

SIO AUTOMATED GLASS DOORS

AUTOMATED SLIDING AND FOLDING
DOOR SYSTEMS

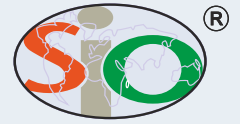


SIO VASUNDDHARA
INTERNATIONAL PRIVATE LIMITED

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 Automated Sliding Glass Doors.



SIO Automated Sliding Glass Doors have been designed to meet the requirements of light and medium-heavy sliding door applications. They are available in standard single and twin leaf sliding models, in classic or telescopic versions.

MODES and FUNCTIONS:

The 32-bit microprocessor control enables a wide variety of operational modes and functions. The mode of operation is selected intuitively using the convenient and user-friendly BDE-D electronic remote control; the display features text in the language of your choice. It can be used to set or modify application-specific door parameters such as opening and closing speeds, opening widths for reduced opening, duration of open times, etc. Alternatively, parameter setting can also be done mechanically using the robust, key-operated switch.



DOOR TYPES:	SIO STANDARD SLIDING DOORS		SIO TELESCOPIC SLIDING DOORS	
Door models	SIO 1 Leaf	SIO 2 Leaves	SIO 2 leaves	SIO 4 leaves
Opening width	800-2000 mm	800-2500 mm	800-2500 mm	1440-3000 mm
Max. height of passage	2500 mm	2500 mm	2500 mm	2500 mm
Max. door leaf weight	1 x 120 kg*	2 x 75 kg*	2 x 80 kg*	4 x 50 kg*
Recommended application	For light duties in tight spaces	For functional entrances with large entrance widths	For maximum entrance widths in tight spaces	For elegant entrances with large entrance widths

* In line with examination certificate; up to 20% higher weights possible at reduced acceleration levels.



BENEFITS of SIO AUTOMATED SLIDING DOORS:



Cutting Edge Technology

The SIO Automated Sliding Door system actively communicates between operator, sensors and remote control, enabling constant monitoring of the status of individual components, further enhancing their functionality, safety and security.

It's carefully thought-out details make SIO's door systems so popular among customers. By pre-defining door movements and it's self-learning capabilities, unnecessary triggering of opening impulses can be eliminated.

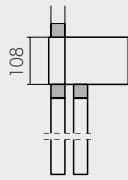
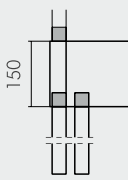
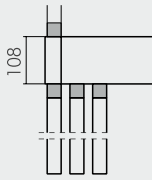
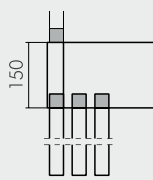
Tasteful Design

All applications share the same profile system, which features clear, elegant lines, and an attractive overall design. These many design options allow our door systems to be integrated equally harmoniously in a building, or become a style feature.

Highest levels of Safety and Security

SIO's Automated Sliding Door systems fulfill all relevant European and national norms and standards, including DIN 18650, EN 16006 and EN ISO 13849.

SPECIFICATIONS:

	SIO Standard Sliding Doors		SIO Telescopic Sliding Doors	
	SIO 1 Leaf	SIO 2 Leaves	SIO 2 leaves	SIO 4 leaves
Operator dimensions	with cladding 194 x 108 / 150 mm without cladding 157 x 108 / 150 mm		with cladding 259 x 108 / 150 mm without cladding 222 x 108 / 150 mm	
Door movement	1.5s to 0.7m	1.0s to 0.7m	1.5s to 0.7m	1.0s to 0.7m
Mass				
Power supply	230 V / 50 / 60 Hz			
Power consumption	85W in operation / 25W in idle mode			
Ambient temperature	-15°C to +50°C			
Remote control	Electronic with illuminated display			
Operational modes	<ul style="list-style-type: none"> • Automatic operation • Continuously open • Manual operation 		<ul style="list-style-type: none"> • One-way traffic • Locked 	
Programmable functions	<ul style="list-style-type: none"> • Customer specific door parameters • Control lock • Bell contact 		<ul style="list-style-type: none"> • Emergency opening and closing • Energy-saving function 	
Options	<ul style="list-style-type: none"> • Sensor, safety and security • Bolt locking device • Motion detector • Motion and presence detector • Multi-purpose sensor • Floor safety rail • Floor lock • Key operated switch • Escape route door system • Protective screen 		<ul style="list-style-type: none"> • Additional equipment • Optical locking display • Emergency-open button • Manual unlocking inside and outside of door • Battery for emergency operation during power failure • Locking device surveillance • Detachable operator housing 	
Assembly variants	Lintel-mounted free standing or on the ceiling			

SIO Automated Folding Glass Doors.

If there is only limited space for door leaves to open in the passage area, which excludes the use of sliding doors, a SIO automated folding door provides a good solution.

The width of passage can be almost fully retained. SIO automated folding doors can be retrofitted relatively easily and are designed to work particularly well when fitted in corridors. Depending on the total width available, the folding door is built as one- or two-sided.



APPLICATIONS:

SIO Automated Folding Doors are ideal for narrow passageways in restaurants, hotels, business headquarters, hospitals and elderly people's homes.

OPTIONAL DETAILS:

Aluminium frame and cover available in all anodised and paint colours.

The electronic remote control unit with back-lit graphic display enables easy setting of individual parameters (speed, hold open time etc.), and other additional functions.

SPECIFICATIONS:

Basic Data

Opening width (A)	800 - 2000 mm
Door leaf weight max.	2 x 40 kg or 4 x 40 kg
Door operating speed	0.7 m/s
Height of passage (G)	up to 2500 mm
Operating housing dimension	D x H - 240 x 180 mm
Power supply	100-240 V AC, 50/60 Hz, 90W
Ambient temperature	-15°C to +50°C
Trigger devices	radar / infrared detectors, switch etc.

Basic Functions

automatic operation
on way traffic
continuously open
manual control
interlock function
operating lock
automatic reverse

Options

interlock control
emergency cut-off function
remote control and surveillance
night control
bell option
door leaf surveillance
key operated contact (SSK)
module for extended functionality (FEM)

Assembly variants

Wall or beam assembly



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, LnT, PVR, TAJ hotels and resorts, Unitech, Fortis, Airtel, bata, The Oberoi, HP, Raheja developers and many others.