



Industrial & Commercial



Industrial & security bollards
Cantilever, track, swing, bi-fold & boom gates
Bicycle parking & parking space protectors

Securapost® *Securagate* *Securabike*® *Securapark*® *Securacare*

The Leda Advantage

Leda has long been recognised as Australia's leading manufacturer of Perimeter Security Products. Many have been used to protect icons such as the Sydney Opera House and the Sydney Harbour Bridge as well as other high profile buildings, shopping centres, defence sites and government utilities. Leda has also supplied high security gates, turnstiles and bollard systems to protect Australia's embassies and missions throughout the world.

While security is always a major issue, growing Occupational Health and Safety (OH&S) regulations are placing the onus on owners and managers to restrict access to all or part of their sites and complexes. Leda has the products either in stand-alone or complete access control systems and is happy to assist in their incorporation into your project. Where standardised products are not available, Leda's engineers will design and engineer a customised solution.

For specification details on any of the products in this brochure please visit the comprehensive website www.l-v.com.au or contact you closest Leda sales office.



With this experience and well engineered products, Leda has turned its attention to assisting Australian industry, government utilities, hospitals and tertiary institutions install improved perimeter security and access control solutions. In addition, Leda is assisting industry associations such as the Facilities Management Association (FMA) and the Institute of Strata Title Management with the properties they manage.

Contents

Bollards	Removable	Fixed	Retractable	Base Plate	Card Reader	p3
Gates	Cantilever	Track Sliding	Swing	Bi Fold		p4-5
Fencing	Premier	Modular	Palisade	Securamesh		p6
Turnstiles	Full Ht Steel	Full Ht Polycarbonate	Half Height			p6
Bicycle Security	Bicycle Rail	Bicycle Racks	Bicycle Lockers			p6
Parking Protection	Securapark®					p6
Boom Gates	Automatic	Manual	Manual Swing	Sliding		p7

Bollards

Securapost® Bollards can provide a myriad of security and access control services on any site from delineating access, preventing vehicle ingress to protecting valuable plant and equipment.

Leda manufactures the largest range of bollards in Australia, and while the most popular-used models are displayed here, please refer to the website www.l-v.com.au for details, specifications and footing designs for the full range of security and architectural bollards.

Locking & Removable Bollards

Product Code	Material / Finish	Diameter NB* mm	Wall Thickness # mm
SP90R	Steel / Powder Coat	80	5.90
XP90R	Steel / Powder Coat	80	10.40
SP150RA	Steel / Powder Coat	150	5.40
SSP80RA	Stainless Steel	80	3.05
SSP150RA	Stainless Steel	150	3.40

Fixed Insitu Bollards

Product Code	Material / Finish	Diameter NB* mm	Wall thickness # mm
SP90F	Steel / Powder Coat	80	5.90
XP90F	Steel / Powder Coat	80	10.40
SP150F	Steel / Powder Coat	150	5.40
IRB200F	Steel / Powder Coat	200	8.20
SSP80FA	Stainless Steel	80	3.05
SSP150FA	Stainless Steel	150	3.40
SSP200FA	Stainless Steel	200	3.76

Retractable Bollards

Product Code / Operation	Material / Finish	Diameter NB* mm	Wall thickness # mm
SMRB90 Manual	Stainless Steel	80	5.49
SMRB150B Manual	Stainless Steel	150	7.11
SMRB90GS Semi-auto	Stainless Steel	80	5.49
SMRB150GS Semi-auto	Stainless Steel	150	7.11
SERB90B Auto ElecMech	Stainless Steel	80	5.49
SERB150B Auto ElecMech	Stainless Steel	150	7.11
SERB200B Auto ElecMech	Stainless Steel	200	8.18
SARBI50B Auto Pneumatic	Stainless Steel	150	7.11

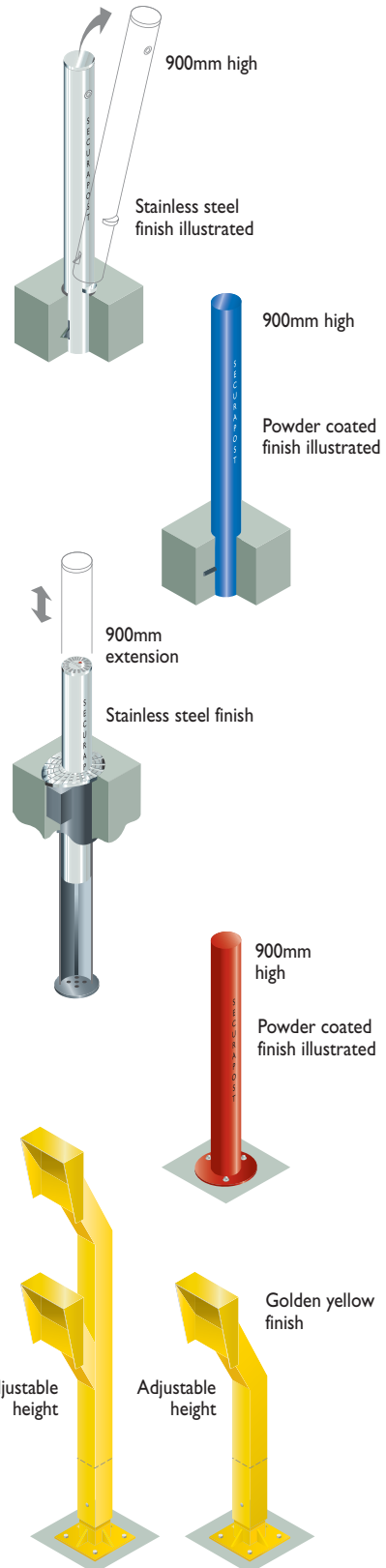
Base Plate Bollards

Product Code	Material / Finish	Diameter NB* mm	Wall Thickness # mm
IBR80B	Steel / Powder Coat	80	5.90
IBR150B	Steel / Powder Coat	150	5.40
IBR200B	Steel / Powder Coat	200	8.20
IBS150B	Steel / Powder Coat	150x150 square	5.00
SSP80B	Stainless Steel	80	3.05
SSP150B	Stainless Steel	150	3.40

* Diameters shown are nominal bore
 # Higher impact resistance can be achieved by increasing the wall thickness.
 Refer to Leda for the complete range of security bollards.

Card Reader Bollards

Product Code / Type	Material/ Finish	Adjustable Height mm	Depth mm	Upright RHS mm
CRBI1F Single Fixed	Steel / Powder Coat	795-1240	320	100 x 100
CRBI1B Single Baseplate	Steel / Powder Coat	795-1240	320	100 x 100
CRBI1DF Double Fixed	Steel / Powder Coat	795-1740	320	100 x 100
CRBI1DB Double Baseplate	Steel / Powder Coat	795-1740	320	100 x 100
CRBI1WM Wall Mounted	Steel / Powder Coat	-	230	100 x 100



Industrial Gates

Securagate Manufactured from steel RHS sections, Leda **Industrial Gates** are a strong and robust range available in cantilever, track sliding or single and double swing gates. They are available with a selection of infill options. Pedestrian gate openings, audio or strobe light warning are some of the wide range of options that allow our gates to be customised to your needs.

Cantilever Sliding Gate

Product Code	Clear Opening * m	Height m
ICL 4018	4.0	1.8
ICL 4021	4.0	2.1
ICL 5018	5.0	1.8
ICL 5021	5.0	2.1
ICL 6018	6.0	1.8
ICL 6021	6.0	2.1

Track Sliding Gate

Product Code	Clear Opening * m	Height m
ITS 4018	4.0	1.8
ITS 4021	4.0	2.1
ITS 5018	5.0	1.8
ITS 5021	5.0	2.1
ITS 6018	6.0	1.8
ITS 6021	6.0	2.1

For larger openings up to 10 metres, please refer to our high security heavy duty gates.

Single Swing Gate

Product Code	Clear Opening * m	Height m
ISS 3018	3.0	1.8
ISS 3021	3.0	2.1
ISS 4518	4.5	1.8
ISS 4521	4.5	2.1

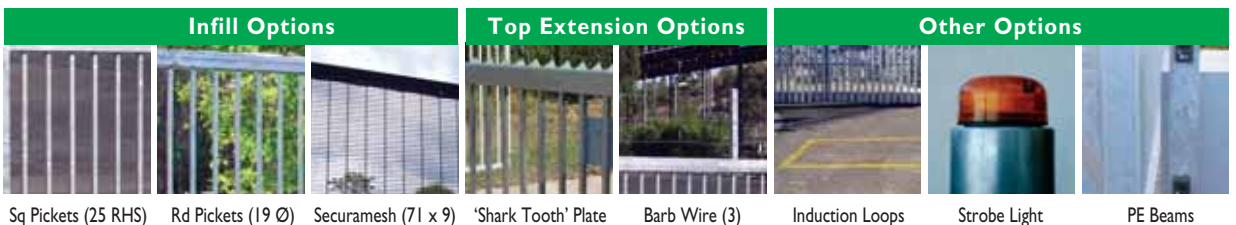
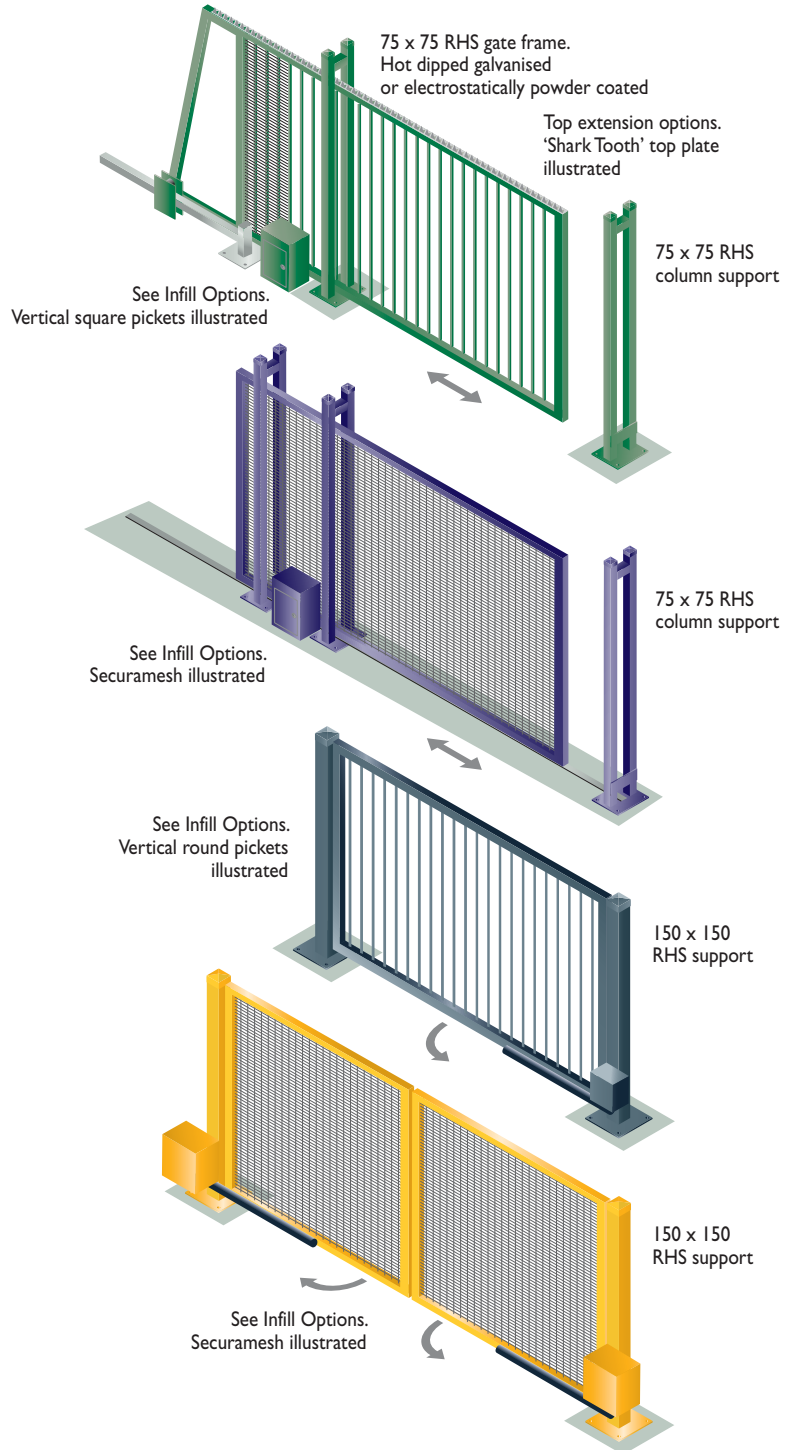
Double Swing Gate

Product Code	Clear Opening * m	Height m
ISD 6018	6.0	1.8
ISD 6021	6.0	2.1
ISD 9018	9.0	1.8
ISD 9021	9.0	2.1

* Clear Opening refers to the width of the passage in which the gate assembly is manufactured to suit.

Drive Motors

A choice of different capacity electric motors is available to suit the type of application and gate speed requirements.



Industrial Gates

Modular / Bi-fold



A **Modular Range** of gate designs that provides secure, efficient and cost effective access control for a wide variety of sites. Leda gates in the light duty range are also available with a selection of infills and other add-ons like audio or strobe light warning.

Modular Range

Modular Cantilever Sliding Gate

Product Code	Clear Opening * m	Height m
MCL3021	3.0	2.1
MCL4521	4.5	2.1
MCL6021	6.0	2.1

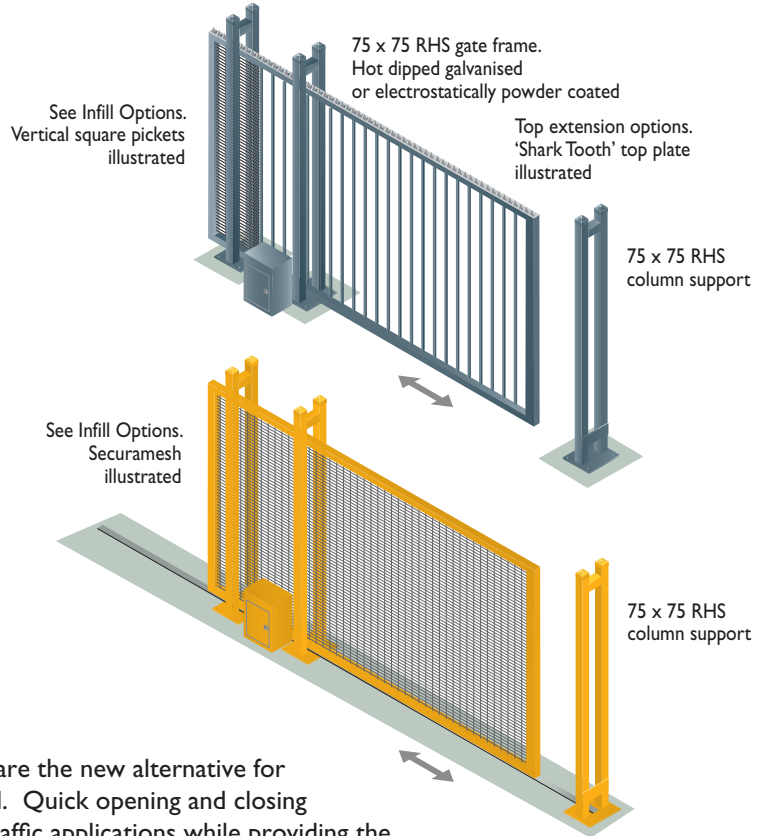
Modular Track Sliding Gate

Product Code	Clear Opening * m	Height m
MTS3021	3.0	2.1
MTS4521	4.5	2.1
MTS6021	6.0	2.1

* Clear Opening refers to the width of the passage in which the gate assembly is manufactured to suit.

Drive Motors

A choice of different capacity electric motors is available to suit the type of application and gate speed requirements.



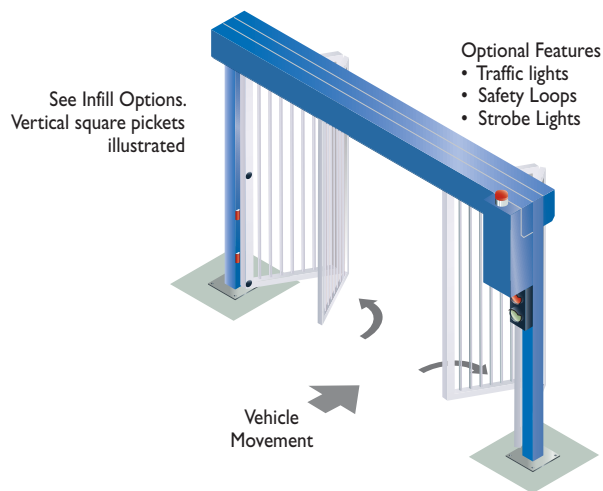
Leda **Bi-fold Gates** are the new alternative for secure access control. Quick opening and closing speeds allow the gates to operate in high-traffic applications while providing the security of a perimeter gate. Relatively new to Australia, these new access control gates can be tailored to suit various widths and heights. They are designed to meet all relevant OH&S requirements and are fitted with photoelectric (PE) beams and safety buffers. They can be controlled by all major access control systems.

Bi-fold Single Lane Gate

Product Code	Clear Opening * m	Height m
BSL30	3.0	variable
BSL45	4.5	variable

* Clear Opening refers to the width of the passage in which the gate assembly is manufactured to suit.

- Automatic quick opening and closing speeds allow Automatic Bi-fold Gates to be used in high traffic locations unlike sliding and cantilever gates.
- Drive motors and electronic controllers are located in the overhead drive system.
- Various height and width options.
- Horizontal and vertical safety buffers.



Infill Options



Sq Pickets (25 RHS) Rd Pickets (19 Ø) Securamesh (71 x 9)

Top Extension Options



'Shark Tooth' Plate Barb Wire (3)

Other Options



Traffic Lights Strobe Light PE Beams

Fencing / Turnstiles

Bicycle / Parking Products

Leda manufactures a wide variety of **Fencing** that can be integrated with the group's other access control products, such as gates and turnstiles. Fencing provides an important physical barrier and deterrent.

Premier Fencing

Product Code	Panel Length > mm	Height mm	Infill Material
FP2718	2715	1800	25 x 25 RHS Pickets
FP2721	2715	2100	25 x 25 RHS Pickets
FP2724	2715	2400	25 x 25 RHS Pickets

Industrial Modular Fencing

Product Code	Panel Length > mm	Height mm	Infill Material
FM2718	2715	1800	Ø19 ERW Pickets
FM2721	2715	2100	Ø19 ERW Pickets

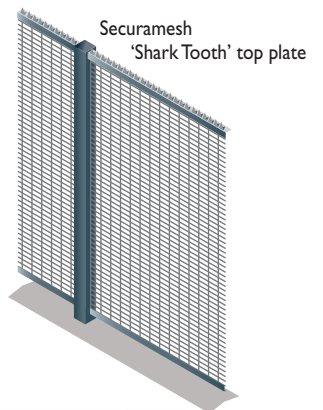
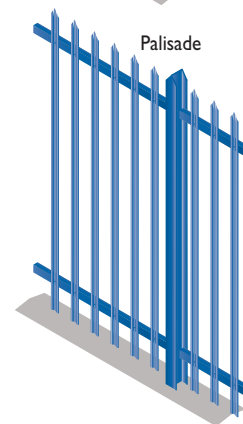
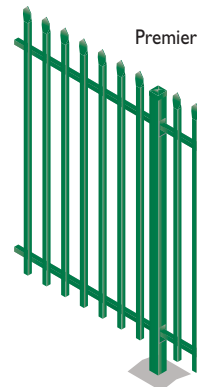
Palisade Fencing

Product Code	Panel Length > mm	Height mm	Infill Material
FPA2724	2725	2400	71 x 3 W Pickets

Securamesh (Anti-climb) Fencing

Product Code	Panel Length > mm	Height mm	Infill Material
FSM2421	2450	2100	Ø4 Gal Wire (71 x 9)
FSM2424	2450	2400	Ø4 Gal Wire (71 x 9)

> Panel length is measured post centre to post centre.

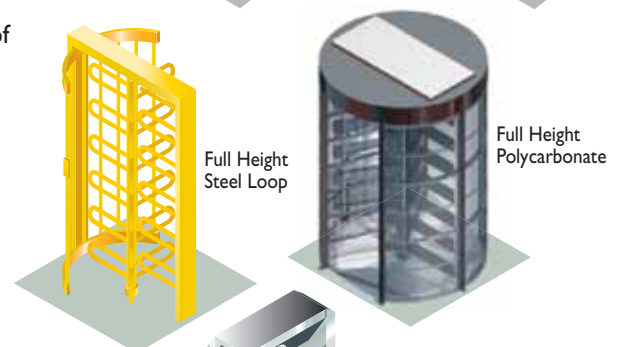


Leda offers full and half height **Turnstiles** with a range of operating options designed to provide directional and orderly flow of pedestrians for various applications across different security levels.

Turnstiles

Product Code	Clear Opening * mm	Height mm	Type
TFL1	1620	2244	Full height steel loop
TFB1	1620	2244	Full height bar
STF2R	1620	2331	Full height polycarbonate
TH1	800	1025	Half height

* Clear Opening refers to the width of the passage in which the turnstile assembly is manufactured to suit.



Leda also has an extensive range of **Rails, Racks & Lockers** for both outside and under cover bicycle security, as well as highly-visible **Parking Space Protectors** in manual or automatic models.

Securabike® Bicycle Parking

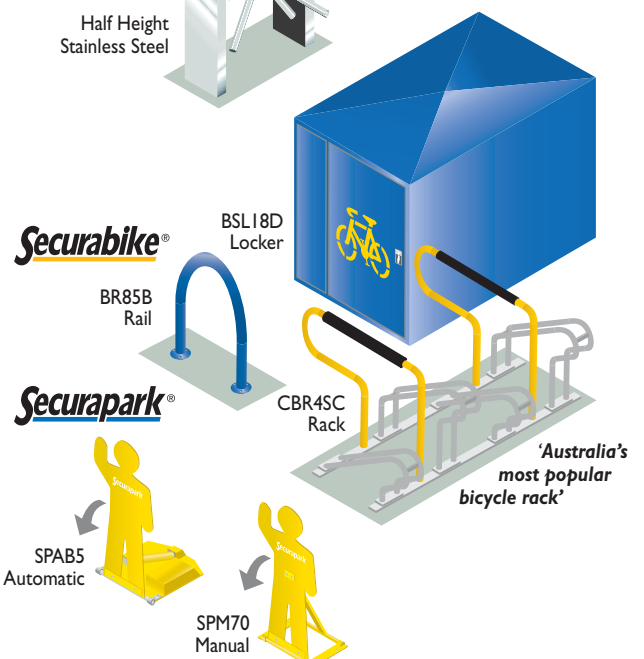
Product Code / Type	No. Bicycles	Material	S/Steel Option
BR11B / F Rail	2	Galvanised Steel	Yes
BR85B / F Rail	2	Galvanised Steel	Yes
CBR4SC Rack	4	Galvanised Steel	No
SCBR148 Rack	8	Galvanised Steel	Yes
BSL18D Locker	2	Galvanised Steel	No

Securapark® Parking Space Protectors

Product Code / Type	Material	Height
SPM70 Manual	PVC † / yellow powder coat steel base	800mm
SPAB5 Automatic	PVC † / yellow powder coat steel base	800mm

† Mild steel Securaman option available.

• Automatic models battery powered, (12V). Hard wired to mains power optional.



Boom Gates

Leda has **Boom Gate** models to cater for low volume to continual traffic flow (100% duty cycle). The boom gates can be integrated to virtually any access control system operating on the building or site.

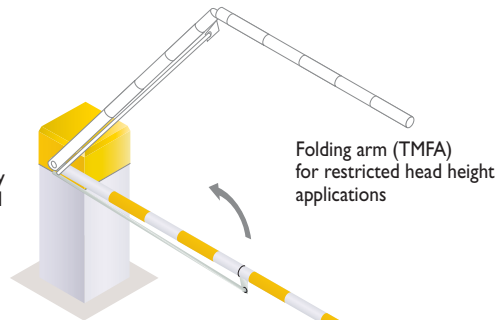
Automatic Boom Gate

Product Code / Type	Clear Opening* m	Boom Height m	Duty Cycle
TMH	1.0 - 6.0	1.0	Continuous
TML	1.0 - 6.0	1.0	Low Volume
TMFA Folding Arm	3.0 - 4.5	1.0	-

* Clear Opening refers to the width of the passage in which the boom gate assembly is manufactured to suit. Other models up to 8.5m clear opening available.

Materials

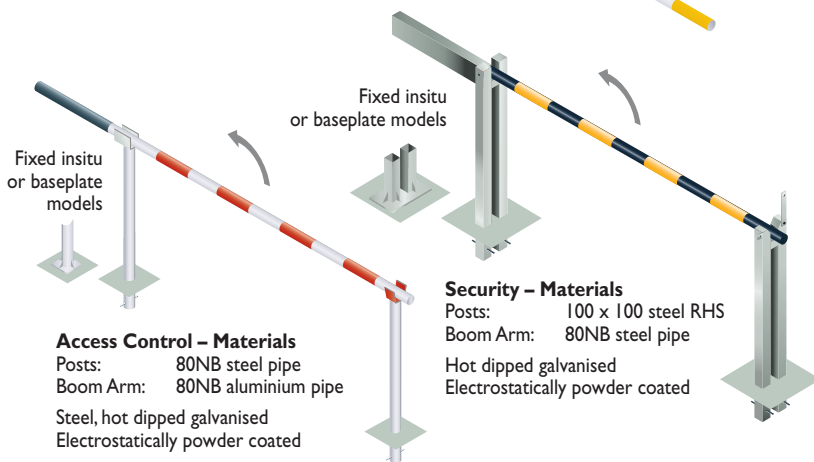
Cabinet: 3mm gal steel electrostatically powder coated
 Boom Arm: Aluminium



Manual Boom Gate

Product Code / Model	Clear Opening* m	Boom Height m
MBGF Access Control	3.0	1.15
MBGB Access Control	3.0	1.15
MBGSF Security	3.0	1.15
MBGSB Security	3.0	1.15

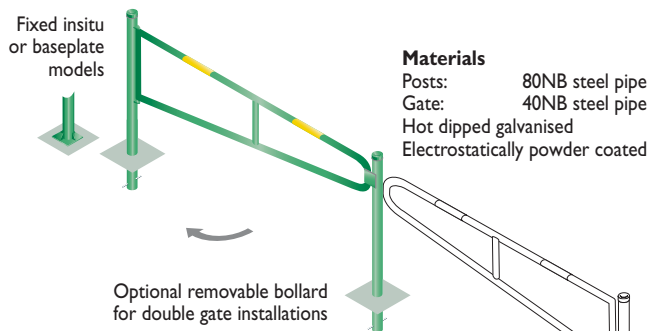
* Clear Opening refers to the width of the passage in which the boom gate assembly is manufactured to suit.



Manual Swing Gate

Product Code / Model	Clear Opening* m	Gate Height m
MSGF Single Gate	3.0 - 4.5	0.95
DSGF Double Gate	6.0	0.95

* Clear Opening refers to the width of the passage in which the boom gate assembly is manufactured to suit.

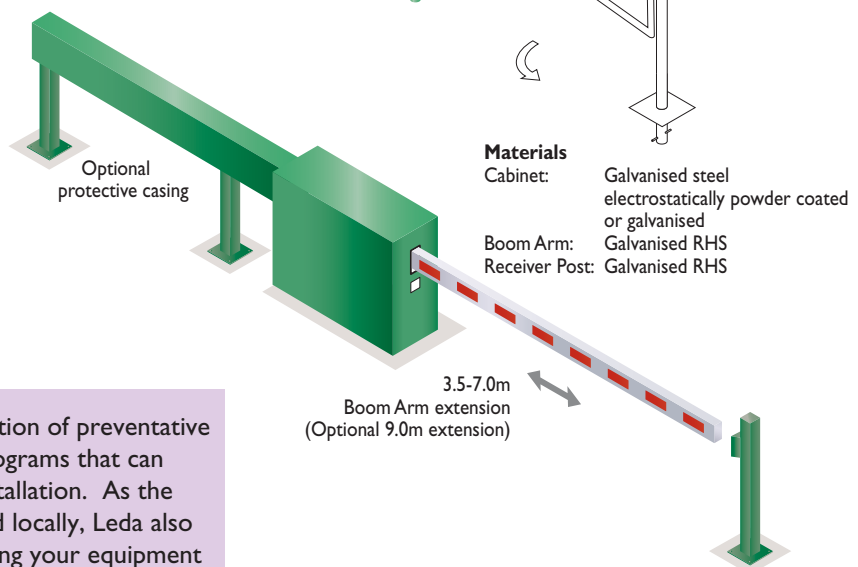


Automatic Sliding Boom Gate

Product Code / Operation	Clear Opening* m	Boom Height m
TMSBA4 Single Lane	3.5	1.3
TMSBA8 Double Lane	7.0	1.3

Drive Motor 0.37kW single phase motor & gear box

* Clear Opening refers to the width of the passage in which the boom gate assembly is manufactured to suit.



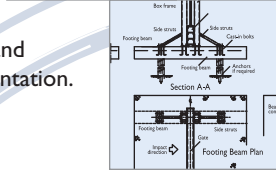
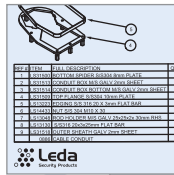
Securacare

Leda has a selection of preventative maintenance programs that can be tailored to your equipment and installation. As the majority of products are manufactured locally, Leda also has spare parts readily available ensuring your equipment is kept operational at all times.

Specification to Commissioning

Specification

At the early stages of any project, Leda can provide advice and engineering documentation.



Design

Products are 3D modelled, and drawn for installation when required. Products can also be customised to suit particular projects.



Securacare Service

Service is a critical component to the long-term operations of all Leda equipment. Preventative maintenance programs are available to ensure all products perform continuously and efficiently.



Installation

Having Leda install ensures that there are no excuses for poor commissioning.



Leda manufactures what is sold – unique in the security industry for many products.

Manufacturing

Leda has extensive manufacturing facilities using Manufacturing Resource Planning – an effective QA system.



Leda is Australia's leading specialist in perimeter security and traffic control systems; offering a complete range of integrated perimeter security solutions.

The Group provides total project management – from initial security audits to combining design, engineering and manufacturing through to installation, civil and electrical specification, backed-up by comprehensive customer service programs.

Ongoing research and development – including physical testing programs – provide the expertise

to supply clients with the technical advice needed to select appropriate products and equipment for protecting and securing their assets.

The products have been designed to operate as 'stand alone' units or as part of an integrated perimeter security system tailored to a project's unique specifications.

This practice of approaching perimeter security in a holistic manner and a policy of constant improvement has made Leda the perimeter security solution provider of choice Australia-wide.

For further information on Leda products refer to specific publication or visit www.l-v.com.au



www.l-v.com.au

email lvsales@l-v.com.au

phone 1300 780 450

Head Office & Manufacturing
18 Reliance Drive
Tuggerah NSW 2259
PO Box 5196
Chittaway Bay NSW 2261
Australia
Phone: +61 2 4353 3377
Fax: +61 2 4353 2255
NSW Master Security Lic. 408912583

NSW Sales
Unit 8/185 Briens Rd
Northmead NSW 2152
PO Box 128
Wentworthville NSW 2145
Phone: 02 8006 5600
Fax: 02 8006 5699

VIC Sales
2/89 Enterprise Way
Sunshine West 3020
PO Box 1091
Sunshine West VIC 3020
Phone: 03 8669 0330
Fax: 03 8669 0359

QLD Sales
Unit 2 / 387 Lytton Rd
Morningside QLD 4170
PO Box 186
Morningside QLD 4170
Phone: 07 3399 5633
Fax: 07 3399 5688

SA Sales
Unit 1/5 Tooronga Ave
Edwarstown SA 5042
Phone: 08 8374 3266
Fax: 08 8374 3299

Distributed by ▼

Leda-Vannacil Pty Ltd ABN 23 067 258 235
Australasian distributors and resellers in Western Australia, Northern Territory, north Queensland, Tasmania and New Zealand. International distributors in Europe, the Middle East, Asia and North America.