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**SMART GLIDE-AWAY GLASS DOOR RANGE**



*The smarter choice by design*



### Philosophy

Smartech Door Systems is dedicated to improving lifestyle and floor-plan functionality. Our commitment to staying abreast of rapid advances in technology has positioned us as pioneers in our industry.

The first inspiration that led to the creation of our products was the drive for smarter design and we let this inform everything we do. With a philosophy that design and functionality should always go hand-in-hand, we produce high-end products that not only provide the look, but the quality our clients have come to expect. At Smartech Door Systems we sit down with the client to discuss their specific needs and ideas and then suggest the best way to achieve their vision.

With a focus on specialised applications, we are committed to absolute client satisfaction and stop at nothing until each and every client's vision is realised. With a passion for quality and creativity, Smartech Door Systems will always provide you with an innovative solution and exceed your expectations.

### Mission

Smartech Door Systems provides excellent design solutions and quality door and window systems, giving our customers the luxury of additional and versatile open space at the touch of a button. Our contemporary designs and innovative approach have set a new benchmark in home entertainment and commercial floor-plan flexibility.

### Solutions

- Entertainment areas
- Outdoor alfresco areas
- Outdoor decks and patios
- Cafes and Bars
- Garage doors
- Small entrance openings
- Sunrooms
- Awning features
- Showroom entrance doors
- Moving glass walls
- Exercise facilities and gymnasiums
- Balconies
- Pool enclosures
- Outdoor barbecue areas



# GLIDE-AWAY FOLDING DOORS

## Glide-Away Folding Door

Smartech Door Systems' products let nothing get in your way. The Glide-Away Folding Door creates a unique look once stacked above in the open position. With a standard range of sizes and glass designs we will always create the solution you want. Should your requirements sit outside our standard range, we also specialise in custom design manufacture to suit your needs and specifications, whatever they may be.

### Features

- Range of glass designs
- Balanced operating action
- Range of powder-coated colours available
- Aluminium frame and tracks
- Stainless steel components
- Seals around perimeter and middle of frame
- Ball bearing guide rollers

### Finished Opening Sizes in the standard range

Height: 2400mm, 2700mm and 3000mm    Width: 2340mm to 4900mm

*Note: These sizes apply to the standard range. All widths are subject to variation depending on the choice of glass design and height required. Please consult manufacturer for a Door Specifications sheet along with the code number for ordering details.*

### Door Openings

The standard Glide-Away Folding Door range fits within the door opening perfectly. Always refer to the opening measurements at consultation stage to marry your door opening space with door sizes, to guarantee a snug fit at seals, smooth operation and correct tolerances. Door openings are to finish perfectly square, level and true. When designing your space prior to installation, please allow for the loss of height when the doors are folded open as they rest under the lintel. Refer to data sheet for detailed information.

### Door Construction

The door consists of two folding frames attached by visually unobtrusive hinges. The frame is attached by four axles connected to running bearings, guided within a specially extruded aluminium running guide.

*Note: It is the responsibility of the designer or builder to provide adequate fixing to carry all weight loads.*

### Door Frame & Fittings

With its industrial-strength aluminium profile the Glide-Away Folding Door frame easily meets Australian Standards for wind loads. The frame, running guides and fittings are all made from the highest-quality materials. Most components and fittings are made from stainless steel and all aluminium surfaces are powder coated as standard to meet ours and our clients' uncompromising quality standards, creating an indoor-outdoor product that withstands the elements and lasts a lifetime.

### Glass / Perspex

All glass supplied and fitted by Smartech Door Systems is 6.38mm laminate safety glass as standard. Where toughened glass or Perspex is required please consult the manufacturer. If glass is not requested then it is the responsibility of the purchaser to follow procedures and to conform to Australian Standard AS1288 (Glazing Selection).

*Note: The use of other glass or glazing material should be referred to the manufacturer due to additional weight that may or may not be required to keep the door balanced. Standard 6.38mm laminate safety glass applies for standard glass designs.*

### Weight Covers

Weight covers are designed to enclose weights out of view and to ensure safety. Covers wrap around the weight mechanism extending from the track or drive rack and returning to the wall.

### Locking

All doors are fitted with side bolt locks on each side of the lower frame. With motorised doors, no side bolts are required.

*Note: Where doors are motorised we do not recommend the installation of any slide bolt locks as damage can occur when a motor is in operation.*

### Operation

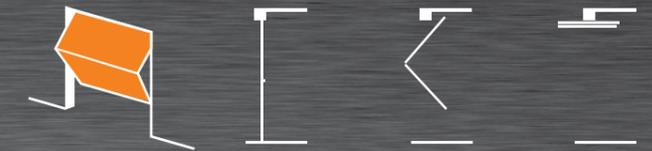
The Glide-Away Folding Door is balanced between the frame weight and the weights that are attached via four axle shafts over a pulley sheave. Door movement is guided by bearings attached to the door frame, operating in the specially extruded aluminium running guides. The upper frame is attached by guide arms that help maintain the travel arc when the door is folding into the open position.

### Optional Motorisation

Smartech Door Systems' motorised range of doors and walls feature an all-new hidden drive system. The motor is designed on a micro-scale so allows installation even where space is at a premium. Compact and technologically advanced, the door features a modular counter-weight balancing system using galvanised wire rope and a fully programmable controller-system, for the ultimate in safety and functionality. The motor has been designed by our team to produce a very practical, aesthetically pleasing and simply-controlled door and with the motor calibrated to function at the lowest possible power outage, a prolonged operating life is ensured. Compact, sturdy and reliable, it is suitable for any residential or commercial premises.

### Operational Diagrams

Glide-Away Folding Doors



# GLIDE-AWAY TILT DOORS

## Glide-Away Tilt Doors

Smartech Door Systems lets you design your space your way. The Glide-Away Tilt Door creates a grand-entrance feel when the door is opened, making the most of the space you have, creating a sense of flow and adding a contemporary, industrial aesthetic to your interior architecture. With a standard range of sizes and glass designs, Smartech Door Systems will quickly transform your space, always with a timely and professional install. Should your requirements sit outside our standard range however, we are happy to create a custom design to fit in perfectly with your floor plan.

## Features

- A fantastic range of glass designs
- Doors balanced with our weighting system assuring consistent operation
- A great range of powder coated colours available
- Aluminium frame and tracks
- Stainless steel components
- Seals around perimeter frame
- Ball-bearing guide rollers

## Finished Opening Sizes in the standard range

Height: 2400mm and 2700mm

Width: 2340mm to 4900mm

*Note: These sizes apply to the standard range. All widths are subject to variation depending on the choice of glass design and height required. Please consult manufacturer for a Door Specifications sheet along with the code number for ordering details.*

## Door Openings

The Glide-Away Folding Door range fits within the door opening perfectly. Always refer to the opening measurements at consultation stage to marry your door opening space with door sizes, to guarantee a snug fit at seals, smooth operation and correct tolerances. Door openings are finished perfectly square, level and true. When designing your space prior to installation, please allow for the loss of height when the doors are tilted open as they rest under the lintel. Refer to data sheet for detailed information.

## Door Construction

The door is manufactured as a single item with the two axles already attached. These connect to the running bearings with minimum fuss, guided by the specially extruded aluminium running guides for dependable door operation for years to come.

*Note: It is the responsibility of the designer or builder to provide adequate fixing to carry all weight loads.*

## Door Frame & Fittings

With its industrial-strength aluminium profile the Glide-Away Tilt Door frame easily meets Australian Standards for wind loads. The frame, running guides and fittings are all made from the highest-quality materials. Most components and fittings are made from stainless steel and all aluminium surfaces are powder coated as standard to meet ours and our clients' uncompromising quality standards, creating an indoor-outdoor product that withstands the elements and lasts a lifetime.

## Glass / Perspex

All glass supplied and fitted by Smartech Door Systems is 6.38mm laminate safety glass as standard. Where toughened glass or Perspex is required please consult the manufacturer. If glass is not requested then it is the responsibility of the purchaser to follow procedures and to conform to Australian Standard AS1288 (Glazing Selection).

*Note: The use of other glass or glazing material should be referred to the manufacturer due to additional weight that may or may not be required to keep the door balanced. Standard 6.38mm laminate safety glass applies for standard glass designs.*

## Weight Covers

Weight covers are designed to enclose weights out of view and to ensure safety. Covers wrap around the weight mechanism extending from the track or drive rack and returning to the wall.

## Locking

All doors are fitted with side bolt locks on each side of the lower frame. With motorised doors, no side bolts are required.

*Note: Where doors are motorised we do not recommend the installation of any slide bolt locks as damage can occur when a motor is in operation.*

## Operation

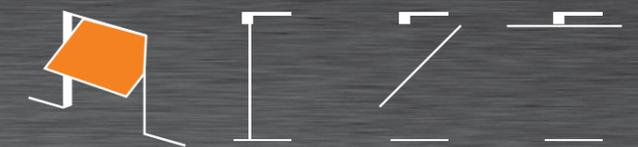
The Glide-Away Tilt Door is balanced between the frame weight and the weights that are attached via two axle-shafts, over a pulley sheave. Door movement is guided by bearings attached to the door frame, operating in the specially extruded aluminium running guides. The axles are located half-way down on the sides of the frame, allowing the door to pivot outwards and inwards easily.

## Optional Motorisation

Smartech Door Systems' motorised range of doors and walls feature an all-new hidden drive system. The A 24V DC motor is designed on a micro-scale so allows installation even where space is at a premium. Compact and technologically advanced, the door features a modular counter-weight balancing system using galvanised wire rope and a fully programmable controller-system, for the ultimate in safety and functionality. The motor has been designed by our team to produce a very practical, aesthetically pleasing and simply-controlled door and with the motor calibrated to function at the lowest possible power outage, a prolonged operating life is ensured. Compact, sturdy and reliable, it is suitable for any residential or commercial premises.

## Operational Diagrams

Glide-Away Tilt Doors



# GLIDE-AWAY UPLIFT DOORS

## Glide-Away Uplift Doors

Smartech lets you move up. The Glide-Away Uplift door, inspired by traditional door designs, moves vertically to the open position. Always with the sleek industrial aesthetic and quality craftsmanship we are renowned for, choose from a standard range of door sizes and glass designs, and appreciate our fast turn-around times to start enjoying a truly open and contemporary work space. The Glide-Away Uplift Door has been designed especially for high-ceiling applications such as show rooms and warehouse-type spaces, where it is possible to have the door resting in the open position, flush with the wall above the opening.

## Features

- A fantastic range of glass designs
- Doors balanced with our weighting system assuring consistent operation
- A great range of powder coated colours available
- Aluminium frame and tracks
- Stainless steel components
- Seals around perimeter frame
- Ball-bearing guide rollers

## Finished Opening Sizes in the standard range

Height: 2400mm, 2700mm and 3000mm    Width: 2340mm to 4900mm

*Note: These sizes apply to the standard range. All widths are subject to variation depending on the choice of glass design and height required. Please consult manufacturer for a Door Specifications sheet along with the code number for ordering details.*

## Door Openings

The Glide-Away Uplift Doors fit recessed from the opening. It is recommended the opening is true and plumb before fitting commences. As such, when designing for the Glide-Away Uplift Door, check to ensure you have the required ceiling space where the door is intended to be fitted. Check our detailed data sheets for specifications.

## Door Construction

The door is manufactured as a single item with the four axles already attached. These connect to the running bearings with minimum fuss, guided by the specially extruded aluminium running guides for dependable door operation for years to come.

*Note: It is the responsibility of the designer or builder to provide adequate fixing to carry all weight loads.*

## Door Frame & Fittings

With its industrial-strength aluminium profile the Glide-Away Uplift Door frame easily meets Australian Standards for wind loads. The frame, running guides and fittings are all made from the highest-quality materials. Most components and fittings are made from stainless steel and all aluminium surfaces are powder coated as standard to meet ours and our clients' uncompromising quality standards, creating an indoor-outdoor product that withstands the elements and lasts a lifetime.

## Glass / Perspex

All glass supplied and fitted by Smartech Door Systems is 6.38mm laminate safety glass as standard. Where toughened glass or Perspex is required please consult the manufacturer. If glass is not requested then it is the responsibility of the purchaser to follow procedures and to conform to Australian Standard AS1288 (Glazing Selection).

*Note: The use of other glass or glazing material should be referred to the manufacturer due to additional weight that may or may not be required to keep the door balanced. Standard 6.38mm laminate safety glass applies for standard glass designs.*

## Weight Covers

Weight covers are designed to enclose weights out of view and to ensure safety. Covers wrap around the weight mechanism extending from the track or drive rack and returning to the wall.

## Locking

All doors are fitted with side bolt locks on each side of the lower frame. With motorised doors, no side bolts are supplied.

*Note: Where doors are motorised we do not recommend the installation of any slide bolt locks as damage can occur when a motor is in operation.*

## Operation

The Glide-Away Uplift Door is balanced between the frame weight and the weights that are attached via the top two axle-shafts, over a pulley sheave. Door movement is guided by bearings attached to the door frame, operating in the specially extruded aluminium running guides. There are two axle shafts on each side of the frame, one at each end of the frame which allows the door to travel up and down vertically.

## Optional Motorisation

Smartech Door Systems' has developed a motorisation system that is so compact and unique you won't even notice where the motor is located. The drive spindle shaft is made from high-grade stainless steel and it's completely concealed ensuring smooth operation and years of travel life. The A 24V DC motor turns the spindle shaft easily and effortlessly. Using the latest in control systems, the controller knows precisely where the door is at all moments of travel. All motorised Smartech Door Systems can be opened and closed at the touch of a button or with turn-key technology.

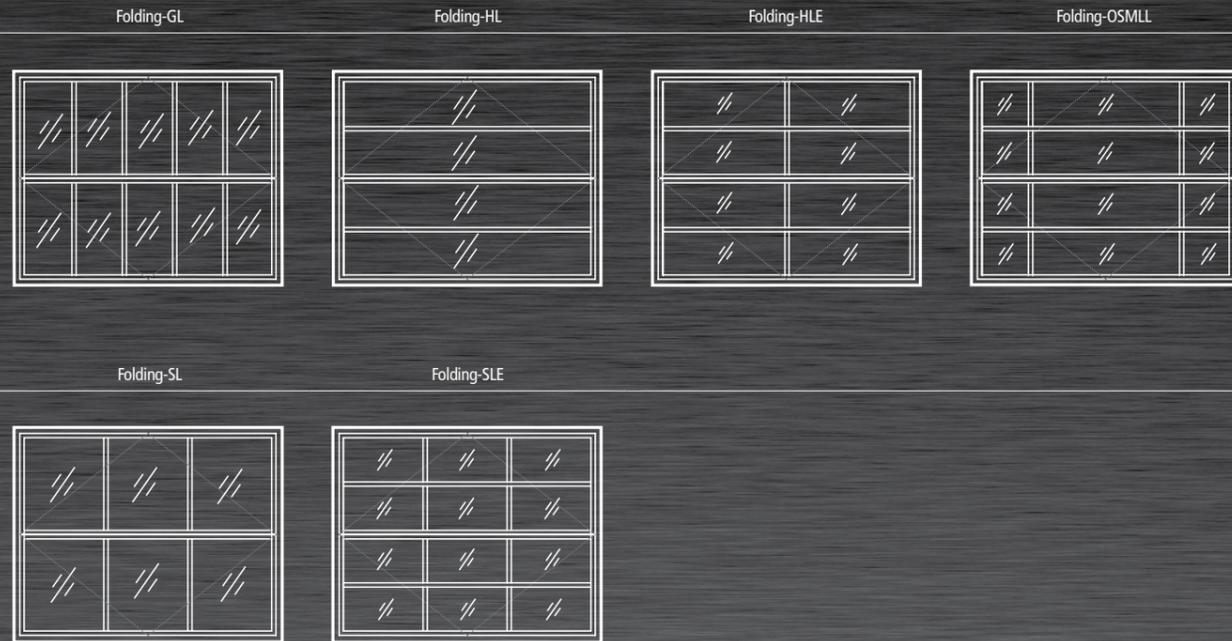
## Operational Diagrams

Glide-Away Uplift Doors



# SMARTECH STANDARD GLAZING DESIGNS

## Standard Glazing Designs – Folding



## Standard Glazing Designs – Tilting



**Please note:** The standard finished opening heights are 2400mm, 2700mm and 3000mm but actual door frames are manufactured slightly smaller to suit. Openings must be made to the exact finished opening sizes. Please refer to the door specifications sheet for opening sizes needed for each specific door size to guarantee a snug fit at seals, smooth operation and to ensure correct tolerances. Openings are to be finished square, level and true before doors can be installed. Make sure to note, standard sizes vary for each door design so if you are purchasing multiple designs, refer to the door specification sheet relevant to each design, noting the code number and ordering details to avoid confusion.

**Disclaimer:** Images are for illustration purposes only and may not accurately represent the product due to the design configuration, application and glazing design for each opening size.

# THE SMARTECH CHOICE BY DESIGN

When you are looking for the very best in contemporary door design, for an exemplary and quality-driven product and for effortless floor space flexibility look no further than Smartech Door Systems.

### Optional Built-in German Motor

Safety is paramount at Smartech Door Systems as is our passion and commitment to creating door products that are up-to-date with state-of-the-art home and commercial technology. All automation within our doors is streamlined to be invisible to the eye, with no unnecessary technical features so the minimalist look is always maintained.

Smartech Door Systems' motorised range of doors and walls feature an all-new hidden drive system. The motor is designed on a micro-scale so allows installation even where space is at a premium. Compact and technologically advanced, the door features a modular counter-weight balancing system using galvanised wire rope and a fully programmable controller-system, for the ultimate in safety and functionality.

The motor has been designed by our team to produce a very practical, aesthetically pleasing and simply-controlled door and with the motor calibrated to function at the lowest possible power outage, a prolonged operating life is ensured. Compact, sturdy and reliable, it is suitable for any residential or commercial premises.

### Quick and easy to install

Smartech Door Systems range of contemporary doors and walls are easy and timely to install by way of their very construction. Once the industrial-strength reinforced aluminium tracks are fitted either side of the door opening, the door, drive parts and counter-weights all install easily, and by way of design, allow our technicians to ensure all electrical connections are installed correctly. All items except key switches are 'plug-and-play' wiring systems.

### Compact, Intelligent Design

Stylish, practical and uncompromising on quality, Smartech Door System designs offer you a low-maintenance product that invites the outside in, whilst offering complete protection from the elements.

Our doors are available in many different designs, to suit small and lofty spaces, and with an ever-growing list of accoutrements we ensure, always, your door choice will work effortlessly in a myriad of operational capacities and be of the best possible quality and design.



Hand Switch Open/Close Digital



End Position Programming Device



Main Programmable Controller

## Smart Features

Smarter Bottom Seal



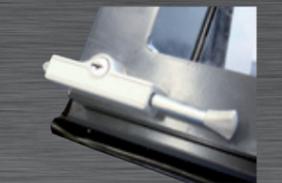
Smarter Connections



Smarter Hinges



Smarter Locking



Smarter Drive System



Smarter Track Seals



Smarter Frame Seals

