



Industrial Commercial and Aviation

Door Selection

Engineered access solutions built for
performance, safety and reliability.



REV. 31 July 2026

BX

BX BUNKA AUSTRALIA
Bunka Shutter Group



A3000 Canale. Glace - 6.38 laminated glass

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WELCOME

to BX Bunka Australia

The BX Bunka Australia Group of Companies is a leading provider of industrial, commercial, aviation and cold storage door solutions across Australia. BX Bunka Australia Pty Ltd is a wholly owned subsidiary of Bunka Shutter Co. Ltd, a Japan-based Tokyo Stock Exchange listed company that manufactures and sells shutters, housing and building materials.

Operating from 30 residential and commercial branches and seven manufacturing facilities nationwide, the BX Bunka Australia Group is recognised for delivering dependable solutions, premium-quality products and outstanding service tailored to industry-specific requirements.

Each brand offers specialist expertise with a strong focus on engineering excellence, innovation and sustainability. They deliver high-performance systems designed for demanding, high-traffic, temperature-sensitive and mission-critical environments. With nationwide coverage, responsive installation teams and full end-to-end service support, we help ensure your operations continue to run safely, securely and efficiently.

Industrial and Commercial brands:



ARCO AUSTRALIA DOOR SYSTEMS

Part of BX Bunka Australia



MAX DOOR SOLUTIONS

Part of BX Bunka Australia



SPRINT ROLLER SHUTTERS

Part of BX Bunka Australia



INDUSTRIAL DOOR SERVICE

Part of BX Bunka Australia

Residential brands:









Our Experience

With 30 residential, industrial and commercial branches and 6 factory locations across Australia, the BX Bunka Australia Group of Companies has built a strong reputation for delivering reliable door solutions nationwide.

Renowned for our commitment to service excellence, we provide high-quality products, dependable solutions and

responsive support tailored to the needs of diverse markets.

Our extensive national network, combined with a customer-first approach, has positioned us as a trusted industry leader. We consistently meet the evolving demands of clients across Australia.



Bunka

SHUTTER

About BX Bunka Shutter

Heritage & Innovation

For over 60 years, BX Bunka Shutter has united traditional Japanese craftsmanship with modern technology to deliver secure, durable, and stylish solutions.

Global Reputation

Trusted worldwide, our residential, commercial, and industrial doors perform reliably in diverse conditions, supported by a strong global network.

Australian Presence

Through BX Bunka Australia, we provide locally tailored door solutions that meet strict Australian standards, backed by world-class Japanese engineering.

Quality & Sustainability

We are committed to energy-efficient, safe, and environmentally responsible manufacturing, continually investing in advanced technologies.

Our Strengths

Broad product portfolio across residential, commercial, and industrial markets.

Trusted public company with a heritage since 1955

Over 200 branches worldwide, employing 4,000+ people

Customer-first philosophy built on trust and lasting relationships



Quick Reference Guide

This guide helps you quickly locate the right solution. Search by brand on the left or by industry sector on the right, then follow the page numbers to explore detailed product and service information.



ARCO AUSTRALIA DOOR SYSTEMS

Part of BX Bunka Australia

BX ARCO delivers tailored aluminium and steel roller shutter solutions engineered for high performance, safety, and durability. Applications include commercial, retail and industrial sectors.

13



MAX DOOR SOLUTIONS

Part of BX Bunka Australia

BX MAX provides robust, custom-built doors and dock loading systems for heavy-duty use across distribution centres, aviation, mining, cold storage, pharma and retail sectors.

50



SPRINT ROLLER SHUTTERS

Part of BX Bunka Australia

BX SPRINT delivers high-speed roller shutters that improve traffic flow, reduce energy loss and provide secure access in demanding industrial and commercial environments.

80



INDUSTRIAL DOOR SERVICE

Part of BX Bunka Australia

BX Industrial Door Service specialises in the repair, maintenance, and modernisation of industrial doors across commercial, aviation, and infrastructure sectors. Our team ensures safety, compliance and extended product life.

90

Product Features



High Speed



Ventilated



High Cycle Performance



Insulated



High Visibility



Space Efficient



Wind Rated



Thermal



Secure



Standards Compliant



Heavy Duty



Manual or Motorised



Fire Rated



Low Maintenance



Customisable



Sensors Safety



Quiet

Industries

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BX Design Pro

Online Door Configuration Tool

Configure | Price | Quote



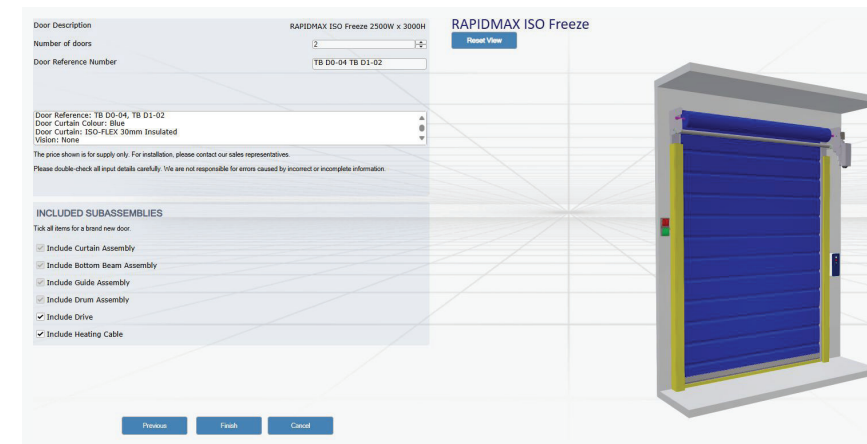
BX Design Pro is our advanced online Configure, Price, Quote (CPQ) tool, designed exclusively for **selected reseller distributors** of BX Bunka Australia.

It streamlines projects from design to order with real-time 3D visualisation, instant pricing, and accurate technical documentation — all in one seamless process. Create tailored door configurations in minutes and generate professional pricing and supporting documents instantly.

About BX Design Pro CPQ Tool for Overhead Door

BX Design Pro takes the guesswork out of quoting — delivering speed, accuracy and professionalism.

Designed exclusively for selected BX Bunka reseller distributors, this tool simplifies every step from configuration to final quote.



Australia's
1st

CPQ tool purpose-built for the overhead door industry, designed exclusively for BX Bunka reseller partners.

How It Works

1. Configure – Choose model, size, finishes, and options.
2. Visualise – Real-time 3D preview of your door.
3. Price – Instant, accurate pricing.
4. Quote – Generate a professional proposal in minutes.

Product Features

- Real-time 3D visualisation.
- Customisable dimensions, finishes, accessories.
- Automated spec sheets & drawings.
- Cloud-based partner access.
- Exclusive to BX Bunka brands.

COMING
SOON

BX DESIGN PRO

Key Benefits



Save Time
Real-time pricing and instant documentation speeds up quoting.



Reduce Errors
Accurate configurations minimise costly mistakes.



Enhance Sales
Professional proposals improve customer confidence.



Streamline Projects
From design to order in one seamless process.



Access Anywhere
Online platform available anytime, anywhere.

Practical Precision

Intelligent design
Inherently easier

—
Pushing the boundaries to lift
the bar in safety, performance
and technology.

Industrial | Commercial | Aviation

→ bxarcoaustralia.com.au

Doors
Shutters
Systems



ARCO AUSTRALIA DOOR SYSTEMS

Part of BX Bunka Australia



About BX ARCO Door Systems

BX ARCO delivers engineered door systems designed for performance, safety and long-term reliability.

Specialising in aluminium and steel roller shutters, counterweight doors and large-span access solutions, BX ARCO supports a wide range of industries — from industrial, commercial and aviation to public infrastructure projects — while also partnering with resellers across Australia.

Every BX ARCO door is built to withstand high-traffic environments, demanding conditions and rigorous compliance standards nationwide.

Applications:

- Industrial facilities and warehouses
- Commercial buildings and retail complexes
- Aviation hangars and transport hubs
- Public infrastructure and civic projects
- Emergency services and correctional facilities.

Core Product Range:

- Aluminium Roller Shutters: Lightweight, corrosion-resistant, ideal for internal or external openings
- Steel Roller Shutters: Heavy-duty shutters built for high security and durability
- Counterweight Doors: Engineered for wide openings and demanding industrial applications
- Fire-Rated Shutters: Certified for safety and compliance in critical areas
- Shopfront Doors: Aluminium-framed systems suited to commercial façades
- Hangar Doors: Large-span systems designed for aviation and transport sectors
- Industrial Gates: Custom-fabricated solutions for perimeter control and secure access.





Car Park Shutter

Reliable shutter solutions for secure parking facilities.

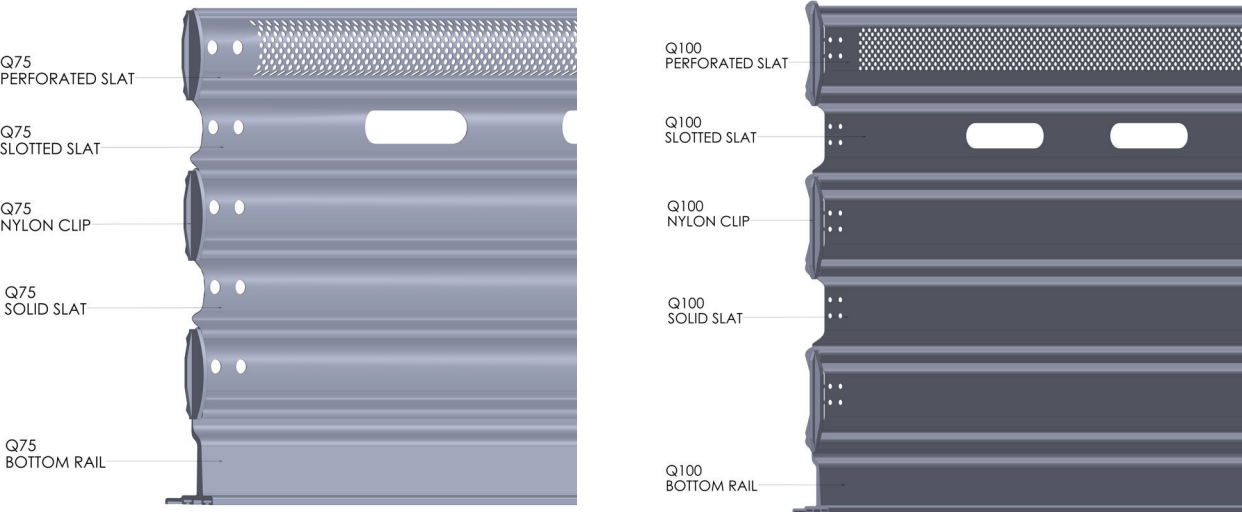
Designed to provide reliable vehicle access, security and long-term performance, our car park shutter solutions are ideal for commercial buildings, public parking structures and mixed-use developments. The Q75 and Q100 Steel Roller Shutters offer durable, low-maintenance performance for a wide range of parking applications.

Ideal for:

- Warehouses
- Commercial premises
- Distribution centres
- Loading docks
- Mining sites
- Schools and tertiary institutions
- Correctional centres
- Defence facilities
- Plant facilities
- Car park access points

Key Features:

- Secure, robust steel slats
- Low-noise operation with silencing strip or nylon end clips
- Replaceable slats reduce long-term maintenance
- Manual, chain, or electric operation options
- Fast lead times with Australian-made steel
- Cyclone rated to AS/NZS 1170.2 / AS4055 (2021) (Q100)
- Wind rated up to C2 for (Q75) and C4 for (Q100)



Specifications Summary

Feature	Q75	Q100
Slat Size	75 mm roll-formed slat	100 mm roll-formed slat
Slat Thickness	0.6 mm, 0.8 mm, 1.0 mm	0.8 mm, 1.0 mm, 1.2 mm
Max Width	5,500 mm (0.6mm) 5,900 mm (0.8mm) 6,500 mm (1.2mm)	8,000 mm (0.8mm) 10,500 mm (1.0mm) 14,000 mm (1.2mm)
Finish	Galvanised, Powdercoat, or stocked Colorbond® (limited range)	Galvanised, Powdercoat, or stocked Colorbond® (limited range)
Ventilation	Ventilation, Multi-hole (40%) option, slotted slats 100mm wide x 25mm high (engineer will have to provide this)	D-slotted (19%) or Multi-hole (40%)
Guides	• Standard 2 mm guide with silencing strip (60 mm guide) • Optional Flat Bar Windlocked Guide	• Standard 2 mm guide with silencing strip (U100 mm guide) • Optional G-Guide • Optional Heavy-Duty Windlocked Guide (for cyclonic conditions)
Operation	• Manual 2.4 m wide to 2.4 m high • Electric for larger shutters	• Chain up to 25 m² • Electric 1 Hp motor
Bottom Rail	Aluminium (with weather seal option) or Steel 50x50 mm angle (we also have 75x50 mm rhs box bottom rail with weather seal).	Aluminium (with weather seal option) or Steel 50x50 mm angle (we also have 75x50 mm rhs box bottom rail with weather seal).
Applications	Small to medium openings, schools, sheds	Large spans, cyclonic/high wind sites

Additional Notes:

- Operation: Q75 suited for smaller, manually operated shutters;
- Q100 designed for chain or motorised use on larger doors.
- Guides: Q75 available with U60 mm option for wider openings; Q100 includes 3 mm wind lockguide as standard.
- Installation: Designed for easy installation, suitable for both new builds and retrofits.
- Note: Q75 is not rated for debris impact in accordance with certificate limitations.



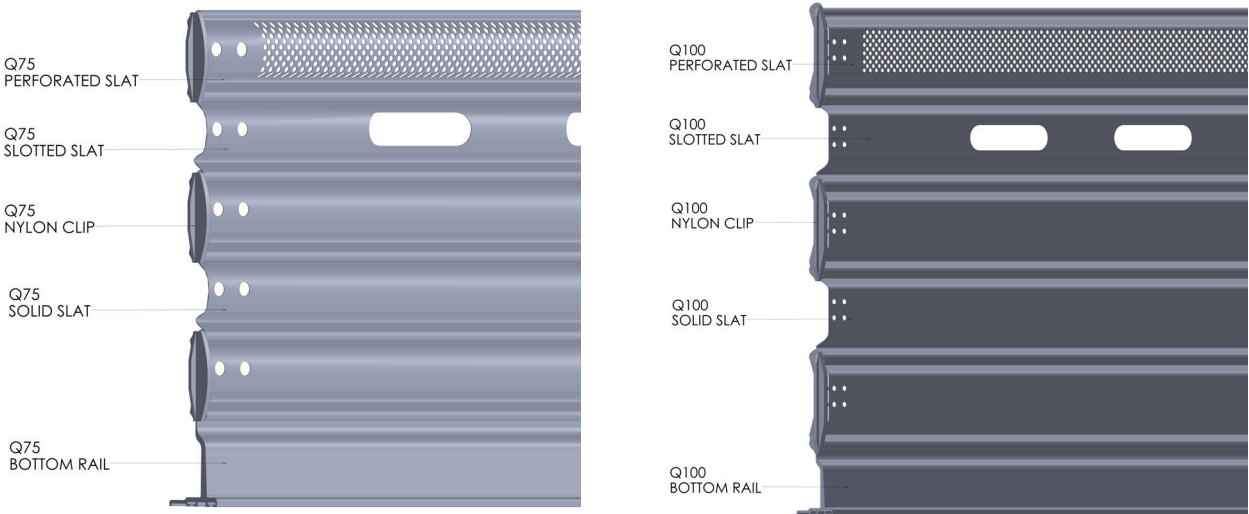
Q75/Q100 Steel Roller Shutter

Heavy-duty steel solution for industrial and commercial applications

Built for durability and minimal maintenance, the Q75 and Q100 are roll-formed roller shutters designed for demanding environments. Both models deliver secure, quiet, and efficient operation, with each offering specifications to suit different site requirements.

- Ideal for:
- Warehouses
 - Commercial premises
 - Distribution centres
 - Loading docks
 - Mining sites
 - Schools and tertiary institutions
 - Correctional centres
 - Defence facilities
 - Plant facilities
 - Car park access points

- Key Features:
- Secure, robust steel slats
 - Low-noise operation with silencing strip or nylon end clips
 - Replaceable slats reduce long-term maintenance
 - Manual, chain, or electric operation options
 - Fast lead times with Australian-made steel
 - Cyclone rated to AS/NZS 1170.2 / AS4055 (2021) (Q100)
 - Wind rated up to C2 for (Q75) and C4 for (Q100)



Specifications Summary

Feature	Q75	Q100
Slat Size	75 mm roll-formed slat	100 mm roll-formed slat
Slat Thickness	0.6 mm, 0.8 mm, 1.0 mm	0.8 mm, 1.0 mm, 1.2 mm
Max Width	5,500 mm (0.6mm) 5,900 mm (0.8mm) 6,500 mm (1.2mm)	8,000 mm (0.8mm) 10,500 mm (1.0mm) 14,000 mm (1.2mm)
Finish	Galvanised, Powdercoat, or stocked Colorbond® (limited range)	Galvanised, Powdercoat, or stocked Colorbond® (limited range)
Ventilation	Ventilation, Multi-hole (40%) option, slotted slats 100mm wide x 25mm high (engineer will have to provide this)	D-slotted (19%) or Multi-hole (40%)
Guides	• Standard 2 mm guide with silencing strip (60 mm guide) • Optional Flat Bar Windlocked Guide	• Standard 2 mm guide with silencing strip (U100 mm guide) • Optional G-Guide • Optional Heavy-Duty Windlocked Guide (for cyclonic conditions)
Operation	• Manual 2.4 m wide to 2.4 m high • Electric for larger shutters	• Chain up to 25 m² • Electric 1 Hp motor
Bottom Rail	Aluminium (with weather seal option) or Steel 50x50 mm angle (we also have 75x50 mm rhs box bottom rail with weather seal).	Aluminium (with weather seal option) or Steel 50x50 mm angle (we also have 75x50 mm rhs box bottom rail with weather seal).
Applications	Small to medium openings, schools, sheds	Large spans, cyclonic/high wind sites

Additional Notes:

- Operation: Q75 suited for smaller, manually operated shutters;
- Q100 designed for chain or motorised use on larger doors.
- Guides: Q75 available with U60 mm option for wider openings; Q100 includes 3 mm wind lockguide as standard.
- Installation: Designed for easy installation, suitable for both new builds and retrofits.
- Note: Q75 is not rated for debris impact in accordance with certificate limitations.



Fire Shutter

Fire-rated shutter for certified protection up to 120 minutes

The BX ARCO Fire Shutter is a fire-rated roller shutter designed for projects requiring certified fire protection. Manufactured in-house from Australian-made Bluescope galvanised steel, the BX ARCO Fire Shutter is tested and certified for up to 120 minutes fire integrity.

All fire shutters are supplied with a covering hood as a mandatory requirement to maintain fire integrity and compliance.

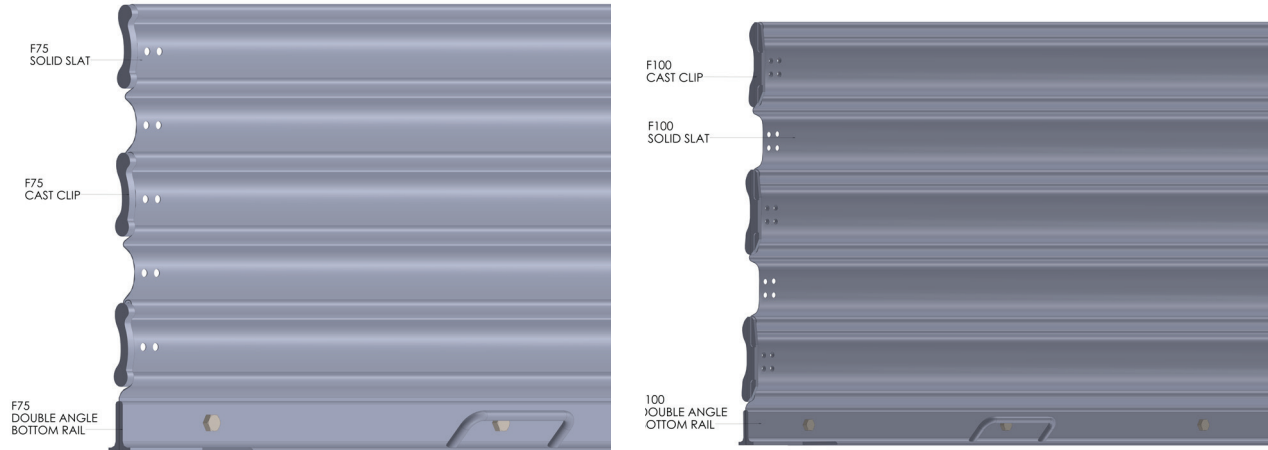
Available in manual or motorised operation, the BX ARCO Fire Shutter provides automatic closing in the event of fire, delivering reliable compliance and safety in a streamlined design.

Ideal for:

- Retail tenancies requiring certified fire shutters
- Commercial facilities with restricted space
- Shopping centres and arcades
- Warehouses and storage facilities
- Public buildings requiring fire compliance.

Key Features:

- Fire-rated to 120 minutes
- Compact 100 mm profile with Bluescope Z275 galvanised steel
- Heavy-duty 133 x 35 x 2.5 mm guides
- Cast iron clips for durability and slat stability
- Manual or motorised operation with fire system integration
- Tested and compliant with AS1530.4 FRL system
- Available in galvanised or powdercoated finishes with both sides coated as standard.



Specifications Summary

Feature	F75 -/120/-	F100 -/120/-
Fire Rating	120 mins	120 mins
Slat Size	75 mm roll-formed slat	100 mm roll-formed slat
Slat Thickness	1.0 mm	1.0 mm
Max Width	Up to 9 m (single span)	Up to 9 m (single span)
Max Height	Up to 6 m	Upto 6 m
Finishes	Galvanised or Dulux powdercoat (both sides coated standard)	Galvanised or Dulux powdercoat (both sides coated standard)
Guides	100 mm and 133 mm	100 mm and 133 mm
Operation	Grifco fire shutter hoist or motor with fusible link / FIP release	Grifco fire shutter hoist or motor with fusible link / FIP release
Bottom Rail	Steel angle (no rubber seal)	Steel angle (no rubber seal)
Applications	Retail tenancies, shopping centres, commercial, Warehouses, public buildings, industrial facilities	Retail tenancies, shopping centres, commercial, Warehouses, public buildings, industrial facilities

Additional Notes:

- Fire Ratings: Expressed as -/-- (structural adequacy / fire integrity / insulation). BX ARCO Fire Shutters are certified for fire integrity of 120 minutes. No insulation value is provided; drenching may be required if insulation is specified.
- Curtain: Roll formed Bluescope Z275 galvanised steel, 1.0 mm profile.
- Bottom Rail: Two 45 x 50 x 4.73 mm steel angles mounted back to back. No rubber seal included.
- Drum: C350 seamless line pipe with cold-drawn 1020 solid bar axles on sealed roller bearings. Includes Australian-made helical springs for sprung doors.
- Operation: Options include Grifco fire shutter manual hoist with fusible link, optional magnet release, or Grifco fire shutter motor with auto-close linked to fire indicator panel (FIP).
- Finishes: Supplied in galvanised (silver) or Dulux powdercoat finishes. Both sides of slats coated as standard for superior protection and colour consistency.
- Weight: Approx. 14.1 kg/m² (1.0 mm), not including drum or motor.
- Maximum Size: 9 m wide x 6 m high.



A1000 Vertical Tilt Up Counterweight Balanced Door

Custom-built counterweight tilt door for secure, for operation up to 7 m openings

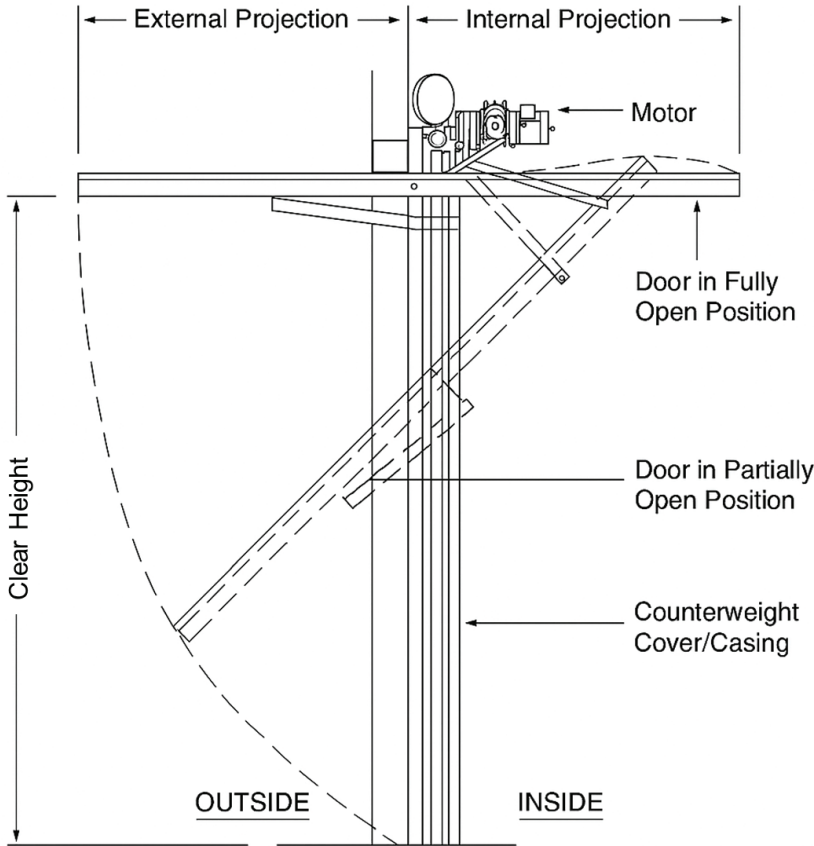
The BX ARCO A1000 is a custom-made counterweight balanced door designed for applications where security, superior appearance and low maintenance are essential. Spanning openings from 1 m up to 8 meters (8000 mm) wide (wider spans covered by the A3000), the A1000 delivers exceptionally high operational cycles, low noise emissions and versatile cladding or glazing options. With BX ARCO's custom operating mechanism, the A1000 achieves over 100,000 cycles per year, the highest in its class.

Ideal for:

- Warehouses
- Commercial premise
- Mining operations
- Automotive facilities (workshops, dealerships, service centres)
- Manufacturing plants
- Aviation hangars
- Educational facilities

Key Features:

- Custom-built for each application
- High security and low-noise operation
- Over 100,000 cycles annually with minimal maintenance
- Designed to withstand site-specific wind loads (AS/NZS 1170.2:2021)
- Accepts a wide range of cladding and glazing materials
- Manual or motorised operation options
- Additional locking systems available for enhanced security.



Specifications Summary

Feature	A1000 Counterweight Balanced Door
Door Type	Vertical Tilt Counterweight Balanced Door
Span Width	Custom designed (Wind Load, Size, Application dependent)
Operation	Manual (Size & Weight dependent) or motorised
Cycles	Over 100,000 cycles annually with minimal maintenance
Noise	Low-noise operation, suitable for sound-sensitive areas
Motorisation	Includes guides, torque limiter drive unit, limit switches, overhead shaft and control system
Cladding / Glazing	Trimdek, Custom Orb, Laminated Glass, Polycarbonate, Perspex, Laserlite, Aluminium Composite Panels (ACP)
Wind Load	Designed to site-specific wind loads to AS1170.2-2021 (Certificate dependent)
Applications	Industrial and commercial facilities, schools, architectural projects, high-traffic sites

- High security
- 100,000+ cycles (durability)
- Low noise
- Custom build
- Wind load compliant
- Cladding and glazing versatility

Additional Notes:

- Motorisation: Includes guides, limit switches, overhead shaft and control system. Existing manual doors can be converted with modification.
- Locking: Pad bolts for manual doors; motorised versions lock via the motor, with optional electric or magnetic locks for added security.
- Cladding / Glazing: Compatible with Trimdek, Custom Orb, Laminated Glass, Polycarbonate, Perspex, Laserlite, Aluminium Composite Panels (ACP).
- Installation: Requires operational clearances and permanent space, important for drive-through and structural planning.



A3000 Foldaway Counterweight Balanced Door

Bi-Fold Counterweight Balanced Door

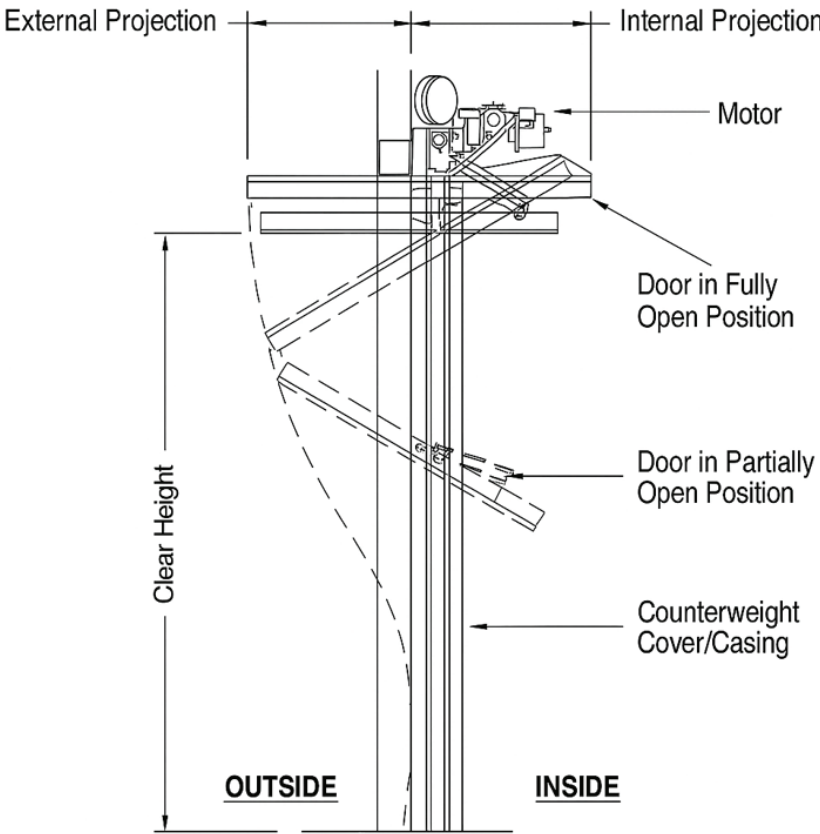
The BX ARCO A3000 is a custom-made counterweight balanced door designed for applications where security, superior appearance and minimal internal projection are required. Spanning openings from 1 m up to 12 m wide, the A3000 requires little headroom and is engineered for large-scale facilities. It delivers low maintenance, exceptionally high operational cycles and can be designed with a wide variety of cladding and glazing options. With BX ARCO's custom mechanism, the A3000 achieves over 100,000 cycles per year, making it one of the most durable door systems available.

Ideal for:

- Warehouses
- Commercial premises
- Distribution centres
- Mining operations
- Automotive facilities (workshops, dealerships, service centres)
- Manufacturing plants
- Educational facilities
- Correctional centres
- Defence facilities.

Key Features:

- Minimal internal projection with low headroom requirement
- Spans up to 12 m wide
- Over 100,000 cycles annually with minimal maintenance
- Designed to withstand site-specific wind loads (AS/NZS 1170.2:2021)
- Accepts a wide range of cladding and glazing materials
- Manual or motorised operation options
- Additional locking systems available for enhanced security
- Built for high-traffic and heavy-duty environments.



Specifications Summary

Feature	A3000 Counterweight Balanced Door
Door Type	Vertical Bi-Fold Counterweight Balanced Door
Span Width	Custom designed (Wind Load, Size, Application dependent)
Operation	Manual (Size & Weight dependent) or motorised
Cycles	Over 100,000 cycles annually with minimal maintenance
Noise	Quiet and smooth operation
Motorisation	Includes guides, torque limiter drive unit, limit switches, overhead shaft and control system
Cladding / Glazing	Trimdek, Custom Orb, Laminated or Toughened Glass, Polycarbonate, Perspex, Laserlite, Aluminium Composite Panels (ACP)
Wind Load	Designed to site-specific wind loads to AS1170.2-2021 (Certificate dependent)
Applications	Fire and ambulance stations, aircraft hangars, transport depots, large industrial facilities

Additional Notes:

- Motorisation: Includes guides, limit switches, overhead shaft and control system. Existing manual doors can be converted with modification.
- Locking: Pad bolts for manual doors, with padlock options for additional security. Motorised doors lock via the drive unit, with optional electric or magnetic locks available.
- Cladding / Glazing: Compatible with Trimdek, Custom Orb, Laminated or Toughened Glass, Polycarbonate, Perspex, Laserlite and Aluminium Composite Panels. Vertical bar grille format also available.
- Installation: Requires operational clearances and permanent space. These must be considered early as they impact drive-through and structural planning.



A5000 Vertical Lift Counterweight Balanced Door

Vertical Lift Counterweight Balanced Door

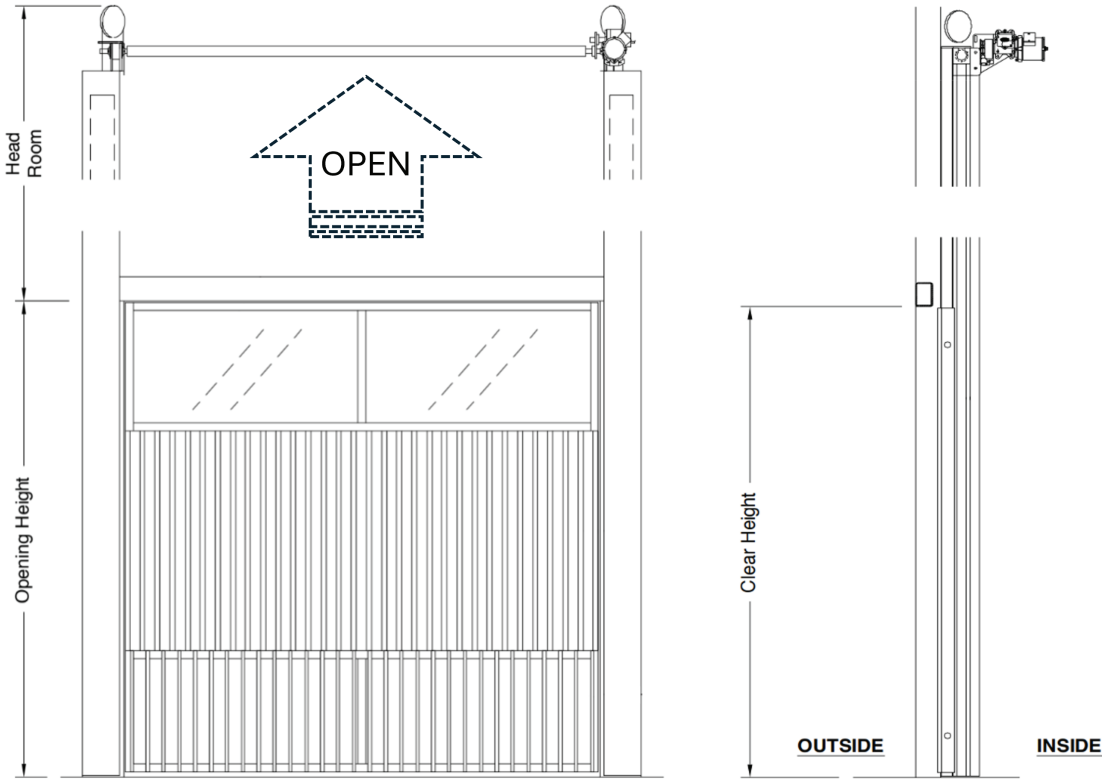
The BX ARCO A5000 is a custom-made counterweight balanced door designed for applications where security, superior appearance and control of noise or temperature are required. Suitable for both large and small openings, the A5000 delivers exceptionally high operational cycles with low maintenance. It can be tailored with a wide range of cladding and glazing options and is available in manual or motorised operation.

Ideal for:

- Car park entries
- Security areas
- Commercial and industrial buildings
- Education and government buildings
- Defence facilities.

Key Features:

- Vertical lift design suitable for large or small openings
- Over 100,000 cycles annually with minimal maintenance
- Capable of supporting noise and temperature control with appropriate cladding
- Manual or motorised operation options
- Accepts a wide range of cladding and glazing materials
- Non-intrusive to building façade (external and internal)
- Designed to withstand site-specific wind loads (AS/NZS 1170.2:2021).



Elevation (FRONT VIEW) SECTION VIEW

Specifications Summary

Feature	A5000 Counterweight Balanced Door
Door Type	Vertical Lift Counterweight Balanced Door
Span Width	Varies by wind loading (Up to 8000 mm High, Up to 12000 mm Wide)
Operation	Manual or Motorised
Cycles	Over 100,000 cycles annually with minimal maintenance
Noise	Designed for quiet operation with efficient sealing
Motorisation	Variable drive unit with manual release, limit switches, overhead shaft and control system
Cladding / Glazing	Trimdek, Custom Orb, Laminated or Toughened Glass, Polycarbonate, Perspex, Laserlite, Aluminium Perforation Panels, Aluminium Composite Panels (ACP)
Wind Load	Designed to site-specific wind loads to AS/NZS 1170.2:2021
Applications	Car parks, loading docks, cool rooms, security areas, commercial and domestic facilities

Additional Notes:

- Motorisation only: No manual option. Includes guides, variable drive unit with manual release, independent limit switches, overhead shaft and control system.
- Locking: Secured by the motor drive unit, with optional electric or magnetic locks for added security.
- Cladding / Glazing: Flexible finish options including Steel profiles (Trimdek, Custom Orb), Glass (laminated or toughened), Polycarbonate, Perspex, Laserlite, Aluminium Perforation Panels and Aluminium Composite Panels (ACP).
- Installation: Vertical lift design requires headroom approximately double the opening height. Allow for clearances and permanent space during planning to avoid interference with drive-through and structural elements.



Sliding Gate/Swing Gate

Commercial/Industrial gates

BX ARCO offer a range of standard and engineered gate systems for the industrial/commercial market. The range includes Sliding Gates, Bi-Parting Gates and Swing Gates.

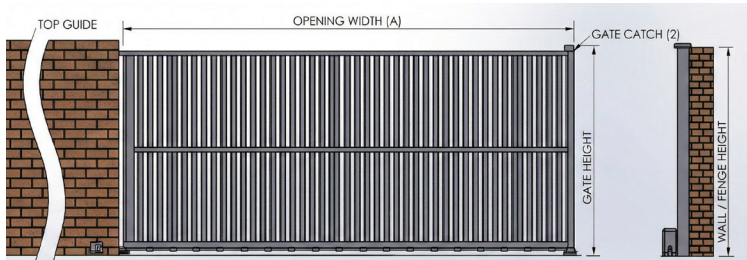
Ideal for:

- Industrial Facilities
- Commercial Properties
- Transport & Logistics
- Government & Defence
- Education

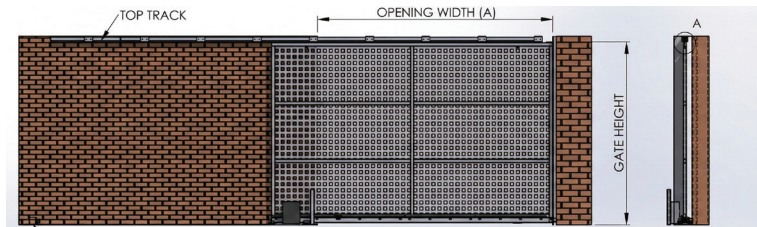
Key Features:

- Heavy-Duty Construction
- Custom Engineering,
- Safety and Compliance
- Low Maintenance Design
- Security Enhancements
- Aesthetic Options

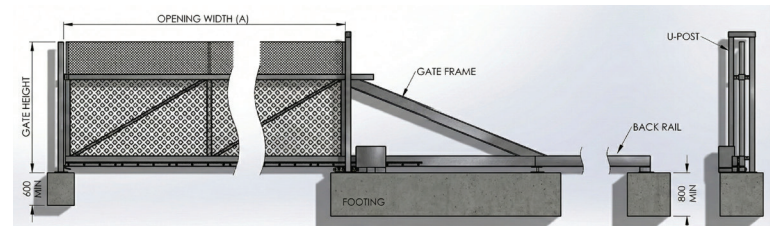
Floor Track Sliding Gate



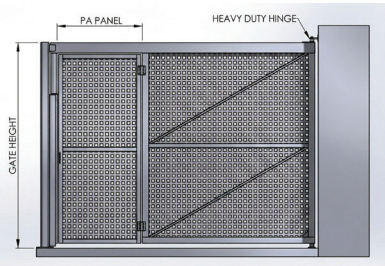
Top Hung Sliding Gate



Cantilever Sliding Gate



Single Swing Gate



Bi-Part Swing Gate



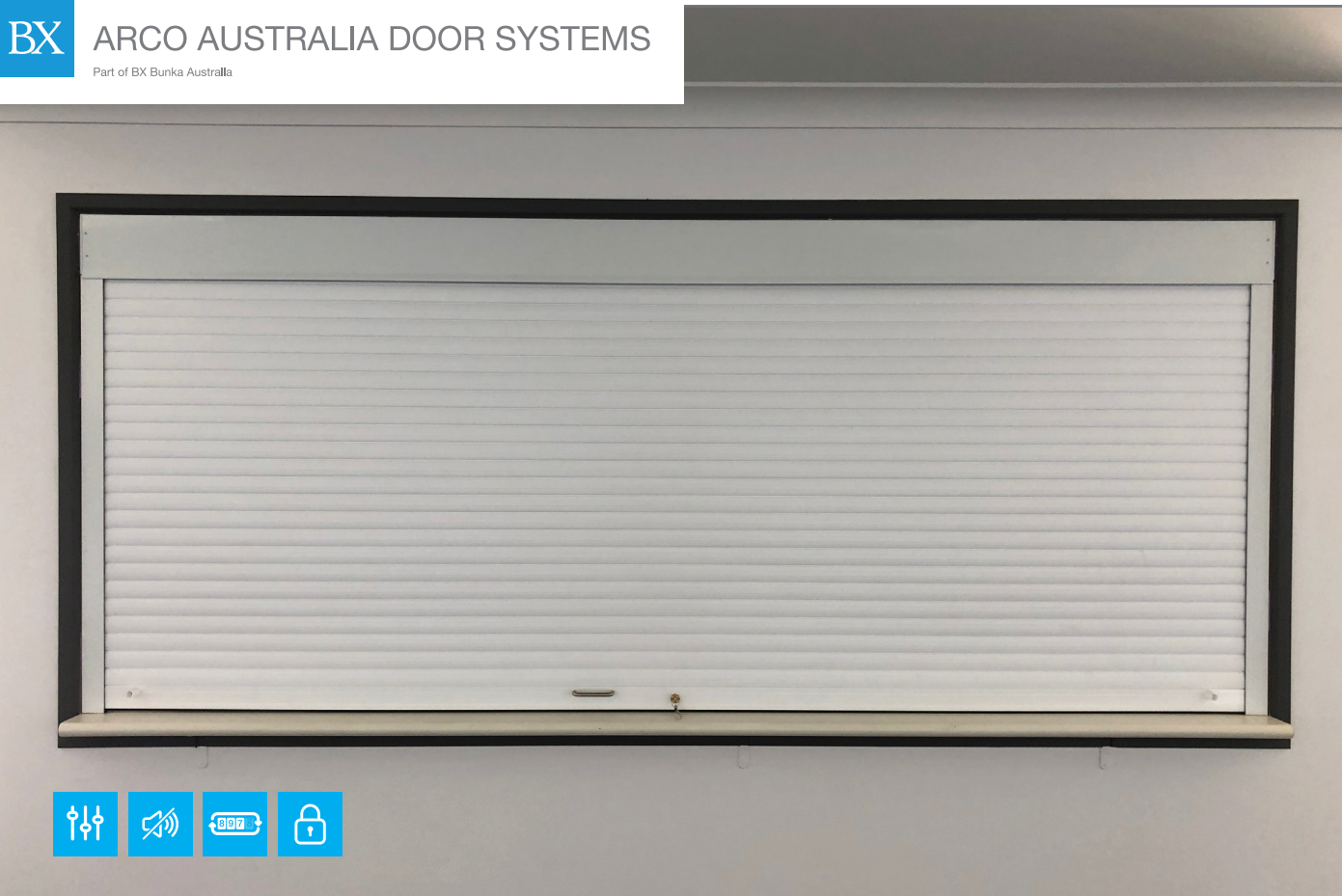
Specifications Summary

Feature	Sliding Gates		
Door Type	ASLG Floor Track	ASLG 20 Top Hung	ASLG 30 Cantilever
Span Width	≤ 30,000 mm (30 m)	≤ 30,000 mm (30 m)	≤ 30,000 mm (30 m)
Operation	Manual, Motorised	Manual, Motorised	Manual, Motorised
Motorisation	Electric Motor	Electric Motor	Electric Motor

Feature	Swing Gates	
Door Type	ASWG 10 Single Swing	ASWG 20 Bi-Parting
Span Width	Up to 6 m	Up to 9 m
Operation	Manual, Motorised	Manual, Motorised
Motorisation	Electric Motor	Electric Motor

Additional Notes:

- Soft start/stop motor options
- Battery backups
- Manual override
- Programmable logic controllers
- Custom made gates
- Heavy duty for industrial/commercial applications



Slimline Aluminium Shutter

(42mm) Aluminium Roller Shutter

The Slimline Aluminium Roller Shutter is designed to provide strong security, durability and aesthetic appeal for a wide range of markets. Purpose-built for retail, hospitality, tourism, education and clubs, the Slimline offers exceptional protection with a contemporary finish. Compact and versatile, it is commonly specified for fire hose reel cupboards, counter tops, bar tops and doorways. Easy to operate and low maintenance, the Slimline can be manually operated or motorised depending on the application.

Ideal for:

- Retail shops and counters
- Hospitality and bar areas
- Schools and universities
- Tourism and club facilities
- Fire hose reel cupboards and security doors

Key Features:

- Secure, robust aluminium extruded slats (43 mm x 1.4 mm)
- Manual: up to 3,000 mm high x 3,000 mm wide
- Motorised: up to 4,000 mm high x 5,500 mm wide
- Minimal maintenance with smooth, quiet operation
- Vision panel or slotting options for ventilation or infill
- Anodised or powdercoated finish options
- Customisable with mullions for wider openings

Specifications Summary

Feature	Slimline Aluminium Shutter
Door Type	Aluminium Roller Shutter
Span Width	Up to 3.0 m wide x 3.0 m high (manual); up to 5.5 m wide x 4.0 m high (motorised)
Operation	Manual or motorised
Curtain / Slats	43 mm x 1.4 mm extruded aluminium slats with nylon end clips
Noise	Smooth, quiet operation with minimal maintenance
Locking	Two-way mortise key lock or sliding shoot bolt (manual); motorised via key switch
Finish	Clear anodised or powdercoated colours
Applications	Retail shops, hospitality venues, schools, fire hose reel cupboards, bar and counter tops

Additional Notes:

- Motorisation: Includes guides, Motor with manual release, Automation and Safety accessories available
- Two-point locking bottom rail
- Can be installed in between walls with minimal side room
- Multi angle Mullions are available to extend door openings



Arcade 2 Aluminium Roller Shutter

(75mm) Versatile Aluminium Roller Shutter for Retail, Hospitality and education Applications

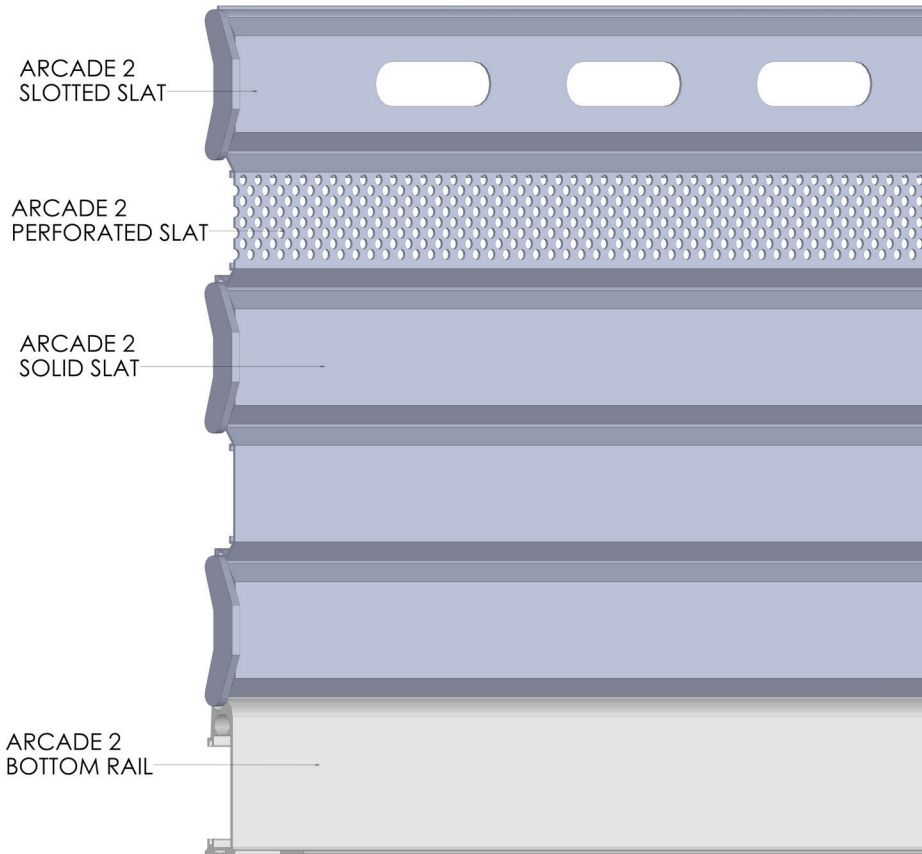
The Arcade 2 Aluminium Roller Shutter is designed to provide strong security, durability and visual appeal for retail, hospitality, tourism, education and club markets. With its extended aluminium slat featuring a bevelled external face, the Arcade 2 combines functional protection with architectural styling. It offers a wide range of options including slotting, ventilation and vision panels with infills, making it versatile for a variety of applications. Easy to operate and low maintenance, the Arcade 2 can be manually operated or motorised.

Ideal for:

- Shopfronts and doorways
- Bottle shops
- Bar and counter tops
- Arcades and clubs
- Sports complexes
- Education and hospitality environments

Key Features:

- Extended aluminium slat (75 mm x 1.5 mm) with bevelled face
- Secure, robust and low maintenance
- Manual or motorised operation options
- Slotting and vision panel options for airflow, dust seal or visibility
- Suits openings up to 3 m high x 3.0 m wide (manual); up to 4.0 m high x 5.5 m wide (motorised)
- Multiple mullion types available for wide or angled openings
- Anodised or powdercoated finishes available.

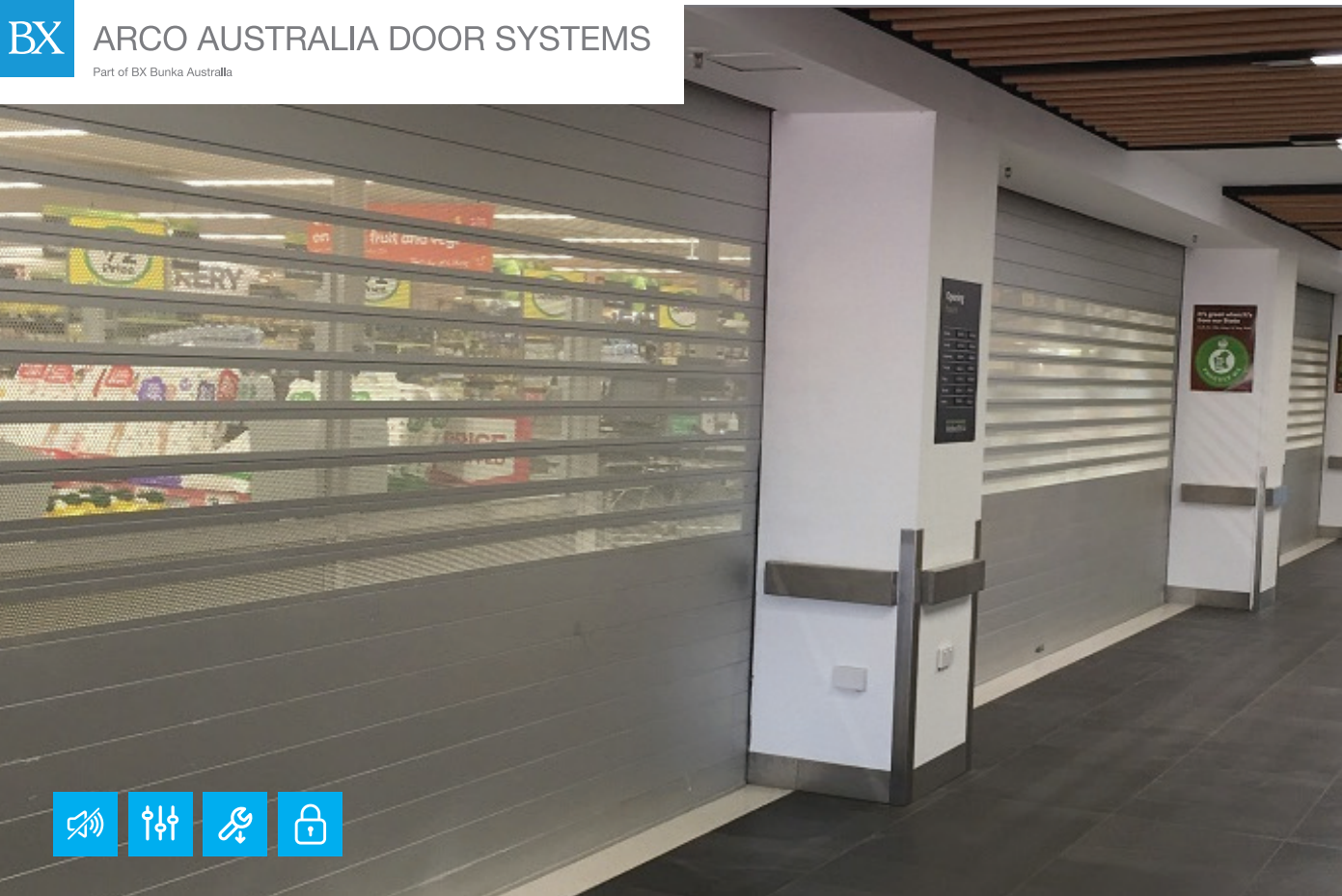


Specifications Summary

Feature	Arcade 2 Aluminium Roller Shutter
Door Type	Aluminium Roller Shutter with bevelled slat design
Span Width	Up to 3.0 m high x 3.0 m wide (manual); up to 4.0 m high x 5.5 m wide (motorised)
Operation	Manual or motorised
Curtain / Slats	75 mm x 1.5 mm extruded aluminium slats with nylon end clips
Noise	Smooth operation, low maintenance
Options	Slotting and vision panels for airflow and visibility; dust-proof infills available
Locking	Two-way mortise key lock or sliding shoot bolt (manual); motorised via key switch
Finish	Clear anodised or powdercoated colours
Applications	Shopfronts, bottle shops, arcades, bar and counter tops, sports complexes, clubs

Additional Notes:

- Motorisation: Includes guides, motor with manual release, automation and safety accessories available.
- Bottom Rail: Two-point locking bottom rail.
- Installation: Can be installed between walls with minimal side room.
- Mullions: Multi-angle mullions are available to extend door openings.
- Curtain Options: Polycarbonate infills available on perforations.



Arcade 3 Aluminium Roller Shutter

(118mm) Ultra-strong aluminium roller shutter for large shopfronts and high-security applications

The Arcade 3 is a heavy-duty aluminium roller shutter designed for high-security environments and large-scale openings. Manufactured with a 118 mm extruded aluminium slat, it provides strength, durability and functional protection while retaining architectural appeal. Suitable for openings up to 4 m high and 10m wide in a single span, Arcade 3 is the preferred choice for retail, commercial and public spaces requiring robust security and versatile design options.

Ideal for:

- Retail shopfronts
- Commercial premises
- Hospitality venues
- Public buildings and facilities
- Sporting complexes and entertainment venues
- Security car parks and medical facilities

Key Features:

- 118 mm x 1.4 mm extruded aluminium slats with nylon end clips for reduced wear
- Manual: up to 3,000 mm high x 3,000 mm wide
- Motorised: up to 5,000 mm high x 11,500 mm wide
- High strength for retail, commercial, public and industrial use
- Optional slotting or polycarbonate infills for ventilation and visibility
- Perforated slat option for airflow (6.5 mm holes at 9 mm centres)
- Manual or motorised operation available
- Wide range of motorisation and control methods available
- Anodised or powdercoated finishes available



Specifications Summary

Feature	Arcade 3 Aluminium Roller Shutter
Door Type	Heavy-duty Aluminium Roller Shutter
Span Width	Height: 5000 mm (motorised), 3000 mm (Manual) Width: 11500 mm (motorised), 3000 mm (Manual)
Operation	Manual or motorised
Curtain / Slats	118 mm x 1.5 mm extruded aluminium slats with nylon end clips
Noise	Optional buffers for quieter operation
Options	Slotting with acrylic, polycarbonate infills or perforated aluminium slats for airflow and visibility
Locking	Centrally mounted bottom rail lock; not recommended for motorised doors
Finish	Matt natural anodised standard; powdercoating optional
Applications	Retail shopfronts, commercial buildings, hospitality, public facilities, sporting complexes, security car parks

Additional Notes:

- Motorisation: Includes guides, motor with manual release, and compatible automation and safety accessories.
- Curtain Options: Polycarbonate infills available on perforated slats.
- Smoke Control: Smoke baffle motors available for shopfront applications.
- Side Guides: 105 mm x 35 mm extruded aluminium with 100 mm leg for fixing.



Clearspan

Clearspan Polycarbonate Roller Shutter

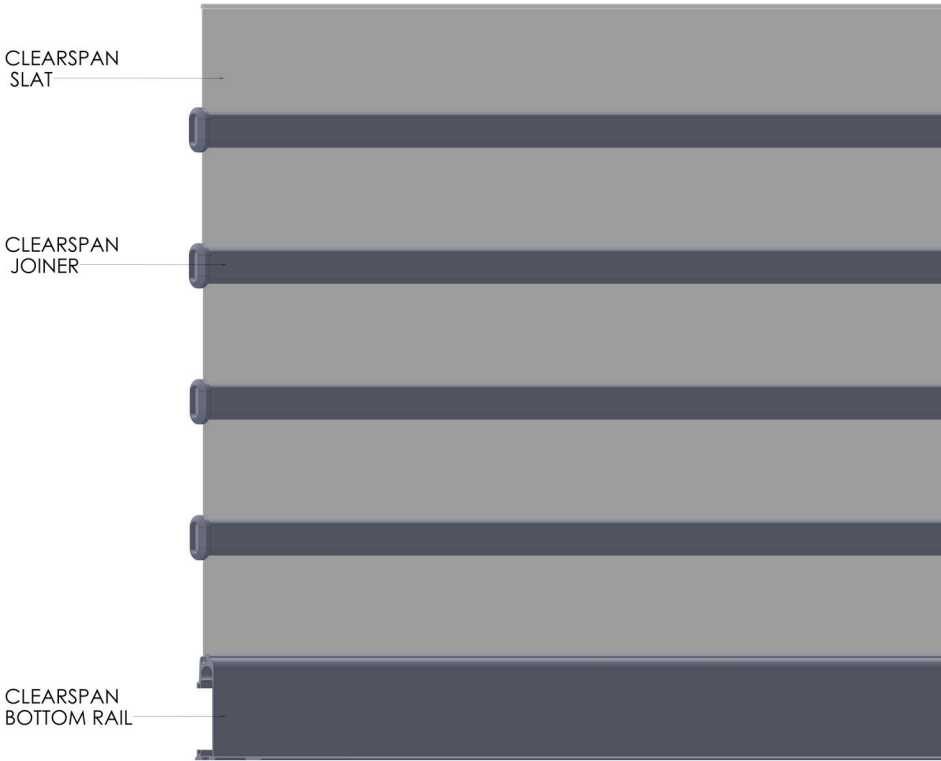
The Clearspan Roller Shutter combines modern design with proven durability. Built with clear polycarbonate panels interlocked with aluminium extrusions, it provides strength and style while allowing merchandise to remain visible after hours. Perfect for showcasing displays, it delivers both protection and marketing opportunity in one solution.

Ideal for:

- Retail stores and shopfronts
- Shopping centres and arcades
- Airports and public facilities
- Bars, cafés and restaurants
- Commercial premises requiring after-hours display visibility

Key Features:

- Durable interlocking design with aluminium extrusions
- Visibility – clear polycarbonate panels for product display after hours
- Vermin protection – full curtain coverage with secure side guides
- Finish options – standard matt natural anodised or powdercoated
- Flexible installation – lift-out mullions for wide openings or angled layouts
- Smooth operation – moulded end clips prevent lateral movement in guides



Specifications Summary

Feature	Clearspan
Door Type	Lightweight Clear Shopfront door
Span Width	Up to 3 m high x 3.0 m wide (manual); up to 4.0m high x 5.5 m wide (motorised)
Operation	Manual, Motorised
Curtain / Slats	100 mm x 1.5 mm
Noise	Optional nylon felt/mohair buffer for quieter operation
Options	Should be "An optional perforation is available on aluminium slats (the joiners)
Locking	Two-way mortise key lock or sliding shoot bolt
Finish	Clear anodised, Powdercoated
Applications	Shopfronts, pedestrian openings, arcades, bar and counter tops, clubs

Additional Notes:

- Curtain: Clear polycarbonate extrusions (100 mm depth × 1.6 mm thick) interlocked with 30 mm aluminium members
- Side guides: 50 mm × 33 mm extruded aluminium with false back; optional Nylofelt buffer
- Brackets: 90 mm × 40 mm mild steel
- Mullions: Two-piece aluminium, lift-out type with shoot bolts; special wide mullions available for angled junctions
- Standard finish: Clear anodised; optional powdercoat



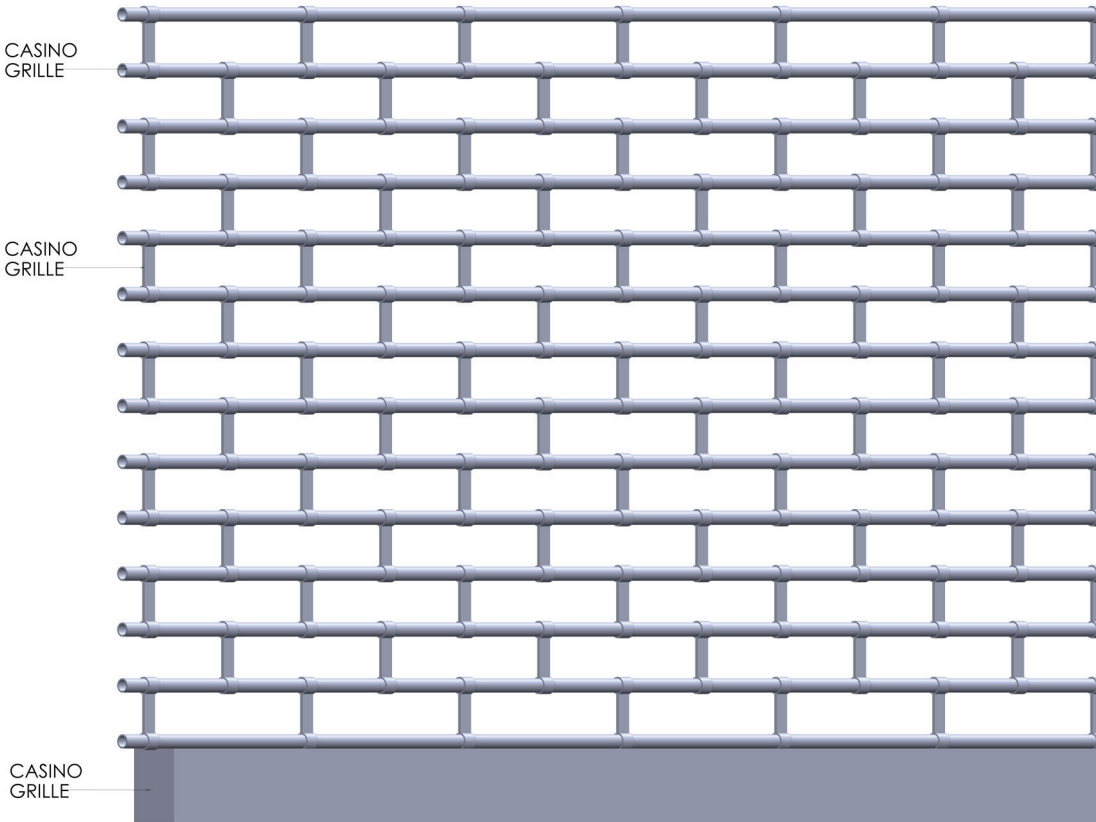
CASINO – Aluminium Roller Grille

Lightweight aluminium roller grille for secure retail and hospitality applications.

The CASINO Roller Grille is a lightweight all-aluminium grille designed to provide an attractive and secure barrier while allowing airflow, visibility and natural light. Constructed with 12 mm aluminium tubing and nylon links, CASINO combines durability with a sleek brick-like pattern, making it ideal for shopfronts, counters and arcades. Easy to operate and low maintenance, the CASINO Grille is better suited for manual applications, but has a motorised option for larger doors.

- Ideal for:**
- Shopfronts
 - Pedestrian openings
 - Arcades
 - Bar and counter tops
 - Clubs and hospitality venues

- Key Features:**
- 12 mm aluminium tubing with nylon links in a brick-like pattern
 - Height: 4m (motorised), 3m (Manual).
 - Width: 5.5m (motorised), 3m (Manual)
 - Allows airflow, visibility and light infiltration
 - Robust yet lightweight construction
 - Optional waist-high or concealed locking systems
 - Available in anodised or powdercoated finishes.



Specifications Summary

Feature	CASINO Grille
Door Type	Lightweight Aluminium Roller Grille
Span Width	Height: 4000 mm (motorised), 3000 mm (Manual). Width: 5500mm (motorised), 3000mm (Manual)
Operation	Manual or motorised
Curtain	12 mm aluminium tubes with nylon links in brick-like pattern
Noise	Smooth, low-maintenance operation
Locking	Two-way mortise key lock or sliding shoot bolt.
Finish	Clear anodised or powdercoated
Applications	Shopfronts, pedestrian openings, arcades, bar and counter tops, clubs

Additional Notes:

- Curtain: Constructed from 12 mm aluminium tubes at 50 mm centres connected with 116 mm x 10 mm nylon links.
- Side guides: 50 mm x 33 mm extruded aluminium with false back; optional Nylofelt buffer
- Brackets: 90 mm x 40 mm mild steel
- Mullions: Two-piece aluminium, lift-out type with shoot bolts; special wide mullions available for angled junctions
- Standard finish: Clear anodised; optional powdercoat



Stadium Grille

Heavy-duty aluminium roller grille for large commercial and public facilities

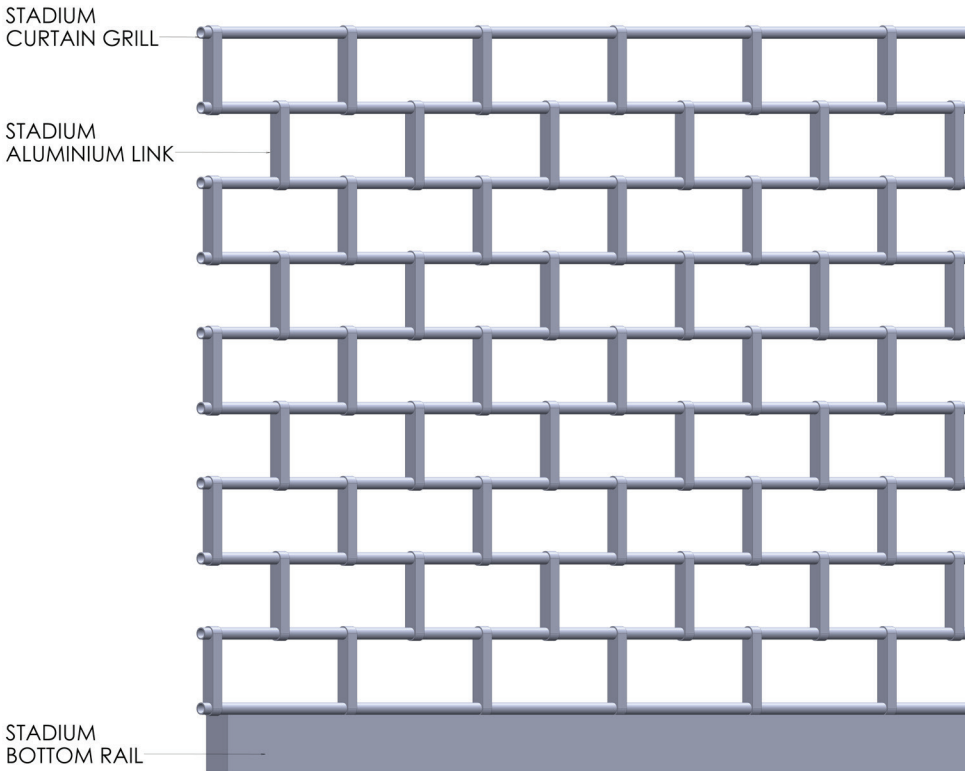
The Stadium Roller Grille is a heavy-duty aluminium grille designed for high-security environments where airflow and visibility must be maintained. Constructed from 19 mm extruded aluminium tubes connected with reinforced links, Stadium is capable of spanning large openings up to 4.5 m high and 8.0 m wide in a single span. With a robust brick-like pattern, it is the preferred solution for shopping centres, car parks, sports facilities and other high-traffic areas.

Ideal for:

- Security car parks
- Shopping centres and retail complexes
- Arcades and sporting complexes
- Clubs, bars and hospitality venues
- Public buildings and transport facilities.

Key Features:

- 19 mm aluminium tubing with reinforced links in a brick-like pattern
- Height: 4.5m (motorised), 3m (Manual).
- Width: 7.85m (motorised), 3m (Manual)
- Manual or motorised operation with wide range of control options
- High-strength grille for high-security applications
- Optional rubber twin fin or mohair felt buffers for quiet operation
- Available in clear anodised or powdercoated finishes.



Specifications Summary

Feature	Stadium Grille
Door Type	Heavy-duty Aluminium Roller Grille
Span Width	Up to 4.5 m high x 7.85 m wide (single span)
Operation	Manual or motorised (wide range of control options)
Curtain	19 mm aluminium tubes with reinforced links in brick-like pattern
Noise	Optional rubber twin fin or mohair felt buffers for quieter operation
Locking	Centrally mounted bottom rail lock (manual locking not recommended with motorised), Optional Shoot Bolts
Finish	Clear anodised standard; powdercoated optional
Applications	Security car parks, shopping centres, sports complexes, clubs, bars, arcades, commercial facilities

Additional Notes:

- Motorisation: Includes guides, Motor with manual release, Automation and Safety accessories available
- Slide Guides 105 mm x 35 mm guide for motorised or 50 mm x 33 mm guide for manual.



Mikado Multi Folding Door

User-friendly aluminium folding doors with ventilation

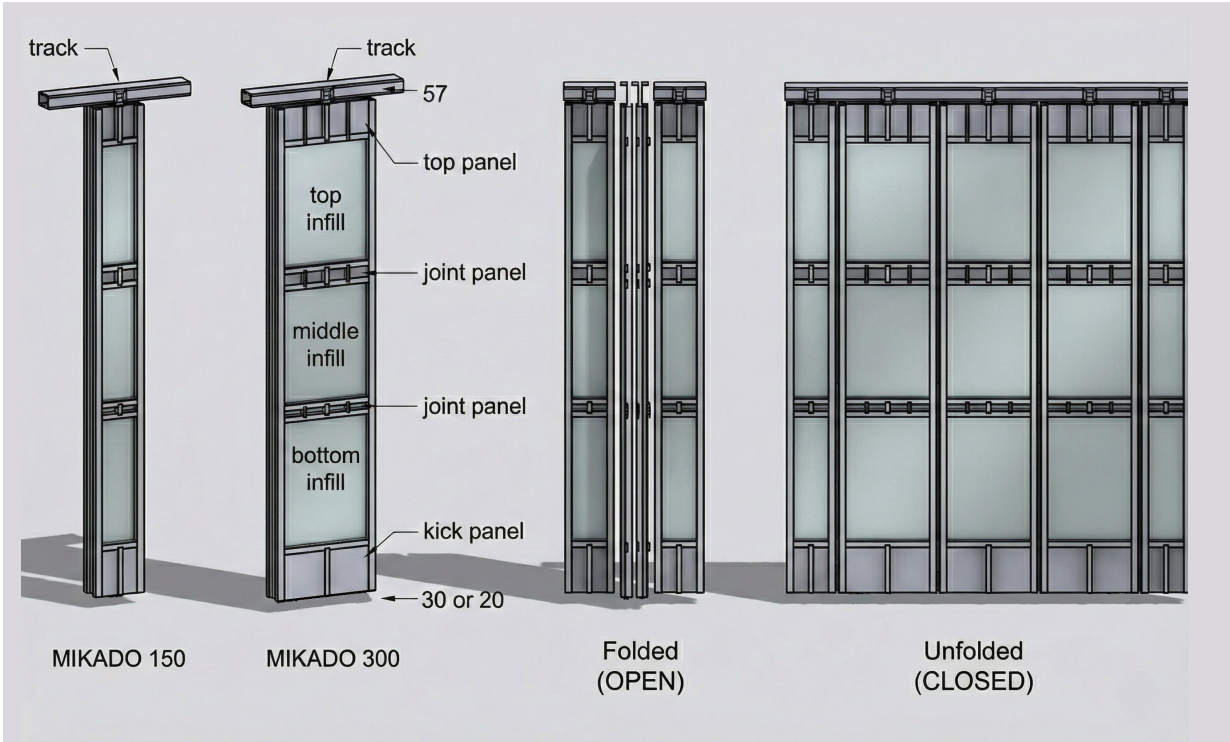
The Mikado Folding Door is designed for ease of use, ventilation and flexible access solutions. Constructed from extruded aluminium with interlocking hinges and rollers, the panels fold, slide and stack neatly into a pocket with minimal effort. Available in single or bi-parting configurations, Mikado can also be designed with a curved track for increased flexibility, allowing panels to travel around corners. With a choice of infill panels, the Mikado provides both functionality and a pleasing visual appearance, making it ideal for commercial, retail and hospitality applications.

Ideal for:

- Retail shopfronts
- Hospitality venues
- Medical facilities
- Social and sports complexes
- Commercial premises requiring flexible openings.

Key Features:

- Single or bi-parting openings with optional curved track
- Effortless hand-push manual operation
- Choice of 300 mm or 150 mm wide panels
- Standard 3 mm clear polycarbonate panel infill
- Optional solid aluminium or multi-hole aluminium panels for enhanced security
- Stack neatly into wall pockets for space efficiency
- Maximum height up to 4200 mm, width as required
- Available in anodised or powdercoated finishes.



Specifications Summary

Feature	Mikado Multi Folding Door
Door Type	Aluminium folding door system
Panel Sizes	150 mm or 300 mm wide panels
Max Height	Up to 3,600 mm
Width	Unlimited (stacking into pocket)
Operation	Manual hand-push; panels fold and slide into wall pocket
Track Options	Straight or curved overhead track
Panel Infill	Standard 3 mm clear polycarbonate; optional solid aluminium or perforated aluminium for added security
Locking	Lead post lockset every ~2 m; lock clip design allows easy maintenance
Finish	Clear anodised or powdercoated
Applications	Retail, hospitality, medical, social and sports complexes, commercial premises

Additional Notes:

- Panels: Aluminium extrusions with polycarbonate infils
- Top Guide: 41 mm Top guide which can be recessed
- Larger doors can be bi-folds, and open into both sides of the opening
- Standard finish: Clear Anodised; optional powder-coated finish.



Esavian Sliding and Folding Doors

Large-scale sliding and folding doors for aviation and specialist facilities

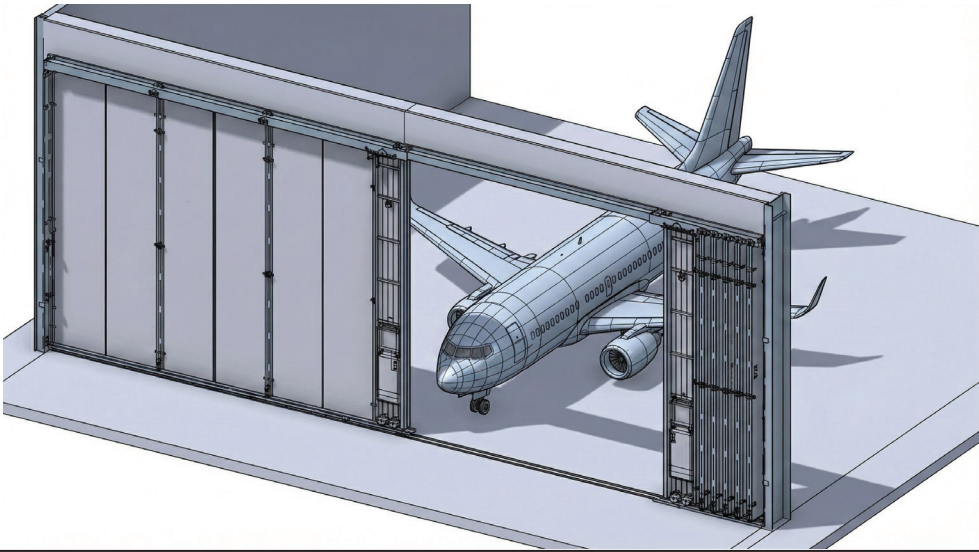
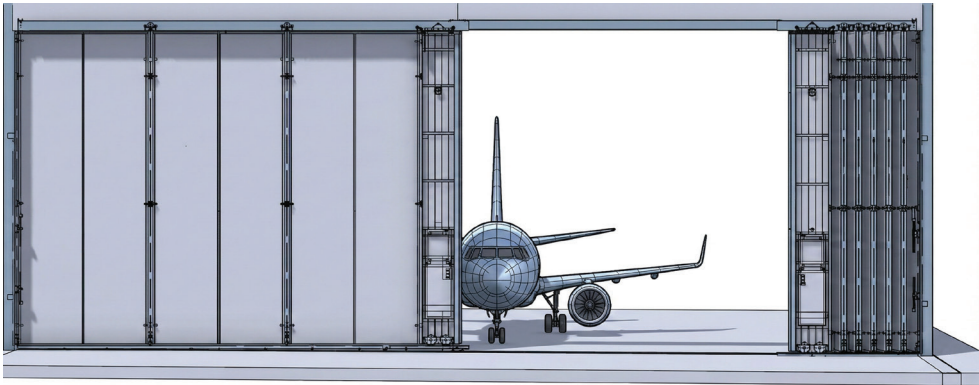
In partnership with Jewers Doors Limited, BX ARCO Australia Door Systems offers the world-leading Esavian range of large-scale sliding and folding door systems. Engineered for exceptional performance and durability, these systems are designed to meet the demanding requirements of aircraft hangars and specialist facilities. Each solution can be customised with cladding, glazing and integrated personnel doors to suit specific operational and architectural requirements.

Ideal for:

- Aircraft hangars
- Defence and aerospace facilities
- Large industrial facilities
- Maintenance and overhaul facilities
- Custom architectural projects requiring large-span openings.

Key Features:

- Unlimited width and height configurations (model dependent)
- Sliding or folding configurations available
- Highly insulated designs with optional vision panels and personnel doors
- Uni-directional or multi-directional operating configurations
- Flexible cladding options to suit project requirements
- Engineered for long-term durability and reliable performance.



Specifications Summary

Feature	126-SBR	400-FBR	400-FTH
Door Type	Horizontally sliding bottom rolling	Folding bottom rolling	Folding top hung
Max Width	Unlimited	Up to 40 m	Up to 40 m
Max Height	Unlimited	Up to 9 m	Up to 9 m
Operation	Multi-track uni- or bi-directional	Panels fold one or both sides (up to 20 panels each side)	Panels fold one or both sides (up to 20 panels each side)
Insulation	Dependent on cladding	High insulation	High insulation
Cladding Options	Any specified cladding	Any specified cladding	Any specified cladding
Personnel Access	Optional integrated doors	Optional integrated doors	Optional integrated doors
Applications	Aircraft hangars, wide-span industrial	Aviation, defence, large industrial	Aviation, defence, large industrial

Additional Notes:

- Esavian 126-SBR: Horizontally sliding, bottom rolling door system. Can be configured on multiple tracks as a multi-directional or uni-directional door of unlimited width and height. Accepts a variety of cladding materials and incorporates personnel access doors.
- Esavian 400-FBR: Folding, bottom rolling door system. Up to 20 panels folding to one or both sides, allowing openings of up to 40 m wide x 9 m high (subject to wind loads). Highly insulated and includes windows and personnel doors.
- Esavian 400-FTH: Folding, top hung door system. Up to 20 panels folding to one or both sides, allowing openings of up to 40 m wide x 9 m high (subject to wind loads). Highly insulated and includes windows and personnel doors.



Compact® Doors

Innovative folding design that maximises space, style, and flexibility.

The Compact® Door by Rolflex is a unique overhead folding door designed for applications where traditional sectional or roller doors cannot fit. Its space-saving folding mechanism requires no overhead tracks, allowing optimal use of ceiling and wall space — ideal for areas with cranes, ducts, lighting, or limited clearance.

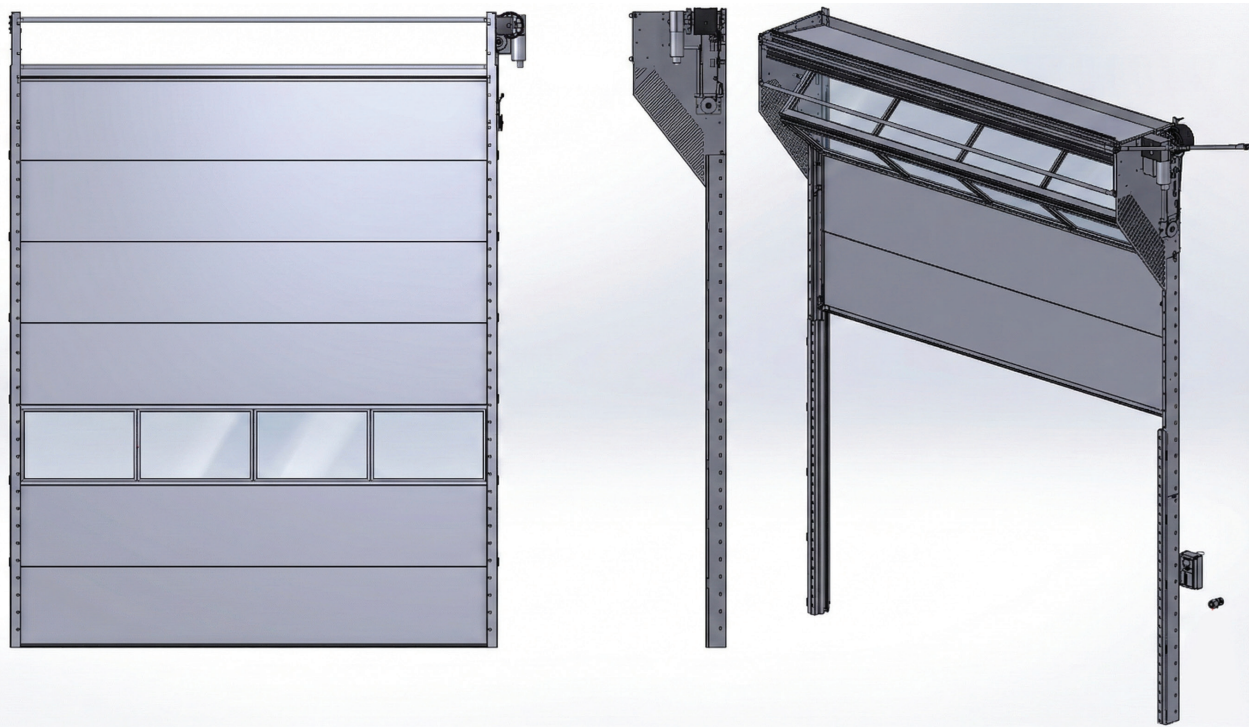
Manufactured in the Netherlands and distributed in Australia by BX Bunka, the Compact® Door combines modern aesthetics with proven European engineering. It's a practical and stylish solution for workshops, showrooms, car washes, spray booths, and industrial facilities.

Ideal for:

- Automotive workshops
- Showrooms
- Spray booths
- Warehouses
- Food industry
- Emergency services

Key Features:

- No Overhead Rails: Panels fold vertically into a compact stack above the doorway, freeing up ceiling space
- Space-Saving: Ideal for areas with limited headroom or where ceiling space is needed for lighting, cranes, or sprinklers
- Quiet & Smooth Operation: Low-noise motorised system with minimal energy use
- Flexible Installation: Can be installed internally or externally, and even in corners or tight spaces
- Glazing Options: Available with large glass panes for natural light (Full Vision or Full Light panels)



Specifications Summary

Specification	Compact® Doors
Max. Width	Up to 7,000 mm
Max. Height	Up to 7,960 mm
Panel Thickness	40 mm insulated panels
Panel Options	Sandwich (EPS core, aluminium cladding), full vision, or glass panels
Operation	Vertical folding design with no overhead tracks
Installation	Internal or external (ideal for spray booths and wash bays)
Colours	Custom powdercoat or anodised finishes in all RAL equivalents
Windows / Glazing	Transparent, semi-transparent, or mixed glazing combinations
Sealing	Fully sealed on all four sides for temperature and dust control
Motor Options	High-speed motor with optional frequency inverter
Safety Features	Fall safety device, anti-trap protection, slack-cable protection, automatic lock
Compliance	Designed and tested to EN 13241-1 (European Standard) — subject to local site assessment for Australian compliance

Additional Notes:

- Type: Folding sectional door (not a traditional overhead or roller door)
- Material: Insulated sandwich panels with CFC-free polystyrene foam core and aluminium stucco-finished cladding
- Profiles: Aluminium U-profiles on top and bottom for added strength and stability
- Custom-Made: Every door is tailored to the specific dimensions and requirements of the installation site



Phoenix Industrial Sliding and Folding Doors

Heavy-duty solutions for wide-span access

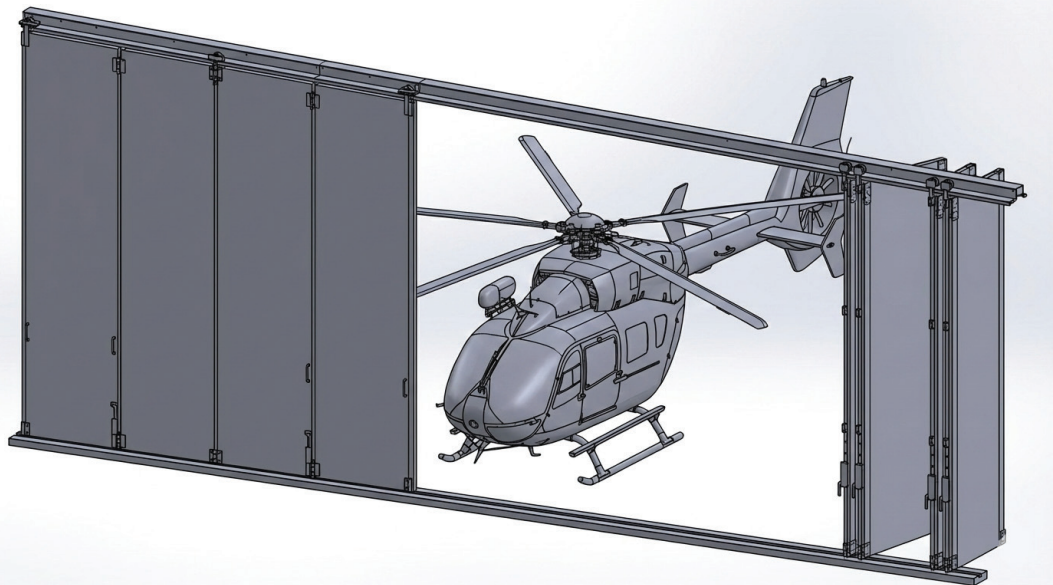
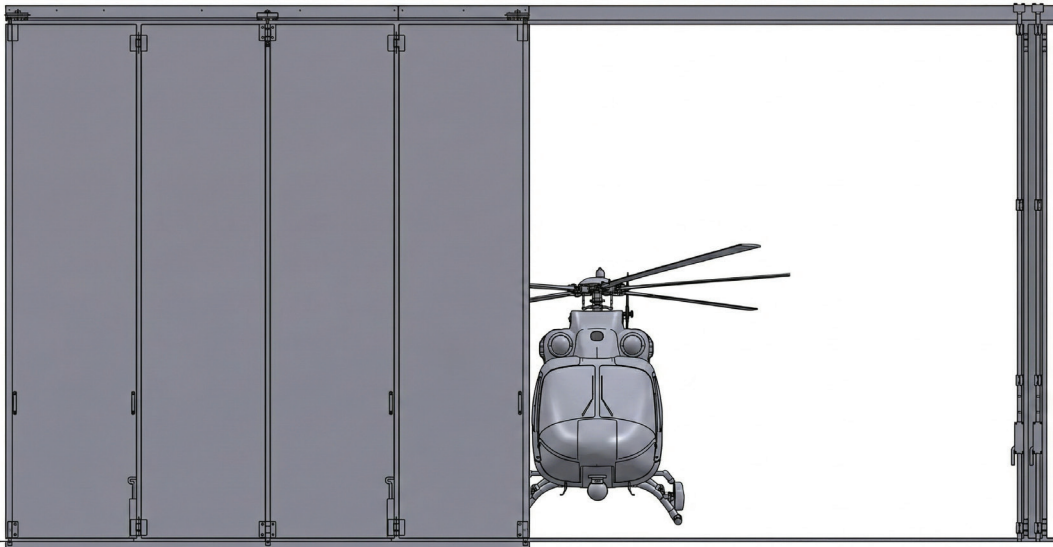
The Phoenix range of sliding and folding doors delivers robust, space-efficient access solutions for industrial, commercial and infrastructure applications. Designed for demanding environments, these systems combine reliable operation, high security and flexible configurations to accommodate large openings while maximising usable space.

Ideal for:

- Warehouses and distribution centres
- Aircraft hangars and transport facilities
- Manufacturing facilities and workshops
- Large commercial and industrial facilities
- Infrastructure and utility facilities.

Key Features:

- Single, bi-parting or multi-leaf sliding configurations
- Designed for large-span and high-clearance openings
- High-security locking systems
- Precision track and roller system for smooth operation
- Engineered to suit site-specific wind loading requirements
- Flexible cladding and glazing options
- Low-maintenance design for long service life.



Specifications Summary

Product Variant	Type / Configuration	Max Opening (approx.)	Notes / Operation
Swift Bi-Fold Door	Side-hung bi-folding, manual/electric	Up to 24 m ²	Compact, versatile for industrial use
Swift-SEW Bi-Fold Door	Extended height bi-folding	Larger/taller openings	Ideal for projects requiring extra span
Osprey Sliding Folding Door	Top-hung multi-leaf sliding/folding	Wide span openings	Flexible leaf numbers, smooth running
Kingfisher Straight Sliding	Straight sliding (top-hung or bottom-rolling)	Essentially unlimited width, up to ~7 m height	Heavy-duty solution for very large spans

Additional Notes:

- Custom designs available to suit project requirements.
- Can integrate with building automation systems.
- Multiple finish and cladding options for architectural consistency.



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About BX MAX Door Solutions

BX Max delivers high-performance door systems engineered for speed, reliability and efficiency.

Specialising in rapid-acting doors, thermally-efficient sectional doors and advanced access solutions, BX MAX supports industries that demand fast cycle times and controlled environments — from manufacturing and logistics to cold storage, retail and healthcare.

Every BX MAX system is built for intensive use, energy efficiency and compliance with strict safety standards across Australia.

Applications:

- Warehouses and distribution centres
- Cold storage and food processing facilities
- Retail outlets and supermarkets
- Healthcare and pharmaceutical environments
- Industrial manufacturing sites

Core Product Range:

- RapidMAX® High-Speed Doors: Fast, durable doors designed to optimise workflow and minimise energy loss
- PanelMAX® Insulated Sectional Overhead Doors: Versatile solutions for industrial and commercial buildings
- ThermoShutter Horizontal Flow Air Blades: Engineered for airflow control and energy savings
- ShutterMAX® Plus: Heavy-duty roller shutters designed for demanding industrial sites
- Loading Dock Solutions





Compact® Doors

Innovative folding design that maximises space, style, and flexibility.

The Compact® Door by Rolflex is a unique overhead folding door designed for applications where traditional sectional or roller doors cannot fit. Its space-saving folding mechanism requires no overhead tracks, allowing optimal use of ceiling and wall space — ideal for areas with cranes, ducts, lighting, or limited clearance.

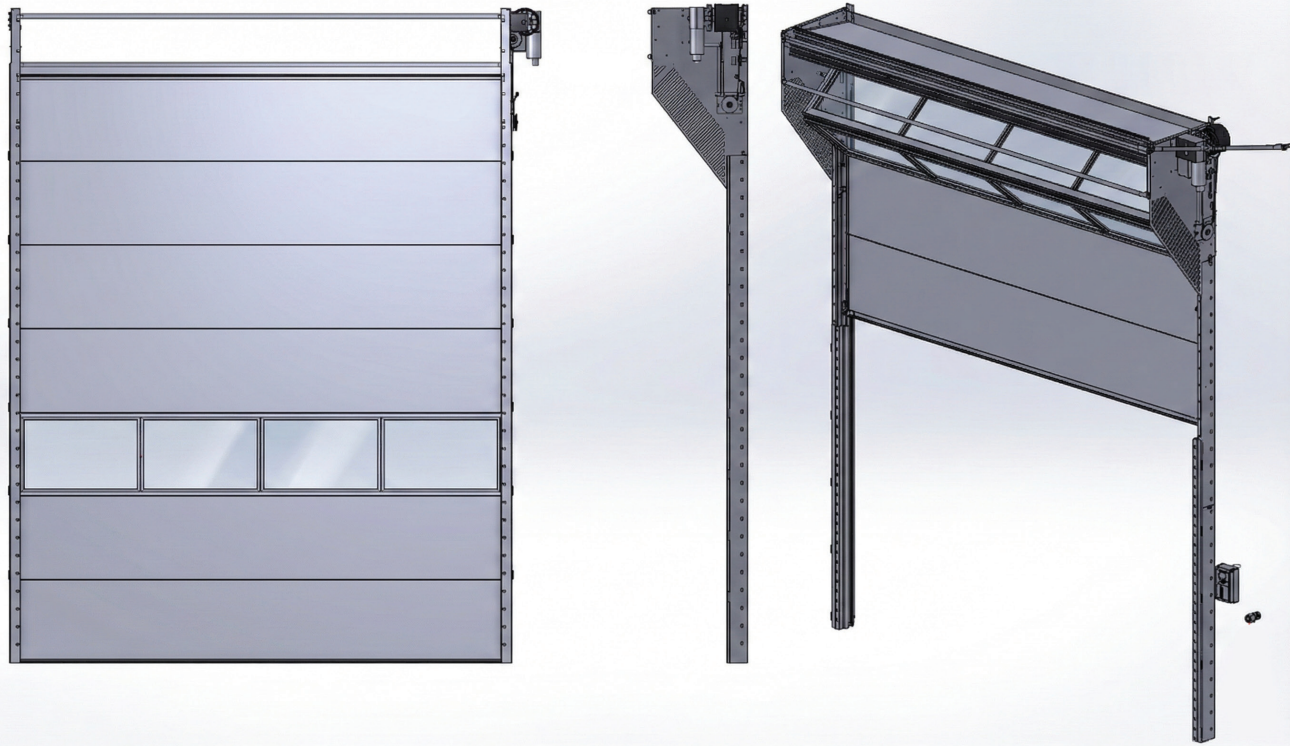
Manufactured in the Netherlands and distributed in Australia by BX Bunka, the Compact® Door combines modern aesthetics with proven European engineering. It's a practical and stylish solution for workshops, showrooms, car washes, spray booths, and industrial facilities.

Ideal for:

- Automotive workshops
- Showrooms
- Spray booths
- Warehouses
- Food industry
- Emergency services

Key Features:

- No Overhead Rails: Panels fold vertically into a compact stack above the doorway, freeing up ceiling space
- Space-Saving: Ideal for areas with limited headroom or where ceiling space is needed for lighting, cranes, or sprinklers
- Quiet & Smooth Operation: Low-noise motorised system with minimal energy use
- Flexible Installation: Can be installed internally or externally, and even in corners or tight spaces
- Glazing Options: Available with large glass panes for natural light (Full Vision or Full Light panels)



Specifications Summary

Specification	Compact® Doors
Max. Width	Up to 7,000 mm
Max. Height	Up to 7,960 mm
Panel Thickness	40 mm insulated panels
Panel Options	Sandwich (EPS core, aluminium cladding), full vision, or glass panels
Operation	Vertical folding design with no overhead tracks
Installation	Internal or external (ideal for spray booths and wash bays)
Colours	Custom powdercoat or anodised finishes in all RAL equivalents
Windows / Glazing	Transparent, semi-transparent, or mixed glazing combinations
Sealing	Fully sealed on all four sides for temperature and dust control
Motor Options	High-speed motor with optional frequency inverter
Safety Features	Fall safety device, anti-trap protection, slack-cable protection, automatic lock
Compliance	Designed and tested to EN 13241-1 (European Standard) — subject to local site assessment for Australian compliance

Additional Notes:

- Type: Folding sectional door (not a traditional overhead or roller door)
- Material: Insulated sandwich panels with CFC-free polystyrene foam core and aluminium stucco-finished cladding
- Profiles: Aluminium U-profiles on top and bottom for added strength and stability
- Custom-Made: Every door is tailored to the specific dimensions and requirements of the installation site



RapidMAX® range: Plus and SS

High-performance doors for industrial, commercial and hygiene-critical environments

The Australian-designed and manufactured RapidMAX® range delivers strong performance, durability and efficiency across demanding applications. Engineered with TOUGHFLEX® door curtain technology, a compact guide design and German-engineered GfA Safedrive® motors, RapidMAX® doors offer quiet operation, fast opening speeds and effective environmental sealing to help reduce energy loss.

Two models are available to suit different requirements:

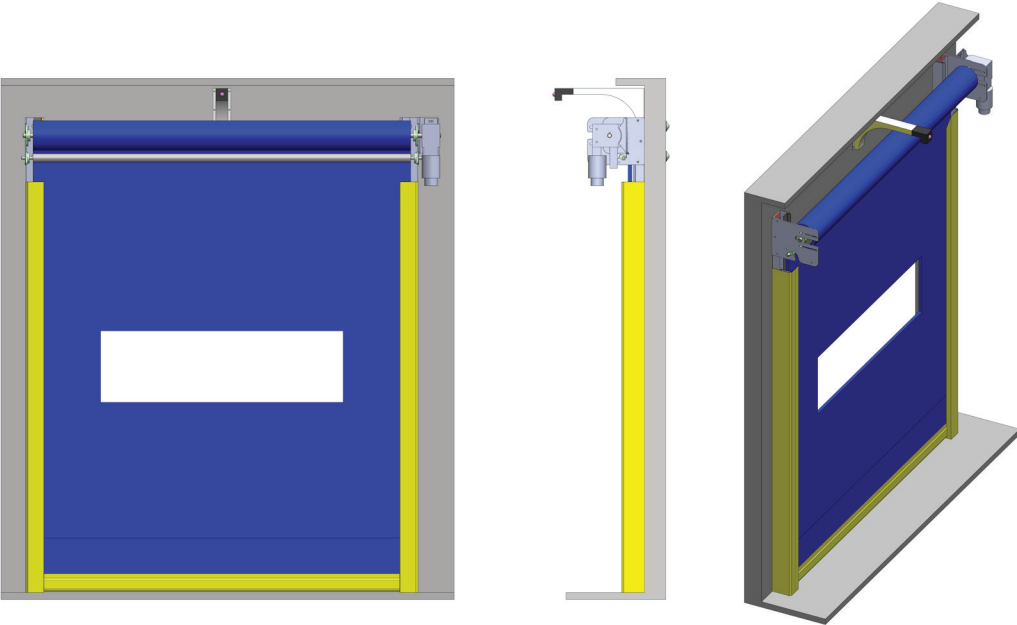
- RapidMAX® Plus, designed for general industrial and commercial applications
- RapidMAX® SS, constructed in stainless steel for hygiene-sensitive and corrosive environments

Ideal for:

- Warehouses and logistics hubs
- Manufacturing and industrial facilities
- Commercial and retail premises
- Food processing and hygiene-critical areas (SS)
- Pharmaceutical and corrosive environments (SS)

Key Features:

- High-speed operation up to 2.5 m/sec (size dependent)
- TOUGHFLEX® curtain with or without vision panels (horizontal or vertical options).
- Durable steel or stainless steel construction
- Knockout crash system with manual reset
- GfA Safedrive® motor with integrated safety brake
- Optional light curtain safety system
- Wind tab system for enhanced wind resistance
- Manual override and emergency stop as standard
- Compact guide design



Specifications Summary

Feature	RapidMAX® Plus	RapidMAX® SS
Application	Internal / external industrial and commercial	Internal – food-safe, hygiene-critical and corrosive environments
Max Width	4,000 mm	4,000 mm
Max Height	5,500 mm	5,500 mm
Opening Speed	Up to 2.5 m/sec	Up to 2.5 m/sec
Curtain	TOUGHFLEX® 2350 gsm with full-width vision panel (std) or no vision (opt)	TOUGHFLEX® 2350 gsm with full-width vision panel (std) or no vision (opt)
Door Frame / Fascia	Powdercoated steel	Stainless steel 304 standard (316 optional)
Top Roll Cover	Fascia standard/ hood optional	Fascia standard/ hood optional
Top Roll Tube	Galvanised steel	Galvanised steel (316 stainless optional)
Drive System	GfA Safedrive® IP54, 240 V single phase	GfA Safedrive® IP65, 240 V single phase
Control System	GfA TS971 IP54 (std), TS971-XL IP65 (opt)	GfA TS971 IP54 (std), TS971-XL IP65 (opt)
Safety	Bottom beam edge, optical sensor, PE beam, integrated safety brake, emergency stop, manual chain override	Same as Plus, with optional 1800mm light curtain and optional manual crank
Crash System	Knockout with manual reset	Knockout with manual reset
Wind Load Rating	Gusts >30km/hr (Std) >72km/hr (Opt)	Gusts: 300 Pa (Class 1, EN 12424)
Applications	Warehouses, logistics hubs, manufacturing, commercial sites	Food processing, pharmaceuticals, hygiene-sensitive or corrosive sites

Additional Notes:

- Antistatic properties: The electrical resistance of an internal fabric or intermediate layer is < 3x10^8 phms. Measurement according to ISO 21178.
- Concerning the extraction behaviour: conforms to the requirements of the FDA (U.S. Food and Drug Administration) for the transport of unpackaged foodstuffs.



RapidMAX® SR

High Performance Door for Large Openings and High Wind Loads

The RapidMAX® SR delivers maximum performance, safety and efficiency. Designed for demanding environments, it is ideal for large openings exposed to high wind loads and rooms that require exceptional perimeter sealing.

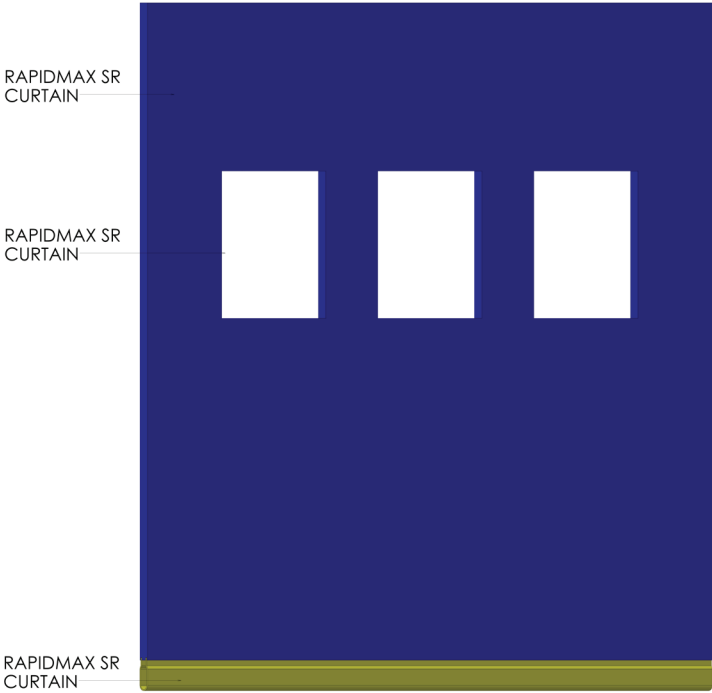
Key safety features include a soft bottom edge and an auto-reset curtain that resumes operation after impact, ensuring continuous reliability.

Ideal for:

- Large openings up to 6 m providing high wind resistance
- Internal and external applications
- Environments needing exceptional perimeter sealing
- Facilities requiring maximum safety and operational efficiency

Key Features:

- Industry Leading air pressure retention
- Opening speed up to 1.2 m/sec
- Self repair curtain with auto reset
- Soft bottom seal for safety
- Optional vision panels for visibility
- Integrated logic controller (IP65) within side frame
- Designed for gusts >120 km/h at 33 m²

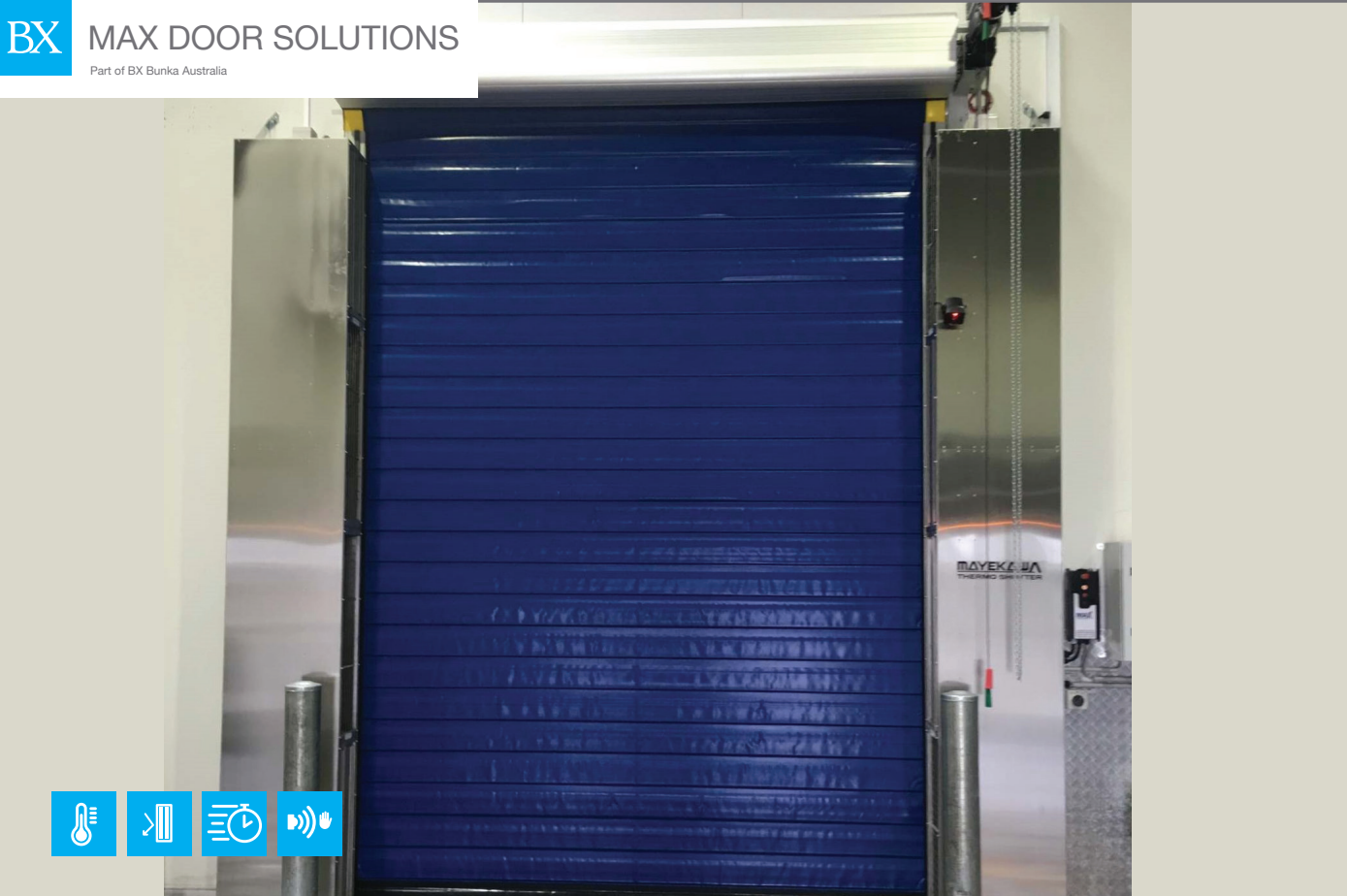


Specifications Summary

Feature	RapidMAX® SR
Application	Internal / External
Max Width	6,000 mm
Max Height	6,000 mm
Opening Speed	Up to 1.2 m/sec
Door Curtain	680 gsm reinforced PVC (std) 680 gsm with Vision Panels (opt)
Door Frame	Steel (powdercoated std) Stainless Steel (opt)
Top Roll Cover	Powdercoated (std)
Drive System	240 V Single Phase VSD
Control System	Logic Controller IP65 integrated into side frame
Crash System	Knockout with Auto Reset
Safety	Door-line PE Beam (std) Second PE Beam (opt)
Emergency Features	Emergency Stop Button (std) Escape Curtain Break-away Tab (opt)
Wind Load Rating	Gusts >120 km/h (at 33 m²)
Air Leakage (m³/h*m²)	Positive: 10.3 Negative: 7.9

Additional Notes:

- Designed and engineered in Japan
- Auto Curtain Reset Technology
- Optional stainless steel frame for hygiene-sensitive environments
- Emergency escape curtain with break-away tab available



RapidMAX® iso-Chill and iso-Freeze

High-performance insulated doors for freezer and chiller applications

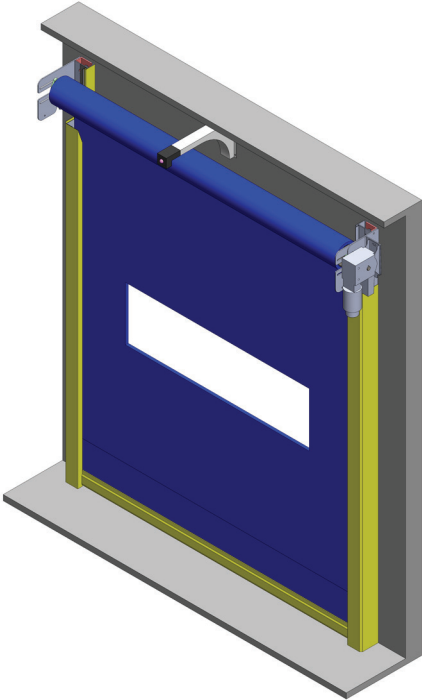
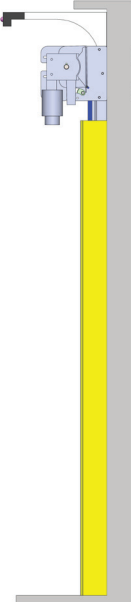
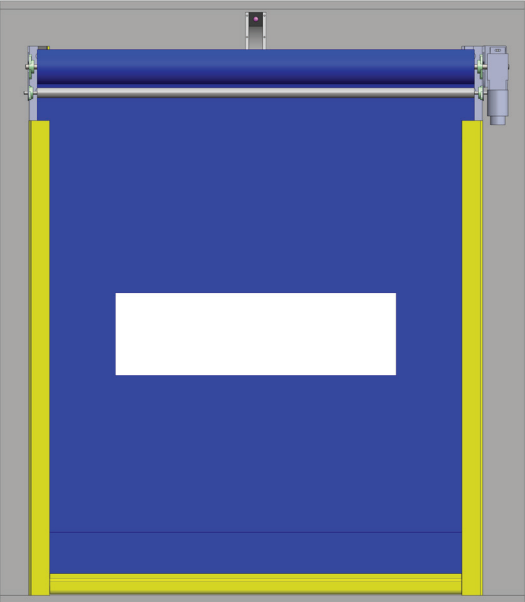
The Australian-designed and manufactured RapidMAX® iso-Freeze and iso-Chill doors are purpose-built for temperature-controlled environments. Combining insulated ISO-FLEX® curtains, excellent perimeter sealing and German-engineered GfA Safedrive® motors, these doors reduce energy loss, improve environmental control and deliver reliable, high-speed operation.

Ideal for:

- Freezer storage and distribution facilities (iso-Freeze)
- Chiller rooms and controlled temperature spaces (iso-Chill)
- Food and beverage facilities
- Cold chain logistics

Key Features:

- ISO-FLEX® insulated curtain for thermal performance
- Fast opening speeds up to 2.5 m/sec
- Compact guide design with perimeter sealing
- Knockout crash system with manual reset
- Integrated light curtain safety system
- GfA Safedrive® motors and controls
- Manual chain override and emergency stop as standard
- Built to withstand high-use industrial environments



Scan to view



MAX SPECS

Specifications Summary

Feature	iso-Chill	iso-Freeze
Application	Chiller environments	Freezer environments
Max Width	3,500 mm	3,500 mm
Max Height	5,500 mm	5500 mm
Opening Speed	Up to 2.5 m/sec	Up to 2.5 m/sec
Curtain	ISO-FLEX® 15 insulated 15 mm (std), 30 mm (opt) Vision panel (opt) or no vision (std)	ISO-FLEX® 30 insulated 30 mm (std).
Thermal Insulation	U = 1.12 / R = 0.89	U = 0.65 / R = 1.54
Door Frame	Powdercoated steel Full frame heating system (opt)	Powdercoated steel Full frame heating system (std)
Drive System	GfA Safedrive® IP65, 240 V single phase	GfA Safedrive® IP65, 240 V single phase
Control System	GfA TS971-XL IP65	GfA TS971-XL IP65
Safety	Light curtain (1,800 mm), integrated brake, emergency stop, manual chain override	Light curtain (1,800 mm), integrated brake, emergency stop, manual chain override
Wind Load Rating	Gusts>30 km/h standard; optional Wind tabs system Gusts>72 km/h (Class 1, ≤12 m²)	Gusts>30 km/h standard; optional Wind tabs system Gusts>72 km/h (Class 1, ≤12 m²)
Applications	Chiller rooms, food processing, pharmaceuticals	Freezer storage, cold chain logistics, distribution facilities



RapidLift®

High Performance Fast Action Door

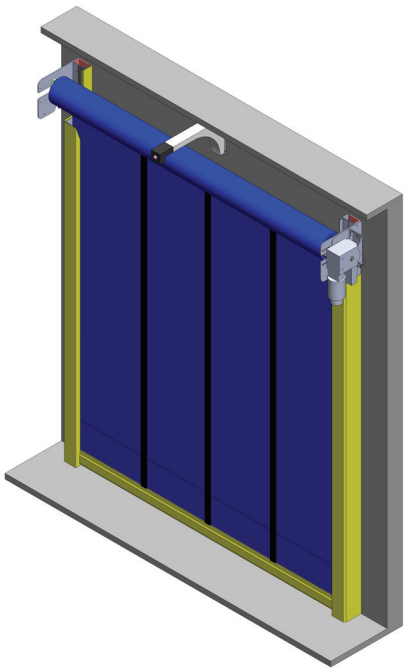
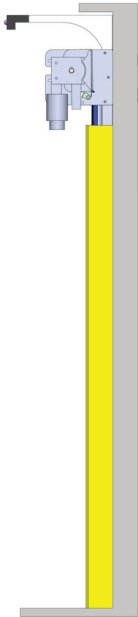
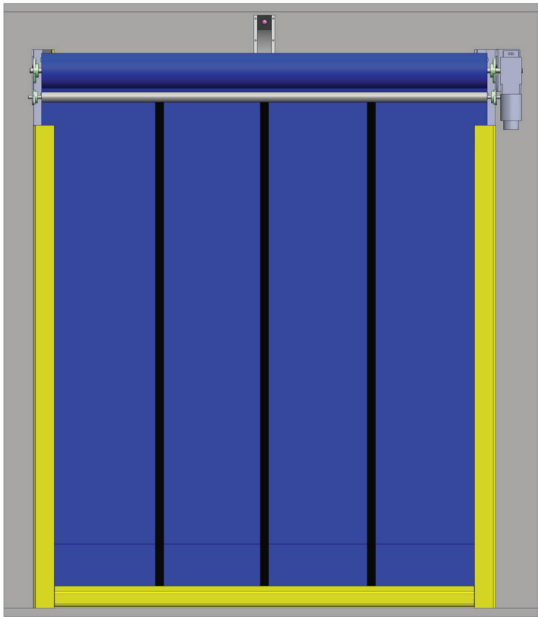
RapidLift® is a tough, high-speed door built for maximum performance, durability, and efficiency. Featuring a solid steel frame construction, whisper-quiet operation, and efficient perimeter sealing, it reduces energy consumption and improves environmental control.

Ideal for:

- Warehouses
- logistics hubs
- Manufacturing
- Commercial sites
- Airport Hanger
- Mining
- Armed Forces

Key Features:

- High Speed: Opening speed up to 2.0 m/sec
- Durable Construction: Solid steel frame with galvanised finish (powdercoating optional)
- Energy Efficient: Sealed design reduces energy loss
- Safety Assured: Integrated safety brake, dual PE beams, emergency stop
- Wind Resistant: Rated for gusts >120 km/h
- Low Maintenance: Wear tabs and integrated sealing system



Specifications Summary

Feature	RapidLift®
Application	External
Max Width	7,500 mm (other sizes upon request)
Max Height	7,150 mm (other sizes upon request)
Opening Speed	Up to 1.5 m/sec
Top Roll	Galvanised Steel
Curtain	• 900 gsm Vinyl • Vision Panel -Optional
Door Frame	• Galvanised • Powdercoated- Opt
Wind lock System	Full width wind bars
Wind Load Rating	Gusts>120 km/h (Class 3 EU)
Drive System	GfA Safedrive® IP65-415V Three Phase
Control System	• GfA TS971 Logic Control IP65 -Standard • GfA TS971-XL Logic Control IP65 -Optional
Safety	• Dual Door-line PE Beam - Std • Light curtain (1800 mm active height) - Opt • Safedrive intergrated safety brake -Standard • Emergency Stop button -Standard • Manual Chain over-ride - Std • Manual Crank Handle Over -ride - Opt
Applications	Warehouses, logistics hubs, manufacturing, commercial sites, Airport Hanger, Mining, Armed Forces

Additional Notes:

- Curtain wear tabs available
- Galvanised guide with integrated seal
- Multiple window options
- Powered by German drive technology



ShutterMAX® range: 95R, 100D and ISO-SL

High-performance insulated shutters for security, thermal and acoustic control

The German-designed and Australian-made ShutterMAX® range delivers strong security, insulation and operational efficiency. Featuring advanced slat profiles, GfA Safedrive® drive technology and integrated safety features, ShutterMAX® shutters are suited to industrial and commercial environments requiring thermal control, acoustic performance or reliable high-speed operation.

- **ShutterMAX® 95R** – a reliable solution for dock doors and warehouses, combining insulation, sound reduction, security and equipment integration.
- **ShutterMAX® 100D** – a heavy-duty solution focused on acoustic performance, combining sound reduction, security and equipment integration.
- **ShutterMAX® ISO-SL** – a secure, high-speed solution for external applications, with insulated slats for temperature control and quieter operation.

Ideal for:

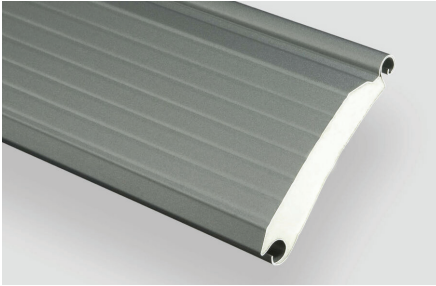
- Warehouses and industrial facilities
- Commercial premises and retail centres
- Temperature-controlled storage and cold chain environments
- Noise-sensitive environments
- External openings requiring high security
- High-traffic areas requiring reliable, frequent operation

Key Features:

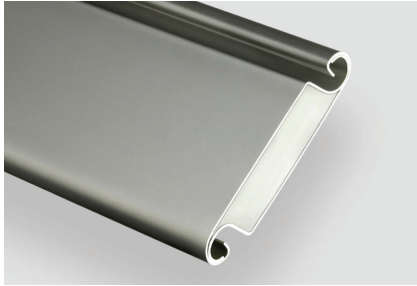
- Insulated slat profiles for thermal and acoustic performance
- European design with German-engineered drive systems
- GfA Safedrive® with integrated safety brake and manual override
- Whisper-quiet operation with smart soft start/stop (ISO-SL model)
- Options for wet painted finishes and integrated safety systems.
- Designed for durability in demanding industrial environments

Space	Speed	Safety	Security
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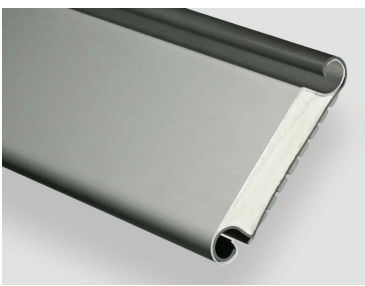
ShutterMAX® 95R



ShutterMAX® 100D



ShutterMAX® ISO SL



Specifications Summary

Feature	ShutterMAX® 95R	ShutterMAX® 100D	ShutterMAX® ISO SL
Application	External /Internal	External /Internal	External
Max Width	6,000 mm	11,800 mm	6,000 mm
Max Height	6,000 mm	10,000 mm (other sizes upon request)	6,500 mm
Opening Speed	0.15 m/sec	0.15 m/sec	Up to 1.70 m/sec
Closing Speed	0.15 m/sec	0.15 m/sec	0.70 m/sec
Curtain / Slats	• Galvanised steel profile filled with PU foam - Std • Hardened PVC profile end guides • Colours available upon request - Opt • Window/Ventilation Profiles - Opt • Door Head Lintel and Bottom Profile seal - Std	• Galvanised steel profile filled with Rockwool - Std • Aluminium profile filled with Rockwool -Opt • Hardened PVC profile end guides • Colours available upon request - Opt • Window/Ventilation Profiles - Opt • Door Head Lintel and Bottom Profile seal - Std	• Anodised Aluminium external profile bonded to hardened PVC longitudinal profile filled with polyurethane foam. • Surfmist (RAL9002) standard • Colours available upon request - Opt • Window/Ventilation Profiles - Opt
Top Roll Tube	Galvanised steel /Springless Drum	Galvanised steel /Springless Drum	Galvanised steel /Springless Drum
Frame / Guides	• Galvanised steel- Std • Powdercoated - Opt • PVC wear strip- Std • Lintel Rubber seal - Std • PVC wear strip with intergrated seal - Opt	• Galvanised steel - Std • Powdercoated - Opt • PVC wear strip- Std • Lintel Rubber seal - Std • PVC wear strip with intergrated seal - Opt	• Galvanised steel - Std • Powdercoated - Opt
Drive System	GfA Safedrive® with intergrated safety brake & manual hauling chain	GfA Safedrive® with intergrated safety brake & manual hauling chain	GfA Safedive® with intergrated safety brake & soft start/soft stop
Safety	• Safedrive intergrated brake - Std • Door-line Safety PE Beam - Opt • Door-line Safety Light Curtain (1800 mm active) - Opt • BottomProfile "Soft -touch" reversing edge - Opt • Emergency Stop Button - Std • Manual Chain Over-ride - Std	• Safedrive intergrated brake - Std • Door-line Safety PE Beam - Opt • Manual Chain Over-ride - Std • Door-line Safety Light Curtain (1800 mm active) - Opt • BottomProfile "Soft -touch" reversing edge - Opt • Emergency Stop Button - Std	• Safedrive intergrated brake - Std • Door-line Safety Light Curtain (1800 mm active) - Std • BottomProfile "Soft -touch" reversing edge - Opt • Emergency Stop Button - Std • Manual Chain Over-ride - Std
Thermal Insulation	U= 3.47/R0.29 23 mm Profile	U=4.4/R=0.23	U=0.875/R=1.14
Acoustic Performance	27 dB	36 dB - 41 dB with 2 x Door System	16 dB (calculated value-untested)
Wind Load	Available:Gusts >700 Pa (Class 3 EU EN 12424)Higher wind loads available upon request	Available - Gusts > 1000 Pa (Class 5 EN12424) Higher wind loads available upon request	Available:Gusts >700 Pa (Class 3 EU EN 12424) Higher wind loads available upon request
Applications	Warehouses, logistics hubs, manufacturing, commercial sites and cold chain logistics	Warehouses, logistics hubs, manufacturing, commercial sites, auditorium	Warehouses, logistics hubs, manufacturing, commercial sites, cold chain logistics



PanelMAX® range: 40, ECO40 and 80

Insulated sectional doors – 40 mm, ECO40 & 80 mm panels

The PanelMAX® range provides insulated sectional doors designed for low to medium cycle applications where insulation, security and safety are key considerations. Available in 40 mm and 80 mm panel thicknesses, both models feature full perimeter sealing to support effective temperature control and reduced energy consumption.

Choose PanelMAX® 40 for reliable everyday insulation, or PanelMAX® 80 for enhanced thermal performance in more demanding temperature-controlled environments.

Ideal for:

- Warehouses and distribution centres
- Cold storage and freezer facilities
- Food and beverage processing
- Industrial sites requiring secure, insulated access

Key Features:

- Insulated Panels – 40 mm or 80 mm polyurethane core
- Energy Efficient – Thermal breaks and perimeter seal reduces heat loss
- Safe Operation – cable and spring brake safety devices standard
- Durable Construction – wind load rated to >120 km/h gusts, (Class 3 EU)
- Flexible Operation – manual or motorised options
- Australian Made, European Designed
- Cyclone Rated - Available upon request.

Space

Speed

Safety

Security



Low Lift

The Low Lift is the ideal track system in situations where there is limited free space above the door. The system is available in three versions, for head space of 200, 250 or 320 mm.



Standard Lift

The Standard Lift is a standard track system which moves horizontally outside of the clear width.



High Lift

The High Lift is a particularly space-saving track system. The door initially opens vertically before moving into the building close to the ceiling.



Vertical Lift

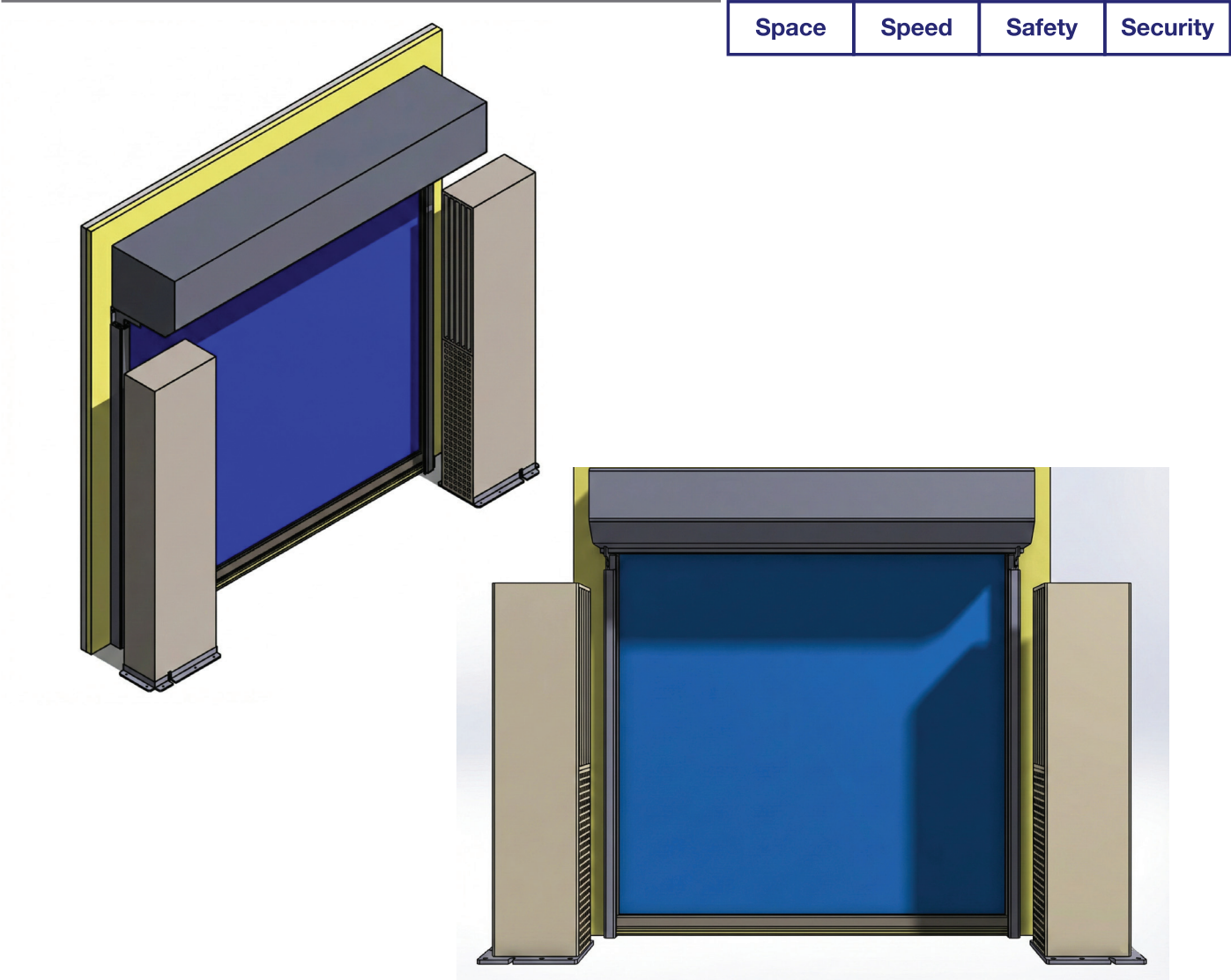
The Vertical Lift is a track system in which the door opens vertically.

Specifications Summary

Feature	PanelMAX® 40	PanelMAX® ECO40	PanelMAX® 80
Application	External /Internal	External /Internal	External /Internal
Max Width	6,000 mm (other sizes upon request)	4,000 mm (other sizes upon request)	6,000 mm (other sizes upon request)
Max Height	6,000 mm (other sizes upon request)	4,000 mm (other sizes upon request)	6,000 mm (other sizes upon request)
Opening Speed	Up to 0.18 m/sec	Up to 0.18 m/sec	Up to 0.18 m/sec
Closing Speed	Up to 0.18 m/sec	Up to 0.18 m/sec	Up to 0.18 m/sec
Panel	Insulated 40 mm Polyurethane panel	Insulated 40 mm Polyurethane ISO-panel	Insulated 80 mm Polyurethane panel
Drive System	Manual /Motorised (AC or DC option)	Motorised (Base 50 DC motor)	Manual /Motorised (AC only)
Safety	• Springbrake safety Device • Standard Cable brake safety device • Standard Doorline PE safety Beam /Light Curtain • Optional Auto reversing Optical Safety Edge • Optional Emergency Stop Button-Std	• Springbrake safety Device • Standard Cable brake safety device • Standard Doorline PE safety Beam /Light Curtain • Optional Auto reversing Optical Safety Edge • Optional Emergency Stop Button-Std	• Springbrake safety Device • Standard Cable brake safety device • Standard Doorline PE safety Beam / Light Curtain • Optional Auto reversing Optical Safety Edge • Optional Emergency Stop Button-Std
Thermal Insulation	U=0.51 /R =1.96	U=0.51 /R =1.96	U=0.26 /R =3.85
Acoustic Performance	25 dB 40 mm panel	28 dB 40 mm panel	25 dB 80 mm panel
Wind Load	Gusts >120km/h, 700 Pa (Class 3 EU EN12424)	Gusts >100km/h, 450 Pa (Class 2 EU EN12424)	Gusts >120km/h, 700 Pa (Class 3 EU EN12424)
Finish	RAL 9002 (Surfmist)	RAL 9010 (Pure White)	RAL 9002 (Surfmist)
Applications	Warehouses, logistics hubs, manufacturing, commercial sites, cold chain logistics.	Warehouses, logistics hubs, manufacturing, commercial sites, cold chain logistics.	Warehouses, logistics hubs, manufacturing, commercial sites, cold chain logistics.

Additional Notes:

- Double-glazed windows available (40 mm panel)
- Triple-glazed windows available (80 mm panel)
- Multiple track configurations offered
- Custom paint finishes available



Thermoshutter

Horizontal Air Curtain for Cold Rooms and Freezers

The Thermoshutter is a horizontal air curtain designed for cold rooms, industrial freezers and coolers. Unlike conventional single-direction air curtains, it delivers airflow from both sides, creating equalised pressure across the doorway.

This balanced airflow forms a stronger barrier that helps reduce cold air leakage, improve energy efficiency, maintain hygienic storage conditions and prevent icy floors for safer operations.

Ideal for:

- Cold rooms
- Industrial freezers
- Coolers and refrigerated warehouses
- Facilities requiring strict hygiene and temperature control

Key Features:

- Airflow performance – high-velocity airflow designed to create an effective thermal barrier
- Energy saving – reduces cold air loss and lowers energy consumption
- Variable Speed Drive (VSD) system – adjusts airflow to suit site conditions, improving efficiency and performance
- Less defrosting – minimises ice build-up and reduces defrost cycles
- Product protection – maintains consistent temperatures to protect stored goods
- Improved safety – helps prevent condensation and icy floors in high-traffic areas
- Durable construction – stainless steel body (excluding fans) for harsh environments
- Flexible sizing – suitable for openings from 2,000 mm to 5,000 mm

Specifications Summary

Parameter	Thermoshutter
Application	Cold rooms, freezers, coolers
Door opening height	2,000–5,000 mm (custom in 100 mm steps) (Other heights available upon request)
Door opening width (Max)	3,000 mm
Panel/Body	Stainless steel (except fans)
Fans	6–12, 75 W each
Power Supply	240 V, single phase
Operating Range	-10 °C to +45 °C, up to 90% humidity
Accessories	Control panel (std) Door interlocking (std) Optional cover for outward-opening chillers

Additional Notes:

- Design and specifications subject to change without notice.
- Available in stainless steel for durability.
- Airflow direction adjustable via louvers.
- Variable Speed Drive (VSD) as standard

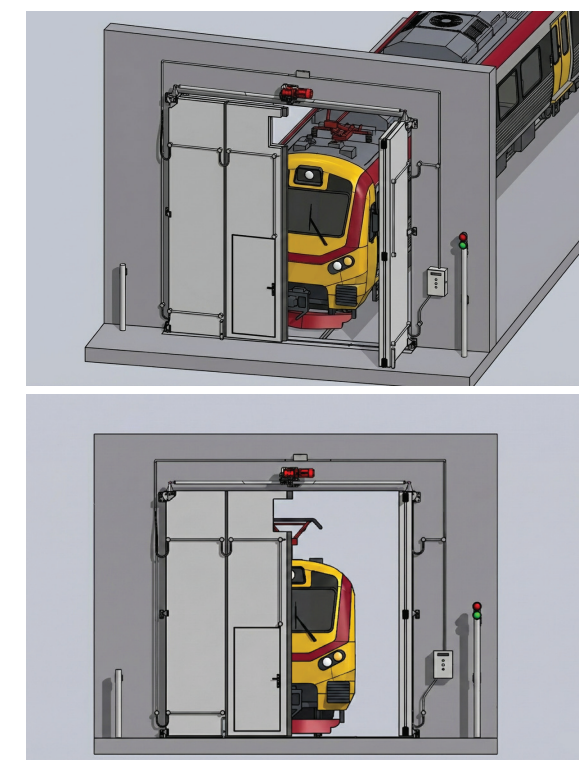
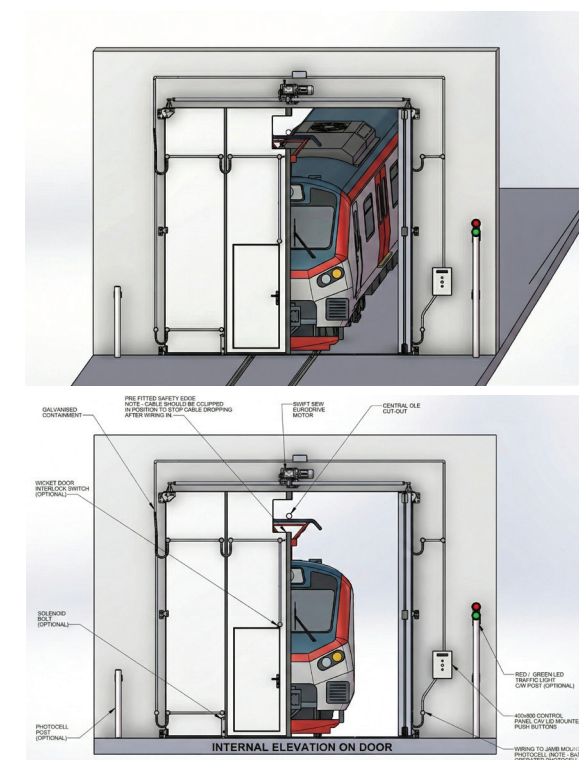


Durable bi-folding doors engineered for industrial and transport facilities.

Its heavy-duty construction supports hygienic storage conditions, reduces environmental exposure and helps improve operational safety.

- Warehouses and distribution centres
- Rail depots and transport hubs (with OLE cut-out options)
- Heavy industrial facilities
- Defence and government buildings
- Plant and utility facilities.

- Heavy-duty design: side-hung bi-folding configuration
- Rapid opening: approximately 8 seconds
- Insulated panels: 62 mm thick panels (U-value 1.1 W/m²°C)
- Acoustic performance: 29 dB (panel), 25 dB (overall)
- Effective sealing: perimeter seals for weather, dust and sand protection
- Long service life: 20+ year design life with low maintenance
- Standards compliant: BS EN 13241-1:2003



Feature	Swift Folding Door
Max width:	5,000 mm
Max height:	7,000 mm (subject to 32.5 m² opening)
Panel thickness:	62 mm
Weight:	30 kg/m²
U-value:	1.1 W/m²·°C
Acoustic performance:	Panel 29 dB, overall door 25 dB
Opening speed:	8 seconds
Power supply:	415 V, 3P+N, 16 A
Sideroom required:	290–310 mm
Headroom required:	450 mm
Life expectancy:	20+ years
Wind load resistance:	Up to 1.1 kN/m² (door size dependent)
Performance standards:	BS EN 13241-1:2003

- Choice of standard or powdercoat finishes
- Vision panels available in multiple sizes
- Wicket door options including emergency escape
- Locking options: lever-operated or automatic solenoid floor bolts
- Control and safety options: photocells, safety edges, traffic lights, access controls
- Rail-specific options: OLE cut-outs and earth bonding
- Locking: Lever-operated or automatic solenoid floor bolts (electrically interlocked).
- Control & safety: Semi-automatic or fully-automatic controls. Options for safety edges, photocells, traffic lights, key switches and digi-key access.
- Rail-specific: Factory-prepared OLE cut-outs, earth bonding cables and safety matting available for rail projects.



Dock Levellers

Bespoke loading bay solutions for every industry

BX MAX offers bespoke dock leveller systems tailored to each customer’s operational requirements. From large distribution centres to small warehouses, these solutions support a wide range of sectors including logistics, material handling, food manufacturing, cold storage, transport, construction, industrial and government facilities.

The DLH and DLE Series dock levellers are hydraulic systems available with either a hinged lip (DLH) or extendable telescopic lip (DLE). Both series are offered in a range of dimensions, load capacities and installation configurations, helping reduce mounting costs while supporting safe, efficient loading operations. Each model is designed for ease of use, long-term reliability and enhanced safety.

Ideal for:

- Warehousing and logistics
- Distribution centres
- Retail facilities
- Food and beverage operations
- Pharmaceutical storage
- Cold storage and refrigerated facilities
- Transport and freight hubs
- Construction and industrial applications

Key Features:

- Hydraulic operation with smooth, reliable performance
- Load capacities up to 150 kN for heavy-duty applications
- Choice of hinged swing lip or telescopic lip designs
- Wide range of lengths, widths and construction heights
- Designed for integration with complete loading bay systems
- Built-in safety features including emergency stop and maintenance lock
- Protection class IP54 for durability in demanding environments

Space

Speed

Safety

Security



DLH MODEL (SWING LIP)



DLE MODEL (TELESCOPIC LIP)



DLC MODEL (TELESCOPIC LIP)

Specifications Summary

TYPE	O/A LENGTH (mm)	PLATFORM LENGTH (mm)	PLATFORM WIDTH (mm)	CONSTRUCTION HEIGHT (mm)	WORKING RANGE (mm)		WEIGHT (kg)	LOAD LIP LENGTH (mm)
					Above	Below		
SWING LIP								
DLH-NG Min.	2080	2000	1830	500	160	270	545	400
DLH-NG Max.	4080	4000	2250	600	350	305	1320	500
DLH-NG-M100 Min.	2080	2000	2000	500	165	275	540	400
DLH-NG-M100 Max.	4080	4000	2250	600	345	315	1790	500
DLH-NG-J Min.	4590	4500	2000	900	347	600	1675	400
DLH-NG-J Max.	5090	5000	2250	900	355	600	1910	500
DLH-NG-JNG Min.	3580	3500	2000	750	240	400	1100	400
DLH-NG-JNG Max.	5080	5000	2250	900	640	620	2000	500
TELESCOPIC LIP								
DLE-NG Min.	2080	2000	2000	700	270	340	740	500
DLE-NG Max.	3080	3000	2250	700	455	465	1275	1000
DLE-NG-M Min.	3580	3000	2000	700	310	340	950	500
DLE-NG-M Max.	4080	4000	2250	700	465	450	1900	1000
DLE-NG-J Min.	3580	2000	2000	1000	400	450	1280	500
DLE-NG-J Max.	5090	2250	2250	1000	720	700	2310	1000
DLC-NG Min.	3580	3000	2000	800	480	600	1370	500
DLC-NG Max.	6080	6000	2250	1000	600	800	2525	1000

Additional Notes:

- Operation: Electro-hydraulic system
- Power Supply: 415 V, 3-phase, 2.5 A
- Power Pack: 0.75 kW – 1.1 kW
- Control Circuit: 24 V DC
- Platform Construction: 6/8 mm – 8/10 mm
- Load Lip Construction: 12/14 mm – 20/22 mm
- Finish: Painted or Powdercoated
- Colour: Standard black; RAL colours optional
- Galvanising: Available on request
- Other sizes available upon request



Dock Seals & Shelters range

Loading docks are constantly exposed to the elements. Dock seals and shelters protect the building interior by sealing the gap between the vehicle and the loading bay, helping maintain internal temperatures while reducing energy loss and contamination during loading and unloading operations.

Available in a range of designs and configurations, dock seals and shelters can be tailored to suit different vehicle sizes, traffic frequency and warehouse layouts, ensuring safe, efficient and reliable dock performance.

Ideal for:

- Warehouses
- Distribution Centres
- Logistics Hubs
- Retail Facilities
- Food Processing
- Pharmaceutical Storage
- Cold Storage

Key Features:

- Effective sealing between vehicle and building
- Helps reduce heat loss and airborne contamination
- Energy-efficient and durable construction
- Supports safe and efficient vehicle docking
- Optional protective scales on side cushions

DSI INFLATABLE DOCK SHELTER



DSI INFLATABLE DOCK SHELTER



DSI INFLATABLE DOCK SHELTER



DSI INFLATABLE DOCK SHELTER



Space Speed Safety Security

DSS Cushion Dock Shelter

The DSS Cushion Dock Shelter is ideal where vehicle dimensions are consistent, such as fleets with standardised truck sizes. It's commonly used in facilities handling swap bodies or roll containers.

During docking, the vehicle compresses the foam-filled side and top cushions against the dock bumpers, creating a secure and effective seal that minimises air and dust infiltration.

DSI-NG Inflatable Dock Shelter

The DSI-NG Inflatable Dock Shelter offers the most energy-efficient and adaptable sealing for operations handling multiple vehicle sizes.

Once the vehicle is docked, air cushions automatically inflate to contour around the truck body, forming a precise seal that prevents temperature fluctuation and external contamination.

DSCM Curtain Dock Shelter

The DSCM Curtain Dock Shelter suits operations with a wide variety of vehicle sizes. Its flexible curtain design adapts easily to different vehicle dimensions while maintaining an effective seal.

When the truck reverses into the dock, the curtains deflect and wrap around the vehicle's body, providing strong protection against weather, dust and temperature loss.

Power Shelter 405

Designed for facilities where vehicles dock at varying heights (such as swap body carriers), this version combines a curtain-style frame with foam-core components.

It provides enhanced sealing for taller vehicles or those positioned higher during loading and unloading. The foam core ensures a tighter fit while maintaining flexibility and durability.



DSI-NG DOCK SHELTER



DSI-NG Dock Shelter with Inflatable Top Cushion and Side Curtains

This version combines inflatable top cushions with flexible side curtains, making it ideal for docks that service vehicles of varying heights.

When a truck docks, the side curtains form a seal around the body while the top cushion inflates to close the upper gap. The result is reliable protection from rain, wind and temperature loss across a broad range of vehicle profiles.



Dock Accessories

At BX Max, we offer a comprehensive range of dock accessories engineered to increase safety, improve workflow, and support seamless dock operations. Whether for new builds or retrofit projects, our modular accessories integrate easily with dock levellers, shelters, and control systems—making them ideal for resellers seeking configurable and value-adding solutions.

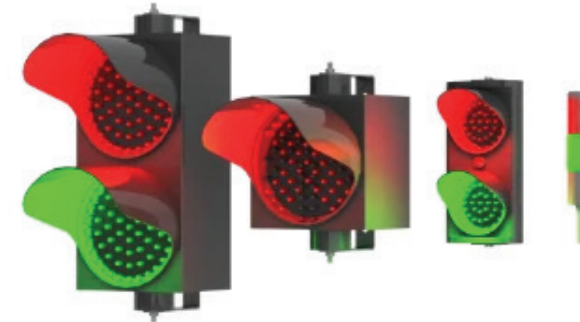
Ideal for:

- Warehouses
- Distribution Centres
- Logistics Hubs
- Retail Facilities
- Food Processing
- Pharmaceutical Storage
- Cold Storage

Key Features:

- Enhances operational safety and visibility
- Reduces vehicle and equipment damage
- Easy integration with existing dock systems
- Energy-efficient and durable LED components
- Available in multiple configurations to suit site requirements
- Low maintenance and long service life

Space	Speed	Safety	Security
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ATL LED Traffic Light

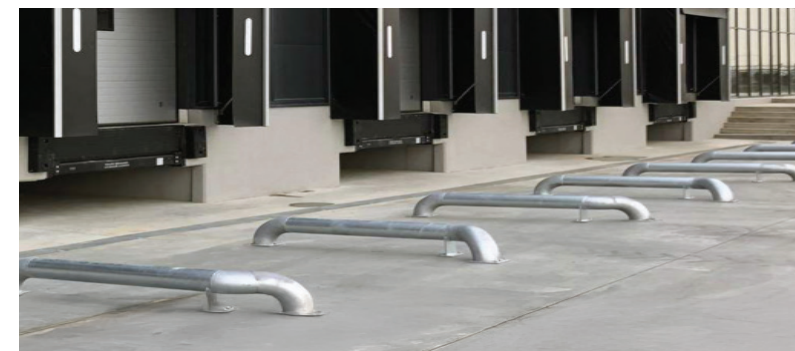
The ATL LED Traffic Light ensures safe and clear signalling around loading and unloading areas. With long-life LEDs, durable housing, and low energy consumption, it provides reliable communication between dock operators and truck drivers to minimise accidents and improve traffic flow.



ADL Dock Lights

Choose between the ADL-LED12 (12 V) or ADL-LED230 (240 V) models—both provide powerful LED illumination across the full length of truck trailers.

With durable cast aluminium housing, energy-efficient LEDs, and a choice of low-voltage or direct 230V connection, these lights ensure safe, bright, and reliable visibility during loading and unloading.



AWG Wheel Guides

AWG Wheel Guides ensure accurate truck positioning at loading bays, preventing costly damage to vehicles, buildings, and dock equipment.

Available in surface-mounted, built-in, or low-profile models, they help drivers align precisely for fast, safe, and efficient docking.



Dock Bumpers

Our bumper range is engineered for long-term resilience, building protection, and cost efficiency.

With models suited to different vehicle types, dock heights, and loading frequencies, these bumpers are ideal for builders, resellers, and industrial equipment integrators seeking reliable protection.



Dock Control Systems

Our control systems are available in both basic and fully integrated configurations.

They manage dock levellers, shelters, industrial doors, and accessories through a single interface—enhancing workflow efficiency and on-site safety.



Vehicle Restraint

Loading Dock Vehicle Restraints are designed to help prevent trailer separation, reduce the risk of workplace accidents and improve loading dock safety. By securely restraining the trailer during loading and unloading, these systems help protect personnel, forklifts and equipment while supporting safer and more efficient operations.

Ideal for:

- Warehouses
- Distribution Centres
- Logistics Hubs
- Cold Storage Facilities
- Food and Pharmaceutical Operations
- Retail and Industrial
- Loading Bays

Key Features:

- Prevents accidental vehicle movement during loading/unloading
- Automatic hydraulic restraint with pressure monitoring
- Hot-dip galvanised, low-maintenance construction
- Integrated wheel guides for precise vehicle positioning
- Weather-resistant, closed-system design
- Visual and audible safety signals for operators and drivers

TPR Rotating Hook Vehicle Restraint



The TPR and TPR UniLock trailer positioned vehicle restraints are designed to secure a trailer's Rear Impact Guard (RIG) to reduce the likelihood of premature trailer separation during the loading/unloading process. The TPR range of vehicle restraint features an electric mechanical restraint mechanism, internal control panel, exterior communication lights and instruction signs.

Push-button activation

- Advanced 3-colour light communication system
- Low profile 228 mm carriage – service range 228 mm to 762 mm off grade
- Restraining force in excess of 14,545 kgs
- Zinc-plated track and housing provides high corrosion resistance
- On-demand, IP67 rated motor, submersion proof up to 1 m
- Exclusively designed gear motor keeps hook continuously engaged if the restraint is forced down

Vrm-Ng Manual Wheel Restraint



The VRM-NG Manual Wheel Restraint is a vehicle restraint system that prevents premature vehicle departure or “drive-off” and “creeping” of a vehicle or trailer in order to avoid unsafe situations. The VRM-NG vehicle restraint system locks most vehicles or trailers onto the loading bay to create an ultimately safe situation.

The operation of the VRM-NG Manual vehicle restraint system is mounted at an ergonomic height so that the system can be operated effortlessly. A clear, easy-to-follow operating instruction is posted on the handle.

Technical Specifications

- Net working range: 1600 mm or 3300 mm
- Blocking height: 320 mm
- Construction height: 400 mm
- Truck blocking length: 3320 mm
- Blocking length including wheel guides: 5350 mm
- Required free space for loading dock: 6850 mm
- Exclusively designed gear motor keeps hook continuously engaged
- Automatically ensures safe capture or auto-stores
- Automatically re-engages if the restraint is forced down

Vra-Ng Automatic Wheel Restraint



The VRA-NG Automatic Wheel Restraint is a vehicle restraint system that prevents premature vehicle departure or “drive-off” and “creeping” of a vehicle or trailer in order to avoid unsafe situations. The VRA-NG vehicle restraint system locks most vehicles or trailers onto the loading bay to create an ultimately safe situation.

The VRA-NG Vehicle Restraint System is operated via an internal control box. The control box is equipped with clear icons and indication lights that indicate to the driver if the vehicle is restrained safely.

Technical Specifications

- Net working range: 1600 mm or 3300 mm
- Blocking height: 320 mm
- Construction height: 350 mm
- Truck blocking length: 3320 mm
- Blocking length including wheel guides: 5350 mm
- Required free space for loading dock: 6850 mm
- Power blocking: 14 kN

Reliable Industrial Shutters

| We

Pledge Progress

Installed before your goal posts decide to go walk-about.

Delivering advanced roller shutters that are easier to install and get you to your milestone faster.

Secure Momentum

► bxsprint.com.au



SPRINT ROLLER SHUTTERS

Part of BX Bunka Australia



Retail | Commercial | Hospitality | Public Spaces

About BX SPRINT Roller Shutters

BX SPRINT delivers durable steel roller shutters designed for everyday performance and value. Specialising in steel shutters for factories, warehouses and large commercial projects, BX SPRINT offers practical, cost-effective solutions that balance security, visibility and ease of use.

Available in solid, perforated or slotted curtain designs, BX SPRINT shutters are built for reliable operation and long-term functionality, suitable for a wide range of industrial and commercial applications.

Applications:

- Factories, warehouses and storage facilities
- Commercial and industrial facilities
- Shopping centres and retail tenancies
- Public buildings
- Car parks

Core Product Range:

- Steel Roller Shutters: Offering a balance of design and strength
- Slotted Options: Provide visibility, airflow and ventilation while maintaining security
- Custom Finishes: Powdercoated options to suit architectural and brand requirements





S75/S100 Steel Shutter

Heavy-duty steel solution for industrial and commercial security

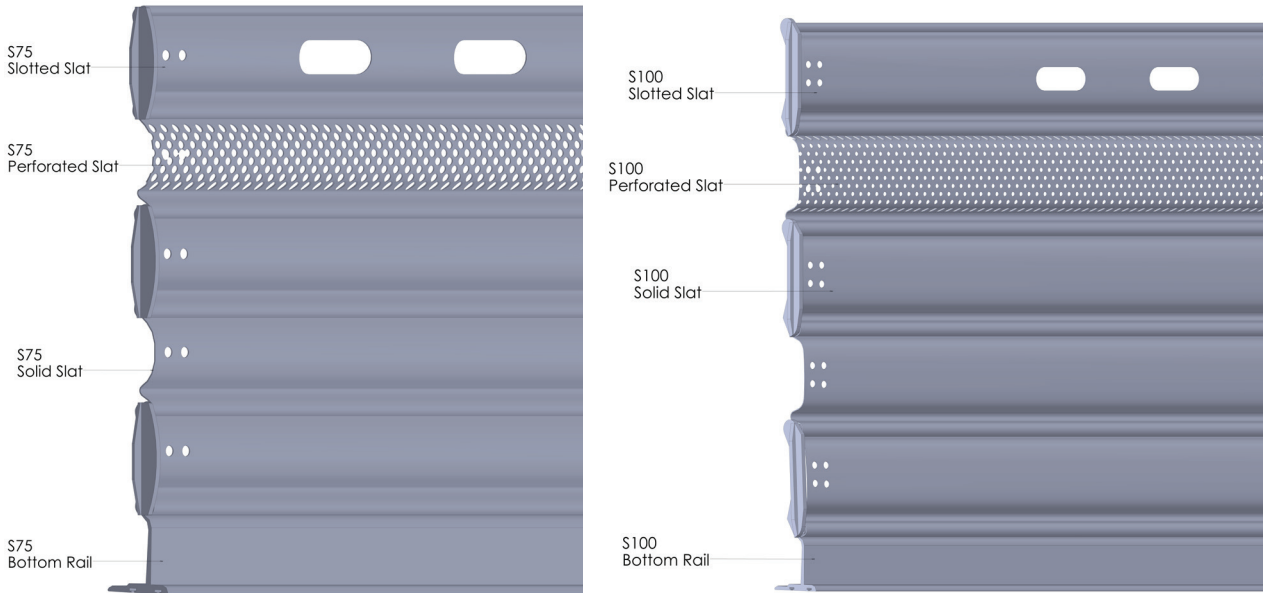
Built for durability and ease of use, the BX Sprint S75 and S100 Steel Shutters are roll-formed shutters designed for demanding environments. Both models deliver reliable security, flexible operation, and consistent performance across a wide range of applications.

Ideal for:

- Commercial and industrial facilities
- Shopping centres and retail tenancies
- Warehouses and storage facilities
- Public buildings
- Car parks.

Key Features:

- Constructed from Bluescope Z275 galvanised steel
- Manual or motorised operation
- Supplied in galvanised or powdercoated finishes with both sides coated as standard
- Secure and robust design for long-term service life
- Compatible with all manual hoists or motors.



Specifications Summary

Feature	S75	S100
Slat Size	75 mm roll-formed slat	100 mm roll-formed slat
Slat Thickness	0.8 mm, 1.0 mm	0.8 mm, 1.0 mm
Max Width	Up to 8,000 mm (8 m)	Up to 11,700 mm (11.7 m)
Finish	Galvanised or powdercoat	Galvanised or powdercoat
Ventilation	Optional multi-hole or slotting for airflow	Optional multi-hole or slotting for airflow
Guides	75 mm, 100 mm, Windlocked Guides	75 mm, 100 mm, Windlocked Guides
Operation	Options for smaller shutters include; Hand operated, Hoist, motorised. - Motorised is only option for larger shutters	Options for smaller shutters include; Hand operated, Hoist, motorised. - Motorised is only option for larger shutters
Bottom Rail	Aluminium or steel box bottom rail, included weather seal	Aluminium or steel box bottom rail, included weather seal
Applications	Retail, commercial, light industrial sites	Warehouses, factories, heavy-duty industrial sites

Additional Notes:

- Curtain: Roll formed from Bluescope Z275 galvanised steel
- Drum: C350 line pipe with cold-drawn 1020 solid bar axles on sealed roller bearings. Includes Australian-made helical springs for sprung doors
- Operation: Options include Grifco manual hoist or motors. Available in 240 V or 3 ph. Hand operation also available for smaller doors (<5 m²)
- Finishes: Supplied in galvanised (silver) or Dulux powdercoat finishes. Coating applied to both sides of slats as standard for superior protection and colour consistency
- Weight: Approx. 11.7 kg/m² (75/0.8 mm) or 15.2 g/m² (75/1.0 mm), not including drum or motor



F75/F100 Fire Rated Shutter

Certified fire-rated protection up to 120 minutes

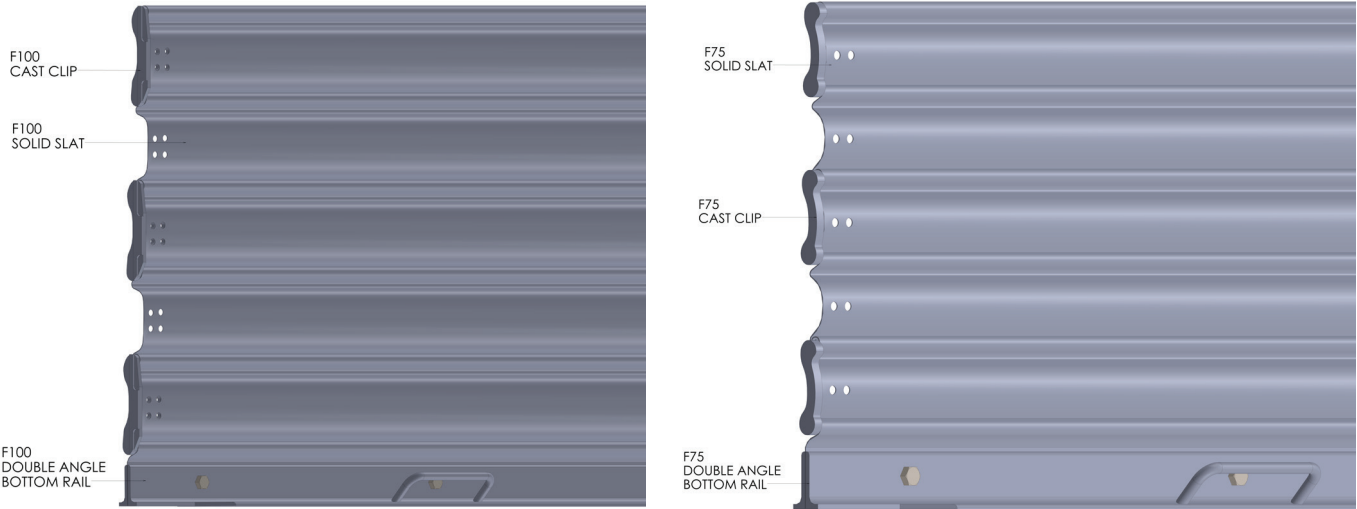
Built for compliance and reliability, the BX Sprint F75 and F100 Fire Rated Steel Shutters are tested and certified to provide up to 120 minutes fire integrity. Manufactured in-house from Australian-made Bluescope galvanised steel, these shutters deliver automatic closing in the event of fire, meeting stringent Australian Standards for safety and performance.

Ideal for:

- Retail tenancies requiring certified fire shutters (F75)
- Commercial facilities with restricted space
- Shopping centres and arcades
- Warehouses and storage facilities
- Public buildings requiring fire safety compliance
- Industrial facilities requiring certified fire safety (F100)

Key Features:

- Fire-rated up to 120 minutes
- Constructed from Bluescope Z275 galvanised steel
- Compact 75 mm (F75) or heavy-duty 100 mm (F100) profiles
- Cast iron clips for durability and slat stability
- Manual or motorised operation with fire system integration
- Supplied in galvanised or powdercoated finishes with both sides coated as standard
- Tested and compliant with Australian Standards.



Specifications Summary

Feature	F75 Fire Rated Shutter	F100 Fire Rated Shutter
Slat Size	Max Width: 9,000 mm	Max Width: 9,000 mm
Slat Thickness	1.0 mm	1.0 mm
Fire Rating	-/120/-	-/120/-
Finish	Galvanised or Dulux powdercoat	Galvanised or Dulux powdercoat
Curtain	Bluescope Z275 galvanised steel	Bluescope Z275 galvanised steel
Bottom Rail	2 × 50 × 5 steel angles	2 × 50 × 5 steel angles
Drum	C350 line pipe, cold-drawn 1020 axles, sealed roller bearings, sprung doors	Same as F75
Operation	Manual/motorised; Grifco hoist with fusible link or fire motor with auto-close	Manual/motorised; Grifco hoist or fire motor with fusible link + magnet release
Weight (approx.)	14.1 kg/m ² (75/1.0 mm), excl. drum/motor	15.2 kg/m ² (100/1.0 mm), excl. drum/motor

Additional Notes:

- Fire Ratings: Expressed as -/–/– (structural adequacy / fire integrity / insulation). BX SPRINT F100 shutters are certified for fire integrity of 120 or 240 minutes. No insulation value is provided; consult a fire engineer for drenching solutions if insulation is required.
- Curtain: Roll formed from Bluescope Z275 galvanised steel, BMT 0.95 = 100/1.0 mm profile.
- Bottom Rail: Two 50 x 50 x 5 steel angles mounted back to back. No rubber seal included.
- Drum: C350 line pipe with cold-drawn 1020 solid bar axles on sealed roller bearings. Includes Australian-made helical springs for sprung doors.
- Operation: Options include Grifco fire shutter manual hoist or fire shutter motors with fusible link and magnet release. Doors automatically close in a fire event at a controlled descent speed. Available in 240V and 3-phase.
- Finishes: Supplied in galvanised (silver) or Dulux powdercoat finishes. Coating applied to both sides of slats as standard for superior protection and colour consistency.
- Weight: Approx. 15.2 kg/m² (100/1.0 mm), not including drum or motor.



Compact® Doors

Innovative folding design that maximises space, style, and flexibility.

The Compact® Door by Rolflex is a unique overhead folding door designed for applications where traditional sectional or roller doors cannot fit. Its space-saving folding mechanism requires no overhead tracks, allowing optimal use of ceiling and wall space — ideal for areas with cranes, ducts, lighting, or limited clearance.

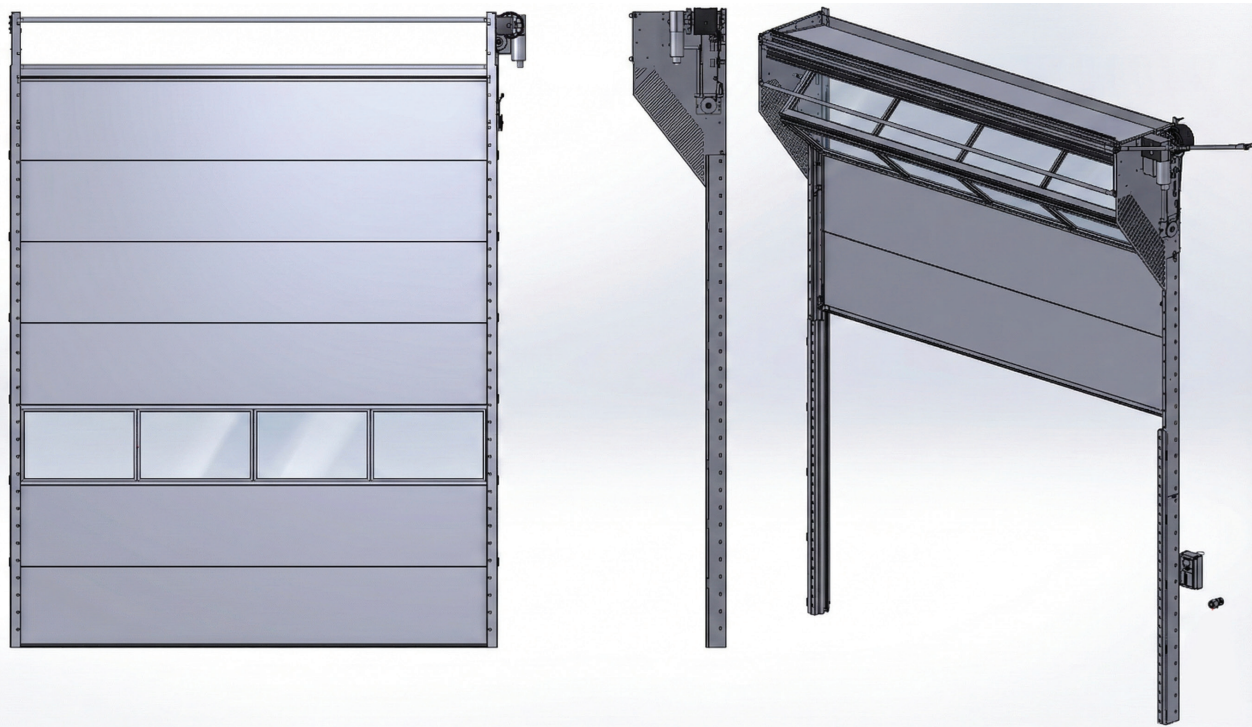
Manufactured in the Netherlands and distributed in Australia by BX Bunka, the Compact® Door combines modern aesthetics with proven European engineering. It's a practical and stylish solution for workshops, showrooms, car washes, spray booths, and industrial facilities.

Ideal for:

- Automotive workshops
- Showrooms
- Spray booths
- Warehouses
- Food industry
- Emergency services

Key Features:

- No Overhead Rails: Panels fold vertically into a compact stack above the doorway, freeing up ceiling space
- Space-Saving: Ideal for areas with limited headroom or where ceiling space is needed for lighting, cranes, or sprinklers
- Quiet & Smooth Operation: Low-noise motorised system with minimal energy use
- Flexible Installation: Can be installed internally or externally, and even in corners or tight spaces
- Glazing Options: Available with large glass panes for natural light (Full Vision or Full Light panels)



Specifications Summary

Specification	Compact® Door
Max. Width	Up to 7,000 mm
Max. Height	Up to 7,960 mm
Panel Thickness	40 mm insulated panels
Panel Options	Sandwich (EPS core, aluminium cladding), full vision, or glass panels
Operation	Vertical folding design with no overhead tracks
Installation	Internal or external (ideal for spray booths and wash bays)
Colours	Custom powdercoat or anodised finishes in all RAL equivalents
Windows / Glazing	Transparent, semi-transparent, or mixed glazing combinations
Sealing	Fully sealed on all four sides for temperature and dust control
Motor Options	High-speed motor with optional frequency inverter
Safety Features	Fall safety device, anti-trap protection, slack-cable protection, automatic lock
Compliance	Designed and tested to EN 13241-1 (European Standard) — subject to local site assessment for Australian compliance

Additional Notes:

- Type: Folding sectional door (not a traditional overhead or roller door)
- Material: Insulated sandwich panels with CFC-free polystyrene foam core and aluminium stucco-finished cladding
- Profiles: Aluminium U-profiles on top and bottom for added strength and stability
- Custom-Made: Every door is tailored to the specific dimensions and requirements of the installation site

Install
Maintain
Repair

Intelligent design Inherently easier

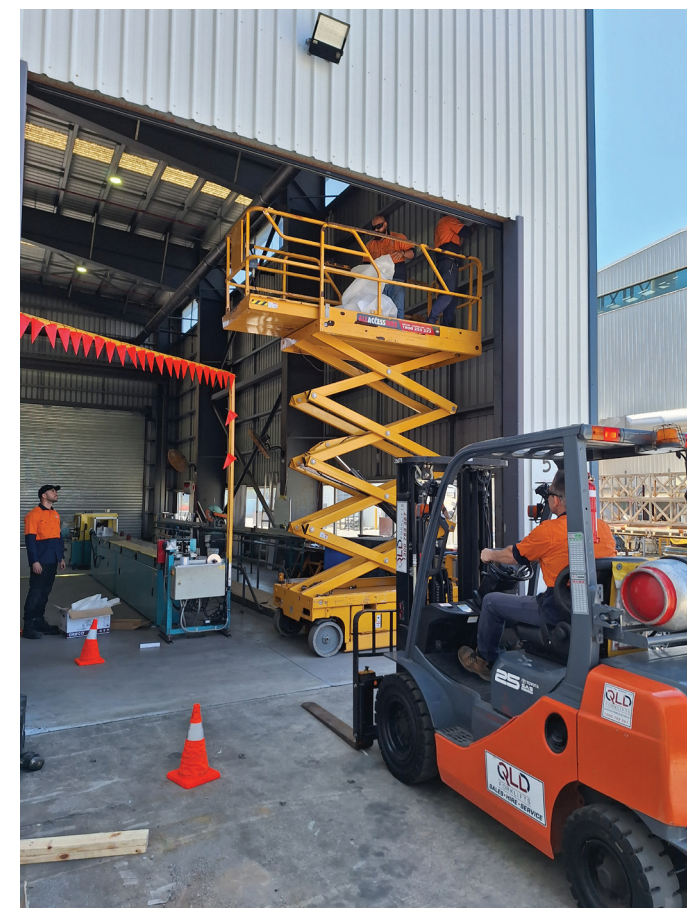
—
Pushing the boundaries to lift the bar in safety,
performance and technology.

| Durability | Security | Reliability



INDUSTRIAL DOOR SERVICE

Part of BX Bunka Australia



BX Industrial Door Service

Dependable support for every stage of your door's lifecycle

BX Industrial Door Service provides expert repairs, preventative maintenance and servicing for industrial and commercial door systems. Our experienced technicians help minimise downtime, improve safety and extend the life of your equipment across Noosa Heads, Sunshine Coast, Greater Brisbane, Toowoomba, Gold Coast and Northern NSW to Ballina.

Ideal for:

- Warehouses & distribution centres
- Commercial & retail premises
- Mining & industrial facilities
- Aviation & defence sites
- Schools & public infrastructure

Core Services:

- General and specialist repairs
- Routine servicing and assessments
- Preventative maintenance programs
- 24/7 emergency breakdown response (available in Noosa Heads, Sunshine Coast, Greater Brisbane, Toowoomba, Gold Coast and Northern NSW to Ballina.)

Service Breakdown

- Repairs for all major industrial and commercial doors and gates
- Preventative maintenance tailored to site and operational requirements
- Compliance checks and safety upgrades
- Spare parts and component replacement
- Scheduled servicing and performance assessments

Benefits

- Reduced downtime and improved operational reliability
- Extended equipment lifespan through regular maintenance
- Compliance with workplace health and safety standards
- Local technical support and rapid response
- Supported by BX Bunka's established service infrastructure

How to Access?

- Call our service hotline or local branch
- Flexible service agreements available
- Emergency callouts on demand

BOOK A SERVICE >
or learn more



Automation Accessories

Safety and Control you can trust

BX ARCO, BX SPRINT and BX MAX offer a full range of premium **industrial and commercial door operators**, accessories and spares from our partners and the Australian market leaders **Grifco** and **GfA Australia**.

Why Choose BX Accessories?

- ✓ Enhanced Safety – Multiple layers of protection (beams, brakes, curtains).
- ✓ Smart Control – From wall buttons to wireless myQ connectivity.
- ✓ Reliable Power – UPS backup ensures performance during outages.
- ✓ Flexible Fit – Compatible across our full BX range.

Automation Accessories Matrix

Brand	Category	Product	BX ARCO	BX MAX	BX SPRINT
GRIFCO Accessories	Smart Control	myQ, Remote Transmitters	✓		✓
	Safety Devices	Safety Beams, Light Curtains	✓	✓	✓
	Wall Controls	E-Drive Controls, Key Switches, Push Buttons	✓		✓
	Mounting Systems	Kits, Transmission Hardware	✓		✓
	Warning Systems	Flashing Lights, Sounders, LED Traffic Light*	✓		✓
	Power Supply	UPS Model CSCT-2000	✓		✓
	Logic Expansion	Main & Expansion Boards			✓
					✓
GfA Accessories	Control Panels	Logic Panels, FC Logic, TS 971 Keypad Boards	✓	✓	✓
	Safety	Light Curtain, Reflex Photo Beam, Safety Brakes	✓	✓	✓
	User Control	Wall Buttons, Keypad Modules, Digital Encoder		✓	✓
	Support	Hand Chain Operator, Service Stick, Controller Covers	✓	✓	✓

SCAN - for detailed information on the whole range



Industrial and Commercial Operators

High-performance drive systems built for demanding environments

BX ARCO, BX SPRINT and BX MAX offer a full range of premium **industrial and commercial door operators**, accessories and spares from our partners and the Australian market leaders **Grifco** and **GfA Australia**.

GRIFCO®

POWERING COMMERCIAL DOORS

Part of the Chamberlain Group which has been manufacturing in Australia for over 100 years, Grifo **specialise in automation solutions for commercial and industrial doors, gates, shutters, winches, and related accessories.**

GfA

Based in NSW, GfA bring German manufacturing excellence to offer Australis largest range of industrial door automation solutions, specialising in operators and controllers, particularly for **high precision / high performance components** (balanced vs non-balanced, specific drive type, or very precise control / accessory integration).

If you have specific requirements for bespoke motors, we can work with our supplier network to source tailored solutions.

Industrial & Commercial Door Operator Matrix

Brand	Application	Opener / Drive Model	BX ARCO	BX MAX	BX SPRINT
GRIFCO	Roller Doors	LR Drive			✓
		E-Drive RKML			✓
		Manual Hoists			✓
	Roller Shutters	E-Drive	✓		✓
		mDrive	✓		✓
		EHD Operators	✓		✓
		D-Drive	✓		✓
		HD Operators	✓		✓
	Fire Shutters	Fire Shutter Operators	✓		✓
		Fire Shutter Manual Hoists	✓		✓
GfA	Sectional Doors	S-Drive	✓		✓
		LS Drive	✓		✓
	Roller Shutters	Balanced Roller Shutter Drives	✓		✓
	Sectional Doors	Balanced Sectional Door Drives		✓	
	Shutters	Non-Balanced SafeDrive	✓	✓	✓
		Balanced Direct Shutter Drives	✓		

SCAN - for detailed information on the whole range



Case Studies



Tesla Gold Coast

Project Overview

Client: Tesla

Project Location: Gold Coast, Queensland

Scope: Design, manufacture, and installation of A3000 Counterweight Door

BX ARCO manufactured and installed an A3000 Counterweight Door for the new Tesla showroom in Gold Coast. This large-scale door, spanning 10 m, was designed to provide a sleek, modern entryway that aligns with Tesla's high-tech brand identity. The door features 6.38 mm Laminated Safety Glass for durability and visibility, while a Powdercoated finish enhances its aesthetic appeal. This installation showcases BX ARCO's commitment to delivering premium, functional, and visually striking entrance solutions for commercial spaces.

Project Specifications

Product: A3000 Counterweight Door

Size: 10 m wide

Glazing: 6.38 mm Laminated Safety Glass

Finish: Powdercoated



Challenges & Solutions

Managing the Large Door Span:

Engineering precision was applied to ensure the structural integrity and stability of the 10 m wide door while maintaining smooth functionality.

Safety and Durability of the Glazed Panels:

6.38 mm Laminated Safety Glass was used to provide impact resistance while maintaining a transparent and modern aesthetic.

Aesthetic and Branding Consistency:

The Powdercoated finish was selected to complement Tesla's modern and minimalist showroom design, ensuring a cohesive visual identity.

Seamless Installation & Operational

Efficiency: The counterweight mechanism was carefully calibrated to provide a balance between strength and ease of use, ensuring optimal performance.

Outcomes

The successful installation of the A3000 Counterweight Door at the Tesla showroom highlights BX ARCO's ability to deliver high-performance, aesthetically refined commercial entry solutions. The combination of premium materials, precision engineering, and sleek design has resulted in a functional yet visually impressive entryway that aligns perfectly with Tesla's innovative brand image. This project underscores BX ARCO's expertise in manufacturing and installing large-scale, architecturally significant doors that meet both operational and aesthetic requirements.



Royal Torino

Project Overview

Client: Royal Torino

Project Location: Confidential

Scope: Installation of PanelMAX® 80 (PM80) dock doors for insulation and efficiency

BX MAX prioritises strength, durability and simple operation in its product designs. For our latest project at Royal Torino, we installed PM80 doors on the internal side of eight docks, improving insulation between the cold room and the external surroundings of the building.

Our expert installation team managed both the mechanical and electrical setup of the doors and integrated a UPS system to ensure continued operation in case of power outages.

The system also allows interlocking between the dock controller and our PanelMAX® Doors, enhancing both safety and efficiency.

Project Specifications

Product: PM80 Doors with UPS System and interlocked operation with Roller Shutters.

Quantity: 8 units

Dimensions: 2800 mm W x 3000 mm H

Motor System: GfA Direct Drive System

Challenges & Solutions

Maintaining Optimal Insulation Efficiency: PM80 doors were installed with precision to minimise air leakage and ensure temperature control within the cold storage area.

Ensuring Continuous Operation During Power Outages: A UPS system was implemented to allow the doors to function seamlessly even during power failures, preventing operational downtime.

Integration with Existing Roller Shutters and PanelMAX® Doors: The doors were interlocked with Roller Shutters and PanelMAX® Doors, creating a synchronized system for enhanced security and functionality.

Mechanical and Electrical Installation Complexity: Our installation team carefully executed both mechanical and electrical setups, ensuring proper alignment and optimal performance.

Outcomes

The successful installation of PM80 dock doors at Royal Torino significantly improved insulation and operational efficiency. By integrating a UPS system and interlocking mechanisms, BX MAX delivered a reliable, durable and efficient solution that meets the client's needs. This project reinforces our commitment to high-performance door solutions that prioritise strength, durability and seamless operation.



Shoalhaven Council

Project Overview

Client: Shoalhaven Council

Project Location: Shoalhaven Material Recovery Facility

Scope: Installation of Sprint Roller Shutters

BX Sprint, in partnership with Steel-Line Garage Doors Wollongong successfully installed 15 BX Sprint Windlocked Roller Shutters at the Shoalhaven Material Recovery Facility for Shoalhaven Council. The project required high-performance, durable shutters to enhance operational efficiency and security at the facility..

Project Specifications

Product: BX Sprint Windlocked Roller Shutters

Quantity: 15 units

Slat Size: 100 mm slats

Dimensions: 8 m H x 8 m W

Finish: Powdercoated in Pale Eucalypt

Motor System: Grifco 2hp 3-phase Mechanical Motors with Standard Controls

Challenges & Solutions

Large-Scale Installation: The project required the installation of oversized Roller Shutters, which we managed efficiently through precise planning and coordination.

Windlocked System: Ensuring enhanced wind resistance and structural integrity for optimal performance in varying weather conditions.

Motorised Operation: The Grifco 2hp 3-phase motors provide reliable, smooth, and efficient operation, meeting the facility's high-usage requirements.

Outcomes

The installation of 15 BX Sprint Windlocked Roller Shutters successfully enhanced the functionality and security of the Shoalhaven Material Recovery Facility. The Roller Shutters provide seamless operation, durability and superior protection, meeting the client's expectations and operational needs.



Technical Data Sheets

BX ARCO - Roller Shutters

Roller Shutters, Grilles, & Folding Doors											
BX	TYPE	Aluminium Roller Shutter			Polycarbonate Roller Shutter	Aluminium Roller Grille		Aluminium Folding Door	Roll Formed Steel Roller Shutter		Fire Resistant Steel Roller Shutter
	PRODUCT	Slimline	Arcade 2	Arcade 3	Clear Roller	Casino (Grille)	Stadium (Grille)	Mikado	Q75	Q100	Q100F (Fire Rated)
Max Height (mm)	Motorised Manual	4000 3000	4000 3000	5000 3000	4000 3000	4000 3000	4500 3000	N/A 3600	5000 (0.6mm) 5500 (0.8, 1.2mm)	6000 (0.8mm) 10000 (1.0, 1.2mm)	6000
Max Width (mm)	Motorised Manual	5500 3000	5500 3000	11500 3000	5500 3000	5500 3000	7850 3000	N/A No specified max	5500 (0.6mm) 5900 (0.8mm)	8000 (0.8mm) 10500 (1.0mm)	9000
Slat/Curtain/Panel/Infill Profile	Extruded aluminium slat / panel	43mm x 1.4mm	75mm x 1.5mm	118mm x 1.4mm				150mm or 300mm wide x 3mm thk solid			
	Clear polycarbonate slats / panel				100mm x 1.5mm			3mm clear			
	aluminium joiners				30mm						
	aluminium tubes					12mm @ 50mm ϕ	19mm @ 75mm ϕ				
	links					Nylon	Aluminium				
Ventilation Options	Steel Slat Profile								75mm galvanised steel 0.6mm, 0.8mm, 1.0mm	100mm galvanised steel 0.8mm, 1.0mm, 1.2mm	100mm galvanised steel 1.0mm
	Steel Slat Thickness										
	Multi-hole perforation				Perforation on aluminium joiners			3mm perforated aluminium			
	Oval slots		92x25mm oval slots	195x75mm to 575x75mm slots					100x25mm slots	60x40mm slots	
Side Guides	Solid curtain	Solid curtain									Solid curtain only
	Open grille design					Open grille design for high airflow	Open grille design for high airflow				
	Extruded aluminium	50mm x 33mm	50mm x 33mm	105mm x 35mm	50mm x 33mm	50mm x 33mm	105mm x 35mm (motorised) 50mm x 33mm (manual)				
	Silencer							N/A	57 x 50mm	102 x 47mm	
Track	Windlock							N/A	70 x 32mm	103 x 48mm	
	Heavy-Duty Windlock							N/A		133 x 125mm	
	Steel Profile							N/A			103mm - 135mm x 38mm x 3mm galvanised steel
											N/A
Bottom Rail	Overhead aluminium	N/A	N/A	N/A	N/A	N/A	N/A	36mm x 42mm	N/A	N/A	N/A
Roller Drum	Extruded aluminium	90mm	90mm	120mm	90mm	90mm	100mm double aluminium angle	N/A	Extruded aluminium or heavier options for cyclonic regions	50x50x3mm	
	Galvanised angle							N/A	Extruded aluminium or heavier options for cyclonic regions	50x50x3mm galvanised angle	2 x 50x50x5mm steel angle back- to-back
	Spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	N/A			
	Spring balanced steel tube (size varies)									Up to 8000W x 8000H	Up to 6000W x 6000H
Locking	Springless steel tube (size varies)							N/A			
	2-way mortise key										
	Shoot bolt (manual)						Sliding shoot bolts				
	Motor locking										
Operation	Other		Optional waist-high locking.	Centrally mounted lock (not recommended for motorised)			Optional waist-high locking	Custom designed lockset in 54mm x 32mm lead post	Shoot bolt (manual) or motor locking		
	Manual							Manual (hand push/pull)	Manual (<6m ²)	Manual (<6m ²)	
	Chain								Chain (<25m ²)	Chain (<25m ²)	Chain (<16m ²)
	Motorised										
Finish	Other		Central drum motor								
	Clear Anodised										
	Powdercoat								Powdercoat (slats only)	Powdercoat (slats only)	
	Matte Natural Anodised										
Fire Rating	Galvanised										
	Prime Painted										Pre-painted $\leq$ 60 μ
	Zincalume										
	FRL								N/A	N/A	-/120/- or -/240/- (AS1530.4)
Stacking Detail		N/A	N/A	N/A	N/A	N/A	N/A	Single or bi-parting configuration, curved track available	N/A	N/A	N/A
Wind Rating	Designed to AS 4055-2021 & AS/NZS 1170.2-2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Non-Cyclonic: N1N2N3N4N5N6Cyclonic: C1C2C3C4Non-Cyclonic: N1N2N3N4N5N6Cyclonic: C1C2C3C4		N/A
Motors	SIMU in-drum motor (0.5 HP, 240V)							N/A			
	Grifco LR drive							N/A			
	Central drum motor (1 or 3 ϕ)							N/A			
	Industrial worm & wheel reduction gearbox							N/A			
	0.75HP to 2.0HP industrial openers							N/A			
Duty Cycle	Industrial fire shutter opener										
Speed		Low cycle (3 mins every 20 mins)	Low cycle (3 mins every 20 mins)	Suitable for high use environments	Low cycle (3 mins every 20 mins)	Low cycle (3 mins every 20 mins)	Door System Dependent	N/A	Standard (10 mins/hr) or High Cycle options available	Standard (10 mins/hr) or High Cycle options available	Automatic closure in fire event
Acoustic Properties		Door System Dependent	Door System Dependent	Door System Dependent	Door System Dependent	Door System Dependent	Door System Dependent	Not applicable	Door System Dependent	Door System Dependent	Controlled descent on fusible link activation
Thermal Properties		Optional nylon felt/mohair buffer for quieter operation	Optional nylon felt/mohair buffer for quieter operation	Optional rubber twin-fin/mohair felt for quieter operation	Optional nylon felt/mohair buffer for quieter operation	Optional nylon felt/mohair buffer for quieter operation	Optional rubber twin-fin/mohair felt for quieter operation	Dependent on panel infill	Nylon end clips and guide strips for noise reduction	Nylon end clips and guide strips for noise reduction	Not specified
		Not specified	Not specified	Not specified	Not specified	Not applicable	Not applicable	Dependent on panel infill	Not specified	Not specified	Insulation value not specified, provides fire separation

BX ARCO - Counterweight Doors

Counterweight Doors

BX	Model	Vertical Tilt		Vertical Bi-Fold		Vertical Lift	
	Product	A1000		A3000		A5000	
Max Height		Custom designed (Wind Load, Size, Application dependent)		Varies by wind loading (Up to 8m)		Varies by wind loading (Up to 8m)	
Max Width		Custom designed (Wind Load, Size, Application dependent)		Varies by wind loading (Up to 8m)		Varies by wind loading (Up to 12m)	
Frame		Steel Hollow Sections (Grade C350)		Steel Hollow Sections (Grade C350)		Steel Hollow Sections (Grade C350)	
Cladding	Sheet materials (Trimdek, Custom Orb)	•		•		•	
	Glass (Laminated, Toughened)	•		•		•	
	Plastic (Polycarbonate, Acrylic, Perspex)	•		•		•	
	Aluminium composite panels	•		•		•	
Operation	Manual Chain Hoist (Size & Weight dependent)	•		•		•	
	Electric	•		•		•	
Locking	Pad bolts (manual)	•		•		•	
	motor locking (electric)	•		•		•	
Finish	Powdercoat	Max Panel Size (8W x 2.4H)		Max Panel Size (8W x 2.4H)		Max Panel Size (8W x 2.4H)	
	Hot Dip Galvanising (HDG)	Max Panel Size (8W x 2.4H)		Max Panel Size (8W x 2.4H)		Max Panel Size (8W x 2.4H)	
	Polyurethane Paint	•		•		•	
Wind Rating	Designed to AS/NZS 1170.2:2021 (Certificate dependent)	Non-Cyclonic		Cyclonic		Non-Cyclonic	
		N1N2N3N4N5N6		C1C2C3C4		N1N2N3N4N5N6	
		●●●●●●		●●●●●●		●●●●●●	
Motors	Chain Drive (Hoist) Standard	Standard		Standard		Standard	
	Direct Drive (Design Dependent)	Gearbox, Safety Brake		Gearbox, Safety Brake		Gearbox, Safety Brake	
Additional Safety Features		Light Curtain Floor Loops Electronic Lock Traffic lights		Light Curtain Floor Loops Electronic Lock Traffic lights		Light Curtain Floor Loops Electronic Lock Traffic lights	
Duty Cycle		Low Cycle (Commercial)		Low Cycle (Commercial)		Low Cycle (Commercial)	
Speed		Door System Dependent		Door System Dependent		Door System Dependent	
Acoustic Properties		Dependent on cladding		Dependent on cladding		Dependent on cladding	
Thermal Properties		Dependent on cladding		Dependent on cladding		Dependent on cladding	

BX ARCO - Security Gates

SECURITY GATES		Sliding Gate																Swing Gate																	
BX	Model	Floor Track Sliding Gate						Top Hung Sliding Gate						Cantilever Sliding Gate						Single Swing Gate								Bi-Parting Swing Gate							
	Feature	ASLG 10 Floor Track						ASLG 20 Top Hung						ASLG 30 Cantilever						ASWG 10 Single Swing								ASWG 20 Bi-Part Swing							
Max Width (mm)		≤ 30000 (as bi-parting)						≤ 30000 (as bi-parting)						≤ 30000 (as bi-parting)						≤ 6000								≤ 9000							
Frame	Steel Hollow Sections (Grade C350)	●						●						●						●								●							
Infill	SHS vertical bars	@ 125mm ⌀ (standard)						@ 125mm ⌀ (standard)						@ 125mm ⌀ (standard)						@ 125mm ⌀ (standard)								@ 125mm ⌀ (standard)							
	Various type of cladding	●						●						●						●								●							
Operation	Manual	Manual (≤3000mm)						Manual (≤3000mm)						Manual (≤3000mm)						Manual (≤6m)								Manual (≤9m)							
	Motorised	●						●						●						●								●							
Locking		Via motor						Via motor						Via motor						Electric lock (motorised)								Electric lock (motorised)							
Special Features		Light Curtain Floor Loops Electronic Lock Traffic lights						Light Curtain Floor Loops Electronic Lock Traffic lights						Light Curtain Floor Loops Electronic Lock Traffic lights						Optional Pedestrian Access (PA) Custom Cladding/Design Telescopic Kit Add On								Tapered bottom hinges Ball bearing top hinges							
Finish	Powdercoat	Max Panel Size (8W x 2.4H)						Max Panel Size (8W x 2.4H)						Max Panel Size (8W x 2.4H)						Max Panel Size (8W x 2.4H)								Max Panel Size (8W x 2.4H)							
	Hot Dip Galvanising (HDG)	Max Panel Size (8W x 2.4H)						Max Panel Size (8W x 2.4H)						Max Panel Size (8W x 2.4H)						Max Panel Size (8W x 2.4H)								Max Panel Size (8W x 2.4H)							
	Polyurethane Paint	●						●						●						●								●							
Wind Rating	Designed to AS/NZS 1170.2:2021 (Certificate Dependent)	Non-Cyclonic			Cyclonic			Non-Cyclonic			Cyclonic			Non-Cyclonic			Cyclonic			Non-Cyclonic			Cyclonic			Non-Cyclonic			Cyclonic						
		N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4	N1N2N3N4N5N6	C1C2C3C4										
		●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●									
Motors	Low voltage (24V) DC drive	●						●						●																					
	Low voltage swinger type																			●								●							
	Low voltage linear actuators																			●								●							
Duty Cycle		High duty cycle						High duty cycle						High duty cycle						Medium ~ High								Medium ~ High							
Speed		Variable open and close speeds						Variable open and close speeds						Variable open and close speeds						Operator Dependent								Operator Dependent							
Acoustic Properties		Dependent on infill						Dependent on infill						Dependent on infill						Dependent on infill								Dependent on infill							
Thermal Properties		Not applicable						Not applicable						Not applicable						Not applicable								Not applicable							

BX MAX - ShutterMAX® Roller Shutters, RapidMAX® High Speed Doors, PanelMAX® Sectional Doors

ShutterMax Roller Shutters, RapidMax High Speed Doors, PanelMax Sectional Doors

BX	TYPE	ShutterMax Roller Shutters			RapidMax High Speed Doors				PanelMax Sectional Doors		
	PRODUCT	SHUTTERMAX® ISO-SL	SHUTTERMAX® 95R	SHUTTERMAX® 100D	RAPIDMAX® SS	RAPIDMAX® Plus	RAPIDMAX® iso-Freeze	RAPIDMAX® iso-Chill	PANELMAX® 40	PANELMAX® 40ECO	PANELMAX® 80
Primary Application		High-speed external insulated & security	Insulated, security & equipment integration	Heavy-duty, acousitc & security	Internal high-speed (hygiene sensitive)	Internal/External high-speed	Freezer applications (-°C)	Chiller applications (+°C)	General purpose insulated sectional door	General purpose insulated sectional door	High-performance insulated sectional door for freezers/cool rooms
Maximum Width (larger sizes available upon request)		6000mm	6000mm	11,800mm	4000mm	4000mm	3500mm	3500mm	6000mm	4000mm	6000mm
Maximum Height (larger sizes available upon request)		6500mm	6000mm	13,000mm	5500mm	5500mm	5500mm	5000mm	6500mm	4000mm	6500mm
Opening Speed		Up to 1.7 m/sec	0.18 m/sec	0.18 m/sec	Up to 2.5 m/sec	Up to 2.5 m/sec	Up to 2.5 m/sec	Up to 2.5 m/sec	0.18 m/sec	0.18 m/sec	0.18 m/sec
Closing Speed		0.7 m/sec	0.18 m/sec	0.18 m/sec	0.8 m/sec	0.8 m/sec	0.8 m/sec	0.8 m/sec	0.18 m/sec	0.18 m/sec	0.18 m/sec
Provisional Duty Cycle		High	Medium	Medium	High	High	High	High	Low to Medium	Low to Medium	Low to Medium
Door Curtain / Panel		Anodised Aluminium & PVC with polyurethane foam fill	Galvanised Steel with PU foam fill / Colour: Mouse Grey (RAL 7005)	Galvanised Steel with Rockwool (Std) Aluminium with Rockwool (Opt) Stainless Steel (Opt.)	TOUGHFLEX® with Vision Panel (Std) / 0.8mm & 1.2mm Vinyl (opt.)	TOUGHFLEX® with Vision Panel (Std) / 0.8mm & 1.2mm Vinyl (opt.)	ISO-FLEX 30® Insulated 30mm	ISO-FLEX® 15 Insulated 15mm / ISO-FLEX® 30 Insulated 30mm (opt.)	40mm Insulated Polyurethane Panel / Windows (opt.), PA Door (opt.)	40mm Insulated Polyurethane Panel / Windows (opt.)	80mm Insulated Polyurethane Panel / Windows (opt.) , PA Door (opt.)
Frame / Panel Finish		Galvanised Steel (Std) Powdercoated (Opt)	Galvanised Steel (Std) Powdercoated (Opt)	Galvanised Steel (Std) Powdercoated (Opt)	Stainless Steel 304 (Std) 316 (Opt)	Powdercoated Yellow Steel / Galvanised (opt), other colours (opt.)	Powdercoated Yellow Steel with Frame Heater	Powdercoated Yellow Steel / Frame Heater (optional)	RAL 9002 (Surfmist) Other colours available upon request	RAL 9010 (Pure White) Other colours available upon request	RAL 9002 (Surfmist) Other colours available upon request
Motor / Drive System		GfA Safedrive with soft start/stop	GfA Safedrive	GfA Safedrive	GfA Safedrive 240V Single Phase	GfA Safedrive 240V Single Phase	GfA Safedrive 240V Single Phase	GfA Safedrive 240V Single Phase	Motorised (Std) / Manual (Opt) 3 Phase/415V (Std) 1 Phase/240V (Opt)	Motorised (Std) Soft Start/Stop / Manual (Opt) 3 Phase/415V (Std) 1 Phase/240V (Opt)	Motorised (Std) / Manual (Opt) 3 Phase/415V (Std) 1 Phase/240V (Opt)
Standard Safety		Integrated Brake , Manual Chain Over-ride, Light Curtain, Safety Reversing Edge , E-Stop	Integrated Brake, Manual Chain Over-ride, E-Stop	Integrated Brake, Manual Chain Over-rid, E-Stop	Knockout with Manual Reset, Integrated Brake , Bottom Beam Safety Edge , PE Beam , E-Stop , Manual Chain Over-ride	Knockout with Manual Reset, Integrated Brake , Bottom Beam Safety Edge , PE Beam , E-Stop , Manual Chain Over-ride	Knockout with Manual Reset, Integrated Brake , Light Curtain, E-Stop , Manual Chain Over-ride	Knockout with Manual Reset, Integrated Brake , Light Curtain, E-Stop , Manual Chain Over-ride	Integrated Brake, E-Stop , Spring Brake Safety Device , Cable Brake Safety Device (>12m²)	E-Stop , Spring Brake Safety Device , Cable Brake Safety Device (>12m²)	Integrated Brake, E-Stop , Spring Brake Safety Device , Cable Brake Safety Device (>10m²)
Optional Safety		Door-line Safety PE Beam	Door-line Safety PE Beam, Light Curtain, Safety Reversing Edge	Door-line Safety PE Beam, Light Curtain, Safety Reversing Edge	Light Curtain	Light Curtain	PE Beam	PE Beam	PE Safety Beam, Light Curtain , Bottom Safety Edge	PE Safety Beam, Light Curtain , Bottom Safety Edge	PE Safety Beam, Light Curtain , Bottom Safety Edge
Thermal Properties		U=0.875 / R=1.14	U=3.47 / R=0.29	U=4.4 / R=0.23	N/A	N/A	U=0.65 / R=1.54	U=1.12 / R=0.89	U=0.51 / R=1.96	U=0.51 / R=1.96	U=0.26 / R=3.85
Acoustic Properties		16 dB (calculated)	27 dB	35 dB	N/A	N/A	Not Specified	Not Specified	25 dB	28 dB	25 dB
Wind Load Rating		Available:Gusts >700 Pa (Class 3 EU EN 12424) Higher wind loads available upon request	Available:Gusts >700 Pa (Class 3 EU EN 12424) Higher wind loads available upon request	Available - Gusts > 1000 Pa (Class 5 EN12424) Higher wind loads available upon request	Gusts >30km/hr (Std) >72km/hr (Opt)	Gusts >30km/hr (Std) >72km/hr (Opt)	Gusts >30km/hr	Gusts >30km/hr (Std) >72km/hr (Opt)	Available - Gusts >120km/h, 700 Pa (Class 3 EU EN12424)	Available - Gusts >100km/h, 450 Pa (Class 2 EU EN12424)	Available - Gusts >120km/h, 700 Pa (Class 3 EU EN12424)

BX Max - Dock Levellers

		DLH-NG	DLH-M100	DLH-JNG	DLE-NG	DLE M / DLEM100	DLE-JNG	DLC-NG
General								
Capacity		60 kN	100 kN	60 kN	60 kN	60 kN / 100kN*	60 kN	60/20 kN
Construction		Modular	Modular	Modular	Modular	Modular	Modular	Modular
Dimensions / weight								
Platform length (L2)	Min.	2000	2000	3500	2000	2000	3500	4500
	Max.	4000	4000	5000	3000	4000	5000	5000
Width (B)	Min.	1830	2000	2000	2000	2000	2000	2000
	Max.	2250	2250	2250	2250	2250	2250	2250
Construction height		600	600	750/900	700	700	750/900	1000
Effective Working range above dock (O)	Min.	160	165	240	270	310	380	480
	Max.	350	345	640	455	465	720	600
Effective working range under dock (U)	Min.	-270	-275	-410	-340	-340	-440	-600
	Max.	-305	-315	-620	-465	-450	-700	-800
Weight	Min.	545	541	905	741	952	1280	1620
	Max.	1319	1788	1564	1272	1898	2070	1880
Top platform								
Drive		Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic
Construction		Durbar plate 6/8	Durbar plate 8/10	Durbar plate 6/8	Durbar plate 8/10	Durbar plate 8/10	Durbar plate 8/10	Durbar plate 8/10
Hydraulic system								
Operating pressure (ca.)		100 bar	100 bar	100 bar	100 bar	100 bar	100 bar	100 bar
Ø Outside main cylinder (2x)		50 mm	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm
Operating temperature (°Celsius)	Min.	-30°	-30°	-30°	-30°	-30°	-30°	-30°
	Max.	+50°	+50°	+50°	+50°	+50°	+50°	+50°
Drive								
Powerpack		0,75 kW	0,75 kW	0,75 kW	1,1 kW	1,1 kW	1.1 kW	1,1 kW
Power supply		400V/50Hz/2,5A	400V/50Hz/2,5A	400V/50Hz/2,5A	400V/50Hz/2,5A	400V/50Hz/2,5A	400V/50Hz/2,5A	400V/50Hz/2,5A
Control current		24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Protection class		IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Lip								
Movement		Hinged	Hinged	Hinged	Telescopic	Telescopic	Telescopic	Telescopic
Drive		Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic	Elec. hydraulic
Length		400 mm	400 mm	400 mm	0 ~ 500 mm	0 ~ 500 mm	0 ~ 500 mm	0 ~ 500 mm
Angle		4°	4°	4°	5°	5°	5°	5°
Construction		Durbar plate 12/14	Durbar plate 20/22	Durbar plate 12/14	Durbar plate 12/14	Durbar plate 12/14	Durbar plate 12/14	Durbar plate 12/14
						Durbar plate 20/22*		
Ø Outside lip cylinder		45 mm	55 mm	45 mm	50 mm	50 mm	50 mm	50 mm
Security								
Toe guards		Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides
Maintenance strut		Included	Included	Included	Included	Included	Included	Included
Full hydraulic safety stop		Included	Included	Included	Included	Included	Included	Included
Emergency stop switch		Included	Included	Included	Included	Included	Included	Included
Thermo relay		Included	Included	Included	Included	Included	Included	Included

*) this value is valid with a capacity of 100kN

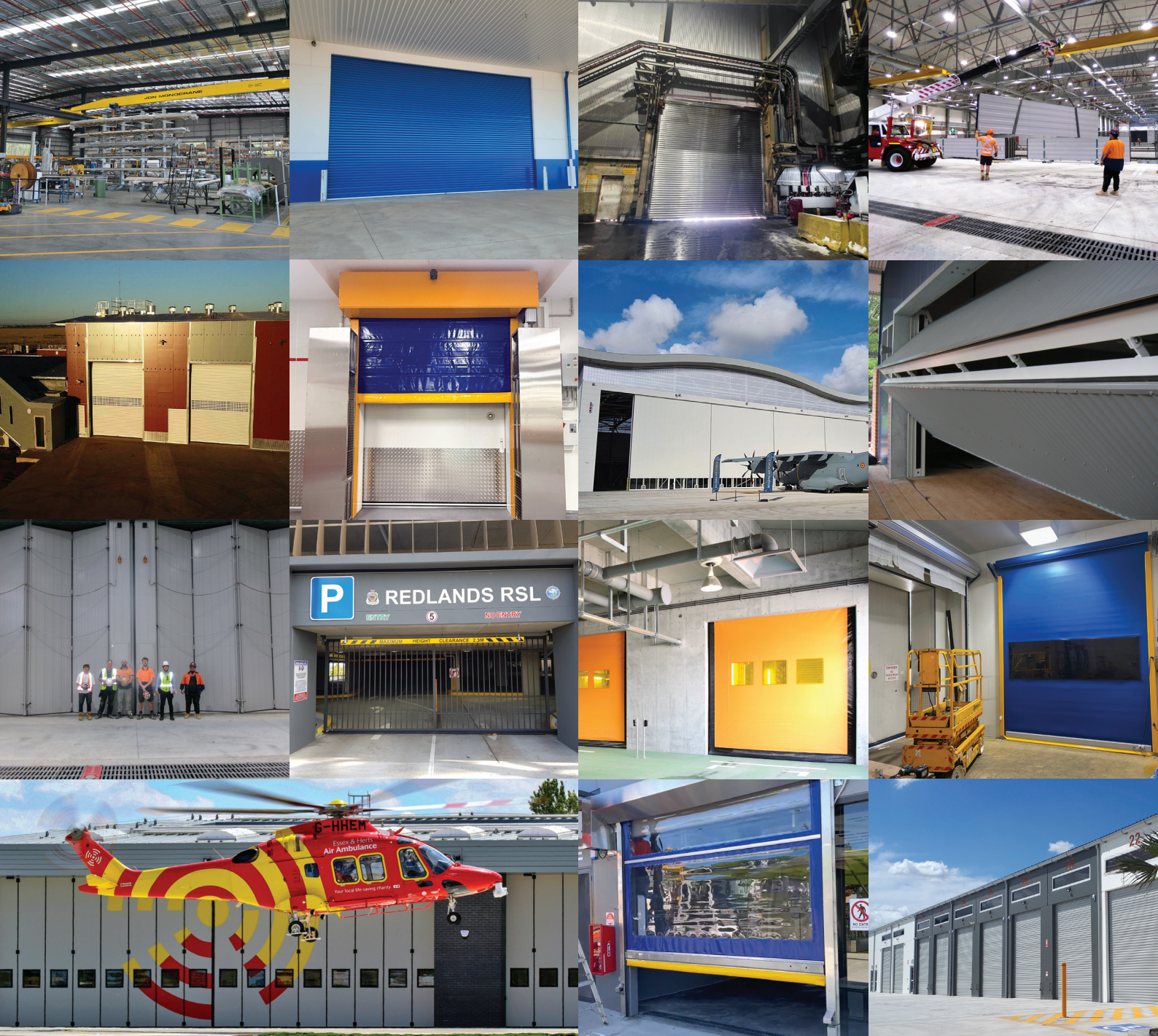
Rev. 7-8-2023

Translation of original manual.
Technical specifications are subject to change.

BX Sprint - Steel Roller Shutters (S-Series)

Steel Roller Shutters (S-Series)

BX	TYPE	Roll Formed Steel Roller Shutter		Fire Resistant Steel Roller Shutter	
	PRODUCT	S75	S100	S75F (Fire Rated)	S100F (Fire Rated)
Max Height (mm)	Motorised	8000	14000	6000	6000
	Manual				
Max Width (mm)	Motorised	8000	11700	9000	9000
	Manual				
Slat/Curtain/Panel/Infill Profile	Steel Slat Profile	75mm galvanised steel	100mm galvanised steel	75mm galvanised steel	100mm galvanised steel
	Steel Slat Thickness	0.8mm, 1.0mm	0.8mm, 1.0mm	1.0mm	1.0mm
Ventilation Options	Multi-hole perforation	•	•		
	Oval slots	100x25mm slots	100x25mm slots		
	Solid curtain	•	•	Solid curtain only	Solid curtain only
Side Guides	75mm	79 x 36mm	79 x 36mm		
	100mm	103.5 x 37mm	103.5 x 37mm	103.5 x 37mm	103.5 x 37mm
	Windlock	103 x 47.5mm	103 x 47.5mm		
	Fire Shutter Guide			138 x 37mm	138 x 37mm
Bottom Rail	Extruded aluminium	•	•		
	Light Steel	•	•	2 x 50x50x5mm steel angle back-to-back	2 x 50x50x5mm steel angle back-to-back
	Steel Box	•	•		
Roller Drum	Line Pipe	•	•	•	•
Locking	Shoot bolt (manual)	•	•		
	Motor locking only	•	•	•	•
Operation	Manual	Manual (<6m²)	Manual (<6m²)		
	Chain	Chain (<25m²)	Chain (<25m²)	Chain (<16m²)	Chain (<16m²)
	Motorised	•	•	•	•
Finish	Powdercoat	Powdercoat (slats only)	Powdercoat (slats only)	Powdercoat (slats only)	Powdercoat (slats only)
	Galvanised	•	•	•	•
Fire Rating	FRL	N/A	N/A	-/120/- (AS1530.4)	-/120/- (AS1530.4)
Motors	0.75HP to 2.0HP industrial openers	•	•		
	Industrial fire shutter opener			•	•
Duty Cycle		Standard (10 mins/hr) or High Cycle options available	Standard (10 mins/hr) or High Cycle options available	Automatic closure in fire event	Automatic closure in fire event
Speed		Door System Dependent	Door System Dependent	Controlled descent on fusible link activation	Controlled descent on fusible link activation
Acoustic Properties		Nylon end clips for noise reduction	Nylon end clips for noise reduction	Not specified	Not specified
Thermal Properties		Not specified	Not specified	Insulation value not specified, provides fire separation	Insulation value not specified, provides fire separation



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