

Product Range > Gates > Track

☎ 1300 780 450

Track sliding gates are the most popular type of automated gates for industrial and commercial installations. Generally, they require less operating space than cantilever gates, and can be of lighter construction. They also have the added advantage of being able to accommodate very large clear openings particular when designed as a bi-parting or bi-slide operation.
> Refer p29 for details.

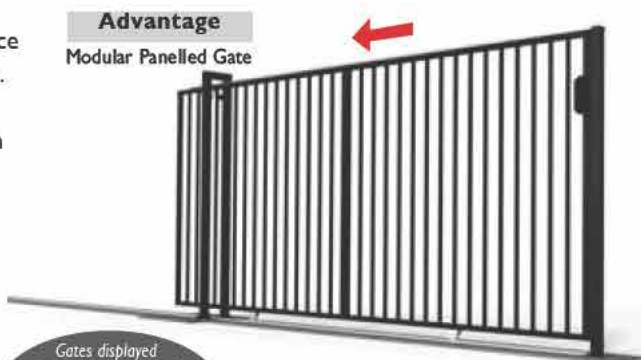
There are five track gate types, each providing options to make gate selection an easy task. Steel sections (RHS) used during manufacture increase in size and wall thickness through the gate types to provide different levels of security.

Advantage	<input type="checkbox"/>
Industrial	<input type="checkbox"/>
Security	<input type="checkbox"/>
High Security	<input type="checkbox"/>
Anti-terrorist*	<input type="checkbox"/>

There is also a choice of drive motors / gear boxes catering for low and high operational requirements.
> Refer p81 for details.

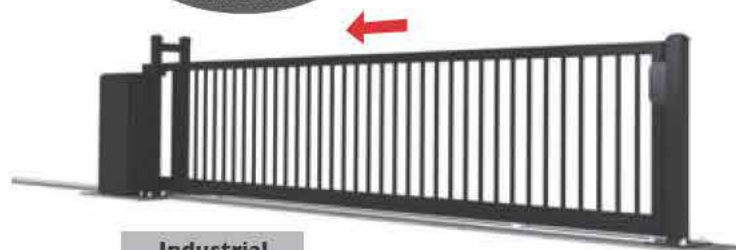
Tracks are normally surface mounted but can be mounted overhead depending upon the application.

Advantage
Modular Panelled Gate

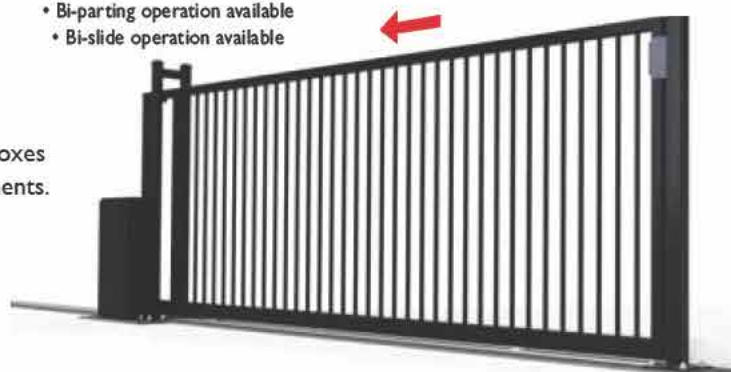


Gates displayed are shown left hand opening, viewed from the secure side. Right hand opening gates are also available.

Industrial



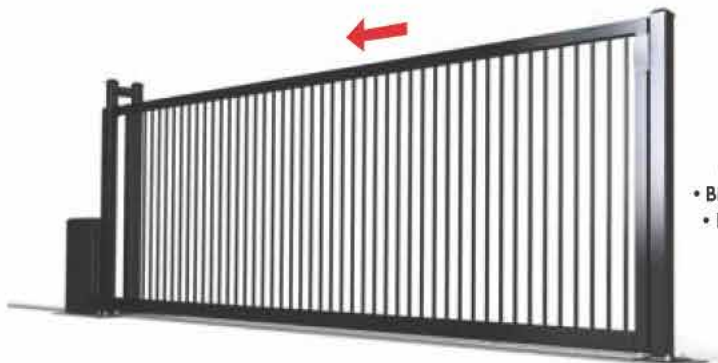
- Raked models available
- Bi-parting operation available
- Bi-slide operation available



Duty Level		Code	Width Range	Height Range	Gate Infill *	Gate Top Extension *
Advantage <input type="checkbox"/>	Modular	AMTS	2 panels 3.0-4.0m 3 panels 4.1-6.0m	2.1m only	RHS Pickets only	TH only
	Standard	ATS	3.0m-6.0m 1.0m increments †	1.8m / 2.1m only	RHS Pickets only	TC / TF / TH
Industrial <input type="checkbox"/>	Half Height	ITSH	3.0m-7.0m 1.0m increments †	1.0m / 1.2m only	Full Range	TC / TF
	Full Height	ITS	3.0m-7.0m 1.0m increments †	1.8m-2.7m 0.3m increments †	Full Range	Full Range
		'Redfern' RTS	3.0m-6.0m 1.0m increments †	1.8m / 2.1m only	Flat Bars	Flat Bars
Security <input type="checkbox"/>		TMS	5.0m-15.0m ∞ 1.0m increments †	1.8m-3.0m 0.3m increments †	Full Range	Full Range
High Security <input type="checkbox"/>		TMSH	3.0m-8.0m 1.0m increments †	1.8m-3.6m 0.3m increments †	Full Range	Full Range
		TMSH3	3.0m-8.0m 1.0m increments †	2.5m only	Full Range	Full Range
Anti-terrorist *		ARSG45	4.5m	0.85m only	n/a	n/a
		CGT	3.0m-5.0m 0.5m increments †	2.1m / 2.4m only	Full Range	Full Range

* Refer p19 for details. † Increments available within width and height range. ∞ Gate widths up to 20 metres are possible, contact your Leda sales office.

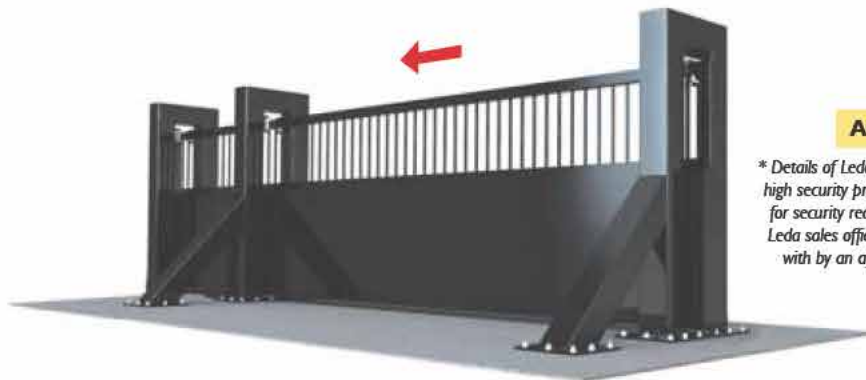
1300 780 450

Full specification details for Leda gates can be downloaded as a PDF document: www.ledasecurity.com.au/gates > (gate type) > specification**Security**

- Raked models available
- Bi-parting operation available
- Bi-slide operation available

**High Security**

- Bi-parting operation available

**Anti-terrorist***

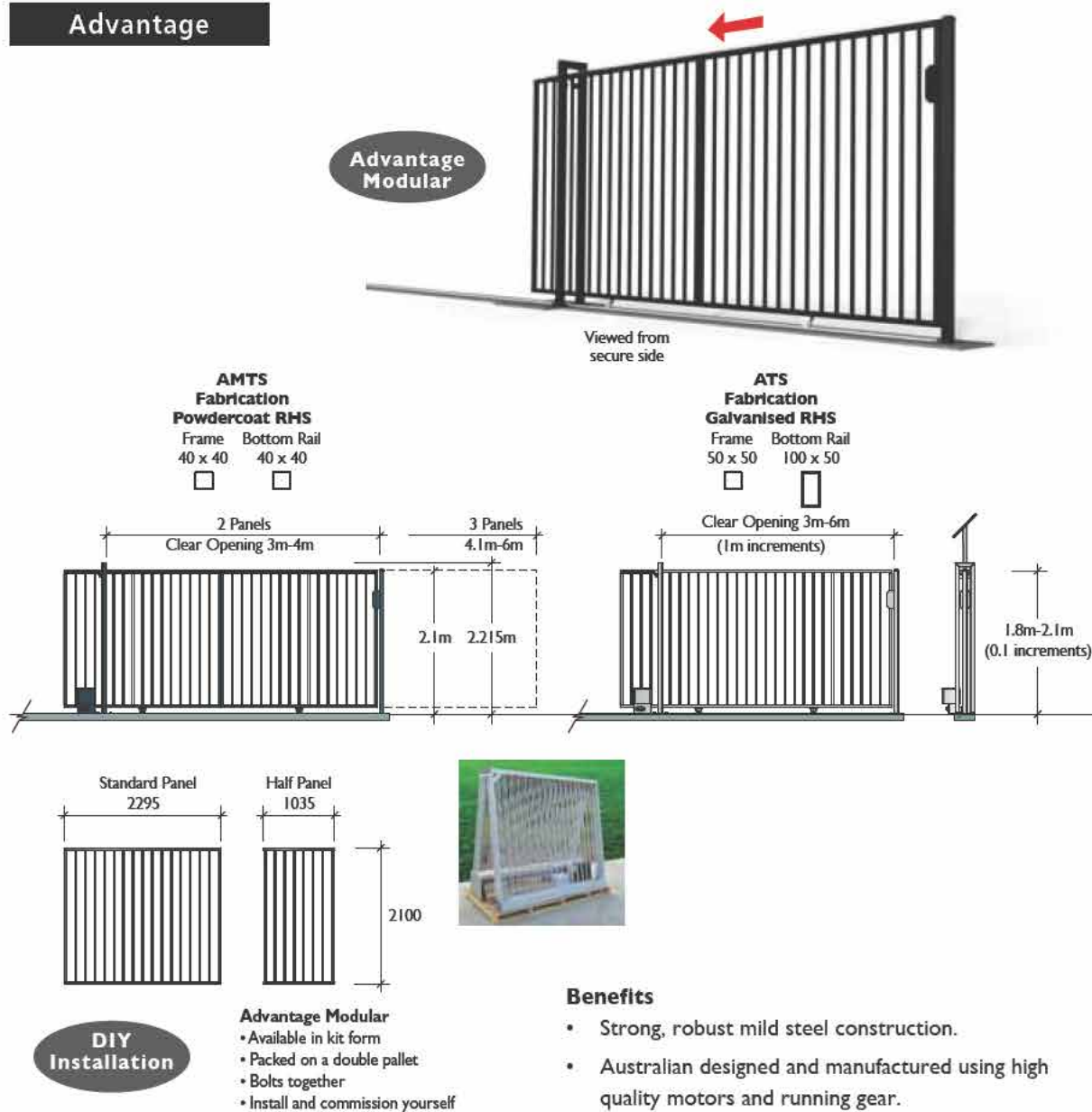
* Details of Leda anti-terrorist gates and other Leda high security products are not detailed or specified for security reasons. Please contact your nearest Leda sales office where your enquiry will be dealt with by an appropriately qualified consultant.

Intro	2
Gates	14
Track	20
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Swing	40
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Boom	52
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General	82
Barriers	94
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Other	111
Pedestrian	114
Turnstiles	114
Gates & Doors	136
Fencing	142
Code Index	153

Manual Operation Available	Bi-slide Option Available	Raking Available	Hot Dip Gal	Finish Powdercoat	Wet Spray
Standard	No	No	Opt	Black only	N/a
Standard	No	No	Incl	Opt	Opt
Yes	No	Yes	Incl	Opt up to 6.0m only	Opt
Yes	Yes	Yes	Incl	Incl up to 6.0m only	Opt
Yes	No	Yes	Incl	N/a	
Yes (not recommended)	Yes	Yes	Incl	Opt up to 6.0m only	Opt
No	No	No	Incl	Opt up to 6.0m only	Opt
No	No	No	Incl	Opt up to 6.0m only	Opt
Yes	No	No	Incl	Opt	Opt
No	No	No	Incl	Opt	Opt

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Advantage



Advantage Modular Gates

Leda's Modular gates are robust, well designed and economical. They are easily transported, and easy to store and assemble.

The gates are supplied with everything that's needed to complete the installation. Even steel reinforcing for footings can be supplied pre-cut for assembly on site. A clear, simple instruction manual shows the steps required for trouble-free installation using a masonry drill and standard trade tools like spanners and screwdrivers.

Benefits

- Strong, robust mild steel construction.
- Australian designed and manufactured using high quality motors and running gear.
- Solar powered operation option.
- A range of access control systems including remote, keypad and mobile phone controls.
- Lower freight costs (fits on a double pallet).
- Reduced installation costs.
- Quick and easy to assemble.

Applications

- Industrial sites and factories
- Mining and rural sites
- Sporting fields and parks
- Power and water utilities

Track Advantage	Width Range	Height Range	Gate Infill	Top Extension
AMTS Modular	3.0m-6.0m	2.1m only	RHS Pickets only *	TH only *
ATS	3.0m-6.0m (1.0m †)	1.8m / 2.1m	RHS Pickets only *	TC / TF / TH *

† Increments available within width range. * Refer p19 for details of Gate Infills and Top Extensions.

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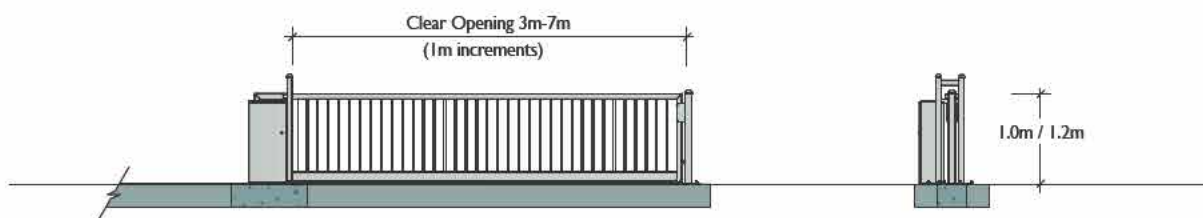
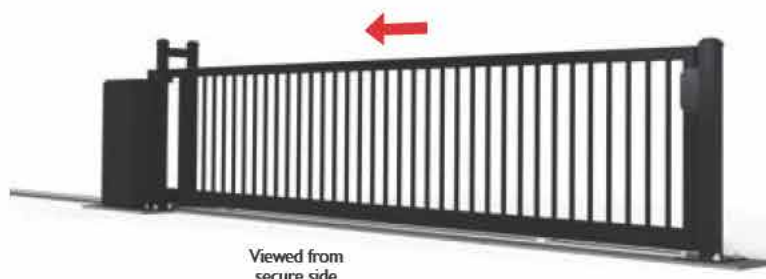
Industrial Half Height

Fabrication
Galvanised RHS

Frame
75 x 75



Bottom Rail
125 x 75



Track Industrial Half Height	Width Range	Height Range	Gate Infill	Top Extension
ITSH	3.0m-7.0m (1.0m †)	1.0m / 1.2m	Full Range *	TC / TF *

† Increments available within width range. • Refer p19 for details of Gate Infills and Top Extensions.

Industrial Full Height

Fabrication
Galvanised RHS

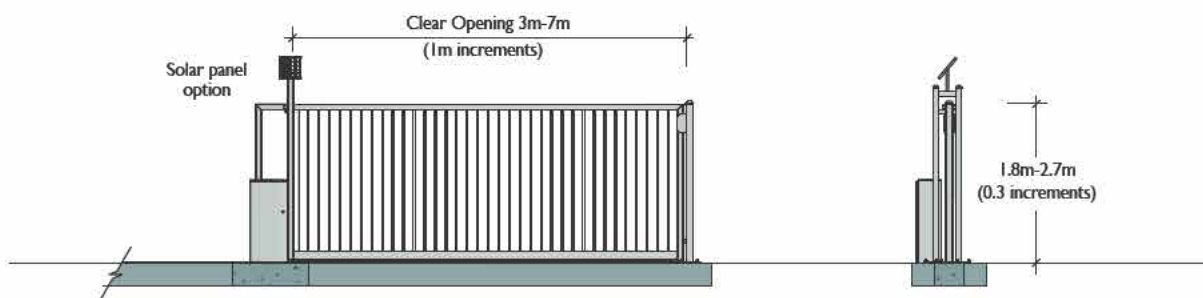
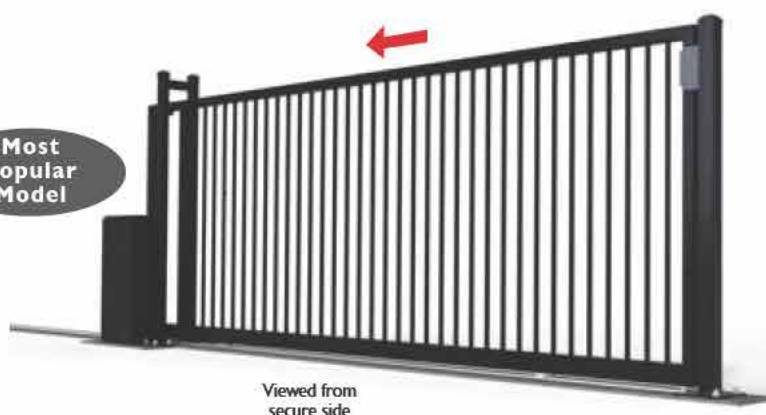
Frame
75 x 75



Bottom Rail
125 x 75



Most Popular Model



Track Industrial Full Height	Width Range	Height Range	Gate Infill	Top Extension
ITS	3.0m-7.0m (1.0m †)	1.8m-2.7m (0.3m †)	Full Range *	Full Range *

† Increments available within width and height range. • Refer p19 for details of Gate Infills and Top Extensions.

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Product Range > Gates > Track

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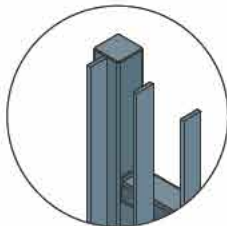
Industrial Redfern

Fabrication

Rails
75 x 75 RHS



Pickets
50 x 8 Flat Bar

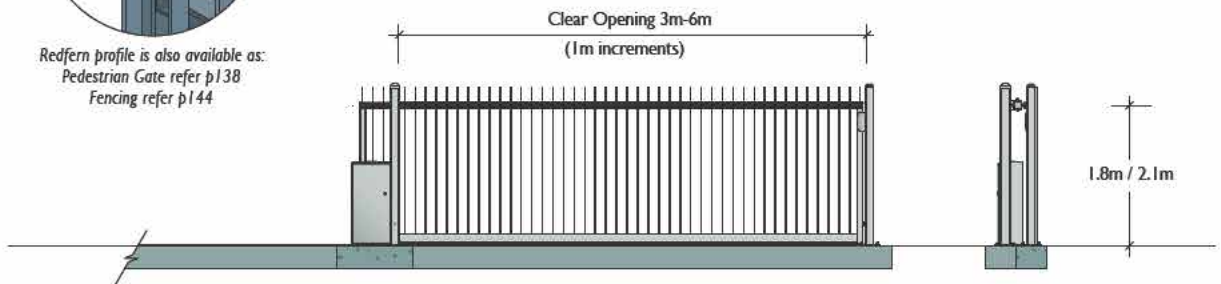


Redfern profile is also available as:
Pedestrian Gate refer p138
Fencing refer p144

Viewed from
secure side



Clear Opening 3m-6m
(1m increments)

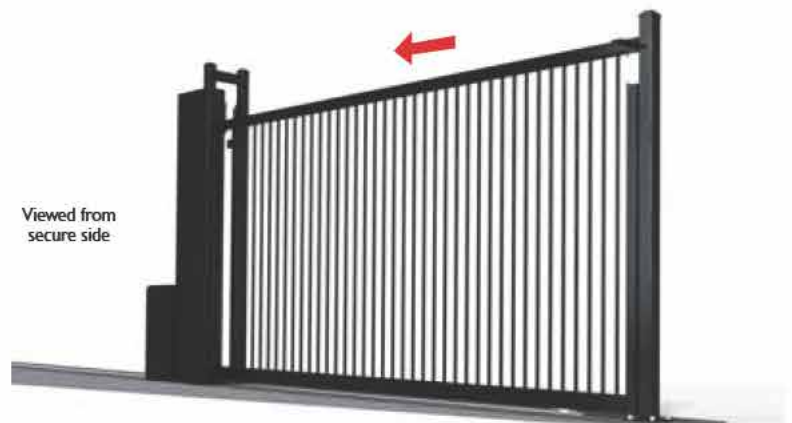


Track Industrial (Redfern)	Width Range	Height Range	Gate Infill	Top Extension	
RTS Redfern	3.0m-6.0m (1.0m †)		1.8m / 2.1m only	Flat Bars	Flat Bars

† Increments available within width range.

Raked Option

Viewed from
secure side

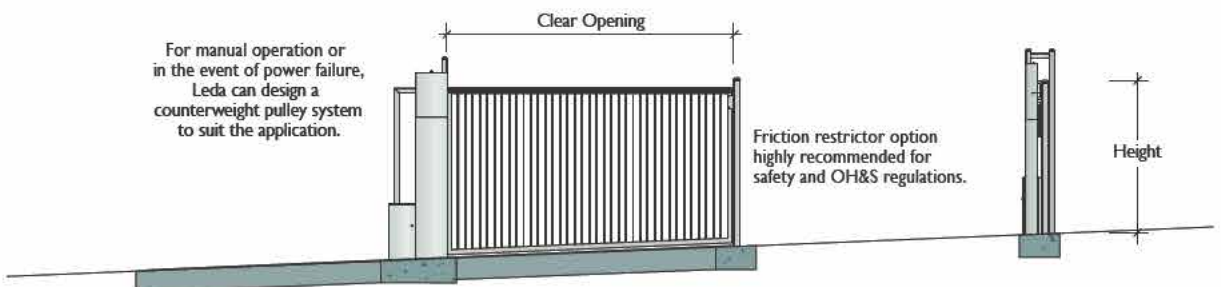


Clear Opening

For manual operation or
in the event of power failure,
Leda can design a
counterweight pulley system
to suit the application.

Friction restrictor option
highly recommended for
safety and OH&S regulations.

Height



To help overcome sloping driveway openings, track gates are available with a raked option.
Raked track gates are available for **Industrial** (ITS) and **Security** (TMS) models.

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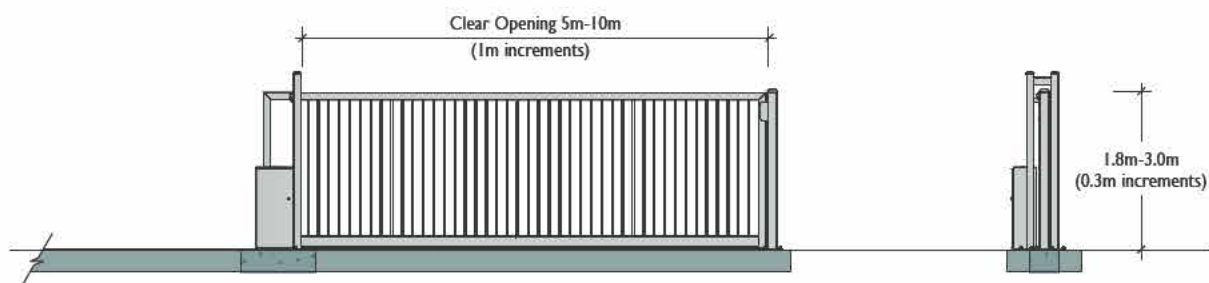
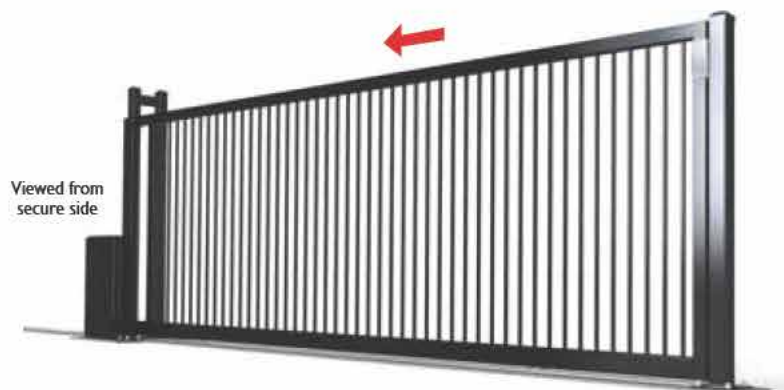
Security

Fabrication
Galvanised RHS

Frame
100 x 100



Bottom Rail
150 x 100 / 200 x 100
(dependent upon span)



Track Security	Width Range	Height Range	Gate Infill	Top Extension
TMS	5.0m-15.0m (1.0m †)	1.8m-3.0m (0.3m †)	Full Range *	Full Range *

† Increments available within width and height range. • Refer p19 for details of Gate Infills and Top Extensions.

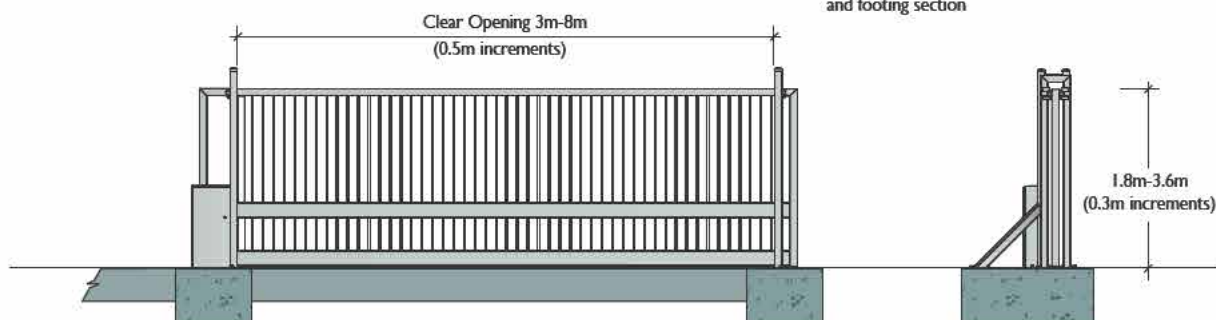
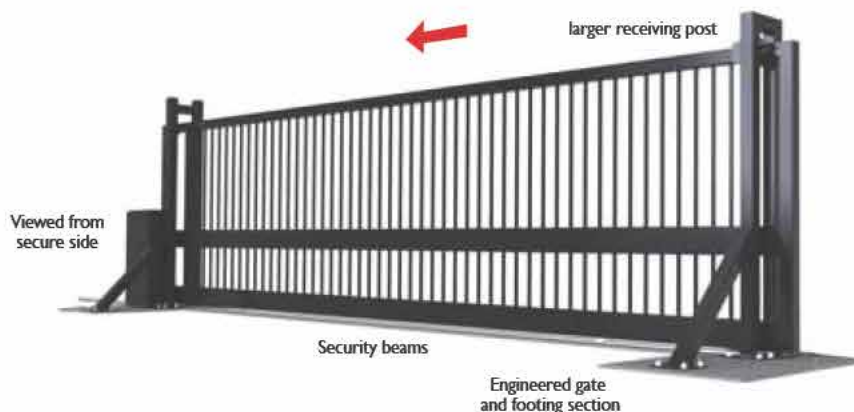
High Security

Fabrication
Galvanised RHS

Frame
100 x 100



Dual Bottom Rail
200 x 100



Track High Security	Width Range	Height Range	Gate Infill	Top Extension
TMSH	3.0m-8.0m (0.5m †)	1.8m-3.6m (0.3m †)	Full Range *	Full Range *

† Increments available within width and height range. • Refer p19 for details of Gate Infills and Top Extensions.

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Product Range > Gates > Track

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High Security

**ENGINEERED
SOLUTION**

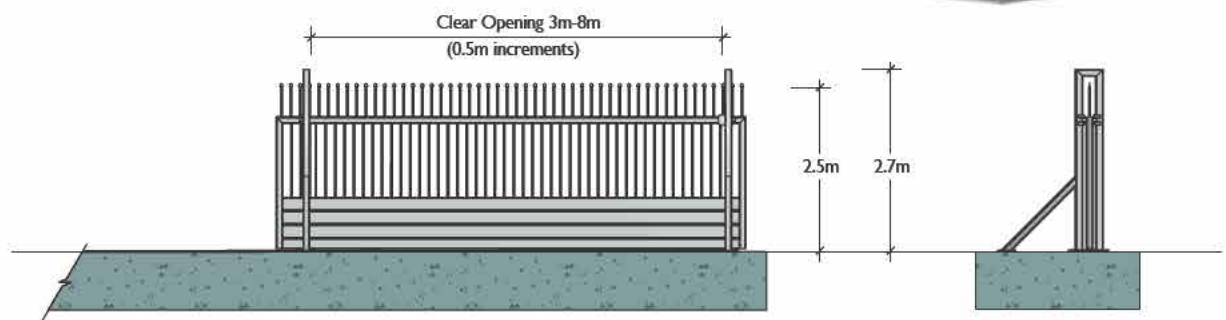
2.5 tonnes @ 40km/h

Viewed from
secure side

Details of Leda anti-terrorist gates and other Leda high security products are not displayed or specified for security reasons.

Please contact your nearest Leda sales office where your enquiry will be dealt with by an appropriately qualified Leda staff member:

3 off
200 x 100 RHS
Impact Rails



Track High Security	Width Range	Height Range	Gate Infill	Top Extension
TMSH3	3.0m-8.0m (0.5m †)	2.5m	Full Range *	Full Range *

† Increments available within width range. • Refer p19 for details of Gate Infills and Top Extensions.

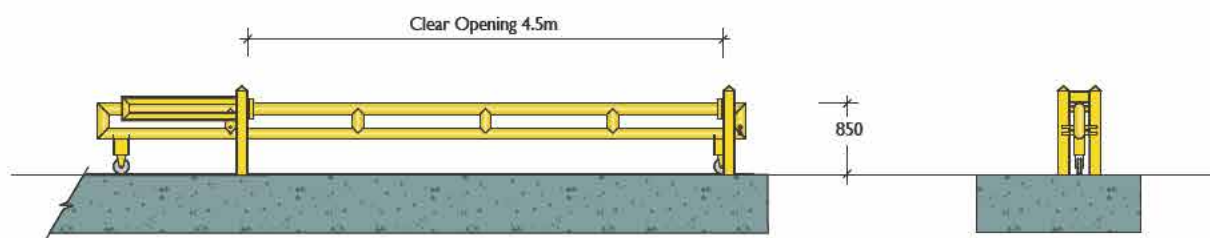
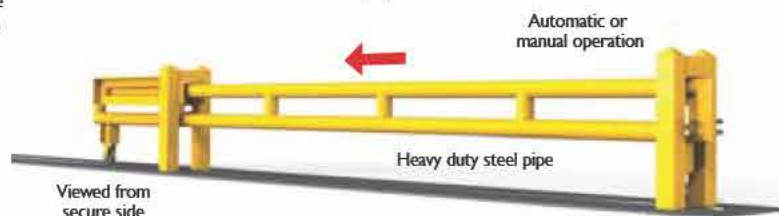


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Anti Terrorist

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Please contact your nearest Leda sales office where your enquiry will be dealt with by an appropriately qualified Leda staff member.

PAS68
TESTEDTested and Certified
V7500 (N2) 48/90

Track Anti-terrorist	Width Range	Height Range	Gate Infill	Top Extension
ARSG45	4.5m	0.85m	n/a	n/a

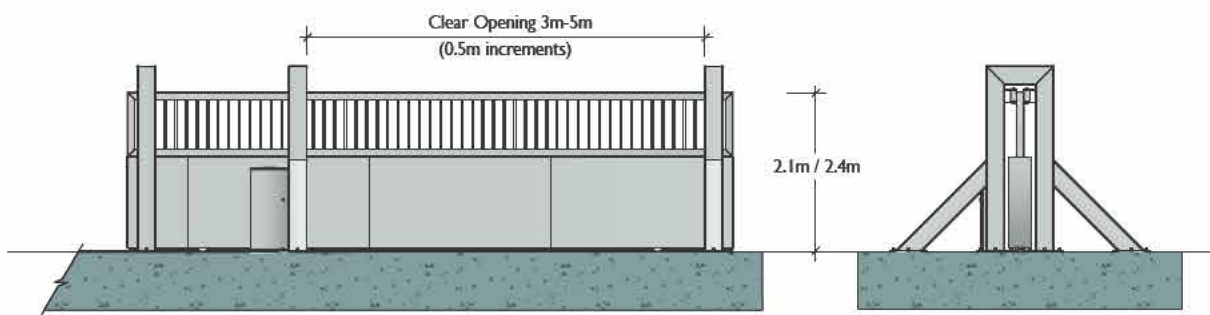
Anti Terrorist

ENGINEERED
SOLUTION

7.5 tonnes @ 80km/h

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Please contact your nearest Leda sales office where your enquiry will be dealt with by an appropriately qualified Leda staff member.



Track Anti-terrorist	Width Range	Height Range	Gate Infill	Top Extension
CGT	3.0m-5.0m (0.5m †)	2.1m / 2.4m	Full Range *	Full Range *

† Increments available within width range. • Refer p19 for details of Gate Infills and Top Extensions.

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Fencing	142
Code Index	153

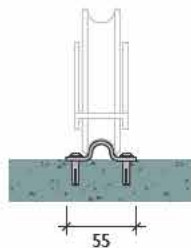
Product Range > Gates > Track > Track Options

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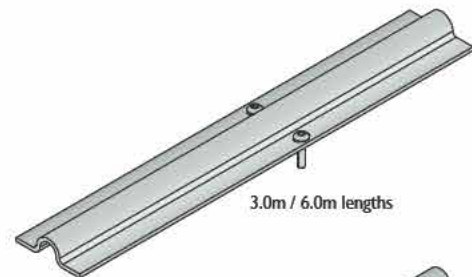
The type of track suitable for your gate selection will depend on site conditions, whether a new or retro-fit installation and the overall size and weight of the gate.

Leda can provide a number of track types that are normally available in 3.0 metre and 6.0 metre lengths as well as standard AS41 rail line for larger gates.

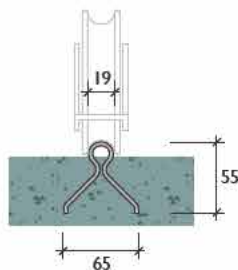
Code
SPDT55



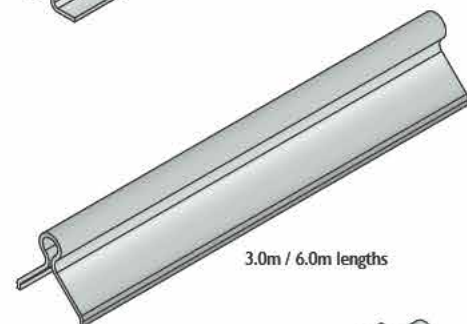
Standard Pin-down Track
Most widely used.
Galvanised finish.
Installed with masonry anchors.
Easy to retro-fit.
Lighter duty gates up to 8m wide.



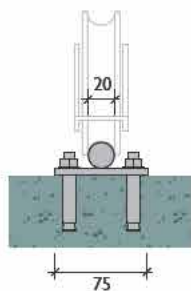
Code
SCIT60



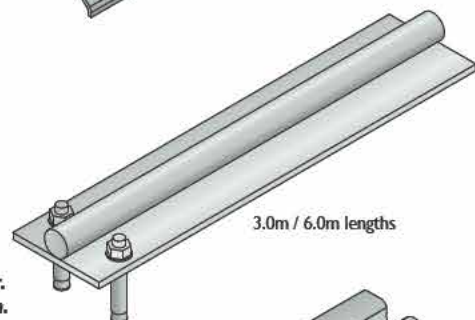
Standard Cast-in Track
Galvanised finish.
Suitable for casting-in to concrete.
Lighter duty gates.



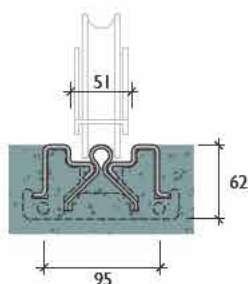
Code
HBDT



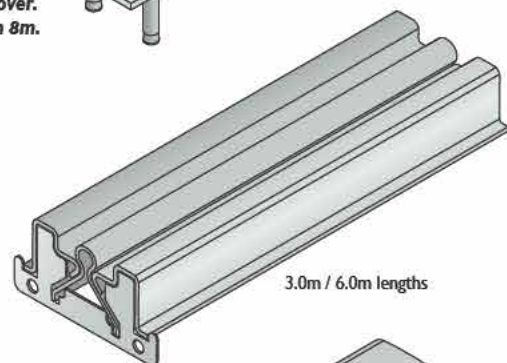
Heavy Bolt-down Track
Galvanised finish.
Installed with masonry anchors.
Easy to retro-fit.
Heavier duty gates.
Standard on all gates 8m and over.
Optional on gates smaller than 8m.



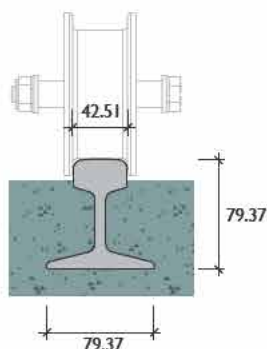
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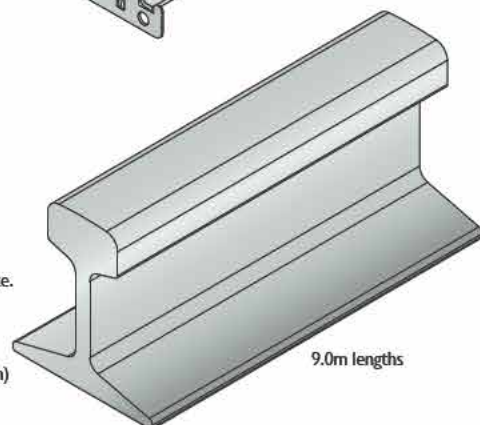
Heavy Cast-in Track
Galvanised finish.
Heavier duty gates.
Suitable for areas with forklift traffic and frequent heavy vehicle truck traffic.



Code
VHDRT



Very Heavy Duty Rail Track
(AS15 standard rail)
Suitable for casting-in to concrete.
Heavier duty security gates.
Weight: 15.2kg/m
Tensile strength: 569N/mm² (min)

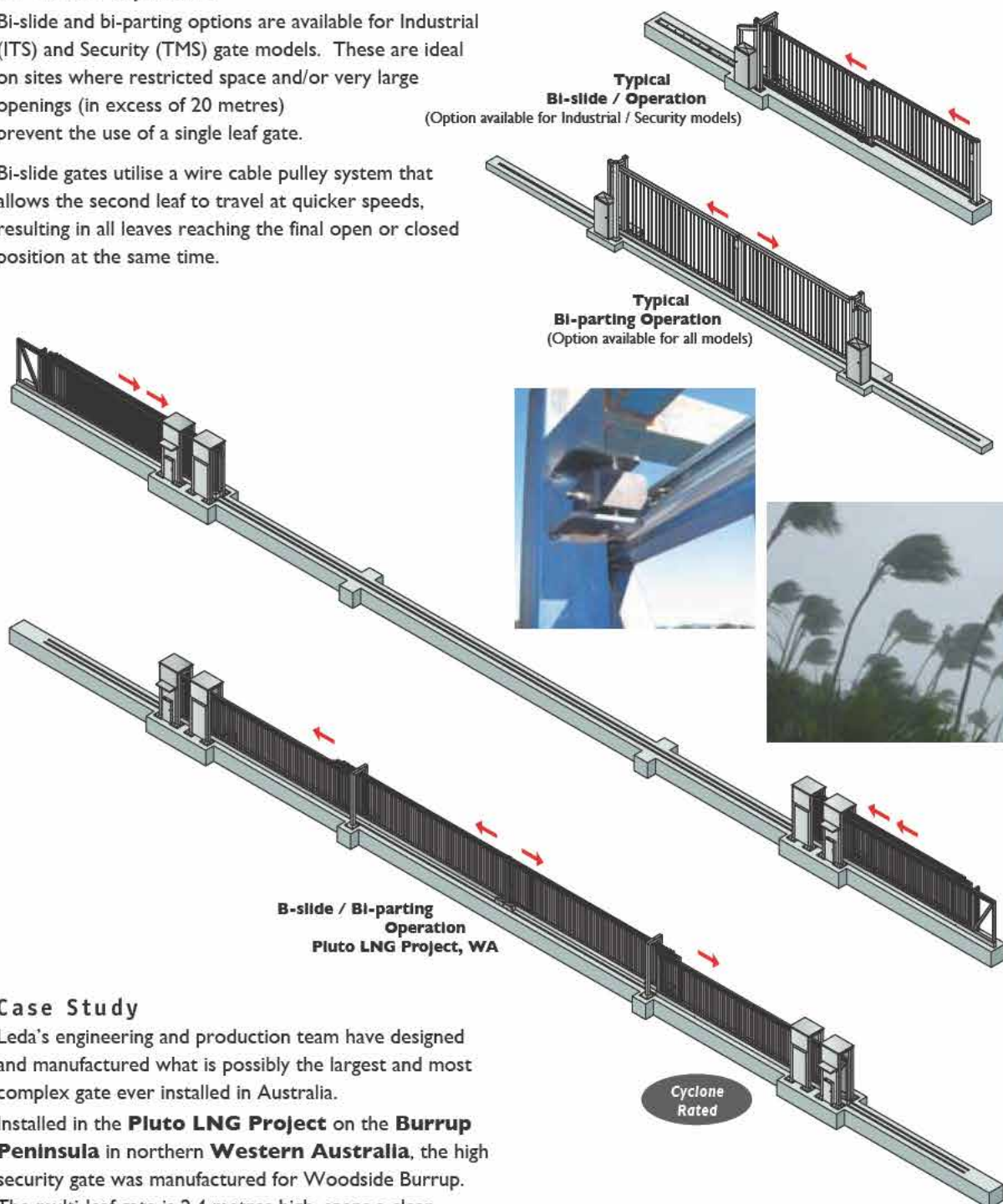


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Bi-slide Options

Bi-slide and bi-parting options are available for Industrial (ITS) and Security (TMS) gate models. These are ideal on sites where restricted space and/or very large openings (in excess of 20 metres) prevent the use of a single leaf gate.

Bi-slide gates utilise a wire cable pulley system that allows the second leaf to travel at quicker speeds, resulting in all leaves reaching the final open or closed position at the same time.

**Case Study**

Leda's engineering and production team have designed and manufactured what is possibly the largest and most complex gate ever installed in Australia.

Installed in the **Pluto LNG Project** on the **Burrup Peninsula** in northern **Western Australia**, the high security gate was manufactured for Woodside Burrup. The multi-leaf gate is 2.4 metres high, spans a clear opening of 34.5 metres and operates on AS41 railway track due to its immense size and weight.

Manufactured with four gate leaves, the complex design has carriage connections between the leaves mounted on large side bearings, allowing each leaf to follow track variations independently while maintaining the strength to meet cyclonic winds that the site could experience. Sophisticated microwave beams have been implemented for safety, with all electrics contained in stainless steel enclosures.



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