



## HIGH SPEED DOORS



**GANDHI**  
Automations Pvt Ltd

India's **No.1** Entrance Automation & Loading Bay Equipment Company

# GERMAN COLLABORATION AND TECHNOLOGY WITH INNOVATIVE AND CREATIVE ENGINEERING FOR MORE THAN 25 YEARS



## A PARTNER WHO STANDS BY YOUR SIDE

### Quality & Safety - Our Priority

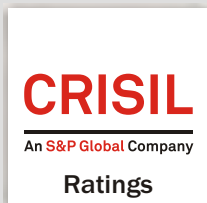
CE certified High Speed Doors are manufactured in accordance with

Standard(s) : EN 60204-1:2006/AC:2010, IEC 61439-1:2011  
EN 13241:2003+A2:2016

Directive(s) : 2006/42/CE, 2004/108/CE

Gandhi Automations design, develop, manufacture and execute its products strictly in accordance with the above mentioned EN standards.

You are assured with our best quality products, safe operation and after sales service 24/7.



### ORIGINAL SPARE PARTS

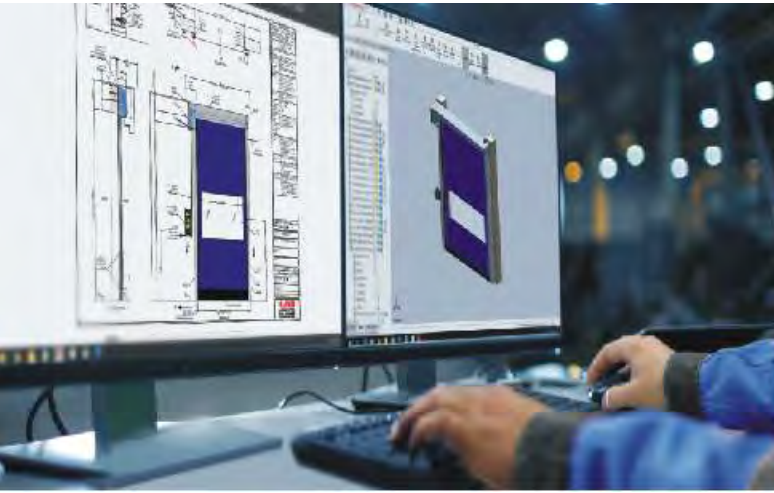
Guaranteed original spare parts availability for 10 years



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# Efficiency, Safety and Flexibility



Gandhi Automations Pvt Ltd is India's No.1 Entrance Automation & Loading Bay Equipment Company. Since 1996, we have been designing, manufacturing, exporting and installing products that are hassle-free, safe and easy to operate. Gandhi Automations Pvt Ltd is a globally well-renowned brand, which is a result of years of hard work, innovation, commitment to quality & reliable customer service. We are a Government of India recognised 'Star Export House'.

Our comprehensive product portfolio consists of :

High Speed Industrial Doors, Dock Levelers & Dock Shelters, Rolling Shutters, Sectional Overhead Doors, Aircraft Hangar Doors & Shipyard Doors, Gates & Boom Barriers.

## Head Office

Headquartered in Mumbai, the commercial capital of India, our company has expanded its manufacturing capacity, operations, geographical reach and customer base globally. Today our products are marketed by us and our distributors in more than 70 countries across the globe.

## Competent Advice

Proper customer guidance and service are our top priorities. Our well trained and experienced specialists are always at your disposal from the project planning stage to final stages of handover, inspection as well as training. They help you choose a perfect product solution tailored to meet your requirements.



## Quality Management

The company caters to following certifications : ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 by TÜV Nord. This has resulted in implementing continuous improvement towards personnel training, production, equipment calibration, machinery maintenance, logistics and customer relations.

## Nationwide Network

Ahmedabad	Goa	Kolkata	Raipur
Bengaluru	Guwahati	Lucknow	Ranchi
Bhopal	Hyderabad	Mangalore	Surat
Bhubaneswar	Indore	Nagpur	Vadodara
Chandigarh	Jaipur	New Delhi	Visakhapatnam
Chennai	Jamshedpur	Patna	
Coimbatore	Kochi	Pune	



## Advance Manufacturing

Our strategically located state of the art manufacturing and warehousing facility of 4,00,000 sq. ft. near Bhiwandi (40km NE of Mumbai) ensures high-quality product output and short delivery time.

The constant innovation and creative engineering applications of Gandhi Automations is a result of extensive and accurate in-house research and development.

All essential product components & accessories as well as control technology units are designed in-house and produced using European collaboration and technology.

Our product engineering team uses latest software applications combined with advanced machinery to offer our customers an excellently engineered, efficient and finished product.

## Installation, Commissioning & Service

Our team of committed and diligent engineers and technicians are at your service round the clock; many of whom are trained at advanced training centers in Europe so as to ensure perfect installation and trouble-free commissioning according to the specifications. Thus, always assuring product reliability and longevity.



## Packaging & Dispatch Area

Special care and all necessary precautions are taken while packaging the products for dispatch. Each consignment is supervised by a team of experts who ensure that material is dispatched safely, efficiently and promptly.



## Dynamic Customer Service

Our Customer Care team offers 24x7 service. We lay great emphasis on exceptional after-sales service and provide spares, preventive maintenance and AMC (annual maintenance contracts) for minimum downtime ensuring durability and drive maximum ROI.

Our widespread service network assures response time to be minimum.

In rare case of any product failure, all you need to do is reach for the telephone.



**TOLL FREE**

**1800 209 0200**

From Anywhere in India

One call and our highly trained service technicians will be on their way in a fully equipped customer service van with wide range of original spares.

# High Performance Door Application



The extensive range of products from Gandhi Automations are used in just about all sectors. We manufacture a wide range of models for every application. The exact door model chosen for client's requirement depends on its application, use and the conditions in which it is going to be operated. Our standard range of doors cater to client's every need and for any special requirements we can also customize the doors in consultation with the client.

## Small and Large Scale Industry

Every industry, irrespective of the size, require some kind of entrance automation for fast, easy operations along with efficiency and durability. Products from Gandhi Automations are simple to use, they continue operating trouble-free for long periods and barely require any maintenance. These products are therefore assured of operating with reliability, continuity and safety.

## Pharmaceutical Industry

Pharma and chemical industry have stringent requirements with respect to hygiene, sealing, operating reliability, installation and a dedicated after-sales service. With zero tolerance to contaminants and bacteria, our High Speed Doors help keep negligible exposure time through its fast operations. Gandhi Automations offer custom-made solutions for these sectors, while investing a defined period of time and finance in courses and training of the company's own production staff and technicians. They satisfy all requirements to be able and allowed to work in strictly regulated operating conditions.



## Food Processing Industry

Gandhi Automations has already been working with major names in the field of food production and food processing for years. We also have wide experience with cold storage industry. We have learned that this sector requires strict hygiene, anti-bacterial components and cleanliness routines. There is a specific demand for custom-made products which usually concerns cost efficiency and the continuity of production process. Our High Speed Doors for food and retail businesses meet the requirements of hygiene, cleaning routines and use highest grade FDA approved components.

## Warehousing Industry

When products are ready for dispatch, they must arrive at the end customer as quickly as possible. Hence, Gandhi Automations helps large logistics distribution centres for most efficient storage and transfer. Doors installed at the loading stations are required to frequently open and close in a day. Our doors are designed for intensive use at site. Additionally, on time preventive maintenance can minimize possibility of any downtime. Gandhi Automations also offers various options for maintenance and service contracts.



## Automobile Industry

The typical car factory produces an average of around a thousand cars a day. This requires an enormous goods flow within the factory, where on-time delivery is of crucial importance. This is also, why high requirements are set for the reliability of the doors in this logistic flow. Gandhi Automations offers products that can remain functioning trouble-free in the required conditions.

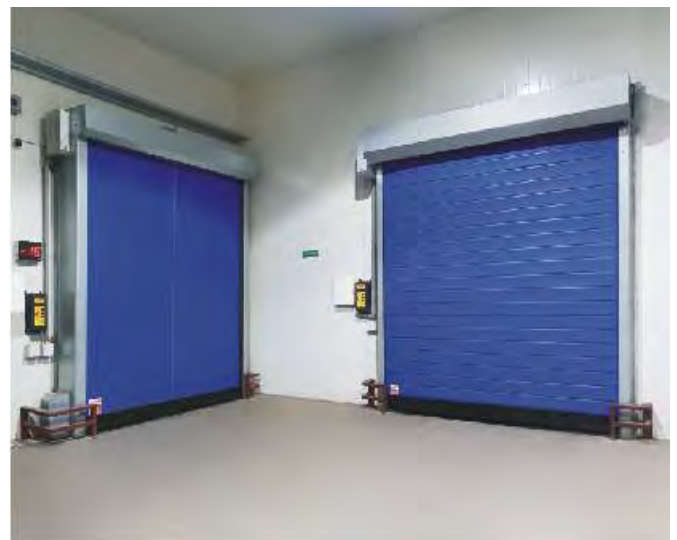
Gandhi Automations also has 24-hour service to help you as quickly as possible should something nevertheless go wrong.

## Cold Storage Industry

Cold Storage industries require an easy movement of material and vehicles between different zones of temperature and humidity. Gandhi Automations High Speed Freezer Doors operate in positive as well as in negative temperatures in order to ensure the most comprehensive maintenance of temperature in a cold storage environment. Our doors have the most advanced technology which helps in maintaining huge differential temperatures.

### Other Applications

- Aviation Industry
- Supermarkets
- Explosive Areas
- Conveyor Systems
- Data Centres
- Textile Industry
- Shipbuilding Industry
- Mining
- Emergency Exits and many more





# Classic Design With Modular Panels

















# Prime

- Classic Design with Modular Panels
- Designed for continuous, high speed- high frequency operations
- Self-supporting construction with in-built anti-crash protection system
- Smooth and noise-free operation cycles
- Modular interchangeable panels make it easy to maintain and replace worn / damage panels
- Can be customized with modular Mesh sections / transparent PVC sections for ventilation, natural light while ensuring pest & bird free environment
- Guides include friction-resistance vertical seals made from semi-hard PVC
- Advanced and robust control device



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		6000 mm	
	Max PH upto		6000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 1	
Curtain Stabilisation / Wind Load	Aluminium		Standard	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Guide Material / Surface	Galvanised Steel		Standard	
	Aluminium / Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Translucent White	
	 Red	Similar to RAL 3002		
Optional Mesh Curtain Colours	 Black	Similar to RAL 9005	 Bronze Green	Similar to RAL 6031
Available Vision Windows	 Round	 Oval	 Rectangle	

\*Customised printed curtain is available on request.

# Prime Clean Reset



SELF - REPAIRING



Differential Air Pressure



Under Pressure



Over Pressure

















## Clean Room - Dust Free & Air Tight

# Prime Clean Reset

- Designed for use in dust free and clean room area
- Low air permeability in pressurized rooms and minimizes leakage
- Maintains air tight sealing even in differential pressure situations on either side
- Self-supporting construction
- Flexible curtain without any rigid elements - safe for personnel & equipment
- High leak tightness due to the close fitting curtain in the guide rails
- Can be equipped with FDA Approved Polystone® M-Natural - slim design guide. They require little space and can easily be installed in tight places.



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4000 mm	
	Max PH upto		4000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
Closing Speed			0.5 m/s	
Security Features	EN 13241-1		Standard	
Cleanroom Class			ISO Class 5	
Resistance to Wind Load	EN 12424		Class 3	
Permeability Air	EN 12426, EN 12427		< 12 m <sup>3</sup> /m <sup>2</sup> h Δ 50 PA	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Side Guide	UHMWPE 1000		Standard	
Guide Structure Material / Surface	Aluminium		Standard	
	Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Inbuilt Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
Electronic Limit Switch		Standard		
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026
Available Vision Windows	 Round	 Oval	 Rectangle	 Full Curtain

\*Customised printed curtain is available on request.



## Clean Room - Washable & Pressure Resistant

# Prime NEO

- Superior sealing to avoid dust entry, maintain asepsis and sterility
- Designed for clean room area and corrosive environment
- Diminishes the risk of airborne contamination
- Easy to clean & disinfect, door is resistant to spray water
- The door is pressure resistant while providing smooth operation cycles
- Structurally designed to be resilient against twisting and denting
- All materials used in construction are fully compliant to clean environment requirements
- Reduced energy consumptions and enhanced savings



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4000 mm	
	Max PH upto		4000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Cleanroom Class	ISO Class 5			
Resistance to Wind Load	Class 3			
Permeability Air	EN 12426, EN 12427		< 12 m <sup>3</sup> /m <sup>2</sup> h Δ 50 PA	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Guide Structure Material / Surface	Fibre - Reinforced Polymer (Washable multi composite structure)		Standard	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Inbuilt Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
Electronic Limit Switch		Standard		
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
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	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026



**GARDHI**  
Gardhi Industries Pvt. Ltd.  
www.gardhi.co.in  
Unit 10, 10/1  
Sector 10, Gurgaon  
Haryana, India



# Prime Food

Food sector and food processing industries work in complete adherence to hygiene and safety regulations across the globe. Food industries always have to be vigilant of contamination due to multiple causes such as Air inflow, Personal Hygiene, Equipment Hygiene and wash-down properties, etc. Hence, this sector requires an investment in products that are technologically advanced as well as compliant to all food industry regulations.

Prime Food High Speed Door is the most appropriate solution which offers great speed, versatility, while fulfilling all the safety and hygiene regulations imposed by the authorities such as FDA. This door design to be self-repairable with innovative curtain edge that firmly holds the curtain into the side guides. If impacted, the curtain will release from the side guide and automatically reset on the next cycle.

We use a special flexible curtain in self-extinguishing material and can also provide FDA approved white flexible curtain on request. All other components such as Motor cover, corner brackets are designed to meet all strict requirements required by food industry. High speed operation, ultra-tight seal and curtain technology assure outstanding environmental control as well safety for pedestrians and equipment.

## Contamination Control

Specific areas within food industry must adhere to strict regulations on contamination. Self-repairing doors aids in complying these requirements by minimizing downtime to none as they reset automatically & perform seamless operations ensuring shortest exposure time reducing the risk of airborne contamination.

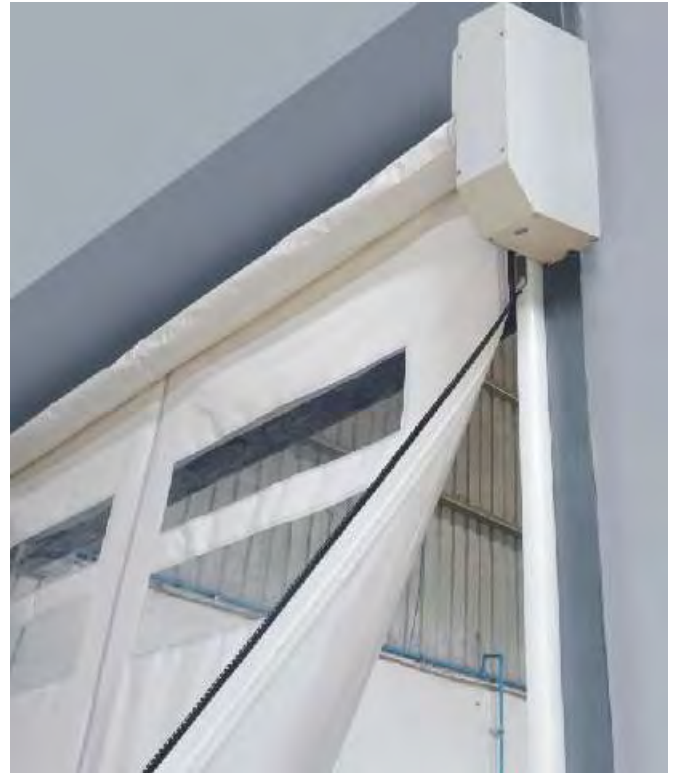
## Employee and Material Safety

Infrared photocells and a wireless sensing edge reverse the door automatically if an obstruction is detected or contacted. The soft bottom edge curtain is free of heavy, rigid components thus protecting users and equipment from hard edge accidents.

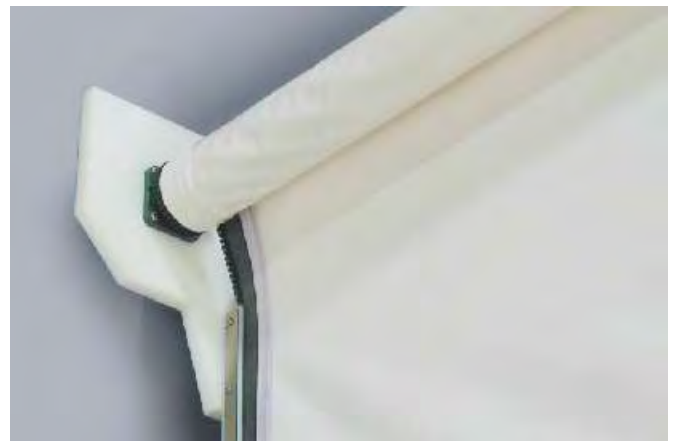
## Wash-down Door

Wash-down is imperative in food-processing facilities to maintain hygiene. An end of the line packaging areas will require very little wash-down. In contrast, the processing section of a food plant may need a thorough wash-down. The type of wash-down will depend on the type of food processed. Cast iron and aluminium corrode in wash-down environments.

We use the durable, FDA approved Polystone® M-Natural guides along with special PVC curtain which makes our door compatible for a complete wash down.



Self-repairing Curtain



Polystone® M-Natural Brackets & Guides



Reverse Proximity Sensor on Bracket














**Enhanced Hygiene,  
Wash Down Compatible**

# Prime Food

- Designed specifically for food industries and applications where hygiene is crucial
- FDA approved Polystone® M-Natural guides available as standard for environments that demands rigorous cleaning routines
- All structural components that may come into contact with water are either made of Stainless Steel or have a corrosion-proof finish
- Easy to clean & disinfect to maintain hygiene in production areas. Resistance to spray water & Insensitive to cleaning agents.
- Self-supporting construction with anti-crash protection system
- Reverse proximity sensor on brackets
- Control device in plastic
- Can be equipped with transparent PVC vision windows



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4500 mm	
	Max PH upto		4500 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
Closing Speed			0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 2	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Guide Material / Surface	FDA Approved Polystone® M-Natural		Standard	
Shaft / Operator Cover	Straight		Standard	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Reverse Proximity Sensor		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026
Available Vision Windows	 Round	 Oval	 Rectangle	

\*Customised printed curtain is available on request.


















# Self-Repairing, Flexible Curtain

# Prime Reset

- Innovative anti-crash system with unique Self-Repairing Feature
- Self-resetting without any intervention and quickly back to operation
- Self-Lubricating maintenance free guide
- Smooth and noise-free operation cycles
- Flexible curtain in self-extinguishing material
- Control panel designed for an intensive continuous service
- Can be equipped with PVC vision / mesh windows for ventilation, natural light while ensuring pest & bird free environment.
- Can be equipped with a counterweight, to fully open the door in case of power failure.



## Technical Specifications

Door Type : Roll-up				
Use	Internal / External Door		Standard	
Door Sizes	Max PL upto		6000 mm	
	Max PH upto		6000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 3	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Side Guide	UHMWPE 1000		Standard	
Guide Structure Material / Surface	Aluminium		Standard	
	Galvanised Steel / Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Inbuilt Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005		Translucent White
	 Red	Similar to RAL 3002		
Optional Mesh Curtain Colours	 Black	Similar to RAL 9005	 Bronze Green	Similar to RAL 6031
Available Vision Windows	 Round	 Oval	 Rectangle	 Full Curtain

\*Customised printed curtain is available on request.












## Easy, Built-in Emergency - Exit

# Prime Reset EE

- Emergency exit access within the door curtain
- Easy Push-to-open access in case of emergency & evacuation
- Slim, Self-repairing door curtain enabling uninterrupted high-speed operations
- Transparent window for daylight and visibility during evacuation
- Flexible curtain without any rigid elements - safe for personnel & equipment
- Durable and low maintenance doors
- Provides increased staff safety



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		6000 mm	
	Max PH upto		6000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 1	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Side Guide	UHMWPE 1000		Standard	
Guide Structure Material / Surface	Aluminium		Standard	
	Galvanised Steel / Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Inbuilt Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005		Translucent White
	 Red	Similar to RAL 3002		

\*Customised printed curtain is available on request.



**Inside Application Doors Where Seal & Require Space are Crucial**


















# Prime Reset - ISM

- The Prime Reset - ISM is designed for inside application where seal and require space are crucial.
- Motor is incorporated in the shaft and hidden behind Side brackets.
- Minimal space, modern look
- Self-resetting without any intervention and quickly back to operation
- Control panel designed for an intensive continuous service
- Can be equipped with PVC vision / mesh windows for ventilation, natural light while ensuring pest & bird free environment.
- Can be equipped with FDA Approved Polystone® M-Natural - slim design guide. They require little space and can easily be installed in tight places.



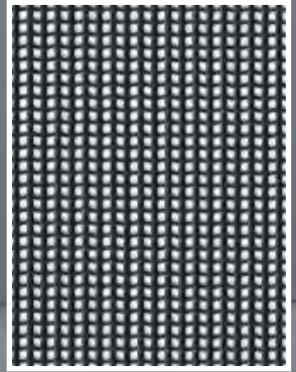
## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4000 mm	
	Max PH upto		4000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 3	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Side Guide	UHMWPE 1000		Standard	
Guide Structure Material / Surface	Aluminium		Standard	
	Galvanised Steel / Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Inbuilt Operator		Standard	
	Protection Category (Operator / Control)		IP 55 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Inbuilt Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Translucent White	
	 Red	Similar to RAL 3002		
Optional Mesh Curtain Colours	 Black	Similar to RAL 9005	 Bronze Green	Similar to RAL 6031
Available Vision Windows	 Round	 Oval	 Rectangle	 Full Curtain

\*Customised printed curtain is available on request.



**САНДИ**  
Сделано в России  
по ГОСТ 12.1.010-78  
& 12.1.019-79



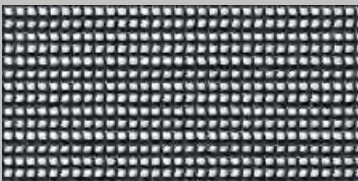
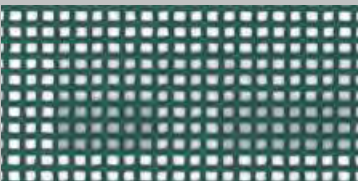
# Self-Repairing Mesh Curtain Smooth & Silent

# Prime Mesh-M / Prime Mesh-D

- Maximum Light and Insect Protection Screen
- Self-resetting without any intervention and quickly back to operation.
- Full Mesh-M & Mesh-D curtain for ventilation, natural light while ensuring pest & bird free environment.
- Smooth and noise-free operation cycles.
- Flexible curtain in self-extinguishing material
- Control panel designed for an intensive continuous service
- Optional inbuilt operator available for confined space



## Technical Specifications

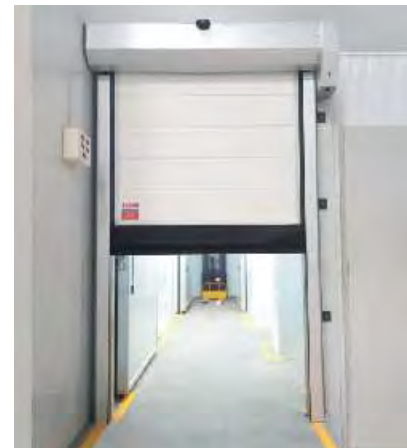
Door Type : Roll-up			
Use	Internal / External Door	Standard	
Door Sizes	Max PL upto	4000 mm	
	Max PH upto	4000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking		
	Opening Speed upto Closing Speed	2.0 m/s 0.5 m/s	
Security Features	EN 13241-1	Standard	
Resistance to Wind Load	EN 12424	Class 3	
Curtain	POLYMAR® Scrim Mesh - M 420 GSM	Standard	
	POLYMAR® Scrim Mesh - D 580 GSM	Optional	
Side Guide	UHMWPE 1000	Standard	
Guide Structure Material / Surface	Aluminium	Standard	
	Galvanised Steel / Stainless Steel 304 / 316 matt finish	Optional	
Shaft / Operator Cover	Straight	Optional	
Operator and Control	Connecting Voltage	230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button	Standard	
	Inbuilt Operator	Optional	
	Protection Category (Operator / Control)	IP 54 / IP 65	
	Emergency-OFF Button	Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector	Optional
		Induction Loop	Optional
	Bottom Wireless Safety Edge System		Standard
Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle	Standard	
Mesh Curtain Colours	<span style="display: inline-block; width: 15px; height: 10px; background-color: black; margin-right: 5px;"></span> Black Similar to RAL 9005	<span style="display: inline-block; width: 15px; height: 10px; background-color: #38761d; margin-right: 5px;"></span> Bronze Green Similar to RAL 6031	
			
	Mesh - M	Mesh - D	



## Low & Positive Temperature Cold Room Application

# Prime Cold Reset

- Ideal for intensive use in positive temperature above 0.5°C helps in minimizing condensation
- The door is made of energy efficient insulated curtain mainly for temperature-controlled warehouses, fresh & cold logistics
- The flexible curtain with a soft bottom edge diminishes any potential for injury
- Its effortless break-away feature, resists damage and automatically resumes its original position in the lateral tracks in case of accidental collision
- The curtain guide system provides protection against loss of heat, ensuring an excellent insulation in rooms - between inside & outside environment



## Technical Specifications

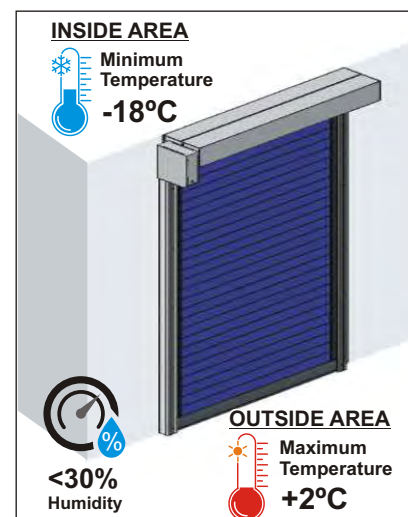
Door Type : Roll-up			
Use	Internal		Standard
Door Sizes	Max PL upto		4000 mm
	Max PH upto		4000 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking		
	Opening Speed upto		2.0 m/s
	Closing Speed		0.5 m/s
Security Features	EN 13241-1		Standard
Resistance to Wind Load	EN 12424		Class 2
Thermal Transmittance	EN 12428		4.0 W/m <sup>2</sup> K
Curtain	Fabric	0.9 - 1.5 mm	Standard
	Insulated Fabric	3.0 mm	Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium		Standard
	Galvanised Steel / Stainless Steel 304 / 316 matt finish		Optional
Shaft / Operator Cover	Straight		Optional
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N
	Open-Stop-Close Button		Standard
	Protection Category (Operator / Control)		IP 54 / IP 65
	Emergency-OFF Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector	Optional
		Induction Loop	Optional
	Bottom Wireless Safety Edge System		Standard
Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	External	<input type="checkbox"/> White	Similar to RAL 9003
	Internal	<input type="checkbox"/> White	Similar to RAL 9010









## Positive & Negative Temperature - Freezer Room Application

# Prime Freezer

- Designed specifically for temperature-controlled rooms with both positive and negative temperature range of -18°C to +2°C
- Special double curtain construction with Expanded Polyethylene (EPE) foam insulation
- Heating elements prevents ice formation even during intensive cooling
- Self-supporting construction with anti-crash protection system
- Ideal for refrigeration industry



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4500 mm	
	Max PH upto		5000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 2	
Thermal Transmittance	EN 12428		2.2 W/m <sup>2</sup> K	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Insulation	10.0 mm	Standard	
Side Guide	UHMWPE 1000		Standard	
Guide Structure Material / Surface	Aluminium		Standard	
	Galvanised Steel / Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Standard	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67		Optional
	External Route Monitoring	Inbuilt Photocell		Standard
	Door area Monitoring	Radar Presence Detector		Optional
		Induction Loop		Optional
	Reverse Proximity Sensor			Standard
	Electronic Limit Switch			Standard
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026



## Push Pull Technology, Light Bottom, Freezer Room High Speed Door











# Prime Freezer Push Pull

- Distinct push-pull technology high speed door for freezer room application
- Super quick operations and minimal maintenance
- Push Pull technology enables light bottom of the door eliminating dangerous impact on man or material movement
- Effective seal limits loss of cold air Self-supporting construction with anti-crash protection system
- Special double curtain construction with Expanded Polyethylene (EPE) foam insulation Suitable for operating temperature -30°C up to +5°C



Push Pull Technology

## Technical Specifications

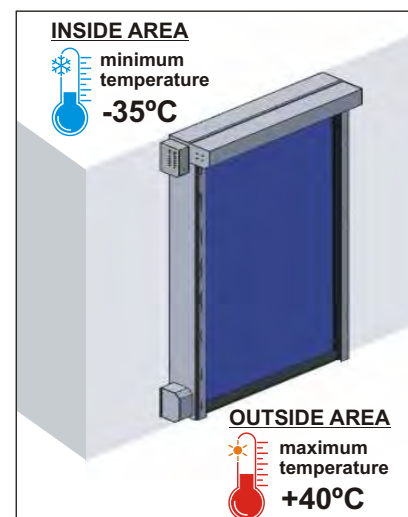
Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4000 mm	
	Max PH upto		5500 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		1.2 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 1 / 2	
Thermal Transmittance	EN 12428		2.2 W/m <sup>2</sup> K	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Insulation	10.0 mm	Standard	
Side Guide	UHMWPE 1000		Standard	
Guide Structure Material / Surface	Galvanised Steel		Standard	
	Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Standard	
Operator and Control	Connecting Voltage		415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Inbuilt Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
Electronic Limit Switch		Standard		
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026



## Innovative Dual Curtain & Blower Technology-Refrigeration Application

# Prime Freezer Duo

- Innovative dual curtain technology- simultaneous open and close operation with hot air blower
- This unique technology aids in isolating the Freezer area from other area reducing Convection
- Partial opening and full opening available to minimize convection and energy losses along with fast operations
- Prime Freezer Duo High Speed Doors are self-repairing, the door curtain resets itself in case of accidental impact
- Zero rigid elements within curtains prevent any damage to personnel and material



## Technical Specifications

Door Type : Roll-up																										
Use	Internal Door	Standard																								
Door Sizes	Max PL upto Max PH upto	6000 mm 7000 mm																								
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking Opening Speed upto Closing Speed	2.0 m/s 0.5 m/s																								
Security Features	EN 13241-1	Standard																								
Resistance to Wind Load	EN 12424	Class 2																								
Thermal Transmittance	EN 12428	2.0 W/m <sup>2</sup> K																								
Curtain	Fabric 0.9 - 1.5 mm	Standard																								
Side Guide	UHMWPE 1000	Standard																								
Guide Structure Material / Surface	Galvanised Steel Stainless Steel 304 / 316 matt finish	Standard Optional																								
Shaft / Operator Cover	Straight	Standard																								
Operator and Control	Connecting Voltage	230V – 1ph, N 415V – 3ph, N																								
	Open-Stop-Close Button	Standard																								
	Protection Category (Operator / Control)	IP 54 / IP 65																								
	Emergency-OFF Button	Optional																								
	Closing Zone Monitoring	Light Grille IP 67																								
	External Route Monitoring	Inbuilt Photocell																								
	Door area Monitoring	Radar Presence Detector Induction Loop																								
	Reverse Proximity Sensor	Standard																								
Electronic Limit Switch	Standard																									
Emergency Opening	Crank Handle	Standard																								
Standard Curtain Colours	<table border="0"> <tr> <td></td> <td>Blue</td> <td>Similar to RAL 5010</td> <td></td> <td>Red</td> <td>Similar to RAL 3002</td> </tr> <tr> <td></td> <td>Yellow</td> <td>Similar to RAL 1018</td> <td></td> <td>Grey</td> <td>Similar to RAL 7035</td> </tr> <tr> <td></td> <td>Orange</td> <td>Similar to RAL 2004</td> <td></td> <td>White</td> <td>Similar to RAL 9003</td> </tr> <tr> <td></td> <td>Black</td> <td>Similar to RAL 9005</td> <td></td> <td>Green</td> <td>Similar to RAL 6026</td> </tr> </table>		Blue	Similar to RAL 5010		Red	Similar to RAL 3002		Yellow	Similar to RAL 1018		Grey	Similar to RAL 7035		Orange	Similar to RAL 2004		White	Similar to RAL 9003		Black	Similar to RAL 9005		Green	Similar to RAL 6026	
	Blue	Similar to RAL 5010		Red	Similar to RAL 3002																					
	Yellow	Similar to RAL 1018		Grey	Similar to RAL 7035																					
	Orange	Similar to RAL 2004		White	Similar to RAL 9003																					
	Black	Similar to RAL 9005		Green	Similar to RAL 6026																					



## Self-Repairing Door With Versatile Tracks














# Sure Trac NL / VL / HL

- Extremely versatile, self-repairing, high speed door
- This high speed door travels along its track for open and close operations
- The tracks can be designed as per site configuration and space availability
- Suitable for almost any kind of existing opening, without the need to remove or reroute any obstructions
- Incorporates innovative Push-Pull technology, soft bottom bar & faster operations
- Soft bottom of the door eliminates any dangerous impact on man or material
- Built-in anti-crash system
- Smooth and silent operation while opening and closing
- Flexible curtain in self-extinguishing material
- Can be equipped with PVC vision / mesh windows for ventilation, natural light while ensuring pest & bird free environment.



Elevation - Normal Lift

## Technical Specifications

Door Type	Normal Lift, Vertical Lift, High Lift	Standard Optional			
Use	Internal	Standard			
Door Sizes	Max PL upto Max PH upto	4000 mm 4000 mm			
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking Opening Speed upto Closing Speed	2.0 m/s 0.5 m/s			
Security Features	EN 13241-1	Standard			
Resistance to Wind Load	EN 12424	Class 3			
Curtain	Fabric 0.9 - 1.5 mm Transparent PVC Section 2.0 mm	Standard Optional			
Side Guide	UHMWPE 1000	Standard			
Guide Structure Material / Surface	Galvanised Steel Stainless Steel 304 / 316 matt finish	Standard Optional			
Operator Cover	Straight	Optional			
Operator and Control	Connecting Voltage	415V – 3ph, N			
	Open-Stop-Close Button	Standard			
	Protection Category (Operator / Control)	IP 54 / IP 65			
	Emergency-OFF Button	Optional			
	Closing Zone Monitoring	Light Grille IP 67			
	External Route Monitoring	Inbuilt Photocell			
	Door area Monitoring	Radar Presence Detector Induction Loop			
	Bottom Wireless Safety Edge System	Standard			
Emergency Opening	Crank Handle	Standard			
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002	
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035	
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003	
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026	
	Optional Mesh Curtain Colours	 Black	Similar to RAL 9005	 Bronze Green	Similar to RAL 6031
	Available Vision Windows	 Round	 Oval	 Rectangle	

\*Customised printed curtain is available on request.














**Friction Resistant, Spatter proof,  
Personnel Safeguarding**

# Prime Machine

- Internal door engineered for any industrial application providing safety for personnel while Robotic operation in progress
- Reduced cycle time with fast open and close operation
- Friction resistant semi-hard PVC door bottom laced with safety sensors
- Reliable, durable and easy to operate
- Spatter proof, flexible curtain in self-extinguishing material
- IP65 electronic panel complete with open - close - emergency stop push button unit and self-test function



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4000 mm	
	Max PH upto		4000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
Closing Speed			0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 3	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Side Guide	UHMWPE 1000		Standard	
Guide Structure Material / Surface	Galvanised Steel		Standard	
	Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Limit Switch for Machine Interlocking		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Standard	
	External Route Monitoring	Inbuilt Photocell	Optional	
	Door area Monitoring	Flashing Light with Buzzer	Standard	
		Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026
Available Vision Windows	 Round	 Oval	 Rectangle	

\*Customised printed curtain is available on request.



## Innovative Space Saving Door Closing from the Bottom Up














# Prime Machine - Inverted

- The new inverted machine protection door is designed to roll from bottom to top
- Is ideal for installation in production area where heavy machinery are arranged
- Door can be mounted free standing on floor with door headroom free for movement of heavy machinery
- Protect people in highly automated areas making processes much safer without interruption in production flow
- Spatter proof, flexible curtain in self-extinguishing material



## Technical Specifications



Door Type : Roll-up				
Use	Internal Door	Standard		
Door Sizes	Max PL upto	6000 mm		
	Max PH upto	4500 mm		
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto	2.0 m/s		
	Closing Speed	0.5 m/s		
Security Features	EN 13241-1	Standard		
Resistance to Wind Load	EN 12424	Class 1		
Curtain	Fabric	0.9 - 1.5 mm		
	UV Protected PVC Section	2.0 mm		
Side Guide	UHMWPE 1000	Standard		
Guide Structure Material / Surface	Galvanised Steel	Standard		
	Stainless Steel 304 / 316 matt finish	Optional		
Shaft / Operator Cover	Straight	Optional		
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Limit Switch for Machine Interlocking		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Inbuilt Photocell	Optional	
	Door area Monitoring	Flashing Light with Buzzer	Standard	
		Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle	Standard		
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026
	Available Vision Windows			
	 Round	 Oval	 Rectangle	

\*Customised printed curtain is available on request.





# Internal High Speed Doors for Explosion Sensitive Environments

# Prime Atex

- Specifically designed for internal, explosion sensitive and potentially explosive environments
- Explosion safe construction: Stainless steel structure and antistatic synthetic parts
- Anti-Static flexible curtain without rigid elements avoids injuries and damages.
- Developed, designed and certified in accordance with the following directives:  
EN13241-1, EX Directive 2014/34/EU  
 II 2G Ex h IIC T4 Gb  
 II 2D Ex h IIIB T135 °C Db



## Technical Specifications

Door Type : Roll-up		
Use	Internal Door	Standard
Door Sizes	Max PL upto	6000 mm
	Max PH upto	6000 mm
Speed	Opening Speed upto	1.0 m/s
	Closing Speed	1.0 m/s
Security Features	EN 13241-1	Standard
Resistance to Wind Load	EN 12424	Class 2
Curtain	Anti-Static Fabric - 1700 GSM	Standard
Guide Material / Surface	Stainless Steel 304 matt finish	Standard
	Stainless Steel 316 matt finish	Optional
Shaft / Operator Cover	Straight	Standard
Operator and Control	Connecting Voltage	415V – 3ph, N
	Open-Stop-Close Button	Standard
	Operator : Inside the Ex area (Zone 2)	Standard
	Control : Outside the Ex area (Zone 3)	Standard
	Control : Inside the Ex area (Zone 2)	Optional
	External Route Monitoring Photocell	Standard
	Bottom Safety Edge System	Standard
	Mechanical Limit Switch	Standard
	Emergency Opening	Crank Handle
Standard Curtain Colours	 Blue Similar to RAL 5010	 Grey Similar to RAL 7038















## Quick, Smooth & Compact Conveyor Door

# Prime Conveyor

- Built for internal use in automated conveyor processes
- Continuous, high speed, smooth and silent operations
- Compact, self-supporting construction with anti-crash protection system
- Flexible curtain in self-extinguishing material
- Modular interchangeable panels make it easy to maintain and replace worn / damage panels
- Vertical seals made of friction-resistant semi-hard PVC
- Used within conveyor system to save energy, reduce draught and noise levels
- Advance control device with option of integration with PLC system
- Door (open / closed) position reported to the control by a volt-free contact



## Technical Specifications

Door Type : Roll-up				
Use	Internal Door		Standard	
Door Sizes	Max PL upto		4000 mm	
	Max PH upto		4000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 2	
Curtain Stabilisation / Wind Load	Aluminium		Standard	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Guide Material / Surface	Galvanised Steel		Standard	
	Aluminium / Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Optional	
Operator and Control	Connecting Voltage		230V – 1ph, N 415V – 3ph, N	
	Open-Stop-Close Button		Optional	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Photocell	Optional	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Electronic Limit Switch		Standard	
Emergency Opening	Crank Handle		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Red	Similar to RAL 3002
	 Yellow	Similar to RAL 1018	 Grey	Similar to RAL 7035
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Green	Similar to RAL 6026
Available Vision Windows	 Round	 Oval	 Rectangle	

\*Customised printed curtain is available on request.












## Bi-parting, High Speed Horizontally Moving Door

# Prime Twin

- Bi-parting, Two-way synchronous door (Sideway opening)
- This door provides immediate visibility of the internal / external environment
- Fast, safe, continuous operations
- Complete height available for passage
- Bi-parting motion makes the possibility of collision to almost zero
- High energy efficiency, durability and lower maintenance costs
- Self-supporting construction
- Equipped with transparent PVC window section
- Vertical seals made of friction-resistant semi-hard PVC



## Technical Specifications

Door Type : Two-way Slide				
Use	Internal / External Door		Standard	
Door Sizes	Max PL upto		4500 mm	
	Max PH upto		4500 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto		3.5 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 2	
Curtain Stabilisation / Wind Load	Galvanised Steel		Standard	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Guide Material / Surface	Heavy Duty Mild Steel with Paint		Standard	
	Stainless Steel 304 / 316 matt finish		Optional	
Shaft / Operator Cover	Straight		Standard	
Operator and Control	Connecting Voltage		230V – 1ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 55 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Centre Wire Safety Edge System		Standard	
Electric Limit Switch		Standard		
Emergency Opening	Manual Lever		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Translucent White	
	 Red	Similar to RAL 3002		

\*Customised printed curtain is available on request.



## Sturdy, High Speed External Door

















# Prime Plus / Prime Plus Storm

- High Speed Door for External Applications
- Compact design, Self-supporting construction with anti-crash protect system  
Flexible curtain in self-extinguishing material
- Can be customized with Mesh sections / transparent PVC sections for ventilation, natural light while ensuring pest & bird free environment
- Vertical seals made of friction-resistant semi-hard PVC
- Spring steel wind lock in curtain pocket ensures protection from higher wind loads, provides curtain stability along with silent operations



## Technical Specifications

Door Type : Roll-up				
Use	External Door			Standard
Door Sizes	Max PL upto		10000 mm	
	Max PH upto		7000 mm	
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto			2.0 m/s
	Closing Speed			0.5 m/s
Security Features	EN 13241-1			Standard
Resistance to Wind Load	EN 12424	Prime Plus	Standard	Class 3
		Prime Plus Storm	Optional	Class 4
Curtain Stabilisation / Wind Load	Spring Steel			Standard
Curtain	Fabric	0.9 - 1.5 mm		Standard
	Transparent PVC Section	2.0 mm		Standard
Guide Material / Surface	Galvanised Steel			Standard
	Aluminium / Stainless Steel 304 / 316 matt finish			Optional
Shaft / Operator Cover	Straight			Optional
Operator and Control	Connecting Voltage			230V – 1ph, N 415V – 3ph, N
	Open-Stop-Close Button			Standard
	Protection Category (Operator / Control)			IP 54 / IP 65
	Emergency-OFF Button			Optional
	Closing Zone Monitoring	Light Grille IP 67		Optional
	External Route Monitoring	Photocell		Standard
	Door area Monitoring	Radar Presence Detector		Optional
		Induction Loop		Optional
	Bottom Wireless Safety Edge System			Standard
Electronic Limit Switch			Standard	
Emergency Opening	Crank Handle			Standard
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Translucent White	
	 Red	Similar to RAL 3002		
Optional Mesh Curtain Colours	 Black	Similar to RAL 9005	 Bronze Green	Similar to RAL 6031
Available Vision Windows	 Round	 Oval	 Rectangle	












## Strong, Fold Up, High Speed External Door

# Prime King

- External High Speed Doors for Larger openings
- Fold up technology using heavy duty lifting belts making the door versatile & strong
- Self-supporting construction with flexible curtain in self-extinguishing material
- The counterweight balancing system ensures high operating standards in terms of performance & safety
- Curtain fitted with strong intermediate tubes for strength, durability wind protection
- Can be equipped with PVC sections for better visibility
- Vertical seals made of friction-resistant semi-hard PVC
- Advance and robust control device



## Technical Specifications

Door Type : Fold-up				
Use	External Door		Standard	
Door Sizes	Max PL upto		15000 mm	
	Max PH upto		15000 mm	
Speed	Opening Speed upto		2.0 m/s	
	Closing Speed		0.5 m/s	
Security Features	EN 13241-1		Standard	
Resistance to Wind Load	EN 12424		Class 3 / 4	
Curtain Stabilisation / Wind Load	Galvanised Steel		Standard	
Curtain	Fabric	0.9 - 1.5 mm	Standard	
	Transparent PVC Section	2.0 mm	Standard	
Guide Material / Surface	Galvanised Steel		Standard	
	Stainless Steel 304 / 316 matt finish		Optional	
Operator and Control	Connecting Voltage		415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
Electric Limit Switch		Standard		
Emergency Opening	Pull Cord		Standard	
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Translucent White	
	 Red	Similar to RAL 3002		












## High Speed Door with Resistant to Heavy Wind Loads

# Prime VL5

- Especially designed door ideal for extreme industrial environments to withstand high wind load and fast opening and closing
- Durable & reliable vertical lifting fabric construction
- Flexible design and minor collisions cause permanent damage
- Safety arresters to prevent free fall



## Technical Specifications

Door Type : Vertical Lifting Fold-up				
Use	External Door	Standard		
Door Sizes	Max PL upto	6000 mm		
	Max PH upto	6000 mm		
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking			
	Opening Speed upto	1.5 m/s		
	Closing Speed	0.5 m/s		
Security Features	EN 13241-1	Standard		
Resistance to Wind Load	EN 12424	Upto Class 5		
Curtain Stabilisation / Wind Load	Aluminium Intermediate Beam Section	Standard		
Water Permeability	EN 12425	Class 3		
Air Permeability	EN 12426	Class 3		
Thermal Transmittance	EN 12428	0.6 W/m <sup>2</sup> K		
Curtain	Polyester Fabric : 900 GSM	Standard		
	Transparent PVC Section	Optional		
Guide Material	Aluminium	Standard		
Operator and Control	Connecting Voltage		415V – 3ph, N	
	Open-Stop-Close Button		Standard	
	Protection Category (Operator / Control)		IP 54 / IP 65	
	Emergency-OFF Button		Standard	
	Closing Zone Monitoring	Light Grille IP 67	Optional	
	External Route Monitoring	Photocell	Standard	
	Door area Monitoring	Radar Presence Detector	Optional	
		Induction Loop	Optional	
	Bottom Wireless Safety Edge System		Standard	
	Limit Switch		Standard	
Emergency Opening	Crank Handle	Standard		
Standard Curtain Colours	 Blue	Similar to RAL 5010	 Grey	Similar to RAL 7035
	 Yellow	Similar to RAL 1018	 Green	Similar to RAL 6026
	 Orange	Similar to RAL 2004	 White	Similar to RAL 9003
	 Black	Similar to RAL 9005	 Translucent White	
	 Red	Similar to RAL 3002		



# Prime Metallic

Prime Metallic High Speed Door, is an unique, innovative high speed door. It provides the best of both worlds, that is – high speed, high frequency operations along with safety, security and anti-violability.

This door is the perfect solution for locations with high demand for logistics efficiency and heavy traffic. It is extremely aesthetically pleasing and elegant in design and construction.

Designed for high number of operations without any wear achieved due through exclusive non-contact technology.

The profile is made of aluminium alloy with thick polyurethane foam for thermal insulation or with complete polycarbonate panels for clear vision.

## Design

This completely new design of High Speed Door – Prime Metallic has boosted the opening and closing speed of the door. Its roll-up technology guides the curtain profiles into the circular spiral system. It provides a smooth, silent and wear-resistant operation. The spiral system gives an added advantage over the shaft rolled curtain leading to maximum service life. The profile of the door is sturdy, secure and well insulated which leads the door to function for a longer period of time.

## Safety Standard

This model ensures the highest level of safety for material and pedestrian movements. The safety requirements are followed according to EN 13241-1. The moving parts of the door ensure protection against infiltration and the finger trap protection. Additionally, the safety accessories like the photocells, bottom safety edge and light grills increases the door safety during its closing operation.

## Prime Metallic - Insulated Profile

The polyurethane foam added between the double skinned aluminium alloy profile provides a high level of thermal insulation against heat and sound. Prime Metallic Door is the best solution with its high speed operation, it ensures negligible energy loss.

## Prime Metallic Vista - Transparent Profile

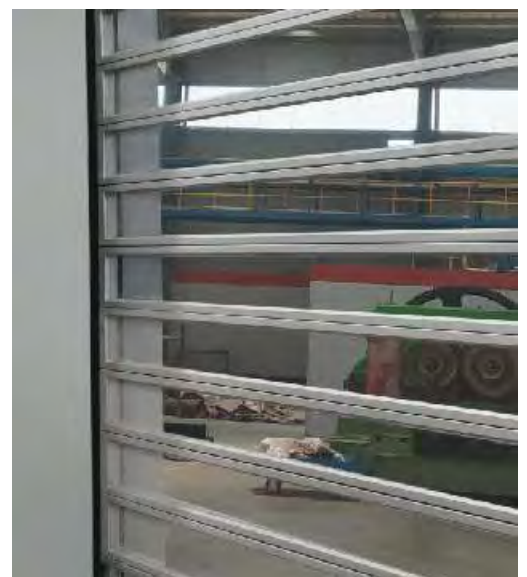
The transparent profile provides a clear view from either side of the door, which gives an advantage to avoid accidents and provide a smooth transportation. It lets light pass by which results in brighter work area also the transparent profile remains undamaged due to the spiral mechanism of the door.



Spiral Guide



Insulation Panels with Vision Panel



Fully Transparent Panels



**High Speed,  
Security & Elegance**



# Prime Metallic

- Premium door providing high speed operations along with security & anti-violability
- Perfect solution in areas with high demand for logistics efficiency and heavy traffic along with security
- Automatic super-fast opening and closing
- Door curtain roll-up in the guides instead of rolling around the shaft
- Door also available in complete fully transparent Polycarbonate sheet
- Reduces leakage of air and heat preservation
- Can be equipped with transparent PVC windows
- Torsion spring built in guide rail
- Aesthetically appealing, energy efficient, weather proof and reliable
- Available in multiple colors



Prime Metallic Vista

## Technical Specifications

Door Type : Round Spiral		
Use	Internal / External Door	Standard
Door Sizes	Max PL upto Max PH upto	6000 mm 6000 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking Opening Speed upto Closing Speed	2.5 m/s 0.5 m/s
Security Features	EN 13241-1	Standard
Resistance to Wind Load	EN 12424	Class 2 / 4
Thermal Transmittance	EN 12428 with insulated panels	1.4 W/m <sup>2</sup> K
Door Leaf / Curtain	Double-skinned Section Thickness Polyurethane Foam Insulation	40 Standard
Door Leaf Material / Surface	Aluminium Alloy / Anodized	Standard
Full Transparent Door	Polycarbonate material - Prime Metallic Vista	Optional
Side Guide	Anodized Aluminium	Standard
Guide Structure Material / Surface	Galvanised Steel	Standard
Shaft / Operator cover	Straight	Standard
Operator and Control	Connecting Voltage	230V – 1ph, N
	Open-Stop-Close Button	Standard
	Protection Category (Operator / Control)	IP 55 / IP 65
	Emergency-OFF Button	Optional
	Closing Zone Monitoring	Light Grille IP 67
	External Route Monitoring	Photocell
	Door area Monitoring	Radar Presence Detector Induction Loop
	Bottom Wireless Safety Edge System	Standard
	Electronic Limit Switch	Standard
Emergency Opening	Manual Leveler	Standard
Standard Curtain Colours	<span style="display: inline-block; width: 15px; height: 10px; background-color: silver; border: 1px solid black;"></span> Silver	

\*Other colour is available on request.



**Tough & Reliable Doors For  
Yours Challenging Environments**

# Prime Mining

- Heavy Duty Rubber Door Systems for Challenging Environments
- Perfect solution in area with high demand for Manufacturing process and maintenance buildings in : mining, petroleum, military, agriculture, pulp & paper, and steel
- Door systems are designed to withstand dirt, corrosion, high-wind conditions and extreme temperatures.
- Tough and Reliable Doors for Your Challenging Environments
- Heavy-duty steel frame – withstands accidental impact, and rigorous environments
- Self supporting construction with in-built anti -crash protection system
- Advance and robust control device

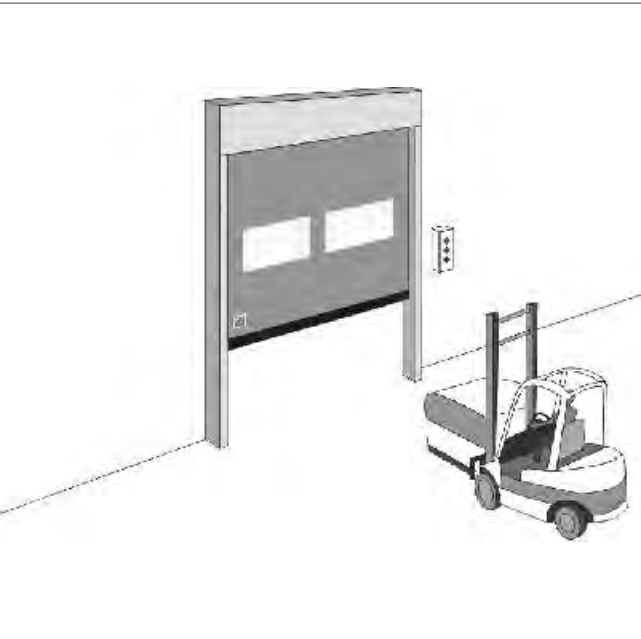


## Technical Specifications

Door Type : Roll-up			
Use	External Door	Standard	
Door Sizes	Max PL upto	6000 mm	
	Max PH upto	6000 mm	
Speed	Opening Speed upto	1.0 m/s	
	Closing Speed	0.5 m/s	
Security Features	EN 13241-1	Standard	
Resistance to Wind Load	EN 12424	Class 4	
Curtain	Styrene Butadiene Rubber (SBR) with polyester cord center	Standard	
Guide Material / Surface	Heavy Duty Mild Steel with Paint	Standard	
	Stainless Steel 304 / 316 matt finish	Optional	
Operator and Control	Connecting Voltage	415V – 3ph, N	
	Open-Stop-Close Button	Standard	
	Protection Category (Operator / Control)	IP 54 / IP 65	
	Emergency-OFF Button	Optional	
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Standard
	Door area Monitoring	Radar Presence Detector	Optional
		Induction Loop	Optional
	Bottom Wire Safety Edge System		Standard
Electric Limit Switch		Standard	
Emergency Opening	Crank Handle	Standard	
Standard Curtain Colours	■ Black		

\*Other dimensions available on request.

# Accessories



## Manually Operated Controls

Push-buttons are used predominantly for personnel traffic. Mounted on walls or columns in the vicinity of a door. In situations where the hands are always free push-buttons are a solution

## Single Station Push Button

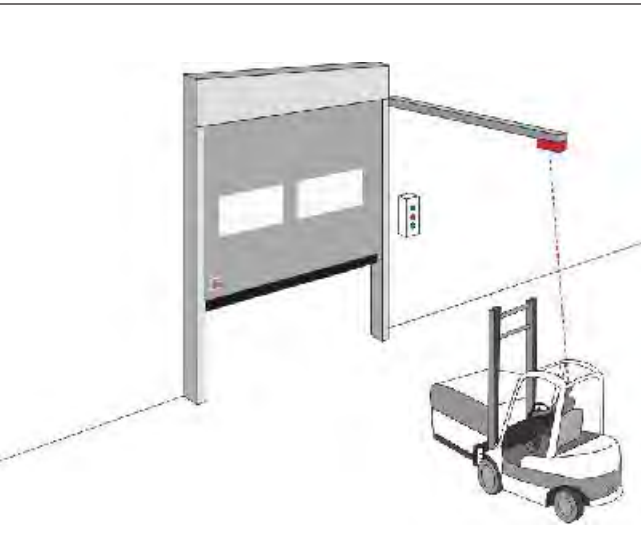
Plastic housing IP 65

## Three Station Push Button

“Open/Emergency-Stop/Close”  
Plastic housing IP 65.

## Wave Sensor

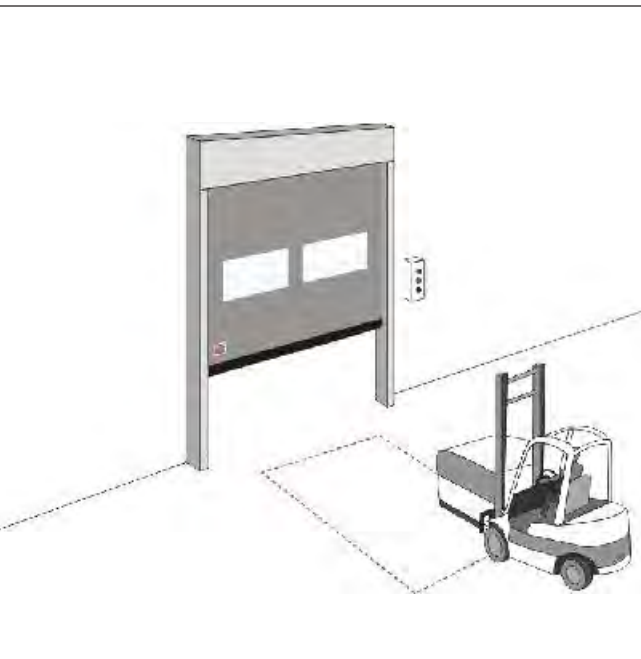
Wave sensor provide touchless operation



The hand operated Pull Cord is used mainly for forklift truck traffic so the driver can operate the switch without getting out of the vehicle.

## Pull Cord

Horizontal or vertical fitting possible, galvanised with chain control.



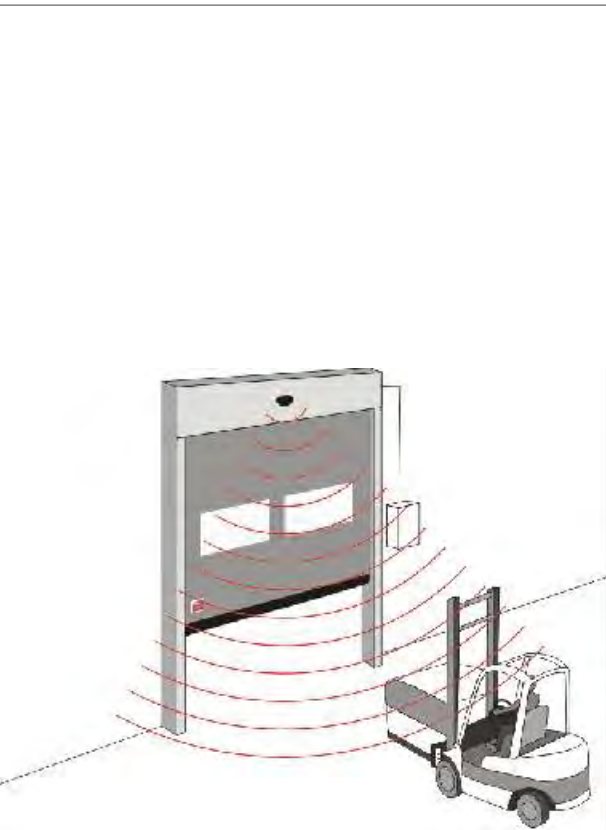
## Induction Loops

An induction loop is laid in the floor and only reacts to metal objects.

## Magnetic Loop Detector

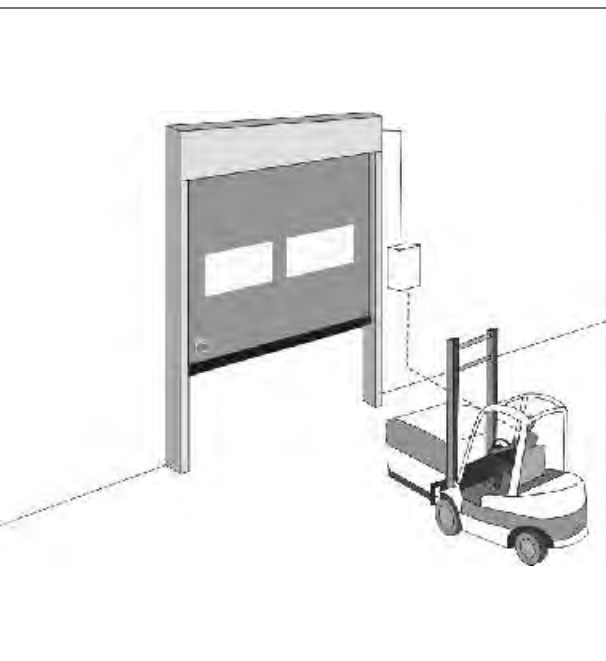
An Induction loop causes a magnetic field. Pedestrians are not detected by the induction loop, but both moving and stationary vehicles are detected. For this reason, this can also be used as a safety device. As the loop is aligned continuously, interference through thermic influences, dampness or long term changes in component data is entirely eliminated. This guarantees maximum operational reliability and security against malfunction.





### Microwave Radar with Function Discrimination

One way microwave radar with independent function selection: vehicle-pedestrian sideway transit A radar motion detector is used, when reliable coverage is required, be it in the case of people or vehicles. With the correct settings, the radar motion detector can even blank out people in the area covered. The radar system also has a direction detection feature which, when activated, recognises only those vehicles or people moving in the direction of detector. Housing protection IP 65.



### Microwave Radar

Microwave Radar only detects moving objects. This has a conical detection area, only covers a restricted area in front of door and is direction-sensitive. The size, direction and sensitivity of the radar field are adjustable. The door is opened by people or vehicles approaching the radar beams. Normally fitted with automatic closing. Unlimited access.



### Remote Controls

Infrared detection, fast and automatic door opening.

### Radio Remote Control

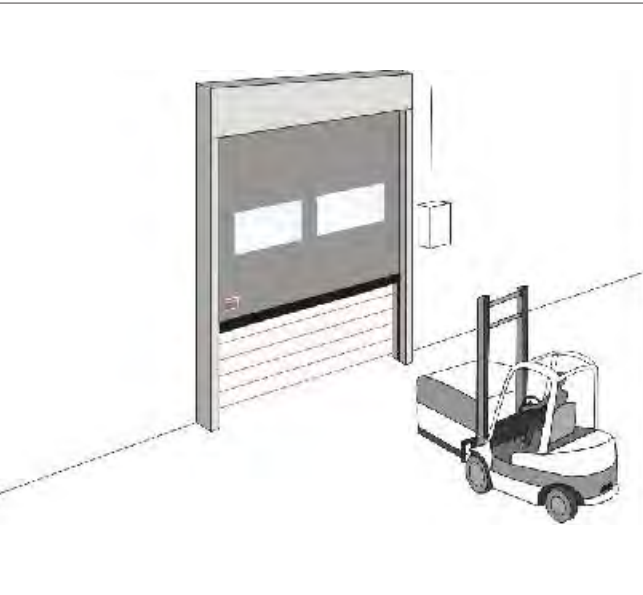
Radiographic operation (transmitter & receiver) offers the possibility of selective operation. Only vehicles or personnel with a transmitter can open or shut the door. The transmitters may have one or more channels.



### 2 / 4 Channel Hand Transmitter

The radio transmitter is available as 1,2,3 or 4-command standard design for a 433 MHZ frequency.

# Accessories

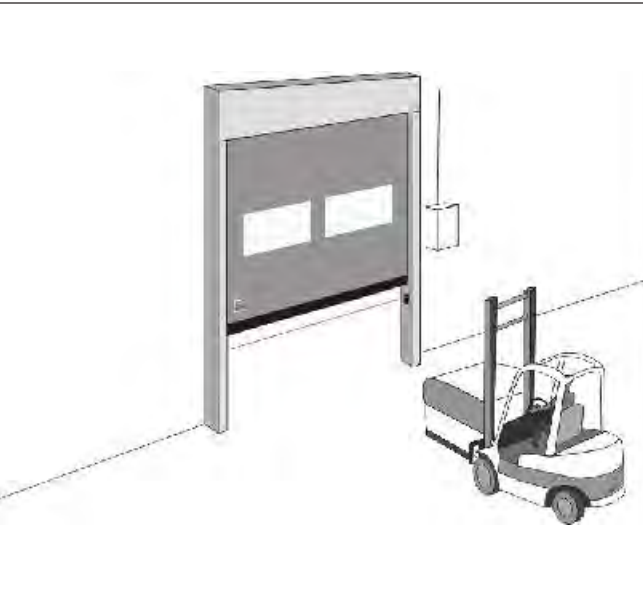


## String Safety Photosensors (Light Grille)

The Light curtain has larger detection range and provides greater safety than photocells.

This consist of a beam transmitter and receiver. If there is an object in the area covered, i.e. if at least one of the beams is dimmed, the output of the receiver interrupts a hazardous movement of the door, and/or prevent door actuation. String Safety Photosensor monitors the closing zone of the door upto a height of 2700 mm.

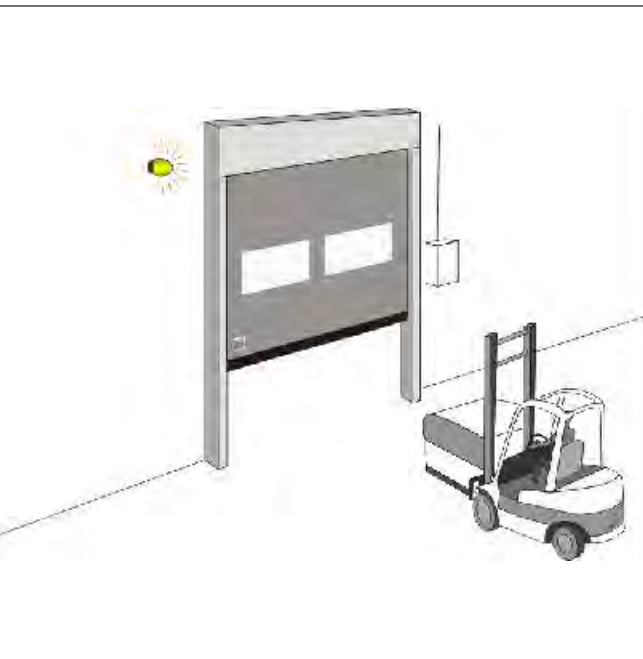
PCB two-channel receiver, 12-24 VDC to be connected to the control panel or to card-holding base.



## Photocells

The photocell is mainly used to monitor the passageway. As long as the photocell beam is broken the door will not close. Two distinguished functions of the photocells

- a) Open : The door opens when the photocell beam is interrupted.
- b) Safety : The door remains open as long as the photocell beam is interrupted.



## Safety Equipment

Visually signifies door operation.

### Traffic Light

Traffic lights for visual coverage, can be combined with each actuator and serve safety requirements.

Normal position of the door (both lights off) Opening impulse (both lights red).

Door is open (One light red, other light green)

Closing impulse (both lights red) Red / Green traffic light with mounting straps IP65.



### Flashing Light with or without Buzzer

Flashing light serves safety requirements. They give visual signals for opening and closing impulse.

Plastic housing IP 65.

# Control Units



## Technical Specifications

<b>Model</b>	<b>GAPL 31X IE</b>
<b>Use</b>	Control Unit for use with integrated frequency control Internal / External Doors with power ranges according to type of application: 0.75 kW, 1.5 kW, 3.0 kW & 4.0 kW
<b>Operation</b>	Open-Stop-Close Membrane Push Button display to provide information on door functions
<b>Function</b>	3 Button, Open-Stop-Close automatic timer hold-open phase adjustable Safety Light Grille Close Edge Safety Device
<b>Impulse Generator</b>	Push Button Pull Switch Microwave Radar Mushroom Push Button Radar Detector Induction Loop Detector Remote Control
<b>Optional extras</b>	Interlocking system of two doors Flashing Light Traffic Light (Red/Green) Door Position Detection
<b>Housing Dimensions</b>	245 mm x 455 mm x 200 mm / 260 mm x 550 mm x 245 mm
<b>Protection Grade</b>	IP 65
<b>Temperature Range</b>	In operation : -10°C to +55°C In storage : -25°C to +70°C
<b>Wiring</b>	415V, 3 ph, N, PE, Fuse 10 A
<b>Installation</b>	Vertically on the wall, minimum height of 1100 mm



**STAR EXPORT HOUSE**  
(Government of India Recognised)



ISO 9001 : 2015, ISO 14001 : 2015  
ISO 45001 : 2018

Gandhi Automations operates a policy of continuous development and reserves the right to make technical modifications / replacements without prior notice.

# GANDHI

Automations Pvt Ltd

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