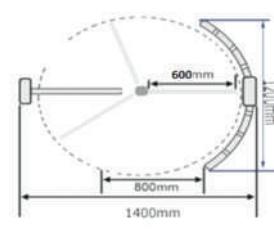
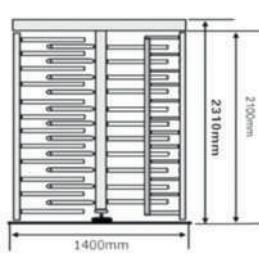
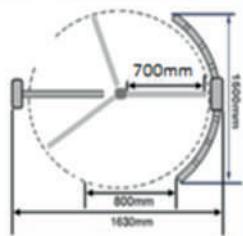
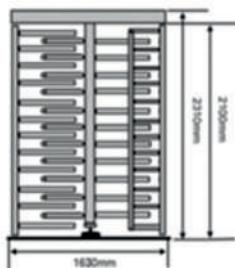
S-535

Size: 1630(L) x 1500(W) x 2310(H) mm
Pass width: ≤ 700mm



E-538

Size: 1400(L) x 1200(W) x 2310(H) mm
Pass width: ≤ 600mm



Design

Full Height Turnstiles with CE certification ensure only authorized users are allowed access to each area of application. The unique design of turnstiles makes it easy to keep track of pedestrians at heavy traffic area that entering into a facility. These are installed away from the main gate to barricade the entrance with surrounding grills. Both models S-535 & E-538 are work in similar fashion with different aesthetics to suit the surrounding.

Features

- Housing and barrier arm made of splash proof SS 304.
- Reliable, easy to use, and durable turnstile.
- Its stainless steel rugged construction ensures trouble free and triggered operation.
- Anti backup device prevents reverse rotation once the head has moved 30 degree from rest position.
- Direction indication arrows are provided for easy access and the wings are automatically getting reset after each pass.
- Lane indicating top arrows make easy to understand quickly which lane is in use.
- Can be integrated with access cards/bio-metric readers to control & monitor pedestrian flow.
- In case of power failure can be operated manually.

	100 Vac-240Vac Operating Voltage
	TWO WAY Passage Direction
	Temperature Range +70 -20
	35 Persons/min Transaction Rate
	IP55 Protection Rating
	24V, 50W Power Supply

FULL HEIGHT TURNSTILE | DUAL LANE



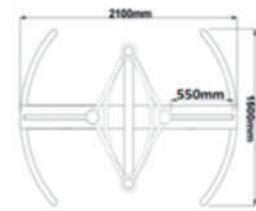
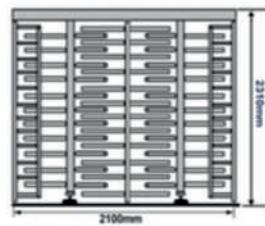
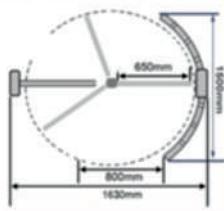
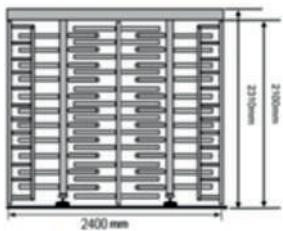
S-535/2

Size: 2400(L) x 1500(W) x 2310(H) mm
Pass width: ≤ 650 mm



E-538/2

Size: 2100(L) x 1500(W) x 2310(H) mm
Pass width: ≤ 550mm



Design

Dual lane full height turnstile used for independent passage entry to secure the passage where the high volume of people passing through, especially mega-events. These are designed for complete and secure closure of the passageway and used for control of access at locations with high-security requirements like Nuclear power plants, Defence, Ordnance depots, Oil refineries, Parking entry from basement for high rise buildings. Both models S-535/2 & E-538/2 are work in similar fashion with different aesthetics to suit the surrounding.

Features

- Housing and barrier arm made of splash proof SS 304.
- The rotor, top cover and the cage are rugged construction of SS which provides strength as well good aesthetics to the entrance.
- Self centering mechanism to ensure complete rotation of the head to the rest position.
- It provides Bi - directional passage control feature.
- Lane indicating top arrows make easy to understand quickly which lane is in use.
- Can be integrated with access cards/bio-metric readers to control & monitor pedestrian flow.
- In case of power failure can be operated manually.

	100 Vac-240Vac Operating Voltage
	TWO WAY Passage Direction
	Temperature Range
	35 Persons/min Transaction Rate
	Protection Rating
	Power Supply 24V, 50W

SWING BARRIERS



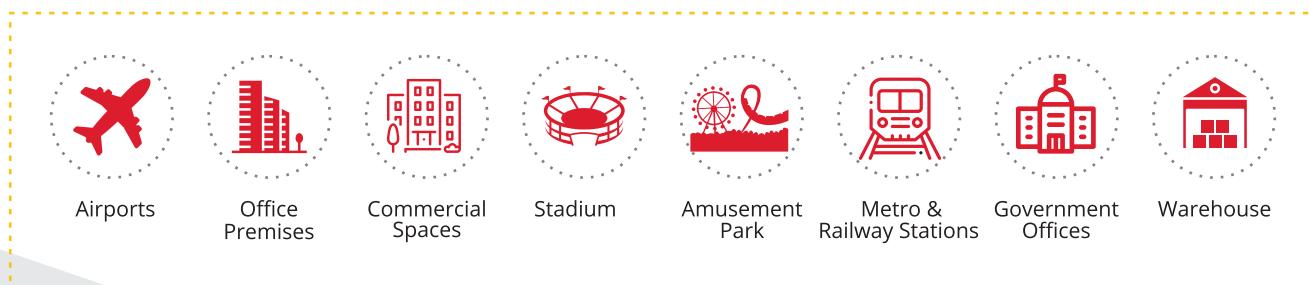
SPACE EFFICIENT SECURITY SOLUTIONS

LEAPTOR Swing Type Barrier is the best offered product for pedestrian control at most affordable prices. These are space efficient security barriers with compact design yet offers sufficient space to integrate any access control system. The range of security gates includes both single and space saving double lane models. These CE certified barriers are used in application including stadiums and arenas, perimeter and interior security, recreation and amusement parks, , airports, corporate houses, VIP entries, retail crowd control, transit fair collection and lobby access control.

The acrylic flaps give aesthetics as well as rugged construction, being SS barrier. It possesses superiority incomparable with the traditional management mode. Whether on the control of right of passenger for passing, or on tolling, attendant or counting of the passenger, there will be a great deal of man power and material, a lot of spending, a large amount of work and a very low efficiency resulted with the traditional management mode. However, it is the strong merit point of the intelligent passage management product to solve the problems of this kind.

P Type Gate is an alternative solution for pedestrian entries wherein trolley movements, material handling or wheel chair access is required. The design of tripod turnstiles or the normal lane flap barriers fails to serve the above cases and hence the P gates are commonly used where high throughput is required.

The P gates provide secured access to trolleys, carts, handicap wheelchair entries in minimal space. The elegant design makes it suitable for lobby entrances & offers a low to mid-level security. It is the scientific crystallization of the highly development of social civilization and it opens new era for the scientific management.



CE

SWING BARRIER | SINGLE LANE



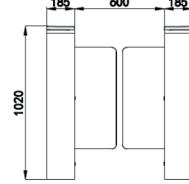
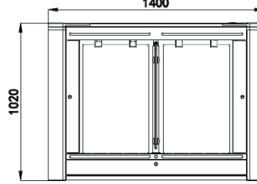
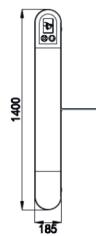
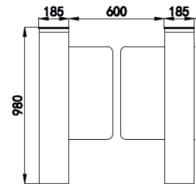
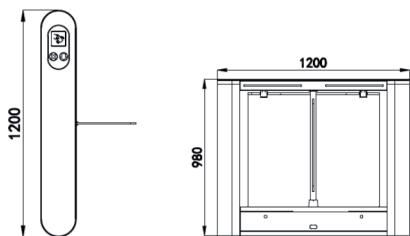
H-301

Size: 1200(L) X 185(W) X 980(H)mm
Pass width: ≤ 600mm



S-306

Size: 1400(L) X 185(W) X 1020(H)mm
Pass width: ≤ 600mm



Design

Thanks to the quick swing motion of the door wings and the integrated authorization memory, the speed lane maintains a high capacity roll out of 35 people per minute. The unique swing arm feature provides a failsafe safety solution in case of emergency or power failure, providing egress in case of crisis evacuations. Both models H-301 & S-306 swing barriers are work in similar fashion with different aesthetics to suit the surrounding. It is a domain that forms the gateway to a visitor's destination, to manage human traffic in both directions.

Features

- Housing is of splash proof stainless steel 304 & flaps are specially designed of acrylic sheets which provide good aesthetics and much strength.
- Easy to deal with peak and normal use.
- Straight forward to install, easy to understand and simple to maintain.
- Precise positioning of flaps features to ensure correct position after long use or disturbance.
- Anti-tailgating-it allows only one person to pass for an authorized card presented.
- Anti-panic-when power off, the barrier will open for people to go through.
- Card reading memory function-the user can set multiple time cards reading passing or single time card reading passing.

	100 Vac-240Vac Operating Voltage
	TWO WAY Passage Direction
	Temperature Range
	35 Persons/min Transaction Rate
	Protection Rating IP55
	Power Supply H-301(24V, 150W) S-306 (24V, 120W)

SWING BARRIER | DUAL LANE



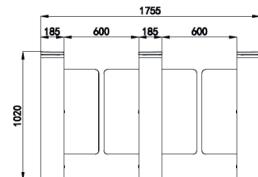
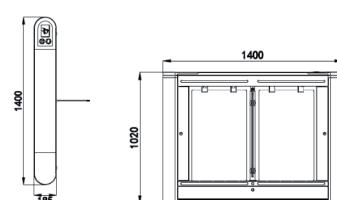
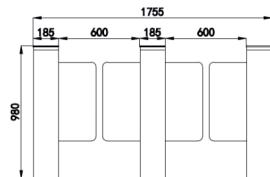
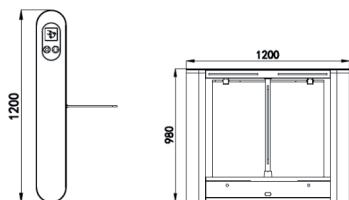
H-301/2

Size: 1200(L) X 185(W) X 980(H)mm
Pass width: ≤ 600mm



S-306/2

Size: 1400(L) X 185(W) X 1020(H)mm
Pass width: ≤ 600mm



Design

Both models H-301/2 & S-306/2 Swing barriers are work in similar fashion with different aesthetics to suit the surrounding. Dual lane operation for independent passage entry to secure the passage where the high volume of people passing through, especially mega-events. It is a domain that forms the gateway to a visitor's destination, to manage human traffic in both directions. It has a special feature of allowing one person at a time through each lane to avoid tailgating.

Features

- Housing is of splash proof stainless steel 304 & flaps are specially designed of acrylic sheets which provide good aesthetics and much strength.
- Sleek and magnificent design used to control the pedestrian flow smoothly.
- Durability with minimal maintenance means years and millions of trouble free passages.
- The barrier gate can be set to delay closing in 1 – 60 sec after a valid card closing.
- Double anti clipping function, photocell anti clipping and mechanical anti clipping.
- Anti-tailgating-it allows only one person to pass for an authorized card presented.
- Arrows for direction indication are provided at the top for easy access.
- With in – built sensors crawling can be avoided.

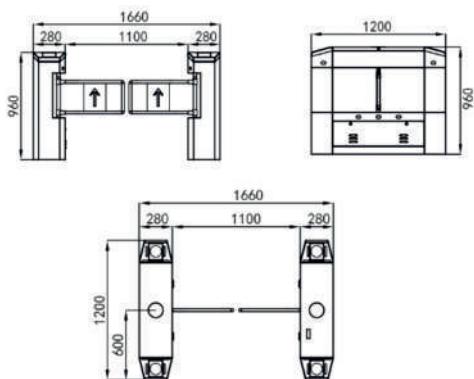


SWING BARRIER | SINGLE LANE



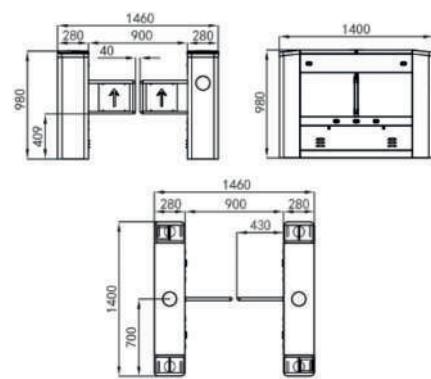
E-343

Size: 1200(L) x 280(W) x 960(H) mm
Pass width: ≤ 900/1100 mm



S-348

Size: 1400(L) x 280(W) x 980(H) mm
Pass width: ≤ 900 mm

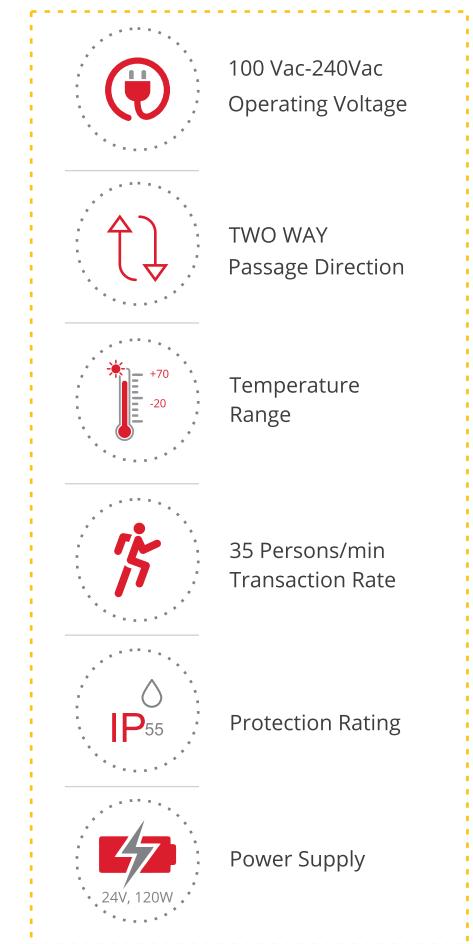


Design

CE certified barriers are the best suited products for pedestrian control in affordable price. Using swing barrier is a popular choice when checking tickets at sports stadiums, amusement parks, and university facilities. Metallic flaps give aesthetics as well as rugged construction, being SS barrier. These barriers paired with different access control systems like finger print access controller, face reader as well as card readers.

Features

- Housing & metallic arms are made of splash proof SS 304.
- Ideal for wide variety of pedestrian access.
- The barrier gate can be set to delay closing in 1 – 60 sec after a valid card closing.
- Double anti clipping function, photocell anti clipping and mechanical anti clipping.
- The metallic flaps are specially design to prevent the passengers getting harmed passing cross.
- Auto reset function i.e if no passage during identified card reading time, the system reset automatically the passenger are prohibited to pass until their second identified reading.



SWING BARRIER | DUAL LANE



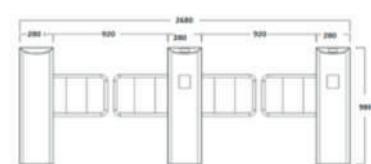
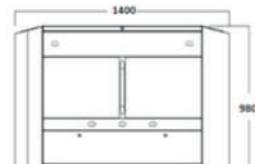
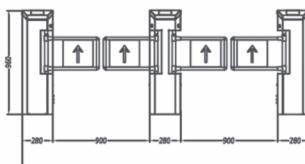
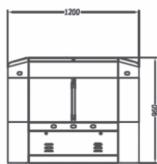
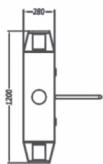
E-343/2

Size: 1200(L) x 280(W) x 960(H) mm
Pass width: ≤ 900/1100 mm



S-348/2

Size: 1400(L) x 280(W) x 980(H) mm
Pass width: ≤ 900 mm



Design

CE certified barriers are the best suited products for pedestrian control at very affordable price. Using swing barrier is a popular choice when checking tickets at sports stadiums, amusement parks, and university facilities. Metallic flaps give aesthetics as well as rugged construction, being SS barrier. These barriers can be integrated with different access control systems like biometric access controller, face recognition reader as well as card readers.

Features

- Housing & metallic arms are made of splash proof SS 304.
- The barrier gate can be set to delay closing in 1 – 60 sec after a valid card closing.
- Double anti clipping function, photocell anti clipping and mechanical anti clipping.
- Anti-tailgating-it allows only one person to pass for an authorized card presented.
- Durability with minimal maintenance means years and millions of trouble free passages.
- The metallic flaps are specially design to prevent the passengers getting harmed passing cross.
- Auto reset function- if no passage during identified card reading time, the system reset automatically the passenger are prohibited to pass until their second identified reading.
- Arrows for direction indication are provided at the top for easy access.

	100 Vac-240Vac Operating Voltage
	TWO WAY Passage Direction
	Temperature Range +70°C to -20°C
	35 Persons/min Transaction Rate
	IP55 Protection Rating
	24V, 120W Power Supply

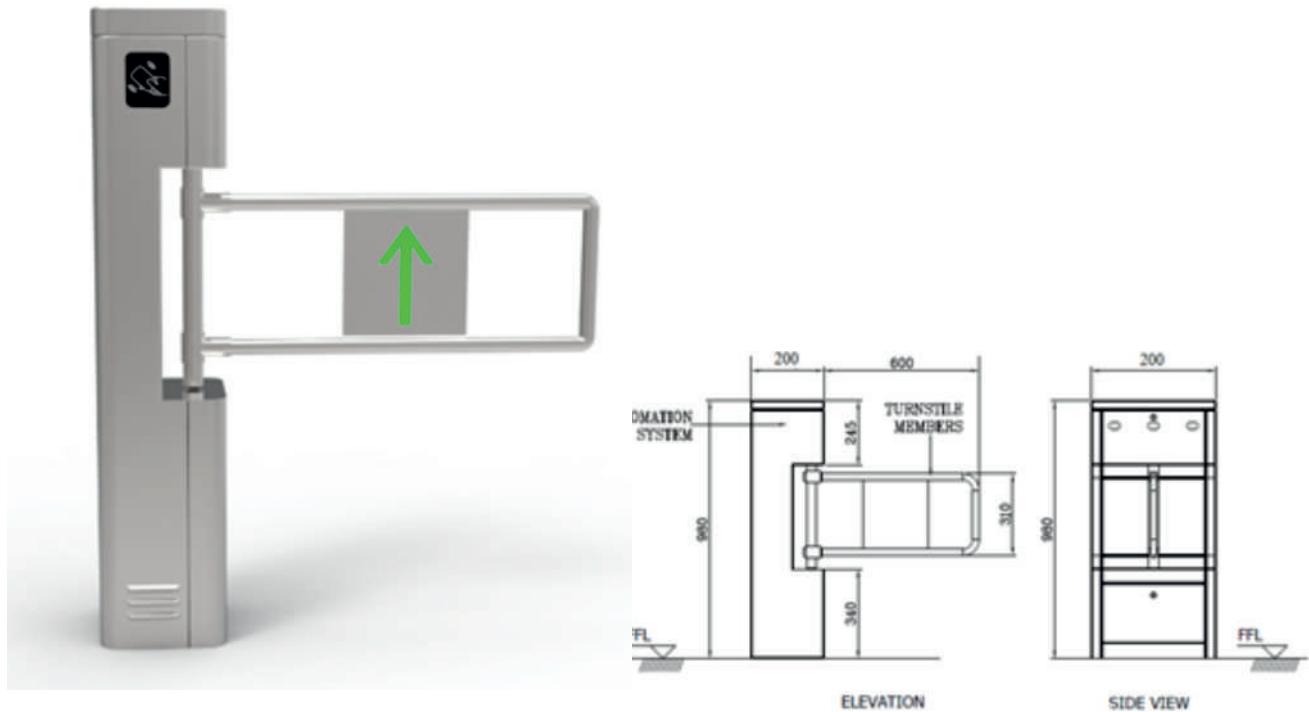
P TYPE SWING BARRIER



S-310

Size: Excluding Bar: 200(L) x 200(W) x 980(H) mm

Pass width: ≤ 600 mm

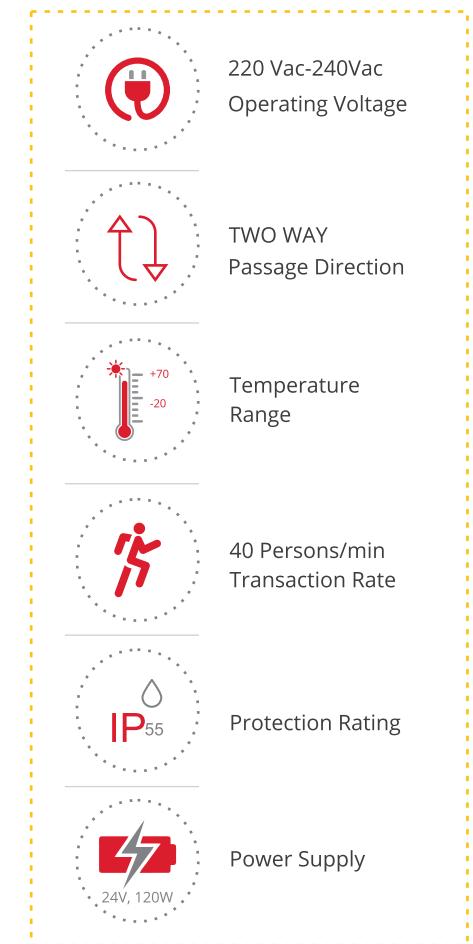


Design

P Type Gate is an alternative solution for pedestrian entries wherein trolley movements, material handling or wheel chair access is required. The P gates provide secured access to trolleys, carts, handicap wheelchair entries in minimal space. The elegant design makes it suitable for lobby entrances & offers a low to mid-level security.

Features

- Housing & metallic flap is made of splash proof SS 304.
- Works with any access control or remote switch.
- Electromechanical drive mechanism.
- Ability to integrate with all access controls & readers.
- Designed for secured & reliable operation with aesthetics in mind.
- Auto reset function on, if no passing during identified card reading time, the system will reset automatically the passengers are prohibited to pass until their second identified reading.
- The barrier can be set to delay closing in 1-60s after a valid card reading.
- Bi-directional operational control.
- Solution for pedestrian entries wherein trolley movements, material handling or disabled access is required.



SLIDING BARRIER | SINGLE / DUAL LANE



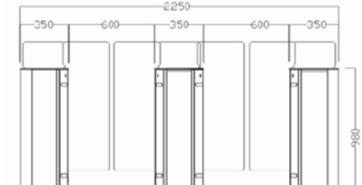
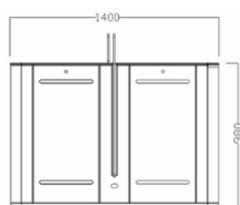
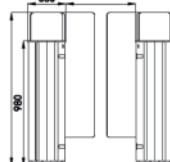
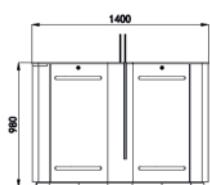
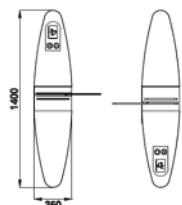
S-608

Size: 1400(L) x 350(W) x 980(H) mm
Pass width: ≤ 600 mm



S-608/2

Size: 1400(L) x 350(W) x 980(H) mm
Pass width: ≤ 600 mm



Design

Sliding gate barriers are sleek magnificently designed used to control the pedestrian flow smoothly to work in a normally closed mode and retract inside the pedestal after a valid card has been presented to allow the authorized user to pass. Flaps are specially designed of acrylic sheets which provide good aesthetics and much strength. The sliding barrier design comes under single as well as dual lane. Dual lane operation for independent passage entry to secure the passage where the high volume of people passing through. It is a domain that forms the gateway to a visitor's destination, to manage human traffic in both directions.

Features

- Housing is of splash proof stainless steel 304 & flaps are specially designed of acrylic sheets which provide good aesthetics and much strength.
- The unique sliding arm feature provides a failsafe safety solution in case of emergency or power failure, providing egress in case of crisis evacuations.
- Durability with minimal maintenance means years and millions of trouble free passages.
- Anti-punch-the barrier will not close if it detects people inside the passageway.
- Anti-tailgating-it allows only one person to pass for an authorized card presented.
- Anti-panic-when power off, the barrier will open for people to go through.
- Card reading memory function-the user can set multiple time cards reading passing or single time card reading passing.
- Failure detection and alarm functions.

	100 Vac-240Vac Operating Voltage
	TWO WAY Passage Direction
	Temperature Range
	35 Persons/min Transaction Rate
	IP55 Protection Rating
	24V, 120W Power Supply

FLAP BARRIERS



SPEED GATES FOR PUBLIC PASSING

Flap barriers are also termed as speed gates which are used for people access control in public passages. The range of security gates includes both single and space saving double lane models. The mechanical part of the flap barrier contains an emergency control device, which allows automatic opening of the two wings in case of power failure, when power supply is resumed, the two wings will be reset automatically.

The high speed flaps ensure a rapid throughput of pedestrians and multiple sensors provide safe and secure access.

The mechanism is enclosed in a 304 stainless steel case. However, it is the strong merit point of the intelligent passage management product to solve the problems of this kind.

The Flap Barrier offers the best space-saving solution amongst the pedestrian barrier series. It is designed intelligently with compactness, slim housing and light materials, giving a contemporary appearance with superior security and grants efficient use of space.



Airports



Office Premises



Commercial Spaces



Stadium



Amusement Park



Metro & Railway stations



Warehouse



FLAP BARRIER | SINGLE LANE



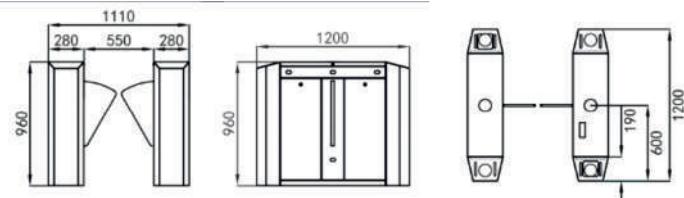
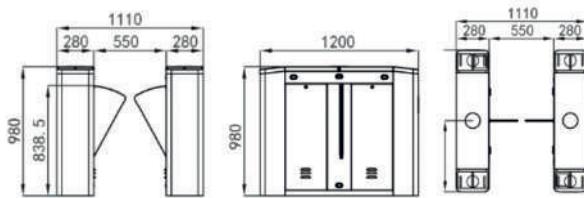
S-248

Size: 1200(L) x 280(W) x 980(H) mm
Pass width: ≤ 550 mm



E-242

Size: 1200(L) x 280(W) x 960(H) mm
Pass width: ≤ 550 mm



Design

The range of security gates includes both single and multiple lane space saving models. These CE certified barriers are the best suited product for pedestrian to match high quality interiors at premium places. Single lane flap barrier is a domain that forms the gateway to a visitor's destination, to manage human traffic. This requires a system that allows some users to pass through directly but directs others in another direction.

Features

- Housing is of splash proof stainless steel 304 & flaps are specially designed of acrylic sheets which provide good aesthetics and much strength.
- Ideal for wide variety of pedestrian access.
- Can be integrated with access cards/bio-metric readers to control & monitor pedestrian flow.
- Flap retracts automatically at parking position during emergencies and power failure to safe & quick access to human being.
- Recommended for heavy passage with flow & gateway for outsider entry.
- Direction indication LED arrows for quick access of direction.
- Auto reset function-if no passage during identified card reading time, the system reset automatically the passengers are prohibited to pass until their second identified reading.

100 Vac-240Vac
Operating Voltage

TWO WAY
Passage Direction

Temperature Range

35 Persons/min
Transaction Rate

IP55
Protection Rating

24V, 120W
Power Supply

FLAP BARRIER | DUAL LANE



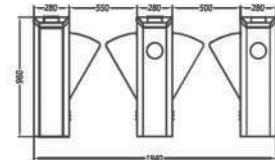
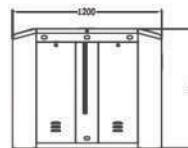
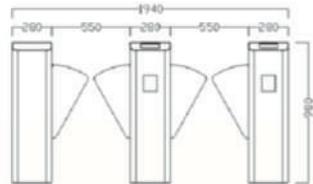
S-248/2

Size: 1200(L) x 280(W) x 980(H) mm
Pass width: ≤ 550 mm



E-242/2

Size: 1200(L) x 280(W) x 960(H) mm
Pass width: ≤ 550 mm



Design

The range of security gates includes both single and multiple lane space saving models. These CE certified barriers are the best suited product for pedestrian to match high quality interiors at premium places. Single lane flap barrier is a domain that forms the gateway to a visitor's destination, to manage human traffic. This requires a system that allows some users to pass through directly but directs others in another direction.

Features

- Housing is of splash proof stainless steel 304 & flaps are specially designed of acrylic sheets which provide good aesthetics and much strength.
- Sleek and magnificent design used to control the pedestrian flow smoothly.
- Ideal for wide variety of pedestrian access.
- Can be integrated with access cards/biometric readers to control & monitor pedestrian flow.
- Work together with single core to build multiple lanes.
- It gives highest security, with in - built sensors crawling can be avoided.
- Flap retracts automatically at parking position during emergencies and power failure to safe & quick access to human being.
- The barrier gate can be set to delay closing in 1 – 60 sec after a valid card closing.
- Monitoring and counting the pedestrian pass through barrier is possible by system incorporation.
- Direction indication LED arrows for quick access of direction.

	100 Vac-240Vac Operating Voltage
	TWO WAY Passage Direction
	Temperature Range +70°C to -20°C
	35 Persons/min Transaction Rate
	IP55 Protection Rating
	24V, 120W Power Supply

FLAP BARRIER | SINGLE/ DUAL LANE



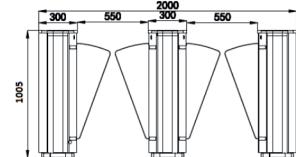
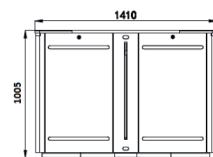
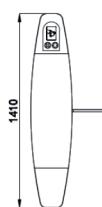
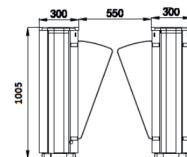
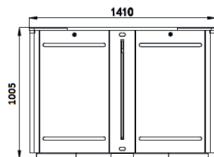
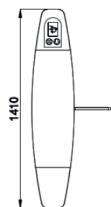
H-221

Size: 1410(L) x 300(W) x 1005(H) mm
Pass width: ≤ 550 mm



H-221/2

Size: 1410(L) x 300(W) x 1005(H) mm
Pass width: ≤ 550 mm



Design

Flap Barrier offers the best space-saving solution amongst the pedestrian barrier series. It is designed intelligently around compactness, slim housing and light materials, giving a contemporary appearance with superior security and grants efficient use of space. The range of security gates includes both single and space saving double lane models. These CE certified H-221 & H-221/2 barriers are the best suited product for pedestrian control in affordable price.

Features

- Housing is of splash proof SS 304 & flaps are of acrylic.
- Durability with minimal maintenance means years and millions of trouble free passages.
- Under cover LED lights and LED strips on flaps.
- The barrier gate can be set to delay closing in 1 – 60 sec after a valid card closing.
- Double anti clipping function, photocell anti clipping and mechanical anti clipping.
- Monitoring and counting the pedestrian pass through barrier is possible by system incorporation.
- Auto reset function-if no passage during identified card reading time, the system reset automatically the passengers are prohibited to pass until their second identified reading.
- Option available without LED lights in flaps.

	100 Vac-240Vac Operating Voltage
	TWO WAY Passage Direction
	Temperature Range
	35 Persons/min Transaction Rate
	IP55 Protection Rating
	24V, 120W Power Supply

ACCESSORIES



| Flashing lamp
with Buzzer



| Flashing Lamp



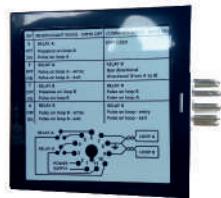
| Safety Photocell



| Key Switch



| Remote control
with Receiver.



| Loop Detector



| Boom Rest Stand



| Access Control Card



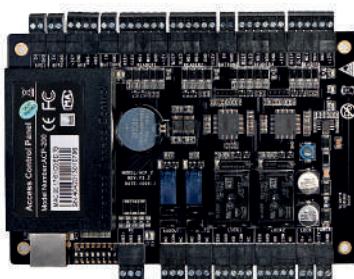
ACCESS CONTROL SYSTEMS

LEAPTOR access control management system is a new modernized security management system which is an effective measure for security and protection management. It is mainly used to manage entrance and exits of important places. It is versatile design features take care of present and future needs with ease and efficiency. Data can be easily stored in the back up data management system. In case of biometric identification, such readers output the ID number of a user. Typically, Wiegand protocol is used for transmitting data to the control panel. In case of biometric identification, such readers output the ID number of a user. Typically, the access controllers are appropriate for environments with high security requirements. Our access controller series comes with expanded storage capacity and more security features.

BIOMETRIC ACCESS CONTROL KIT



S-200

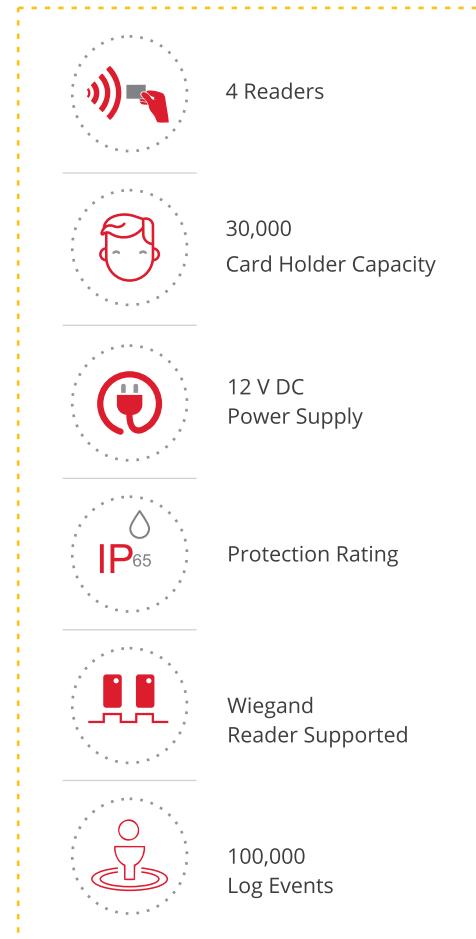


Design

Access control system is a newly modernized management system which is an effective measure for security and protection purpose. S-200 provides four readers, which can be connected in the two door two way mode. It is one of the most rugged and reliable controllers on the market, with a multitude of built-in features.

Features

- Through the external Wi-Fi module, the controllers can entry the structured Network easily. With its password verification, the system provides the best available wireless data security.
- Only card access is possible with this controller.
- It's a 2 door controller i.e., two entry and two exit.
- Data is preserved in case of power failure.
- Controller continues to operate if network connection is interrupted due to power failure.
- Anti-Pass back, First-Card Opening, Multi-Card Opening, Duress Password Entry, are built into controller which makes it advanced access control system.
- Read range of up to 10cm for proximity card and 5cm for Mifare card.
- External LED and buzzer control with reverse polarity protection.



S-400



Design

Access control system is a newly modernized management system which is an effective measure for security and protection purpose. S-400 provides eight readers, which can be connected in the two door two way mode. It is one of the most rugged and reliable controllers on the market, with a multitude of built-in features.

Features

- Anti-Pass back, First-Card Opening, Multi-Card Opening, Duress Password Entry, are built into controller which makes it advanced access control system.
- It's a 4 door controller i.e., four entry and four exit.
- It offers the function of capturing and transferring fingerprint samples to access control panel.
- Through the external Wi-Fi module, the controllers can entry the structured Network easily. With its password verification, the system provides the best available wireless data security.
- It supports any Wiegand-output reader, including HID Prox, I Class, and Xceed ID Multi-technology.
- Easy to install and support both TCP/IP.
- Only card access is possible with this controller.
- Data is preserved in case of power failure and controller continues to operate if network connection is interrupted due to power failure.
- Read range of up to 10cm for proximity card and 5cm for Mifare card.
- External LED and buzzer control with reverse polarity protection.
- Protection rating: IP 65.





S-260



Design

S-260/S-460, is a project oriented standard product with unique features such as implant fingerprint verification and advanced access control functions, which can be managed by TCP/IP communication through LAN or WAN networks.

Features

- It's a 2 door controller i.e. two entry and two exit.
- Finger print as well as card access is possible in this controller.
- Anti-pass back, First-card opening, Multi-card opening, Duress password entry, are built into controller which makes it advanced access control system.
- It offers the function of capturing and transferring fingerprint samples to access control panel.
- Auto-discovery tool allows setting and modification of network parameters easily.
- Data is preserved if power is lost and controller continues to operate if network connection is interrupted due to power failure.
- Protection rating: IP65.



3000
Fingerprint Capacity



30,000
Card Holder Capacity



Temperature
Range



12 V DC
Power Supply



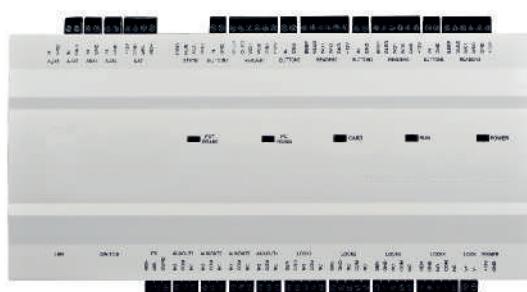
Protection Rating



100,000
Log Events



S-460



Features

- It's a 4 door controller i.e. four entry and four exit.
- Finger print as well as card access is possible in this controller.
- Anti-Pass back, First-Card Opening, Multi-Card Opening, Duress Password Entry, are built into controller which makes it advanced access control system.
- It offers the function of capturing and transferring fingerprint samples to access control panel.
- Protection rating: IP65.



3000
Fingerprint Capacity



30,000
Card Holder Capacity



Temperature
Range



12 V DC
Power Supply



Protection Rating



100,000
Log Events

FACE IDENTIFICATION DEVICE

LEAPTOR latest S face402 hardware platform and algorithm, it offers brand new UI and user-friendly operation interface to provide smooth user experience. With advanced face algorithm and multi-biometric verification technology, the terminal's security level of verification is significantly enhanced.

S-402

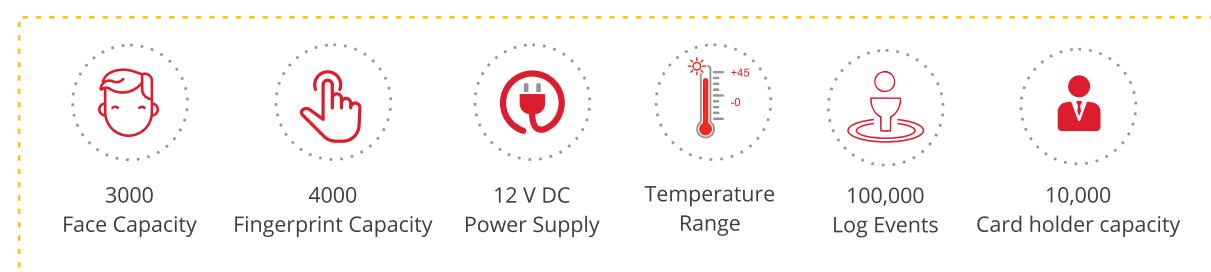


Design

A face recognition device will scan and verify the face within a second. If the system registers a match, then it automatically stores the attendance. Face recognition device is a clear cut method for cost cutting by eliminating proxy punching. Face recognition is based on 'No Touch' technology. This makes them less prone to physical damage.

Features

- 1,200 face and 2,000 fingerprint templates.
- Multi-language.
- High verification speed.
- Advanced and user-friendly UI.
- Optional built-in battery backup, providing approximately 4 hours of continuous operation.
- New Framework firmware, easy to extend functions and customize client's requirements.
- One face template is registered for one user only.
- Able to detect whether the face is an actual face or a photo, enhancing the security level of verification.



ACCESS CONTROL KIT FOR BOOM BARRIER

RFID Wiegand Reader.

S -1000/2000

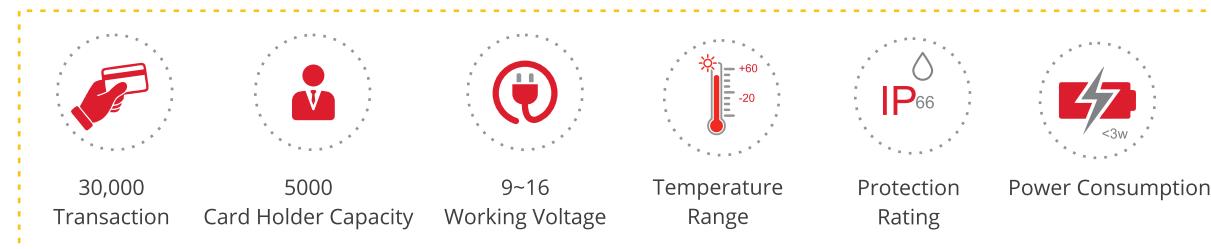


Design

RFID reader is an RFID long-range proximity card reader which can simultaneously read multiple passive UHF tags at ranges up to 12m. S-1000 and S2000 are long distance RFID access control machines works in similar fashion which integrate functions of UHF readers and controllers. They have obtained IP66 protection level certification and are suitable for outdoor use. With outstanding long distance identification capability, the machine can be used for long distance fixed vehicle access management

Features

- Read range up to 12 meters which is adjustable.
- Read Sensitivity is dual polarization read mode.
- Wiegand 26-Bit and is changeable to 34-Bit via software.
- Two working mode Trigger read & Always read.
- Comes with the mounting plate and cable.
- Long Reading Distance.
- Access Control Function.



BOOM BARRIERS



SECURED CONTROLLED ACCESS FOR PREMISES

A boom barrier, also known as a boom gate, is a bar, or pole pivoted to allow the boom to block vehicular access through a controlled point. Typically the tip of a boom gate rises in a vertical arc to a near vertical position. Boom gates are spring balanced so the pole is easily tipped. Boom gates are often paired either end to end, or offset appropriately to block traffic in both directions. These electro-mechanical devices come with 24V DC drive units which can run continuously without generating heat, so electro-mechanical boom barriers can be operated continuously and in an intensive duty cycle.



Boom gates are typically found at level crossings, drawbridges, parking facilities, checkpoints and entrances to restricted areas. Automatic boom barriers offer efficient security at exit and entry points of factories, office complexes, condominiums, parking lots, toll plazas, or any roadway entry where medium to heavy traffic is expected. The boom barrier is aesthetically designed with sleek and modern looks.



Automatic boom barriers provide practical and cost effective traffic management solutions. Automatic boom barriers are reliable require little maintenance and can interface with any access control systems. Designed for 24X7 operations at very high traffic solutions.



Parking Lot



Office Premises



Commercial Spaces



Amusement Park



Residential Spaces



Warehouse



Toll Booth



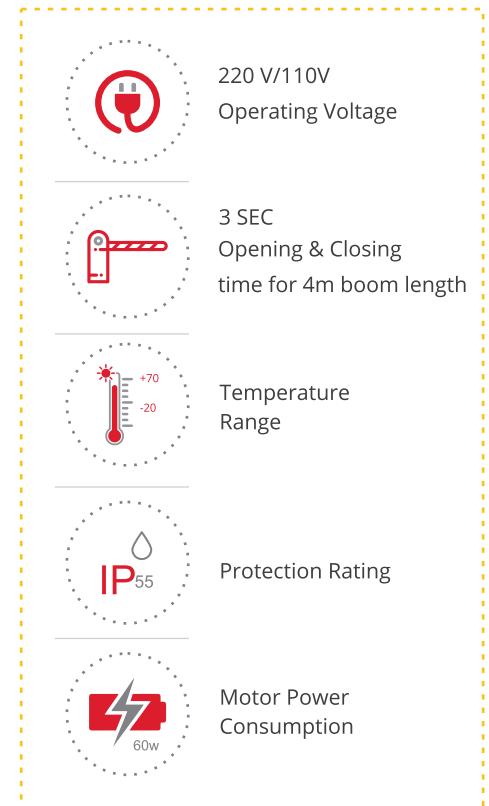
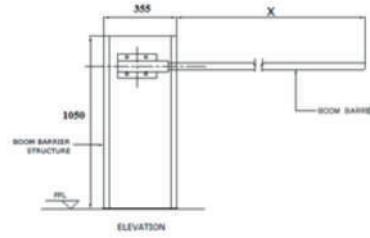
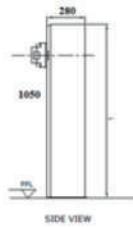
Exhibition Centers



STRAIGHT BOOM BARRIER



H-40



Design

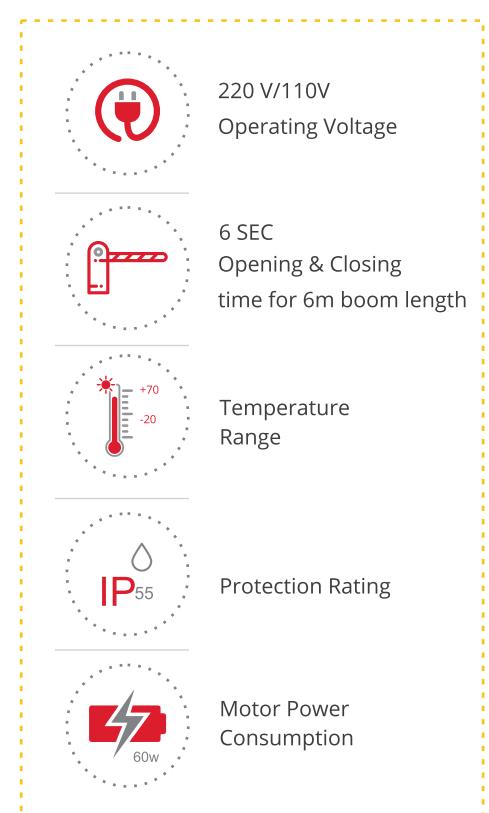
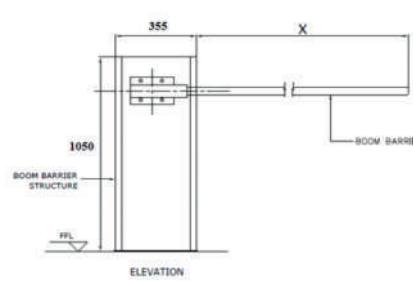
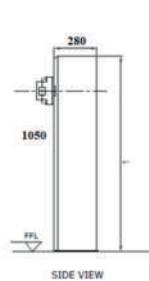
CE certified Boom barrier is the most functional and attractive solution for controlling public and private vehicle transit and access to rest areas, even with high traffic volumes. The H-40/H-60 barrier are designed and manufactured with casting process so the parts are more accurate and hence the barrier gate is more stable.

Features

- High performance, reliable and durable boom barriers.
- Heavy duty powder coated steel casing and aluminium extruded boom profile.
- The casing has in built motor cooling fins to avoid the overheating possibility.
- A LED light on boom is provided optionally which adds aesthetics and safety of boom barrier in dark.
- Reflective strips are wounded across the boom for highlighting sudden drops or rises of boom for high visibility purpose.
- Can be integrated with car wind shield tag as access control.
- Max-min size of boom available is 2-6m.

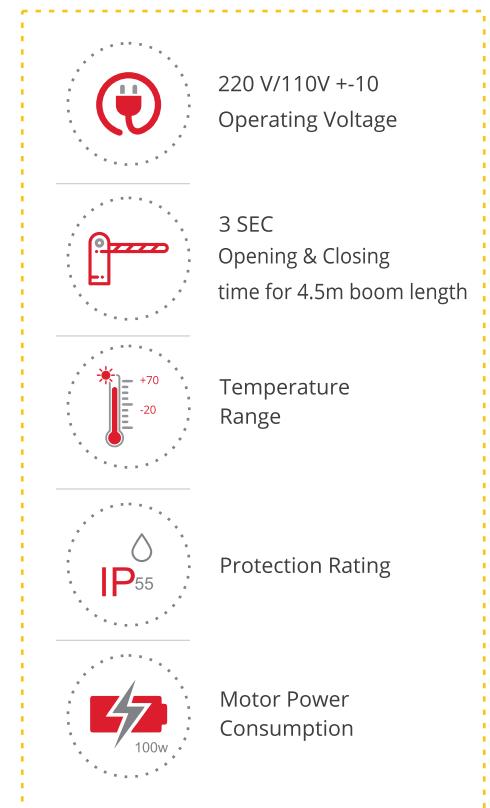
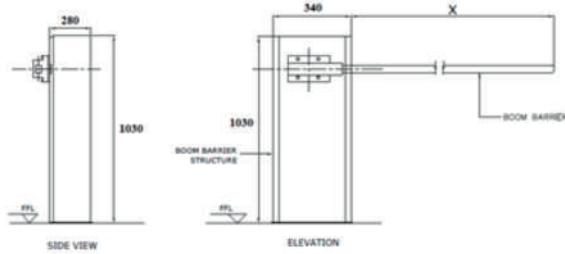


H-60





S-45



Design

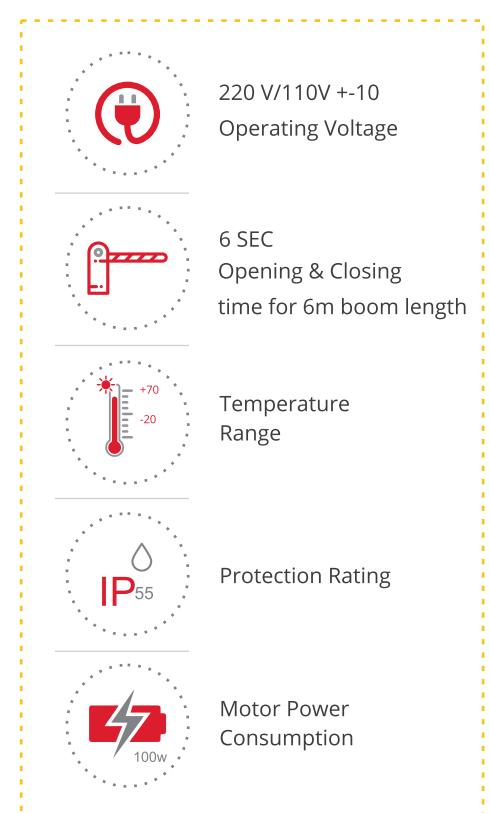
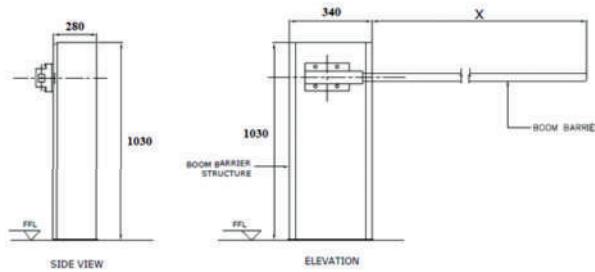
Boom barrier is the most economical and attractive solution for controlling public and private vehicle transit and access to rest areas, even with high traffic volumes. The barrier S-45/S-60 are designed and manufactured with casting process so the parts are more accurate and hence the barrier gate is more stable.

Features

- Case: Powder coated Galvanized Steel & boom powder coated aluminium.
- Barrier has robust structure design & boom is specially designed profile which withstands high loads.
- Can be operated manually in case of power failure.
- LED strips are provided optionally along the length of boom for indicating the safety of boom barrier at night.
- Reflective strips are wounded across the boom for highlighting sudden drops or rises of boom for high visibility purpose.
- User friendly interfaces for photocell, loop detector, arm light, etc are reserved.
- Recommended for heavy passage flow and gateway for outsider entry.
- Max-min size of boom available is 2-6m.



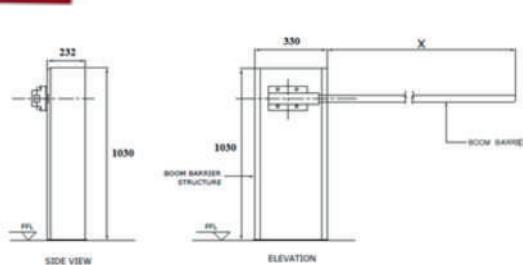
S-60



STRAIGHT BOOM BARRIER



E-45

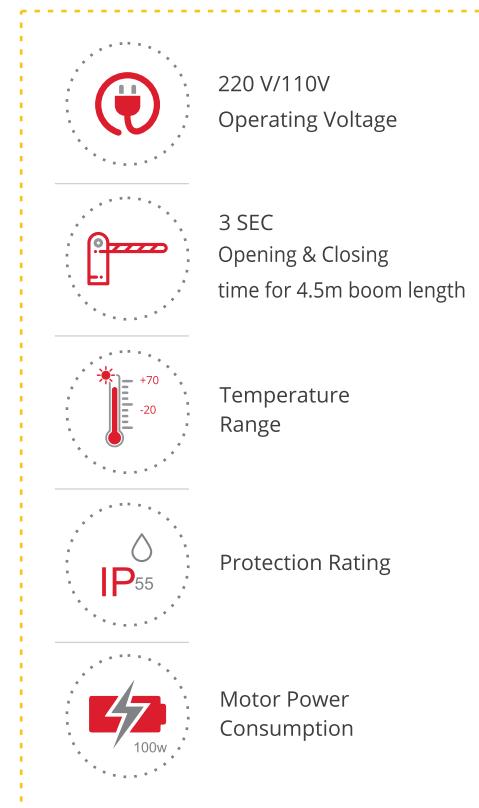


Design

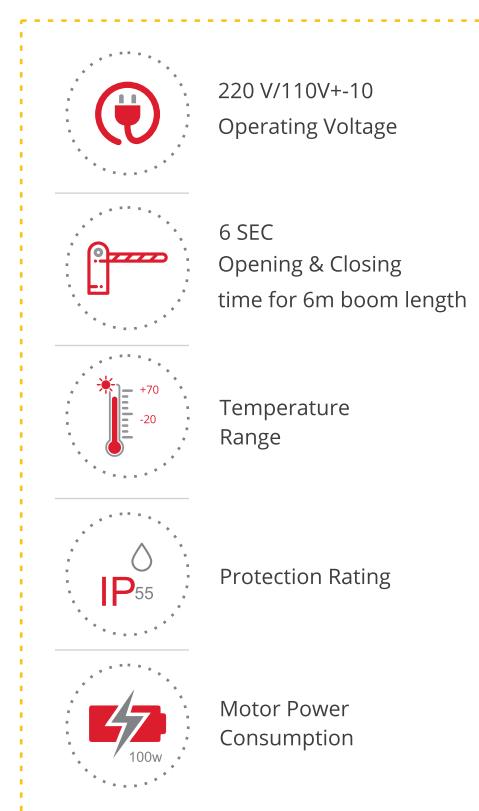
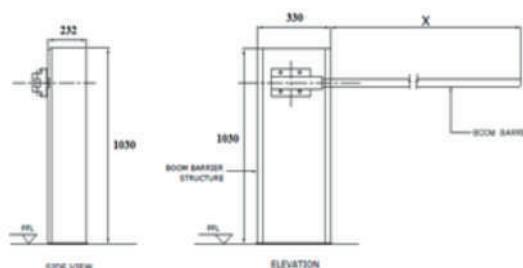
Automatic boom barriers provide practical and cost effective traffic management solutions. These E-45/E-60 boom gates are typically found at level crossings, drawbridges, parking facilities, checkpoints and entrances to restricted areas. The barrier are designed and manufactured with casting process suitable for heavy duty operations and the long lasting spring makes boom barrier very efficient so the parts are more accurate and hence the barrier gate is more stable with modern and sleek look.

Features

- Case: Galvanized Steel powder coated & Boom: Aluminium powder coated.
- High performance, reliable and durable boom barriers.
- Can be operated manually in case of power failure.
- LED strips are provided optionally along the length of boom for indicating the safety of boom barrier at night.
- Boom is of aluminium, light in weight and corrosion resistant.
- Reflective strips are wounded across the boom for highlighting sudden drops or rises of boom for high visibility purpose.
- Designed and manufactured with casting process suitable for heavy duty operations.
- Can be integrated with car wind shield tag as access control.
- Max-min size of boom available is 2-6m.



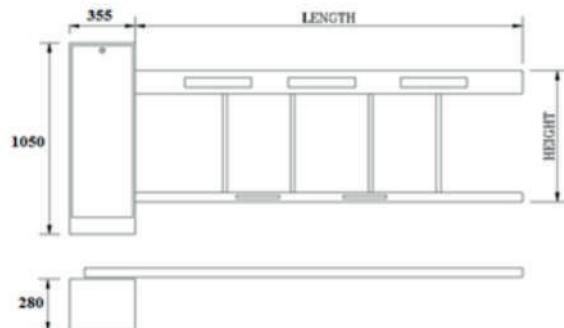
E-60



FENCE BOOM BARRIER



H-50

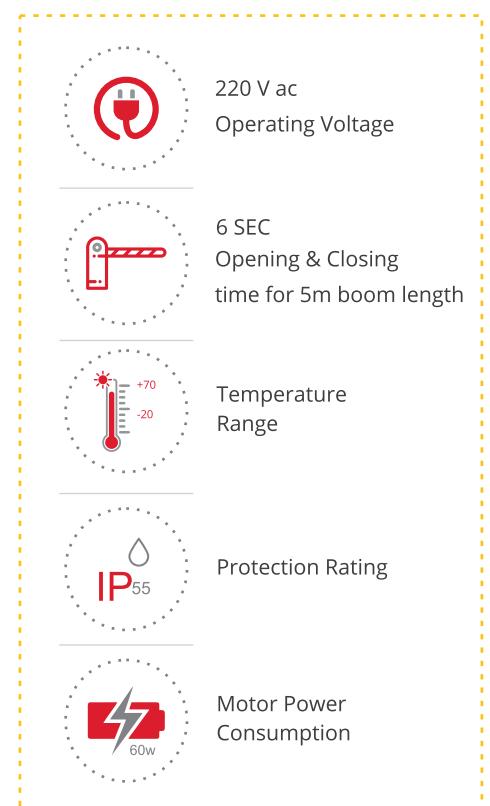


Design

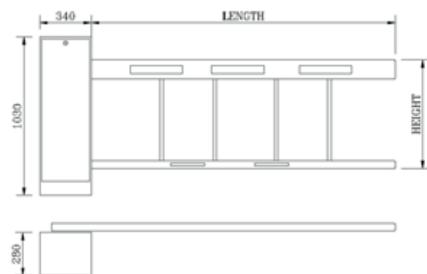
CE certified automatic H-50 straight barrier with fence is the most functional and attractive solution for controlling public and private sector's unwanted entries of livestock. The barrier gates are designed using innovative technology and manufactured with precision machinery to guarantee satisfaction in quality and reliability for years to come. Boom gates are typically found at level crossings, drawbridges, parking facilities, checkpoints and entrances to restricted areas. The boom barrier is aesthetically designed with sleek and modern looks.

Features

- Case: Powder coated Galvanized Steel & Boom: Powder coated Aluminium.
- Can be operated manually in case of power failure.
- Reflective strips are wounded across the barrier for indicating the direction for easy access.
- LED strips on casing to indicate the functioning which adds aesthetics.
- Fences are of aluminium, light in weight and corrosion resistant.
- The arm will automatically go back when meet obstacles during the process of lifting and falling as sensors can be provided optionally.
- Fence moving parts are so designed to have minimum joints and frictionless movements.
- Can be integrated with car wind shield tag as access control.
- Max-min size of boom available is 2- 5m.



S-50

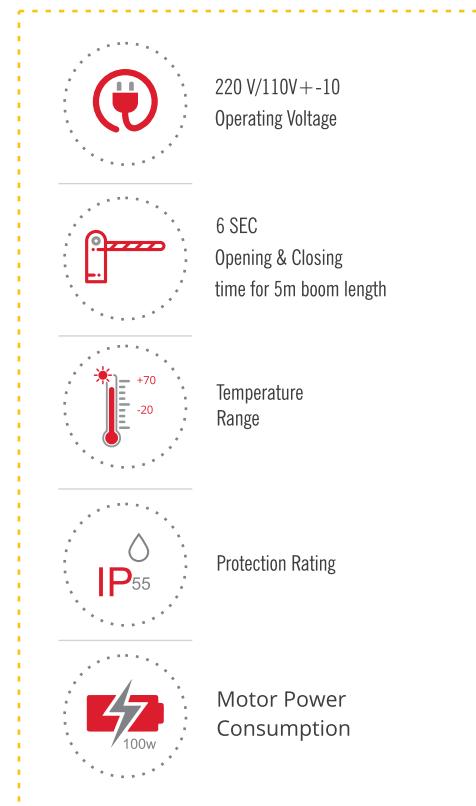


Design

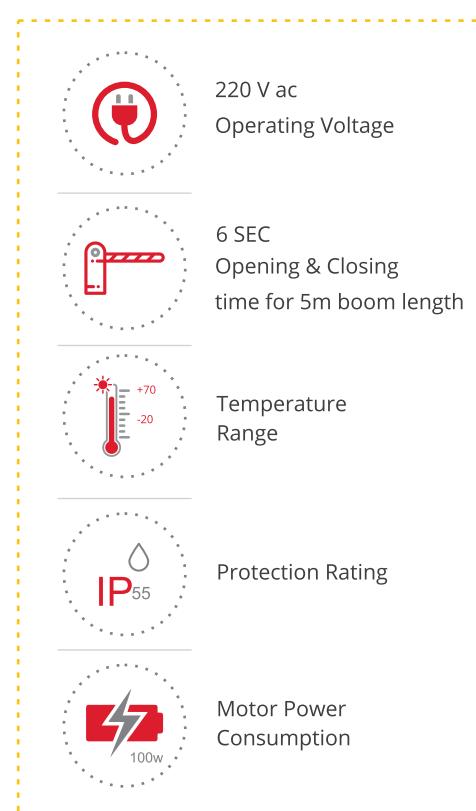
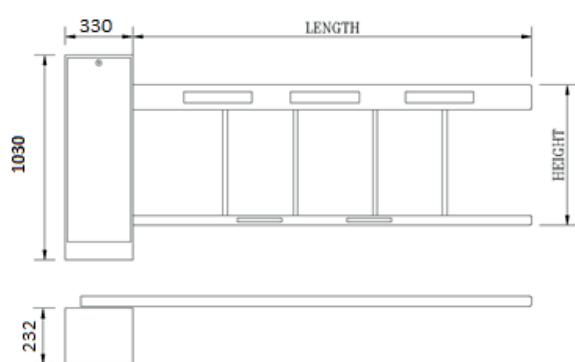
CE certified Automatic fence boom barrier S-50/E-50 is the most functional and attractive solution for controlling public and private sector's unwanted entries of livestock. The barrier gates are designed using innovative technology and manufactured with precision machinery to guarantee satisfaction in quality and reliability for years to come. Boom gates are typically found at level crossings, drawbridges, parking facilities, checkpoints and entrances to restricted areas.

Features

- Case: Powder coated galvanized steel & boom: Powder coated aluminium.
- High performance, reliable and durable boom barriers.
- Can be operated manually in case of power failure.
- Reflective strips are wounded across the boom for highlighting sudden drops or rises of boom for high visibility purpose.
- LED strips are placed optionally along the length of boom for indicating the safety of boom barrier at night.
- Fences are of aluminium, light in weight and corrosion resistant.
- Die-casting aluminum alloy motor, precision and good at thermal radiating.
- Fence moving parts are so designed to have minimum joints and frictionless movements.
- Can be integrated with car wind shield tag as access control.
- Max-min size of boom available is 2-5m.



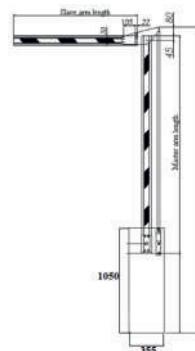
E-50



ARTICULATED BOOM BARRIER



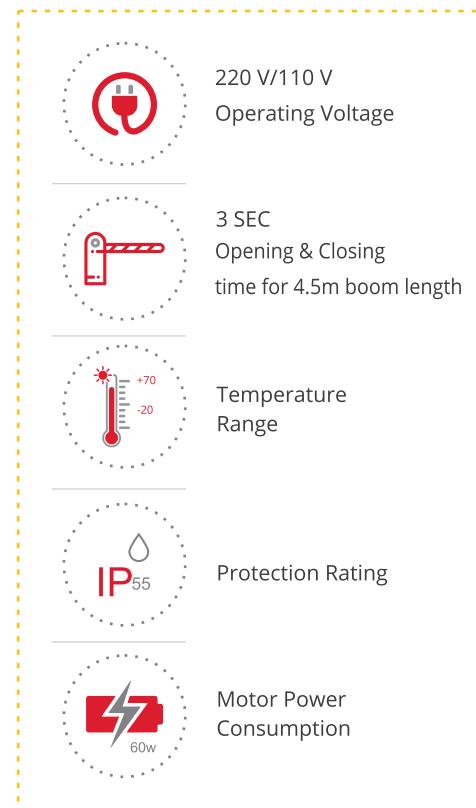
H-45



Design

CE Certified articulated boom barrier H-45/H-60 are the most functional and attractive solution for controlling public and private vehicle transit and access to rest areas, even with high traffic volumes. The barrier are designed and manufactured with casting process so the parts are more accurate and hence the barrier gate is more stable.

The barrier gates are designed using innovative technology and manufactured with precision machinery to guarantee satisfaction in quality and reliability for years to come. Boom gates are typically found at level crossings, drawbridges, parking facilities, checkpoints and entrances to restricted areas. The boom barrier is aesthetically designed with sleek and modern looks.

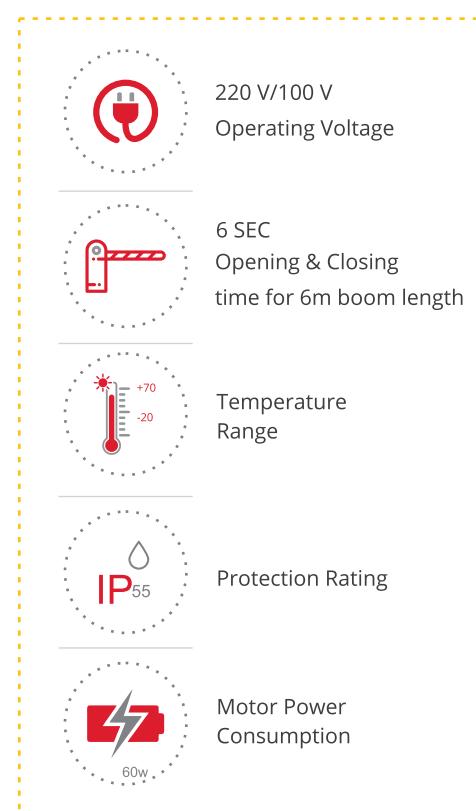
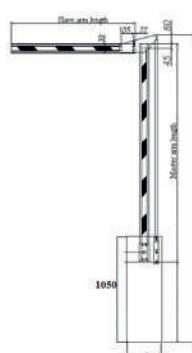


Features

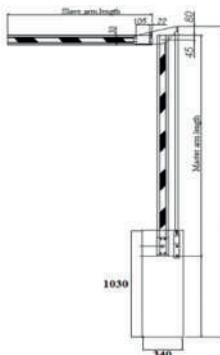
- It has got elegant and streamlined design.
- Enabling maximum boom length of 4.5 m and 6 m even with low environment heights.
- The articulated boom is designed for high-frequented use in the parking industry and ensures a hassle-free operation for many years.
- Ensures fluent traffic flow.
- Max headroom the barrier can operate is up to 2m.
- Smooth boom movement with automatic slowdown.
- 90° articulated boom mechanism.



H-60



S-45



	220 V/110 V +-10% Operating Voltage
	3 Sec Opening & Closing time for 4.5m boom length
	Temperature Range +70°C to -20°C
	Protection Rating IP55
	Motor Power Consumption 100w

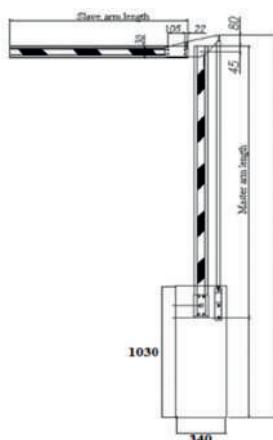
Design

CE certified S-45/S-60 articulated boom barrier is the most functional and attractive solution for controlling public and private vehicle transit and access to rest areas, in low head rooms. The barrier gates are designed using innovative technology and manufactured with precision machinery to guarantee satisfaction in quality and reliability for years to come. Boom gates are typically found at level crossings, drawbridges, parking facilities, checkpoints and entrances to restricted areas. The boom barrier is aesthetically designed with sleek and modern looks. The articulated boom is designed for high-frequented use in the parking industry and ensures a hassle-free operation for many years.

Features

- It has got elegant and streamlined design.
- Enabling maximum boom length of 4.5-6m even with low environment heights.
- The articulated boom is designed for high-frequented use in the parking industry and ensures a hassle-free operation for many years.
- Ensures fluent traffic flow.
- Max headroom the barrier can operate is up to 2m.
- Smooth boom movement with automatic slowdown.
- 90° articulated boom mechanism.

S-60

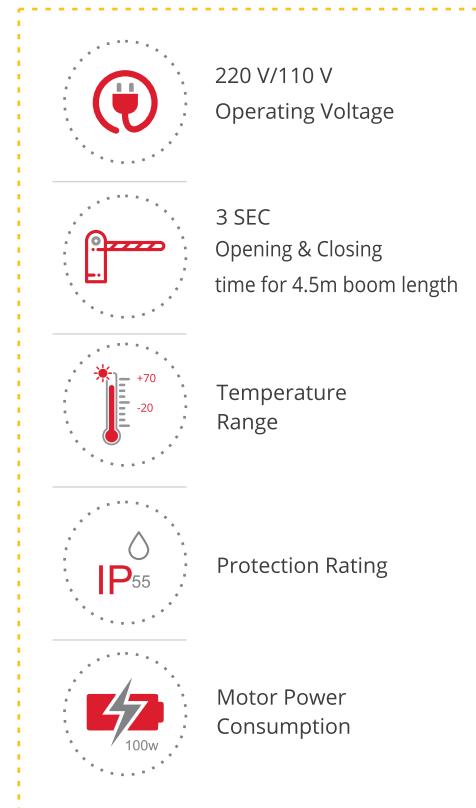
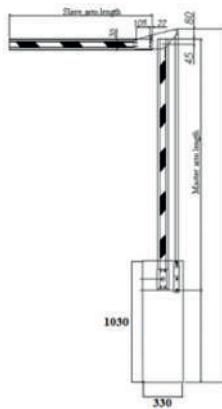


	220 V/110 V +-10% Operating Voltage
	6 SEC Opening & Closing time for 6m boom length
	Temperature Range +70°C to -20°C
	Protection Rating IP55
	Motor Power Consumption 100w

ARTICULATED BOOM BARRIER



E-45



Design

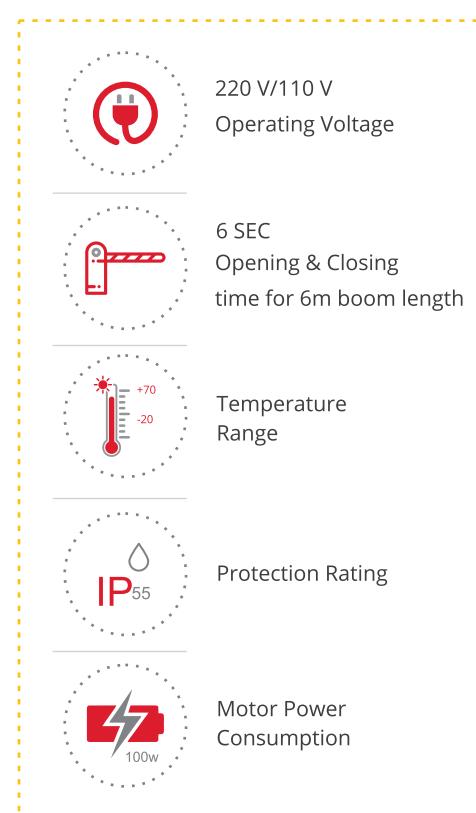
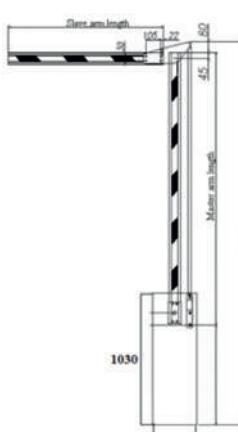
CE certified E-45/E-60 articulated boom barrier is the most functional and attractive solution for controlling public and private vehicle transit and access to rest areas, in low head rooms. The barrier gates are designed using innovative technology and manufactured with precision machinery to guarantee satisfaction in quality and reliability for years to come. Boom gates are typically found at level crossings, drawbridges, parking facilities, checkpoints and entrances to restricted areas. The boom barrier is aesthetically designed with sleek and modern looks.

Features

- High performance, reliable and durable boom barriers.
- Enabling maximum boom length of 4.5 m/6m even with low environment heights.
- 70W turbine worm transmission deceleration induction motor which drive steady, lower noise, compact structure, can realize self-locking.
- 90° articulated boom mechanism.
- Greater convenience, safety at all times.
- More comfort and safety in programming and maintenance phases.
- Max headroom the barrier can operate is up to 2m.



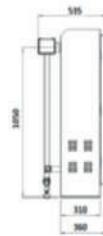
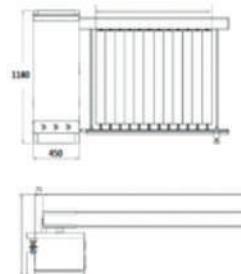
E-60



ADVERTISING BOOM BARRIER



S-30



Design

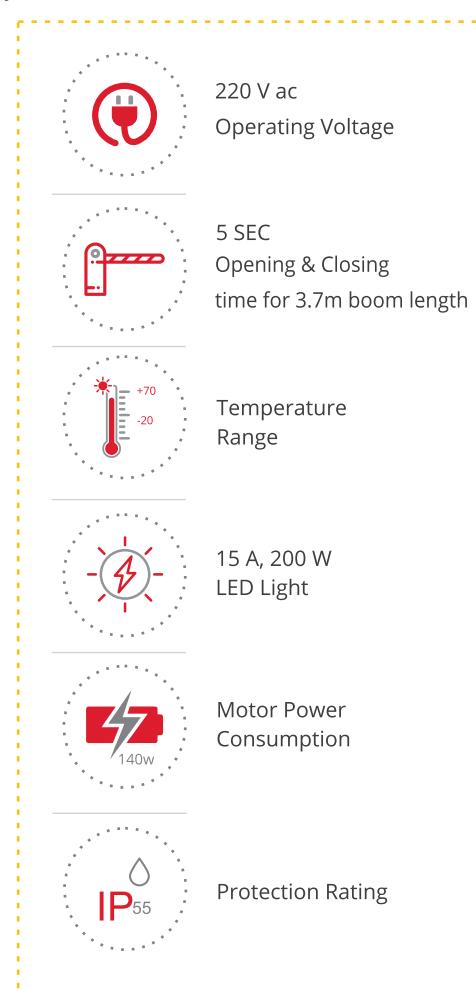
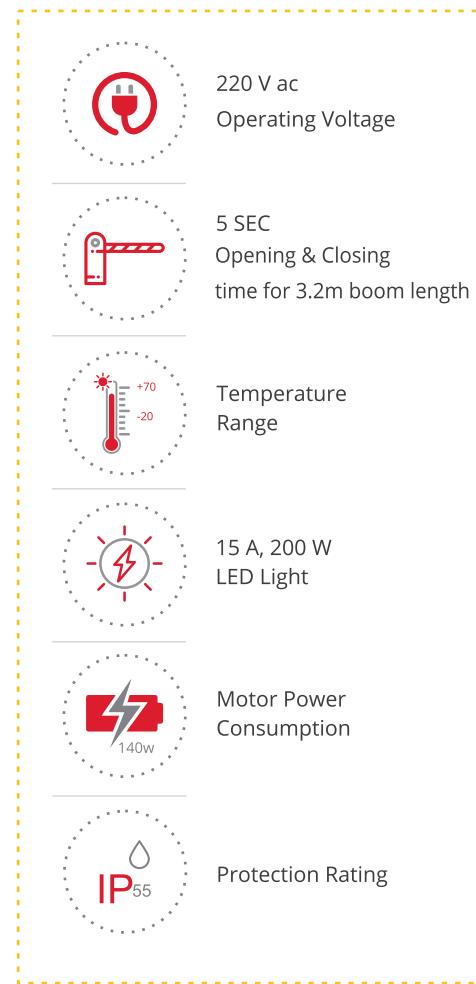
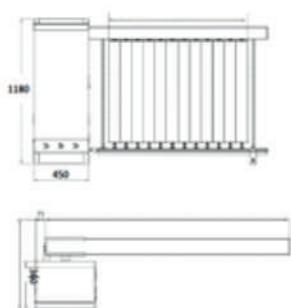
Automatic advertising traffic barriers S-30/S-40 are meant to restrict the entries and exits of the vehicles or pedestrians. Combination of parking and advertising is a creative idea which serves both the purpose of security and marketing. Advertising barrier is best suitable for restricting the entry and exit with promoting the various ads on the boom. Advertising boom barrier are widely used in areas like, Shopping centers, marketing zones, parking lots, hotel entrances, factory entrances, public institutions and so on. The boom is a mosaic of high strength aluminum blades. The barrier housing is rugged construction which is durable and water – proof; it can be mounted outdoor without any covering/housing.

Features

- Perfect combination of barrier gate & effective advertising.
- The boom is a mosaic of high strength aluminum blades.
- It is a perfect combination of optics and electricity that can be operated for 24 hrs.
- The barrier housing is rugged construction which is durable and water – proof; it can be mounted outdoor without any covering/housing.
- It also has anti – crash function; the barrier remains open if any car stay under the arm.
- The bottom of the boom is sealed with rubber which prevents the barrier in case of any accident happens.
- Number of advertising plates for 3.2m are 29.
- Number of advertising plates for 3.7m are 34.



S-40



ABOUT US

LEAPTOR aspires in becoming a market leader when it comes to providing secured entry solutions for all kind of private or public premises.

LEAPTOR brand is the registered entity owned by **Avians Innovations Technology Pvt. Ltd.** who has been one of the pioneer manufacturers with more than three decades in providing end-to-end solutions' in high-end automatic doors with vast experience in acquiring more than 500+ prominent corporate and global brands and successfully executed more than 10000+ products so far and learnt to follow the best business practices from its parent company.

Avians is headquartered in one of the most renowned Pune's industrial and automotive hub and has its own infrastructure and manufacturing capabilities in area of more than 2,80,000sq ft. with state of the art technologically advanced plant and in-house warehouse facility with a team of experts. Avians is an ISO:9001, ISO:14001 and OHSAS 18001 company with its complete range from to its latest range of **Physical Access Solutions** which are truly tested for Indian conditions and have been certified with **CE Standard** for the complete array of products in **Physical Access Systems (PAS)**.

The company aims to target **Sustained Innovation, Service-Orientation and Commitment** to deliver world class products.

LEAPTOR offers wide range of products from **Turnstile, Boom barrier, Flap barriers, Swing barriers to Access Control Solutions**, These products are designed to create a difference to your secure premises and assures peace of mind to users. The company's strong technical backbone in innovative R&D and manufacturing facilities ensures that each product delivers on our promise of quality, precision and innovation. The company's extensive pan India sales and service network presence makes sure support is always at hand. Our products are designed with engineering excellence to ensure compliance as per International Standards for withstanding toughest weather and application conditions in India and to give clients the assurance of quality class cost effective solutions.

QUALITY OBJECTIVES

To ensure Sustainable and Quality class products to ensure customers Affordability and peace of mind.

To provide Effective Customer Care touch to ensure Smooth Resolution to all technical queries and Pro-Actively Anticipating Solutions required by our Customers and Innovatively Satisfy them.

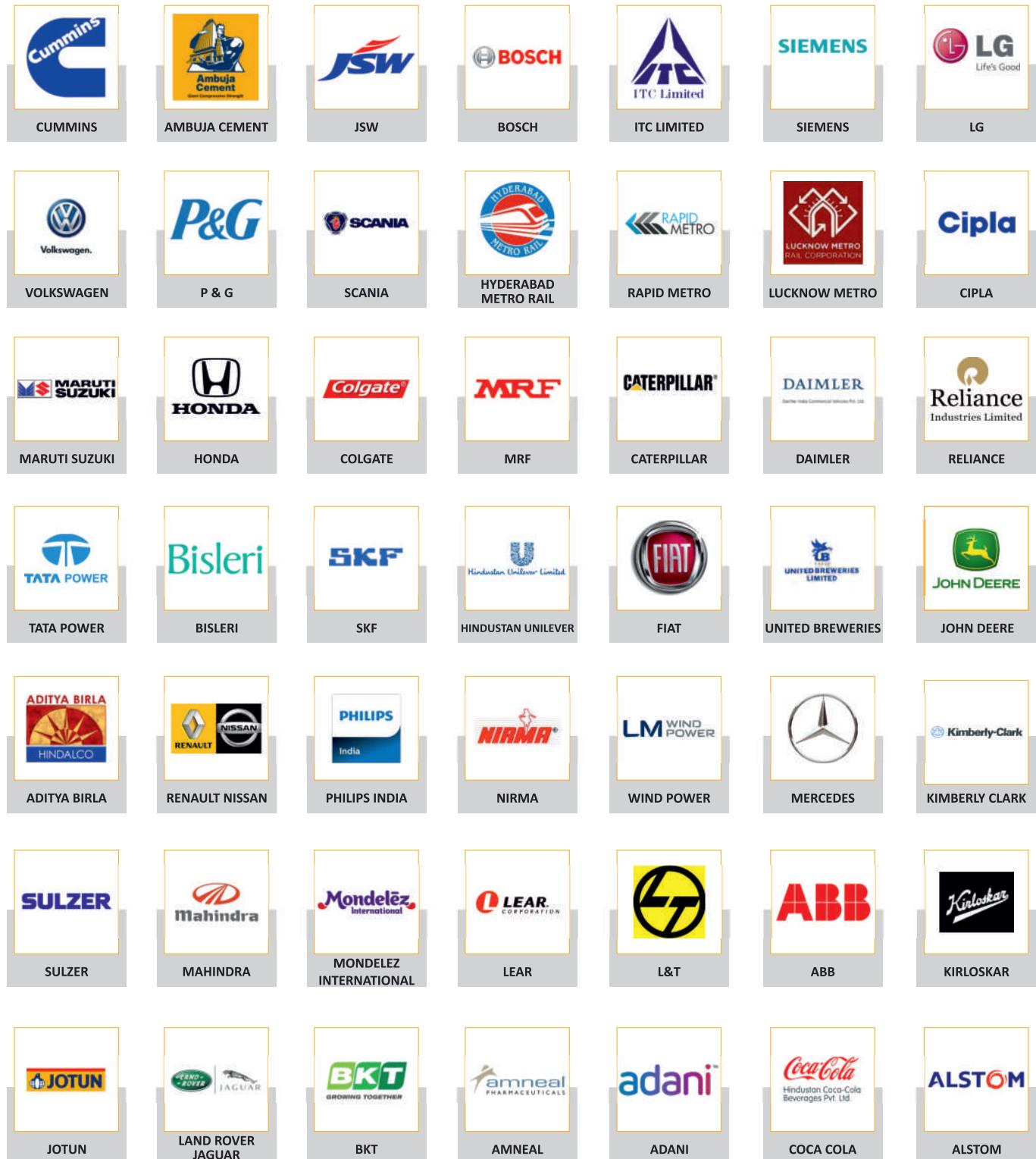
Effectively Blend People's Skills with Process Tools at Every Stage of the Project Life Cycle to provide state-of-the-art solutions.

To continually Review and Improve the Effectiveness of the Quality Management System based on data collected during Quality Checks, Testing and Customer Feedbacks.

To proactively keep innovating The Technology and Services To Deliver High End Products and maintain market leader position.

To minimize customer Risks Ensuring Complete Product Compliance with Contract Commitments and to Proactively Prevent Potential Product Non-Conformance and Eliminate Identified Non-Conformance.

SOME OF OUR PRESTIGIOUS CLIENTS ARE AS BELOW



Disclaimer:-

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OUR PRESENCE



LEAPTOR® by Avians Innovations Technology Pvt. Ltd.

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