

SIO AUT-RAPID

HIGH SPEED ROLLING, FOLDING
AND SHUTTER DOORS

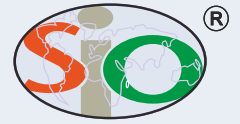


SIO VASUNDDHARA
INTERNATIONAL PRIVATE LIMITED

PEOPLE | CUSTOMERS | GROWTH

K - 2/836, Vasant Kunj Road, Near Mata Chowk, Mahipalpur, New Delhi - 110 037, INDIA.
Ph: +91 11 2678 5169 / 4103 2065 • Email: contact@sio.co.in • Web: www.sio.co.in
For Distribution Inquiries: +91 99104 89457 • For Institutional Inquiries: +91 99589 98108

SIO Aut-View. High speed rolling doors.



SIO Aut-View is a high speed rolling door with an Aluminium frame combining aesthetic with reliability.

PROPERTIES:

- **The Frame:** In extruded Aluminium. It comes in two versions to meet all your expectations:
 - Standard: Light and simple, with only basic covering on the posts, natural color anodized. A smart choice for most needs.
 - Full-covered: One of the best looking doors in the market. Epoxy powder coating in the RAL color of your choice, or natural color anodized.
- **Door Panel:** Assembled by ultrasonic welding in a prestressed polyester fabric 670 g/m^2 laminated on both sides with PVC. The resistance to over-pressure and vacuum is assured by two composite strengthening pieces in scabbards.
- **Sealing:** Assured by the posts on either side, in EPDM rubber on the top and bottom edge of the lintel. In the lower part, our special safety edge adapts to uneven floor.
- **Security meets prevailing standards:**
 - Presence detecting cell
 - Flashing light signal during operation
 - Complies with safety requirements defined in the electromagnetic compatibility directive



TECHNICAL SPECIFICATIONS:

ENGINE

2 speed triphase 220/380 V
0.18/0.25 Kw
Left or right side

OPERATING SPEEDS

Opening 1 m.s^{-1} - Shutting 0.5 m.s^{-1}

VOLUNTARY OPENING ACTUATORS

Pushbutton, pull switch, radio remote control...

AUTOMATIC OPENING ACTUATORS

Induction loop, Radar motion detectors...

CONTROL PANEL

Microprocessor control
(w) 400 x (h) 500 x (d) 200
IP 55 protection class

OPTIONS:

VISIBILITY

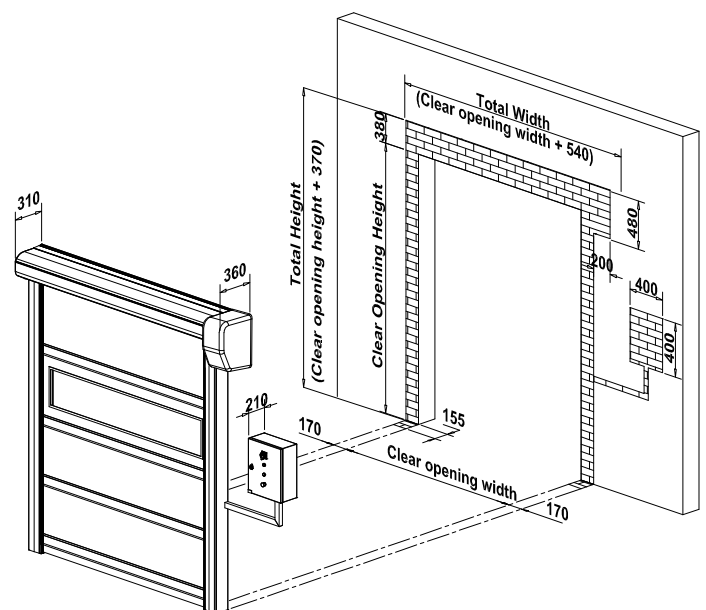
Full width vision panel

EMERGENCY OPENING

Containment pin ; Shoulder-high crank handle

CONTROL PANEL

IP 66 protection class



SIO Aut-Smooth. High speed rolling doors.



SIO Aut-Smooth is a high speed rolling door that offers great versatility. It is designed to adapt easily to any configuration.

PROPERTIES:

• The Frame:

- Freestanding in 2.5mm steel.
- Full-covered: the frame receives a corrosion treatment and is powder coated in the RAL color of your choice.

• **Door Panel:** Assembled by ultrasonic welding in a prestressed polyester fabric 670 g/m^2 laminated on both sides with PVC. The resistance to over-pressure and vacuum is assured by two composite strengthening pieces in scabbards.

• **Sealing:** Assured by the posts and the lintel. 2 rows of brushes give the door a great finish. In the lower part, our special safety edge adapts to uneven floor.

• Security meets prevailing standards:

- Presence detecting cell
- Optimized wind load resistance
- Flashing light signal during operation
- Complies with safety requirements defined in the electromagnetic compatibility directive



TECHNICAL SPECIFICATIONS:

ENGINE

2 speed triphase 220/380 V
0.18/0.25 Kw
Left or right side

OPERATING SPEEDS

Opening 1 m.s^{-1} - Shutting 0.5 m.s^{-1}

VOLUNTARY OPENING ACTUATORS

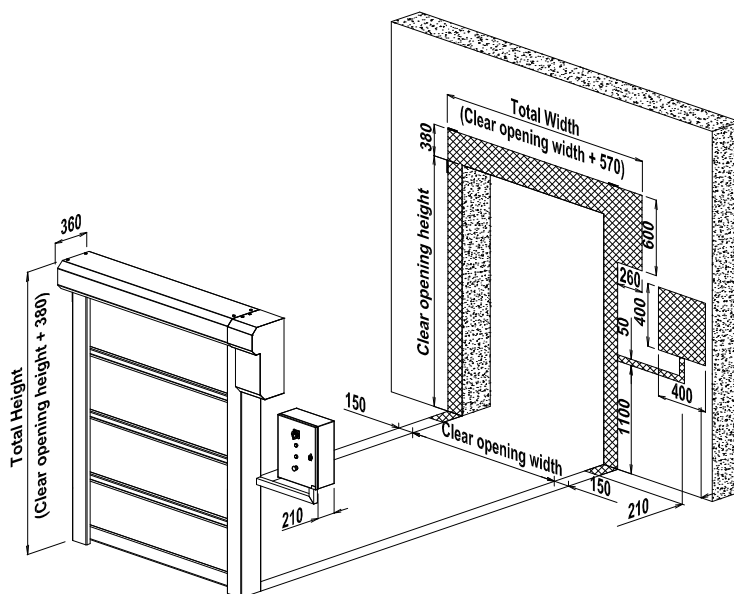
Pushbutton, pull switch, radio remote control...

AUTOMATIC OPENING ACTUATORS

Induction loop, Radar motion detectors...

CONTROL PANEL

Microprocessor control
(w) 400 x (h) 500 x (d) 200
IP 55 protection class



OPTIONS:

VISIBILITY

Full width vision panel

ENGINE

Front side engine for in-corridor installation

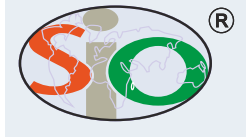
CONTROL PANEL

IP 66 protection class

BACK-UP OPENING

Containment pin ; Counter balance lifting system ; Shoulder-high crank handle

SIO Aut-Enviro. The Clean High speed rolling doors.



SIO Aut-Enviro is a high speed rolling door specially designed to meet the challenges of the food processing industry. Its structure allows evacuation of water and its choice of materials and sideways accessibility allow easy cleaning with water jet and chlorinated products.

PROPERTIES:

- **Frame:**
 - The open structure is designed to be completely washed down (waterproof elements, no water retention)
 - Complete stainless steel structure
 - 15 panel colors available as standard
- **Door Panel:** Assembled by ultrasonic welding in a prestressed polyester fabric 670 g/m^2 laminated on both sides with PVC.
- **Security meets prevailing standards:**
 - Presence detecting by double row of safety cells
 - Flashing light signal during operation
 - Complies with safety requirements defined in the electromagnetic compatibility directive
 - Many solutions for automatic or manual opening actuation
 - Push button, pullswitch, remote control...
 - Radars, photo cells, induction loop...
- **Others (optional equipment):**
 - Horizontal vision panel
 - Your logo or picture printed on the door
 - Front side motor for in corridor installation
 - Extra people safety:
 - Safety edge
 - Infrared detection, light barriers
 - Laser detection
 - Emergency openings: Containment pin, Ratchet wrench
 - Control panel in stainless steel



TECHNICAL SPECIFICATIONS:

ENGINE

2 speed three phase 380 V
0.37/0.55 Kw
Left or right or frontside

OPERATING SPEEDS

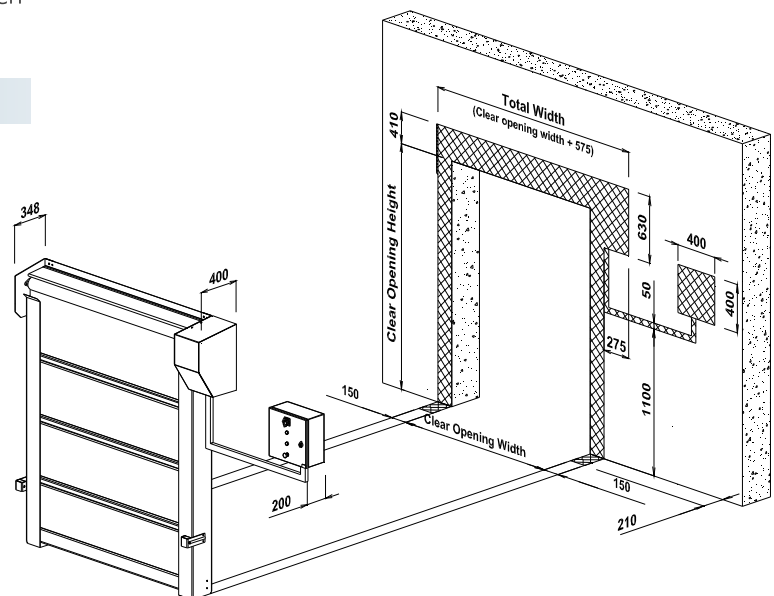
Opening 1 m.s^{-1} - Shutting 0.49 m.s^{-1}

CONTROL PANEL

Industrial control
Polyester casing (w) 400 x (h) 400 x (d) 200
IP 66 protection class

WIND LOAD

Class 2 (interior door)



* Optional equipment

SIO Aut-Rapid. Crash proof shutter doors.



SIO Aut-Rapid is a crash proof shutter door for internal use. Its shorter opening intervals reduce heat loss. They are also well suited as a noise barrier at the end of assembly line areas.

PROPERTIES:

• The Frame:

- Maximum size: 3000 x 3000 mm.
- Drive: powerful, compact and low-maintenance.
- Power supply: 230 V AC
- Door materials: 670 g/m² ; choice of several colors available ; print or transparent area also available.

• Benefits:

- All drive elements integrated into housing ; no extraneous components.
- User panel integrated into frame ; graphic display (BDE-D)
- Power supply 230V ; no external switch box required
- Warning light is maintenance free ; LED technology

• Range of Applications:

- Supermarkets, individual shops, logistics centres, haulage and delivery companies
- Ends of assembly lines
- Airports



TECHNICAL SPECIFICATIONS:

Drive Dimensions	H x D : 236 mm x 300 mm
Frame Dimensions	W x D : 127.5 mm x 70 mm
Maximum Dimensions	H x D : 3000 mm x 3000 mm
Opening Speed	up to 2.5 m/s
Shutter Materials	Fibre-reinforced plastic, 670 g/m ² , available in 15 standard colors, printed or with transparent area if required
Power Supply	230 V AC / 50 / 60 Hz
Rated Power	140 W
Ambient Temperature	+3°C to 50°C
Operation	Emergency stop via emergency stop button, remote control unit BDE-D
Trigger Options	Motion detector, photo cell, switch etc.
Manual Opening	Hand wheel, hand crank or USV in case of power failures
Operating Modes	Automatic ; Continuously open/manual ; One-way traffic ; Locked
Other Equipment Available	During power failures emergency opening using hand crank or integrated USV Interlock control consisting of two rapid shutter doors placed in succession



SIO Aut-Fold. High speed folding doors for outside traffic

SIO Aut-Fold is a high speed folding door that seals openings and provides you great thermal and phonic insulation at the same time..

PROPERTIES:

• The Frame:

- The freestanding frame will assure you reliability
- It is composed of two posts and a lintel. In 2.5mm steel they receive a corrosion treatment and are powder coated in the RAL color of your choice.

- **Door Panel:** Assembled by ultrasonic welding in a prestressed polyester fabric 670 g/m² laminated on both sides with PVC. With its galvanized steel strengthening pieces, the Firstsystem reaches class 4 wind load of EN12424.

- **Sealing:** Assured by the posts and the lintel, 2 rows of brushes give the door a great finish. In the lower part, our special safety edge adapts to uneven floor.

• Security meets prevailing standards:

- Safety edge
- Presence detecting cell
- Optimized wind load resistance
- Flashing light signal during operation
- Complies with safety requirements defined in the electromagnetic compatibility directive

TECHNICAL SPECIFICATIONS:

ENGINE

2 speed triphase 220/380 V
0.37/0.55 Kw up to 1.1/2.2 Kw
Redundant engine and brake

OPERATING SPEEDS

Opening 1 m.s⁻¹ - Shutting 0.5 m.s⁻¹

VOLUNTARY OPENING ACTUATORS

Pushbutton, pull switch, radio remote control...

AUTOMATIC OPENING ACTUATORS

Induction loop, Radar motion detectors...

CONTROL PANEL

Microprocessor control
(w) 500 x (h) 500 x (d) 200
IP 55 protection class

OPTIONS

DOOR PANEL

Visibility portholes row; Twin layer door panel

ENGINE

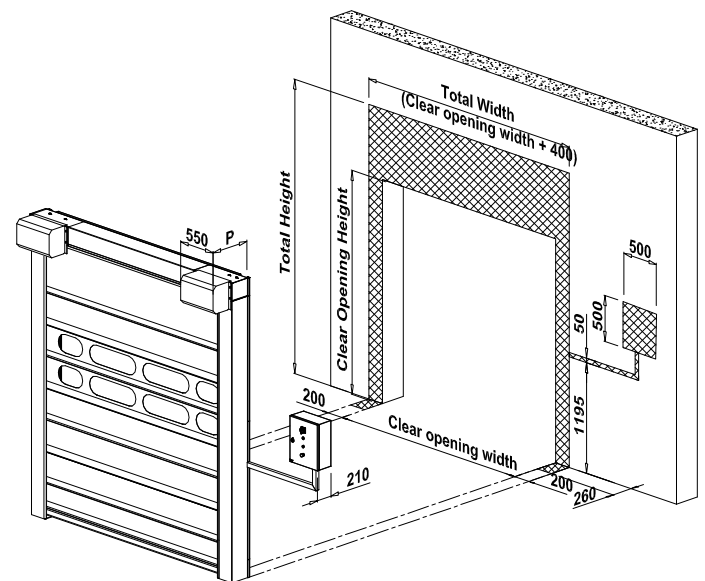
Front side engine for in-corridor installation

BACKUP OPENING

Containment pin ; Automatic counter balance lifting system ; Ratchet wrench

CONTROL PANEL

Ip66 protection class



www.sio.co.in

SIO VASUNDDHARA INTERNATIONAL PVT. LTD.

Founded with the vision to work with fairness, honesty and courtesy towards all internal and external stakeholders to achieve the company's objectives, Sio Vasunddhara International has serviced such prestigious names as ABB, DLF, L&T, PVR, TAJ hotels and resorts, Unitech, Fortis, Airtel, bata, The Oberoi, HP, Raheja developers and many others.