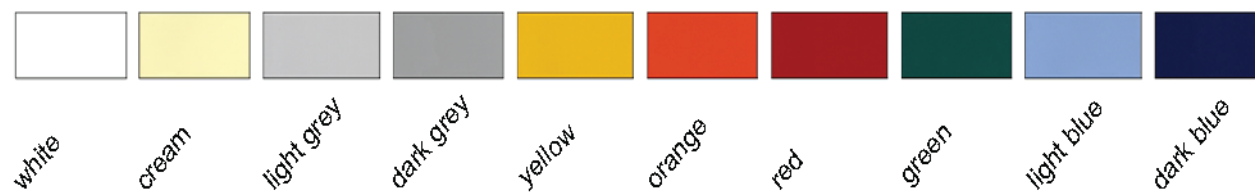


Available colours for pvc shutter:



High Speed Door

DIVEN BY INNOVATION!



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ROLL UP DOOR



HIGH SPEED ROLLING TYPE DOOR:

- High usage, fast action and easy installation along with safety edge.
- Structure environments metallic, self supporting
- Controlling environments conditions inside the factory

THIS TYPE OF VERTICAL ROLL DOORS CONSISTS OF:

- Aluminium anodized structure, duly shaped to slide into side tracks and carry the rolling shaft
- Anti-tear, Class 2 self-extinguishing PVC fabric, in one whole piece with special side hinges with a combination of transparent and opaque parts in a range of colours as described herein
- Upon request you can have motor with inverter incorporated to control up-and-down movements guaranteeing soft
- opening/landings and a long-term mechanical functioning
- Emergency system through a handle

ADVANTAGES & FEATURES OF THE HIGH-SPEED ROLL UP DOOR

- Best suited to passages and for closing off hygienic areas in the industry.
- Fast opening and closing ensure constant temperature
- Smooth, easily cleaned surface
- Hinged side frames for easy and thorough cleaning (optional)
- Integrated cable routing ensures a smooth total surface area
- Space-saving construction
- Security and transit
- Maintain hygiene level
- Reduce contamination due to the ingress of vermin & pests
- Improve the flow of traffic to busy doorways
- Opening / closing speed 1 m/sec to 1.5 m/sec.
- Advance drives & control with built-in high safety features
- Various RAL colors available

DOOR DESIGN

The side frames, shaft and bottom profile are made up of aluminium.

DOOR CURTAIN

The door has a curtain of PVC fabric. A wide range of RAL colours of the fabrics sheets are available on request.

DRIVE

The drive unit is a geared brake motor. It may be fitted on the right or left.

CONTROL

An AS 210/CS 300 frequency converter is available as a control.

MANUAL ACTIVATION

In the event of interruption or a power failure, the door can be opened via an emergency crank handle.

TECHNICAL OVERVIEW

| Product Details | |
|---|----------------------------------|
| Door dimensions (W min./max.) (H min./max.) | 1000 / 5000 mm 1000 / 5000 mm |
| Opening direction | vertical |
| Opening/closing speed | 1 m / sec |
| Mounting Location | Inside |

| Door Curtain | |
|--------------------------------------|--|
| Curtain Material | PVC Fabric |
| Curtain weight | 900 gm/sqm |
| Tensile Strength: warp/weft (N/5 cm) | 4300/4000 N |
| Tear Strength | 500/500 N |
| Cold Resistance | -30°C |
| Heat Resistance | +70° C |
| Flame Resistance | ISO 3795 < 100 mm/min |
| Vision panel | PVC vision panel min height 600 mm for 1 row of full width |

| Door Frame | |
|----------------|---|
| Guide rail | Aluminium with anodized or colour finish |
| Bottom profile | Aluminium Bottom profile with Rubber seal |
| Hood Cover | Galvanized steel of 0.8 mm thickness |

| Drive Unit | |
|---------------------|-------------------------------|
| Drive unit | Electric Motor (Impoted make) |
| Operating voltage | 400 V |
| Current | Three phase |
| Frequency | 50 Hz |
| Prtection Degree | IP 54 |
| Mounting Location | Left side / Right side |
| Emergency Operation | Crank handle |

| Control Unit | | |
|-----------------------|-------------------|-----------------|
| | AS 210b Std | CS 300 Advancd |
| Dimensions (mm): | 130 x 85 x 190 | 215 x 275 x 190 |
| Operating Voltage: | 230 V/ 400 V, 3 Ø | 230 V, 1 Ø |
| Frequency | 50 Hz | 50 Hz |
| Control Voltage: | 24 V | 24 V |
| Protection Grade: | IP 44/ IP 65 | IP 65 |
| Operating temperature | -10° C to 60° C | -10° C to 60° C |

| Safety | |
|---|---|
| Emergency Stop Button | ✓ |
| Manual Activation with an Emergency Crank Handle | ✓ |
| Motor with safety catch & Anti drop device | ✓ |
| Self Monitoring Safety Edge | • |
| Frequency Converter to adjust opening and closing speed of the door | • |
| Plug in LCD monitor | • |
| Pair of Safety Photocells | • |

| Accessories | |
|-----------------------|---|
| Push Button(one side) | ✓ |
| Extra Push Button | • |
| Pull cord switch | • |
| Microwave Radar | • |
| Remote control | • |
| Magnetic Loop | • |
| Access control card | • |

✓ Standard • Option



FOR MACHINE PROTECTION



FOR CLEAN ROOM APPLICATIONS



FOR FOOD INDUSTRY



FOR INTERIOIR PURPOSE





FOLD UP DOOR



HIGH SPEED FOLDING TYPE DOOR:

- It can be used for wide/huge opening areas mainly installed at exterior
- Simple construction and robust design with reinforced galvanized steel
- Resistant against weather & windproof

THIS TYPE OF VERTICAL FOLD UP DOORS CONSISTS OF:

- Avians Fold Up Doors has been designed and manufactured to bear hundreds of opening/shutting operations through a day. This door, which folds and disappears vertically, offer the following characteristics:
- TRANSIT SPEED: The opening/shutting speed, allows to minimize the thermal exchange between inside and outside of the building.
- LITTLE SPACE TAKEN UP: All the fabric folded within the width of the track within the mental frame.
- WIND RESISTANCE: The fabric is provided with reinforcing bars which enable the door to resists against wind guest and protect personal and goods from an accidental break-though of the door due to wrong manoeuvres.
- DUST RESISTANCE: Even in case of strong wind the door offer a good dust resistance
- MAINTENANCE-FREE: The robust construction, the easy operation and the use of high quality material, guarantee a long-term use without maintenance.

DOOR DESIGN

The side frames, shaft and bottom profile are made up of aluminium.

DOOR CURTAIN

The door has a curtain of PVC fabric with aluminium reinforcement stripes A wide range of RAL colours of the fabrics

DRIVE

The drive unit is a geared brake motor. It may be fitted on the right or left.

CONTROL

An AS 210/CS 300 frequency converter is available as a control.

MANUAL ACTIVATION

In the event of interruption or a power failure, the door can be opened via an emergency crank handle.

TECHNICAL OVERVIEW

| Product Details | |
|---|--|
| Door dimensions (W min./max.) (H min./max.) | 1000 / 10000 mm 1000 / 13000 mm |
| Opening direction | vertical |
| Opening/closing speed | 0.8 m / sec |
| Mounting Location | Inside |
| Door Curtain | |
| Curtain Material | PVC Fabric with reinforced steel strip |
| Curtain weight | 900 g/m² |
| Tensile Strength: warp/weft (N/5 cm) | 4300/4000 N |
| Tear Strength | 500/500 N |
| Cold Resistance | -30°C |
| Heat Resistance | +70° C |
| Flame Resistance | ISO 3795 < 100 mm/min |
| Vision panel | PVC vision panel min height 450 mm for 1 row of full width |

| Door Frame | |
|----------------|---|
| Guide rail | Aluminium with anodized or colour finish |
| Bottom profile | Aluminium Bottom profile with Rubber seal |
| Hood Cover | Galvanized steel of 0.8 mm thickness |

| Drive Unit | |
|---------------------|-------------------------------|
| Drive unit | Electric Motor (Impoted make) |
| Operating voltage | 400 V |
| Current | Three phase |
| Frequency | 50 Hz |
| Prtection Degree | IP 54 |
| Mounting Location | Left side / Right side |
| Emergency Operation | Crank handle |

| Control Unit | | |
|-----------------------|-------------------|-----------------|
| | AS 210b Std | CS 300 Advancd |
| Dimensions (mm): | 130 x 85 x 190 | 215 x 275 x 190 |
| Operating Voltage: | 230 V/ 400 V, 3 Ø | 230 V, 1 Ø |
| Frequency | 50 Hz | 50 Hz |
| Control Voltage: | 24 V | 24 V |
| Protection Grade: | IP 44/ IP 65 | IP 65 |
| Operating temperature | -10° C to 60° C | -10° C to 60° C |

| Safety | |
|---|---|
| Emergency Stop Button | ✓ |
| Manual Activation with an Emergency Crank Handle | ✓ |
| Motor with safety catch & Anti drop device | ✓ |
| Self Monitoring Safety Edge | • |
| Frequency Converter to adjust opening and closing speed of the door | • |
| Plug in LCD monitor | • |
| Pair of Safety Photocells | • |
| Led Module for setting door open & close position | • |

| Accessories | |
|-----------------------|---|
| Push Button(one side) | ✓ |
| Extra Push Button | • |
| Pull cord switch | • |
| Microwave Radar | • |
| Remote control | • |
| Magnetic Loop | • |
| Access control card | • |

✓ Standard • Option

