

Your trusted partner in

AUTOMOTIVE

INDUSTRY SOLUTIONS

Engineered access solutions built for
performance, safety and reliability.



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BX

BX BUNKA AUSTRALIA
Bunka Shutter Group



One Brand. Total Protection. End-to-End Performance.

Choosing the right door solution for automotive facilities is crucial for efficiency, safety and cost-effectiveness. Key factors to consider include:

- Operational efficiency: rapid opening and closing for smooth vehicle and staff movement
- Durability: robust design capable of withstanding high-frequency use and heavy wear
- Safety & compliance: protecting personnel, vehicles and meeting industry standards
- Environmental control: insulation, sealing and thermal performance to maintain workshop and storage conditions

At BX Bunka Australia, we bring together multiple trusted brands under one umbrella, offering a complete range of door solutions to support all automotive operations, from production lines and workshops to distribution centres and service facilities.

BX ARCO AUSTRALIA DOOR SYSTEMS
Part of BX Bunka Australia

BX MAX DOOR SOLUTIONS
Part of BX Bunka Australia

BX SPRINT ROLLER SHUTTERS
Part of BX Bunka Australia

BX INDUSTRIAL DOOR SERVICE
Part of BX Bunka Australia

Reliable, durable doors engineered to support automotive operations.

Folding Doors

Our Compact® and Counterweight Doors deliver reliability, performance and peace of mind for automotive facilities of all sizes. Designed for high-traffic workshops, production lines and vehicle storage areas, they provide fast, durable and safe access while maintaining environmental control and operational efficiency.



High Cycle Performance

Engineered for frequent use, our folding doors deliver reliable operation even in high-traffic automotive facilities.



Wind Rated

Designed to withstand high wind loads, providing safety and stability for large openings in exposed locations.



Quiet Operation

Smooth and low-noise movement ensures minimal disruption in workshops, production areas and service centres.



Customisable

Flexible design options allow doors to be tailored to specific facility requirements, including size, finishes and operational features.

Which folding door is best for your workshop?

Compact® Door

Counterweight Door

What size opening do I require?

SMALL OPENINGS (<6M)
The main space-saving feature of the Compact door is its folding system. Whereas standard sectional doors roll up and over, the Compact® door just needs a small space above the door opening. This serves both practical and esthetic purposes, as the ceiling is free of rails or support systems.

LARGE OPENINGS (>30M)
The Counterweight Door requires **operational clearances** as well as permanent space for its accommodation. It is important to take these in to consideration especially the operational clearances as they impinge on other design criteria, for example the drive through clearances.

Is sealing capabilities important for my facility?

HIGH
To protect your goods or people against the weather, the Compact® door comes with **sealing** on the top and bottom of the door and in between panels as well. Rails are sealed as well.
The Compact® door, is made from **highly insulated sandwich panels** with an insulation value of $U = 0.76 \text{ W/m}^2\text{K}$ (BS EN 12428).



MINIMAL
Counterweight doors can be fitted with **optional sealing** depending on the design, but some airflow will always occur. This makes them less effective for insulation.

Do my doors require wind resistant properties?

STANDARD PROPERTIES
Storm profiles can be positioned in between the door panels to add extra rigidity to the door blade. Anodized aluminum profiles are added to ensure the door can withstand strong winds: **wind resistance EN12424. Class 2-5.**

CYCLONIC WIND PROPERTIES
Appropriate for cyclonic locations such as Northern Queensland and Western Australia.
The Counterweight Doors are designed to withstand site specific wind loading in accordance to **AS1170.2-2002**. If wind loads are not provided, the **standard industry 0.5 Kpa.**

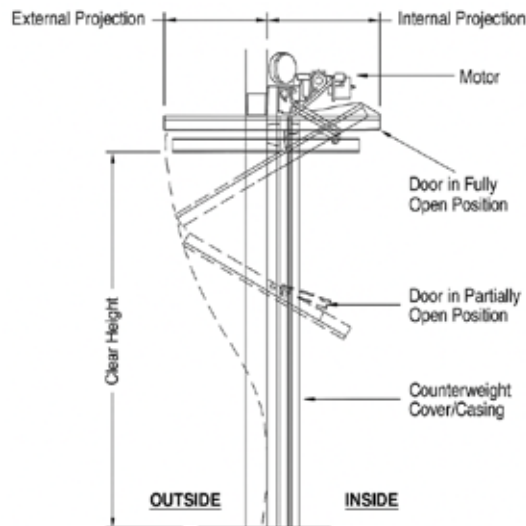
Where can I find folding doors used in the automotive industry?

MELBOURNE, VIC
Luxury Car Dealership



BRISBANE, QLD
Tesla Dealership





A3000 Foldaway Counterweight Balanced Door

Custom-engineered folding doors for high-performance automotive facilities.

Standard

- Bi-fold counterweight balanced door system designed for high-traffic automotive facilities
- Custom-made to suit openings from 1 m up to 30 m wide
- Minimal internal projection and low headroom requirement for efficient use of internal space
- Enhances facility appearance while providing secure and reliable access
- Suitable for workshops, production lines, storage areas and vehicle distribution hubs

Technical Highlights

- High operational capacity: designed for over 100,000 cycles per year with minimal maintenance
- Customisable design: accepts a wide variety of cladding and glazing materials
- Wind rated: engineered to withstand site-specific wind loads (AS/NZS 1170.2:2021)
- Operation options: manual or motorised control to suit facility needs
- Enhanced security: optional additional locking systems
- Space-efficient: minimal internal projection and low headroom requirements

Performance & Compliance

- Delivers exceptional durability in high-traffic, heavy-duty automotive environments
- Low maintenance design ensures long-term reliability and operational efficiency
- Custom ARCO mechanism provides smooth, high-speed operation with consistent performance
- Meets stringent Australian wind load standards (AS/NZS 1170.2:2021)
- Designed to combine safety, security and operational convenience in large-scale facilities

Application

- Automotive manufacturing plants: large-span doors for production lines and vehicle assembly areas
- Workshops and service centres: high-cycle doors for frequent vehicle movement
- Vehicle storage and distribution centres: secure, energy-efficient access for large openings
- High-value automotive sites: minimal internal projection and customisable finishes for a professional appearance



Compact® Door

Innovative folding doors for space-efficient, high-performance automotive facilities.

Standard

- Overhead folding door designed for areas where traditional sectional or roller doors cannot fit
- Unique folding mechanism requires no overhead tracks, maximising ceiling and wall space
- Ideal for workshops, showrooms, spray booths and industrial automotive facilities
- Combines modern European aesthetics with proven durability and performance

Technical Highlights

- No overhead rails: panels fold vertically into a compact stack above the doorway
- Space-saving design: perfect for areas with limited headroom or ceiling constraints (lighting, cranes, sprinklers)
- Quiet and smooth operation: low-noise motorised system with minimal energy use
- Flexible installation: can be installed internally or externally, including corners and tight spaces
- Customisable glazing: multiple options to enhance light and visibility while maintaining style

Performance & Compliance

- Designed for frequent use in high-traffic automotive facilities
- Low-maintenance, durable construction ensures long-term reliability
- Smooth and quiet motorised operation minimises disruption to workshop or showroom environments
- Flexible installation allows compliance with architectural and operational requirements
- Combines safety, functionality and aesthetics in a space-efficient solution

Application

- Automotive workshops: maximise usable space while providing secure access
- Showrooms: stylish, modern folding doors for high-visibility areas
- Spray booths and car washes: compact doors that don't interfere with overhead equipment
- Warehouses & industrial facilities: efficient access in high-traffic, limited-clearance environments
- Specialised sectors: suitable for food industry and emergency service facilities requiring space-efficient, hygienic access

Matrix

Technical Sheet Comparisons

Folding Doors

	A3000 Counterweight Balanced Door	Compact® Doors
Door Type	Vertical Bi-Fold Counterweight Balanced Door	Folding sectional door (Insulated sandwich panels with CFC-free polystyrene foam core and aluminium stucco-finished cladding)
Span Width	Custom designed (Wind Load, Size, Application dependent)	Up to 7000mm (max 7960mm high)
Operation	Manual (Size & Weight dependent) or motorised	Motorised as standard. Vertical folding design with no overhead tracks
Cycles	Over 100,000 cycles annually with minimal maintenance	TÜV-tested for over 100,000 cycles
Noise	Quiet and smooth operation	Low-noise motorised system with minimal energy use
Motorisation	Includes guides, torque limiter drive unit, limit switches, overhead shaft and control system	High-speed motor with optional frequency inverter
Cladding / Glazing	Trimdek, Custom Orb, laminated or toughened glass, polycarbonate, Perspex, Laserlite, aluminium composite panels (ACP)	Transparent, semi-transparent, or mixed glazing combinations
Wind Load	Designed to site-specific wind loads to AS1170.2-2021 (Certificate dependent)	Wind resistance EN12424. Class 2-5
Applications	Workshops, production lines, vehicle storage and distribution hubs	Workshops, showrooms, spray booths, car washes, warehouses and emergency services