HIGH SPEED DOORS

GANDHI
Automations Pvt Ltd

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

EUROPEAN COLLABORATION AND TECHNOLOGY WITH INNOVATIVE AND CREATIVE ENGINEERING FOR MORE THAN 30 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.

SAFETY AND QUALITY GO HAND IN HAND

10 YEARS GUARANTEED AVAILABILITY

CRISIL An S&P Global Company Ratings

INDIAN GREEN BUILDING COUNCIL IGBC MEMBER

TÜV AUSTRIA CERTIFIED
EN ISO 9001 20100233018576
EN ISO 14001 20104233018577
ISO 45001 20116233018578

CE

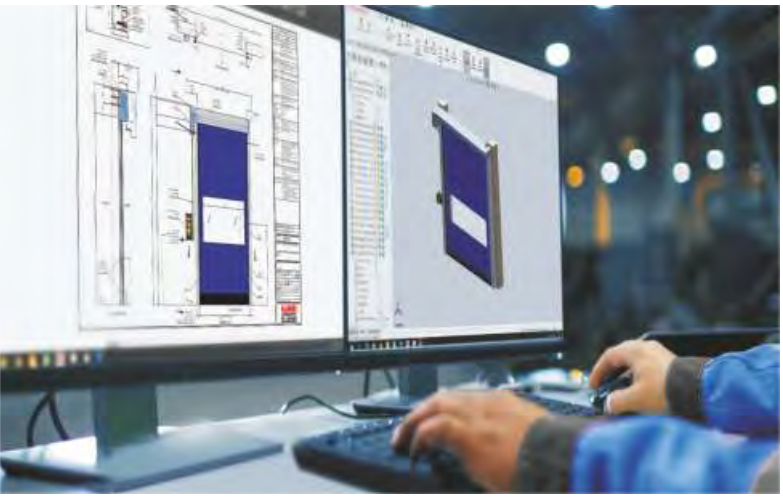
ORIGINAL SPARE PARTS

Guaranteed original spare parts availability for 10 years

CONTENTS

4 Our Quality for Your Safety
6 High Performance Door Application
8 Prime 2.0
10 Prime NEO
12 Prime Clean Reset
16 Prime NEO CR
18 Prime Food
22 Prime Reset 2.0
24 Prime Reset Push Pull
26 Prime Reset EE
28 Prime Reset - ISM
30 Prime Mesh-M / Prime Mesh-D
32 Prime Cold Reset
34 Prime Freezer
36 Prime Freezer Push Pull
38 Prime Freezer Duo
40 Sure Trac NL / VL / HL
42 Prime Machine
44 Prime Machine Inverted
46 Prime Atex
48 Prime Conveyor
50 Prime Twin
52 Prime Plus 2.0 / Prime Plus Storm 2.0
54 Prime King
56 Prime VL5
58 Prime Metallic
62 Prime Mining
64 Accessories
67 Control Units

Our Quality for Your Safety



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 and ISO 45001:2018 by TÜV Austria. This has resulted in implementing continuous improvement towards personnel training, production, equipment calibration, machinery maintenance, logistics and customer relations.

Nationwide Network

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

Advance Manufacturing

Our strategically located state of the art manufacturing and warehousing facility of 8,00,000 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 minimizes 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 2.0

- 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

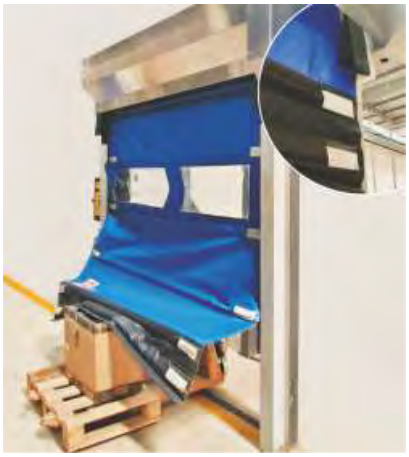
Door Type : Roll-up			
Use	Internal Door		Standard
Door Sizes	Max PL upto Max PH upto		6000 mm 6000 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking Opening Speed upto Closing Speed		 2.0 m/s 0.5 m/s
Security Features	EN 13241-1		Standard
Resistance to Wind Load	EN 12424		Class 1
Curtain Stabilisation / Wind Load	Aluminium		Standard
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Guide Material / Surface	Galvanised Steel Aluminium / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Standard
	External Route Monitoring	Light Grille IP 67	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Optional
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002		Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White
Optional Mesh Curtain Colours	Black Similar to RAL 9005		Bronze Green Similar to RAL 6028
Available Vision Windows	Round	Oval	Rectangle

*Customised printed curtain is available on request.

Self-Repairable, Multi-Composite Guide Structure

Prime NEO

- Superior sealing to avoid dust entry
- Guide made up of multi-composite materials that are more resistant to corrosion than most conventional metals
- Innovative anti-crash system with unique self-repairing feature
- Self-resetting without any intervention and quickly back to operation
- Diminishes the risk of airborne contamination
- Reduced energy consumption and enhanced savings
- Designed for continuous, high speed - high frequency operations
- Smooth and noise-free operation cycles



Self-Repairing

Technical Specifications

Door Type : Roll-up			
Use	Internal 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		 2.0 m/s 0.5 m/s
Security Features	EN 13241-1		Standard
Resistance to Wind Load			Class 2
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 Green Similar to RAL 6026

Prime Clean Reset

SELF - REPAIRING

Differential Air Pressure

Under Pressure

Over Pressure

GANDHI

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 filling 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 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
Cleanroom Class			ISO Class 5
Resistance to Wind Load	EN 12424		Class 3
Permeability Air	EN 12426, EN 12427		< 12 m^3/m^2h Δ 50 PA
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 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 CR

- Superior sealing to avoid dust entry, maintain asepsis and sterility
- Guide made up of multi-composite materials that are outperform stainless steel in corrosion resistance
- Designed for clean room area and corrosive environment
- Diminishes the risk of airborne contamination
- Easy to clean & disinfect, door is resistant to spray water
- 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 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
Cleanroom Class			ISO Class 5
Resistance to Wind Load			Class 3
Permeability Air	EN 12426, EN 12427		< 12 m^3/m^2h Δ 50 PA
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard

Standard Curtain Colours	Blue	Similar to RAL 5002	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

Enhanced Hygiene, Wash Down Compatible

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.

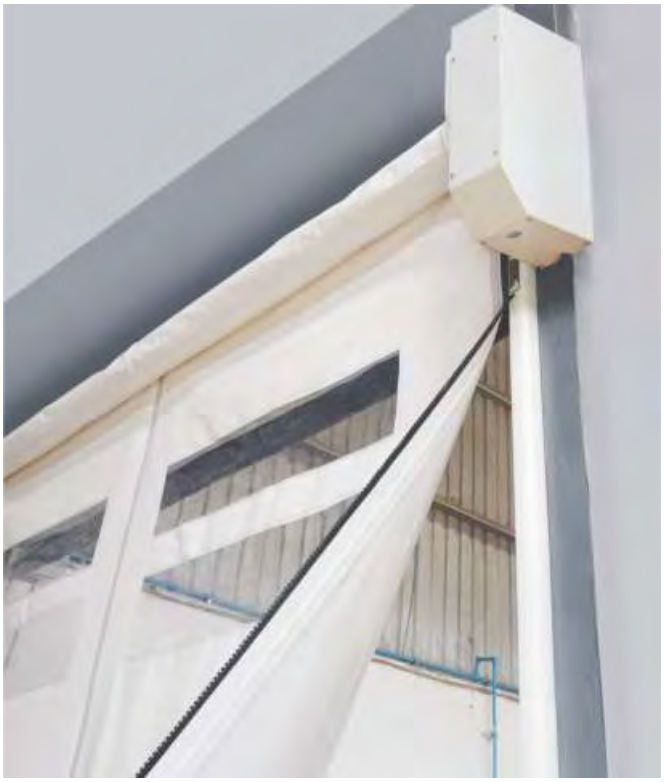
Employee and Material Safety

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.

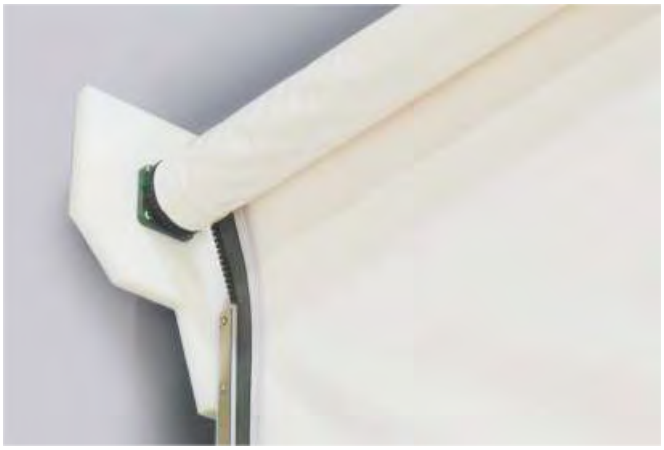
Wash-down Door

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

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 Max PH upto		4500 mm 4500 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
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Reverse Proximity Sensor		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 Green Similar to RAL 6026
Available Vision Windows	Round	Oval	Rectangle

*Customised printed curtain is available on request.

Self-Repairing, Flexible Curtain

Prime Reset 2.0

- 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 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		 2.0 m/s 0.5 m/s
Security Features	EN 13241-1		Standard
Resistance to Wind Load	EN 12424		Class 3
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium Galvanised Steel / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Standard
	External Route Monitoring	Light Grille IP 67	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Optional
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002		Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White
Optional Mesh Curtain Colours	Black Similar to RAL 9005		Bronze Green Similar to RAL 6028
Available Vision Windows	Round	Oval	Rectangle / Full Curtain

*Customised printed curtain is available on request.

Push Pull Technology, Soft Bottom, Self-Repairing

Prime Reset Push Pull

- Driven by push-pull technology, offering effortless operation and seamless functionality.
- Featuring an innovative anti-crash system with a unique self-repairing feature, it resets autonomously after collisions, ensuring uninterrupted operation.
- Experience unmatched speed, designed to open and close swiftly, optimizing traffic flow and productivity in industrial and commercial environments.
- Flexible curtain in self-extinguishing material
- Featuring a self-lubricating, maintenance-free guide system, the door operates smoothly and quietly, reducing the need for regular maintenance and saving time and resources.

Push Pull Technology

Technical Specifications

Door Type : Roll-up			
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		 2.0 m/s 0.5 m/s
Security Features	EN 13241-1		Standard
Resistance to Wind Load	EN 12424		Class 3
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium Galvanised Steel / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002		Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White
Optional Mesh Curtain Colours	Black Similar to RAL 9005		Bronze Green Similar to RAL 6028
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 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		 2.0 m/s 0.5 m/s
Security Features	EN 13241-1		Standard
Resistance to Wind Load	EN 12424		Class 1
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium Galvanised Steel / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002		Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White

*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 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 Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium Galvanised Steel / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002		Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White
Optional Mesh Curtain Colours	Black Similar to RAL 9005		Bronze Green Similar to RAL 6028
Available Vision Windows	Round	Oval	Rectangle Full Curtain

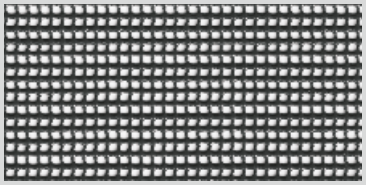
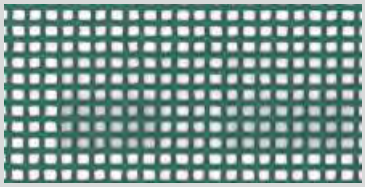
*Customised printed curtain is available on request.

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 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		 2.0 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 POLYMAR® Scrim Mesh - D 580 GSM		Standard Optional
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium Galvanised Steel / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Mesh Curtain Colours	Black Similar to RAL 9005  Mesh - M	Bronze Green Similar to RAL 6028  Mesh - D	

Low & Positive Temperature Cold Room Application

Prime Cold Reset

- Ideal for intensive use in positive temperature above 0.5ºC 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

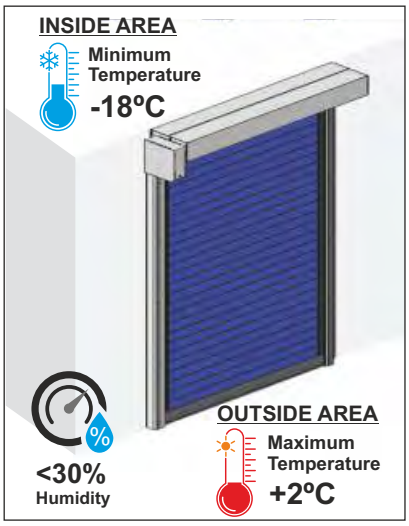
Technical Specifications

Door Type : Roll-up			
Use	Internal		Standard
Door Sizes	Max PL upto 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 2
Thermal Transmittance	EN 12428		4.0 W/m^{2}K
Curtain	Fabric Insulated Fabric	0.9 - 1.5 mm 3.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium Galvanised Steel / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	External ☐ White Similar to RAL 9003 Internal ☐ 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 -18ºC to +2ºC
- 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 Max PH upto		4500 mm 5000 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		2.2 W/m²K
Curtain	Fabric Insulation	0.9 - 1.5 mm 10.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Aluminium 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Reverse Proximity Sensor		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 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 -30ºC up to +5ºC

Push Pull Technology

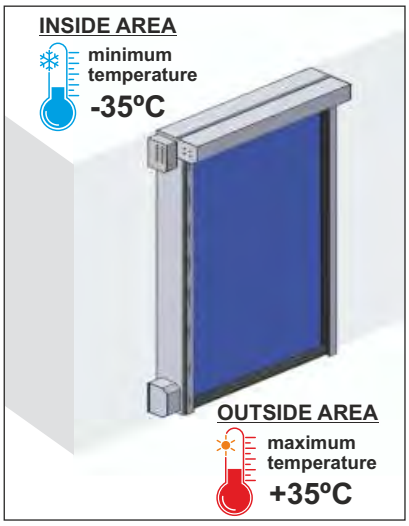
Technical Specifications

Door Type : Roll-up			
Use	Internal Door		Standard
Door Sizes	Max PL upto Max PH upto		4000 mm 5500 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking Opening Speed upto Closing Speed		 1.2 m/s 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/m²K
Curtain	Fabric Insulation	0.9 - 1.5 mm 10.0 mm	Standard 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		415V – 3ph, N
	Open-Stop-Close Button		Standard
	Protection Category (Operator / Control)		IP 54 / IP 65
	Emergency-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 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/m²K
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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Reverse Proximity Sensor		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 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 Transparent PVC Section	0.9 - 1.5 mm 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 Green Similar to RAL 6026
Optional Mesh Curtain Colours	Black Similar to RAL 9005		Bronze Green Similar to RAL 6028
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 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 Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Galvanised Steel Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Standard
	External Route Monitoring	Inbuilt Photocell	Optional
	Door area Monitoring	Flashing Light with Buzzer Radar Presence Detector Induction Loop	Standard Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005	Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 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 Max PH upto		6000 mm 4500 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 1
Curtain	Fabric UV Protected PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Side Guide	UHMWPE 1000		Standard
Guide Structure Material / Surface	Galvanised Steel Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Inbuilt Photocell	Optional
	Door area Monitoring	Flashing Light with Buzzer Radar Presence Detector Induction Loop	Standard Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 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 Max PH upto	6000 mm 6000 mm
Speed	Opening Speed upto Closing Speed	1.0 m/s 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 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 2
Curtain Stabilisation / Wind Load	Aluminium		Standard
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Guide Material / Surface	Galvanised Steel Aluminium / Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Optional
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005		Red Similar to RAL 3002 Grey Similar to RAL 7035 White Similar to RAL 9003 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 Max PH upto		4500 mm 4500 mm
Speed	Inverter Motion system to adjust different speeds, with progressive control of acceleration & deceleration during braking Opening Speed upto Closing Speed		 3.5 m/s 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 Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Guide Material / Surface	Heavy Duty Mild Steel with Paint Stainless Steel 304 / 316 matt finish		Standard 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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Centre Wire Safety Edge System		Standard
	Electric Limit Switch		Standard
Emergency Opening	Manual Lever		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002	Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White	

*Customised printed curtain is available on request.

Sturdy,
High Speed External Door

Prime Plus 2.0 / Prime Plus Storm 2.0

- 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 Max PH upto			10000 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	Prime Plus Prime Plus Storm	Standard Optional	Class 3 Class 4
Curtain Stabilisation / Wind Load	Spring Steel			Standard
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm		Standard Standard
Guide Material / Surface	Galvanised Steel Aluminium / Stainless Steel 304 / 316 matt finish			Standard 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-STOP Button			Optional
	Closing Zone Monitoring	Light Grille IP 67		Standard
	External Route Monitoring	Light Grille IP 67		Standard
	Door area Monitoring	Radar Presence Detector Induction Loop		Optional Optional
	Bottom Wireless Safety Edge System			Optional
	Electronic Limit Switch			Standard
Emergency Opening	Crank Handle			Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002		Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White	
Optional Mesh Curtain Colours	Black Similar to RAL 9005		Bronze Green Similar to RAL 6028	
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 Max PH upto		15000 mm 15000 mm
Speed	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 / 4
Curtain Stabilisation / Wind Load	Galvanised Steel		Standard
Curtain	Fabric Transparent PVC Section	0.9 - 1.5 mm 2.0 mm	Standard Standard
Guide Material / Surface	Galvanised Steel Stainless Steel 304 / 316 matt finish		Standard Optional
Operator and Control	Connecting Voltage		415V – 3ph, N
	Open-Stop-Close Button		Standard
	Protection Category (Operator / Control)		IP 54 / IP 65
	Emergency-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electric Limit Switch		Standard
Emergency Opening	Pull Cord		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002	Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White	

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 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		 1.5 m/s 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^{2}K
Curtain	Polyester Fabric : 900 GSM Transparent PVC Section		Standard 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-STOP Button		Standard
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Limit Switch		Standard
Emergency Opening	Crank Handle		Standard
Standard Curtain Colours	Blue Similar to RAL 5002 Yellow Similar to RAL 1018 Orange Similar to RAL 2004 Black Similar to RAL 9005 Red Similar to RAL 3002		Grey Similar to RAL 7035 Green Similar to RAL 6026 White Similar to RAL 9003 Translucent White

High Speed, Security & Elegance

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

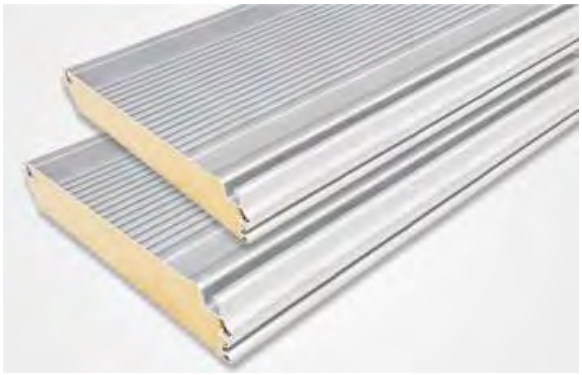
This model ensures the highest level of safety for material and pedestrian movements. The safety requirements are followed according to EN 13241-1. The moving parts of the door ensure protection against infiltration and the finger trap protection. Additionally, the safety accessories like the photocells,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

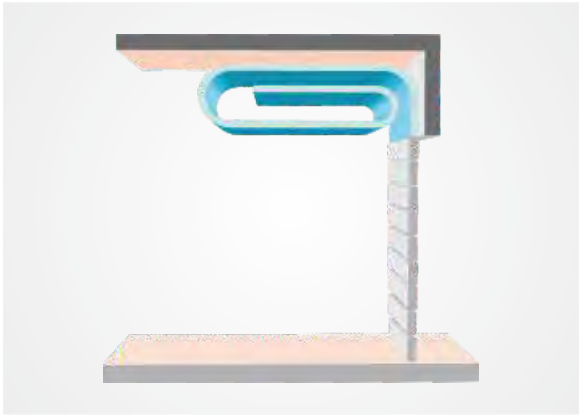
Prime Metallic Vista - Transparent Profile

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.



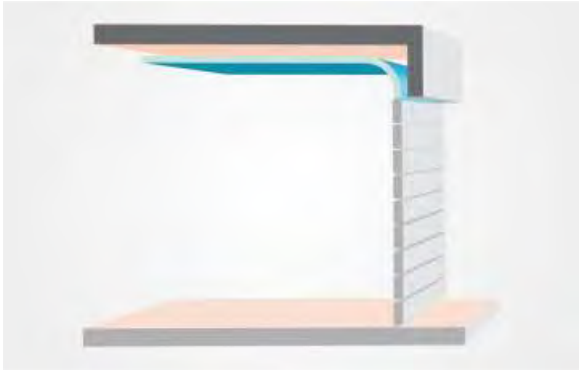
Round Spiral:

The round spiral design offers a classic and robust solution suitable for various applications. Its timeless design ensures durability and reliability, making it ideal for garages, warehouses, and industrial facilities with ample space available above the door.



Oval Spiral:

The oval spiral design provides a space-saving alternative without compromising functionality. It's perfect for installations with structural constraints or limited overhead space, making it ideal for storefronts, small garages, and retail spaces.



Low-header:

The low-header model is specifically designed for locations with limited vertical clearance, such as underground parking facilities and low-ceiling areas. It seamlessly integrates with the building structure while maintaining high levels of security and safety.

Spiral Guide

Insulation Panels with Vision Panels

Fully Transparent Panels

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^{2}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-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional Optional
	Bottom Wireless Safety Edge System		Standard
	Electronic Limit Switch		Standard
Emergency Opening	Manual Leveler		Standard
Standard Curtain Colours	Silver		

*Other colour is available on request.

Tough & Reliable Doors For Yours Challenging Environments

Prime Mining

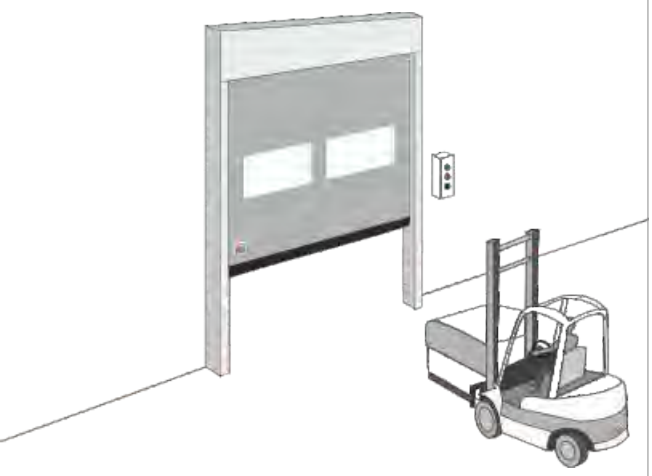
- Heavy Duty Rubber Door Systems for Challenging Environments
- Perfect solution in area with high demand for Manufacturing process and maintenance buildings in : mining, petroleum, military, agriculture, pulp & paper, and steel
- Door systems are designed to withstand dirt, corrosion, high-wind conditions 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 Max PH upto		6000 mm 6000 mm
Speed	Opening Speed upto Closing Speed		1.0 m/s 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 Stainless Steel 304 / 316 matt finish		Standard Optional
Operator and Control	Connecting Voltage		415V – 3ph, N
	Open-Stop-Close Button		Standard
	Protection Category (Operator / Control)		IP 54 / IP 65
	Emergency-STOP Button		Optional
	Closing Zone Monitoring	Light Grille IP 67	Optional
	External Route Monitoring	Photocell	Standard
	Door area Monitoring	Radar Presence Detector Induction Loop	Optional 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

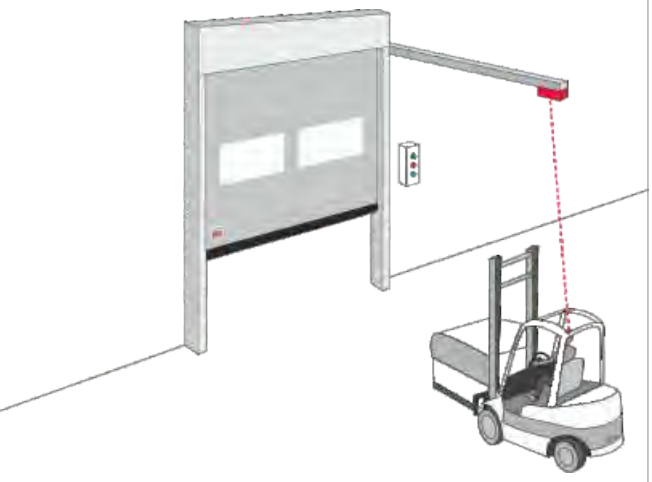
Plastic housing IP 65

Three Station Push Button

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

Wave Sensor

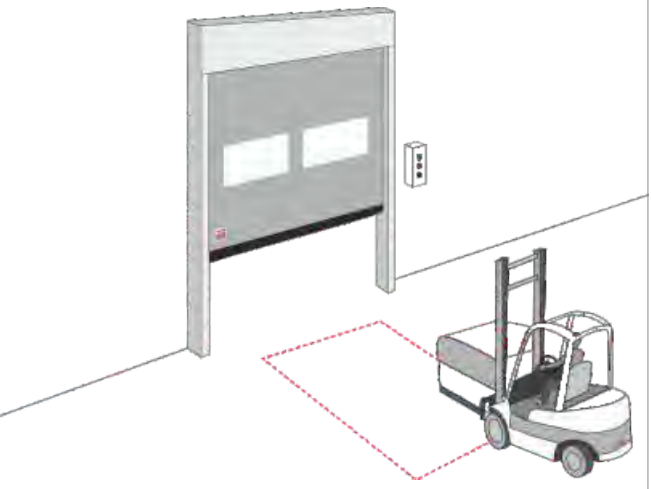
Wave sensor provide touchless operation



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.

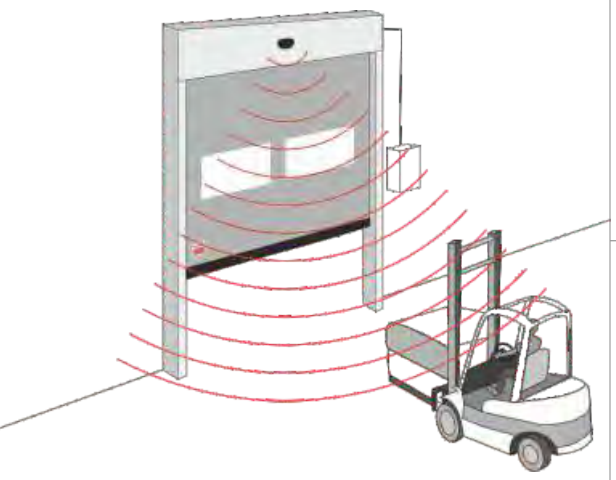


Induction Loops

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.

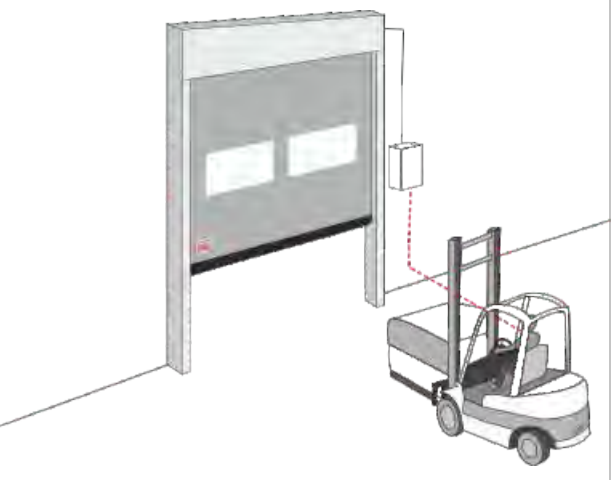


Microwave Radar with Function Discrimination

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.

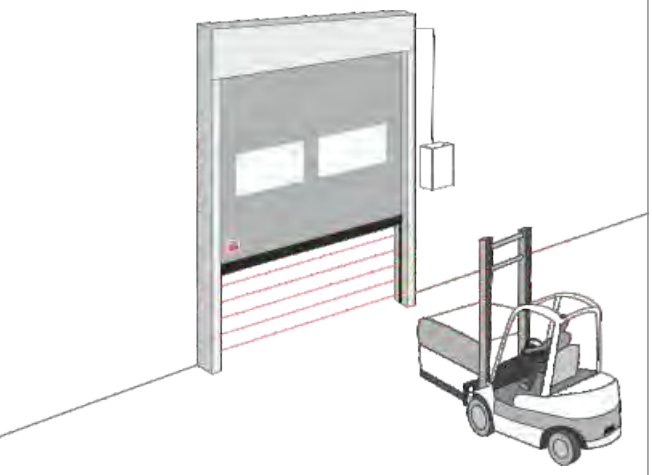
Radio Remote Control

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

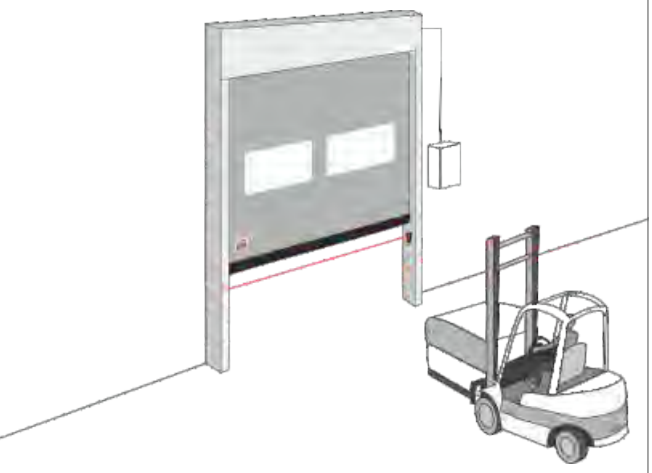


String Safety Photosensors (Light Grille)

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.

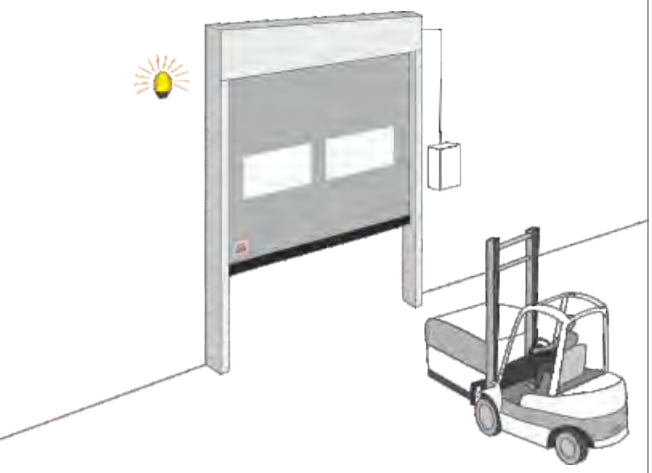


Photocells

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)

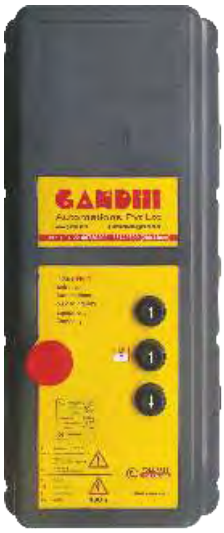
Closing impulse (both lights red) Red / Green traffic light with mounting straps IP65.

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

Model	GAPL 32X IE
Use	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
Operation	Open-Stop-Close Membrane Push Button display to provide information on door functions
Function	3 Button, Open-Stop-Close automatic timer hold-open phase adjustable Safety Light Grille Close Edge Safety Device
Impulse Generator	Push Button Pull Switch Microwave Radar Mushroom Push Button Radar Detector Induction Loop Detector Remote Control
Optional extras	Interlocking system of two doors Flashing Light Traffic Light (Red/Green) Door Position Detection
Housing Dimensions	245 mm x 455 mm x 200 mm / 260 mm x 550 mm x 245 mm
Protection Grade	IP 65
Temperature Range	In operation : -10°C to +55°C In storage : -25°C to +70°C
Wiring	415V, 3 ph, N, PE, Fuse 10 A
Installation	Vertically on the wall, minimum height of 1100 mm

STAR EXPORT HOUSE
(Government of India Recognised)

EN ISO 9001
20100233018576
EN ISO 14001
20104233018577
ISO 45001
20116233018578

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

GANDHI
Automations Pvt Ltd

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

CORPORATE OFFICE

Chawda Commercial Centre, Link Road, Malad (W), Mumbai-400064, India
Tel : +91 22 6672 0200 / 6672 0300 (200 Lines)
Fax : +91 22 6672 0201
Email : sales@geapl.com
Website: www.geapl.com

TOLL FREE
1800 209 0200
From Anywhere in India

Ahmedabad	- 93273 01555	Hyderabad	- 93473 75737	New Delhi	- 93131 99044
Bengaluru	- 93435 09090	Indore	- 93034 64410	Patna	- 93219 76557
Bhopal	- 93292 94939	Jaipur	- 93520 41024	Pune	- 93245 30710
Bhubaneswar	- 93385 69889	Jamshedpur	- 93219 76556	Raipur	- 93524 40068
Chandigarh	- 93176 41324	Kochi	- 93882 04774	Ranchi	- 93044 95570
Chennai	- 93809 31777	Kolkata	- 93300 60855	Surat	- 93270 97410
Coimbatore	- 93452 99944	Lucknow	- 93055 67760	Vadodara	- 93756 41357
Goa	- 93731 37970	Mangalore	- 93797 41352	Visakhapatnam	- 93463 34102
Guwahati	- 93248 98159	Nagpur	- 93250 45410		

04-2026