

## 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 p26-27 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.

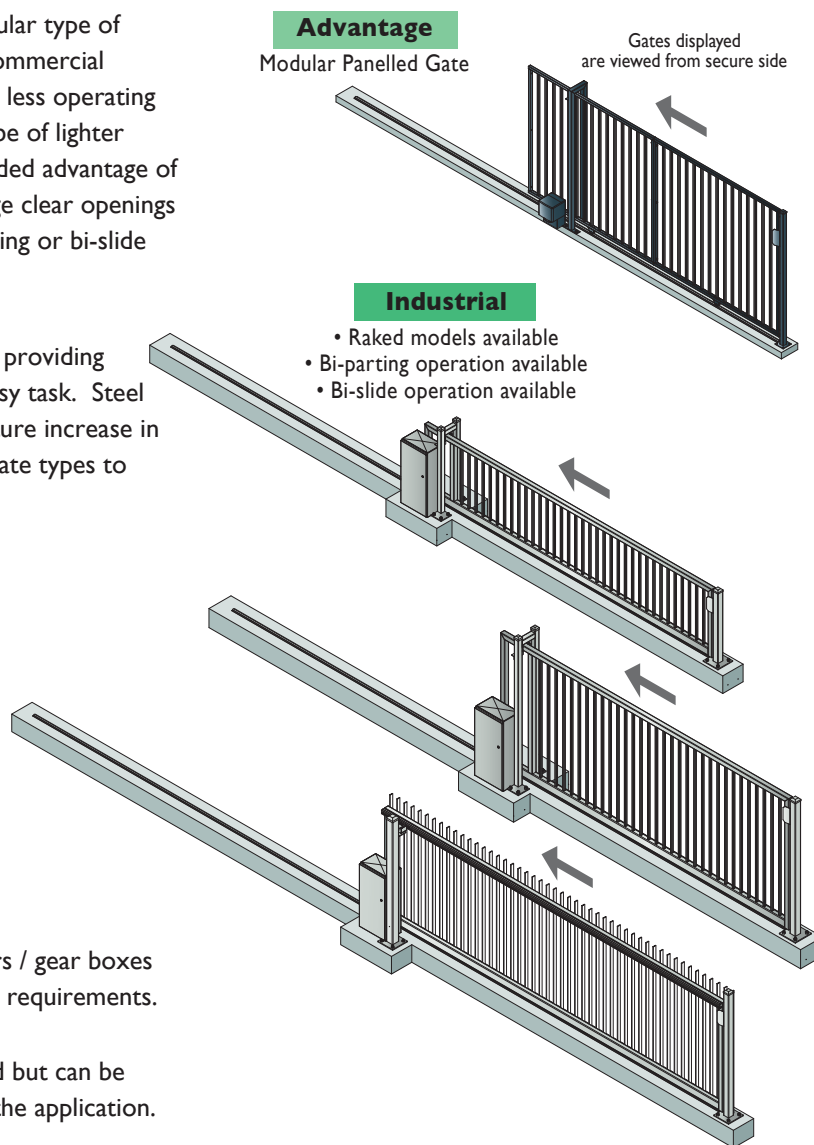
<b>Advantage</b>	<input type="checkbox"/>
<b>Industrial</b>	<input type="checkbox"/>
<b>Security</b>	<input type="checkbox"/>
<b>High Security</b>	<input type="checkbox"/>
<b>Anti-terrorist*</b>	<input type="checkbox"/>

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

> Refer p24 for details.

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

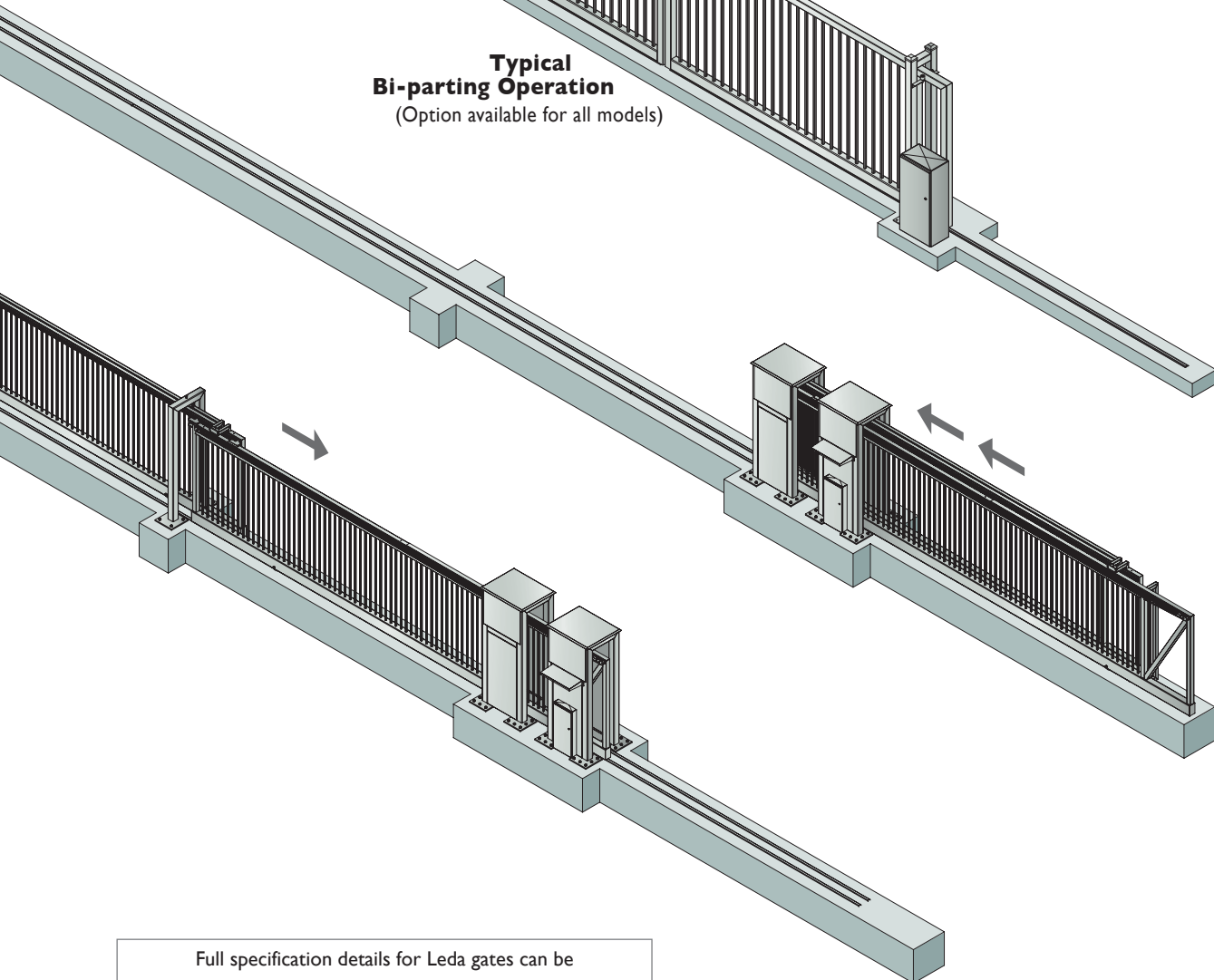
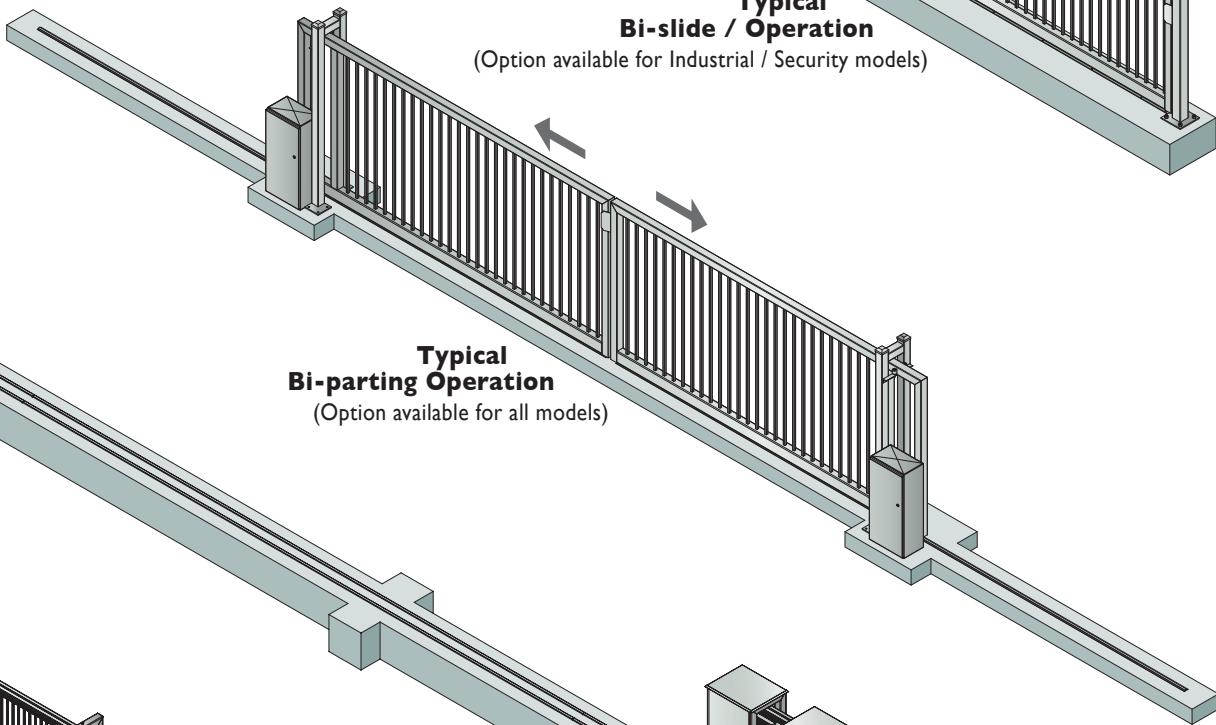
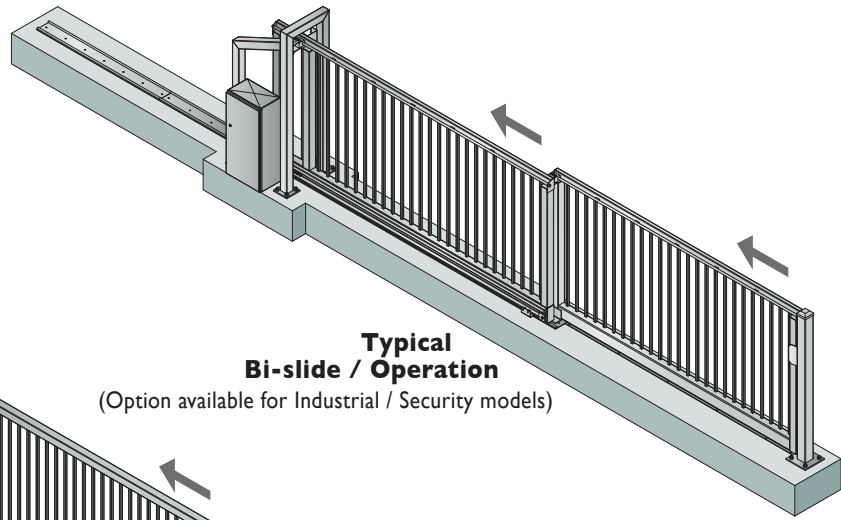
> Refer p25 for details.



Duty Level	Code	Width Range	Height Range	Gate Infill *	Gate Top Extension *
<b>Advantage</b> <input type="checkbox"/>	<b>Modular</b>	<b>AMTS</b>	2 panels 3.0-4.0m 3 panels 4.1-6.0m	RHS Pickets only	TH only
	<b>Standard</b>	<b>ATS</b>	3.0m-6.0m 1.0m increments †	RHS Pickets only	TC / TF / TH
<b>Industrial</b> <input type="checkbox"/>	<b>Half Height</b>	<b>ITSH</b>	3.0m-7.0m 1.0m increments †	Full Range	TC / TF
	<b>Full Height</b>	<b>ITS</b>	3.0m-7.0m ∞ 1.0m increments †	Full Range	Full Range
	<b>'Redfern'</b>	<b>RTS</b>	3.0m-6.0m 1.0m increments †	Flat Bars only	Flat Bars
<b>Security</b> <input type="checkbox"/>	<b>TMS</b>	5.0m-10.0m ∞ 1.0m increments †	1.8m-3.0m 0.3m increments †	Full Range	Full Range
<b>High Security</b> <input type="checkbox"/>	<b>TMSH</b>	3.0m-8.0m 1.0m increments †	1.8m-3.6m 0.3m increments †	Full Range	Full Range
<b>Anti-terrorist *</b>	<b>CGT</b>	3.0m-5.0m 0.5m increments †	2.1m / 2.4m only	Full Range	Full Range

\* Refer p17 for details. † Increments available within width and height range. ∞ Gate widths up to 20 metres are possible, contact your Leda sales office.

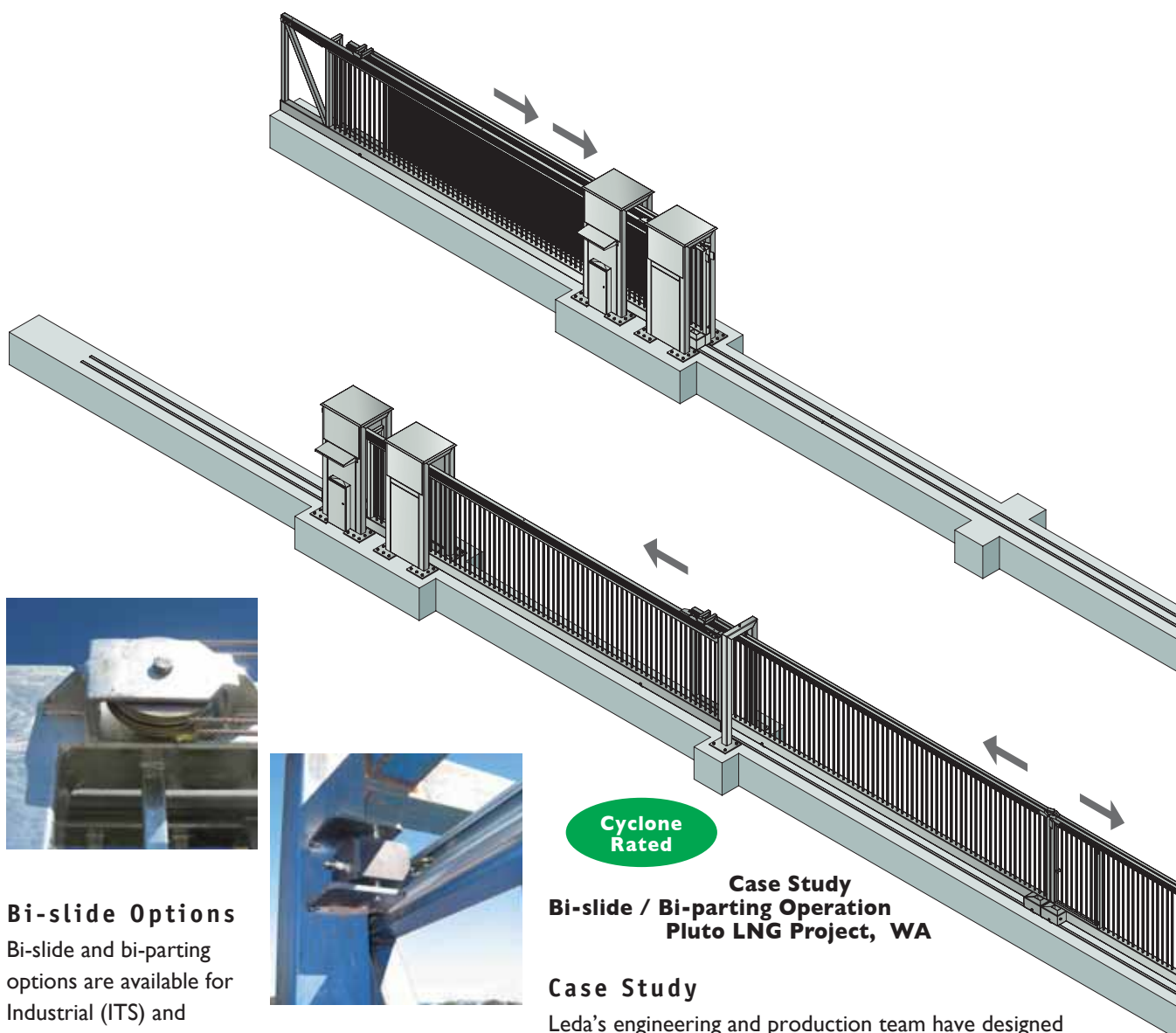
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<b>Intro</b>	<b>2</b>
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<b>Fencing</b>	<b>98</b>
<b>Code Index</b>	<b>104</b>

Full specification details for Leda gates can be downloaded from the website as a PDF document.  
[www.ledasecurity.com.au/gates](http://www.ledasecurity.com.au/gates) > (gate type) > specification

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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 Bi-slide / Bi-parting Operation Pluto LNG Project, WA

#### Case Study

Leda's engineering and production team have designed and manufactured what is possibly the largest and 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 Pty Ltd. 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 micro beams have been implemented for safety, with all electrics contained in stainless steel enclosures.

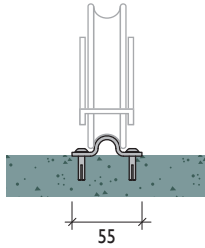
Product Range > Gates > Track Options

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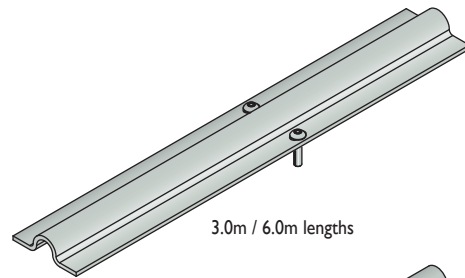
The type of track suitable for your gate selection will depend on site conditions, whether a new or retro-fit installation and the overall size and weight of the gate.

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.

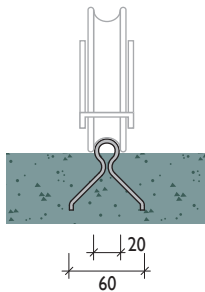
Code SPDT55



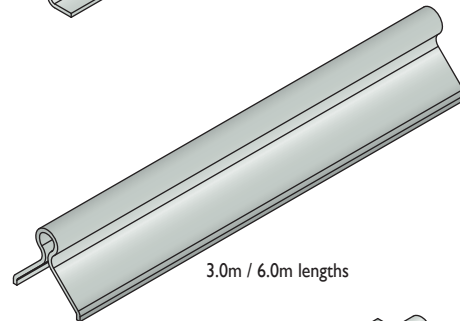
**Standard Pin-down Track**  
Most widely used.  
Galvanised finish.  
Installed with masonry anchors.  
Easy to retro-fit.  
Lighter duty gates.



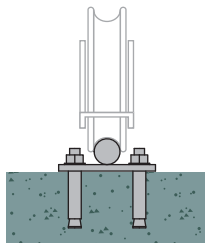
Code SCIT60



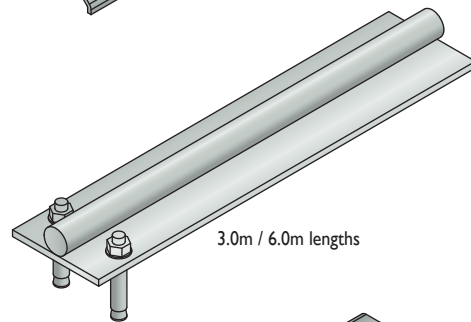
**Standard Cast-in Track**  
Galvanised finish.  
Suitable for casting-in to concrete.  
Lighter duty gates.



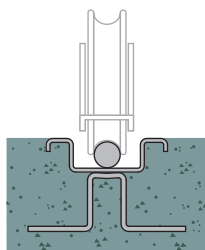
Code HBDT



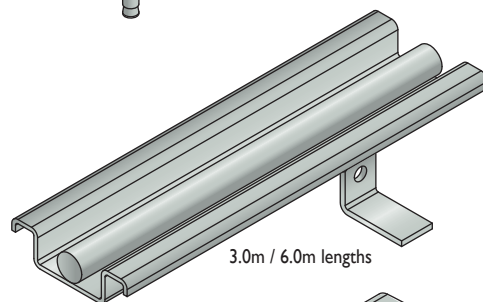
**Heavy Bolt-down Track**  
Galvanised finish.  
Installed with masonry anchors.  
Easy to retro-fit.  
Heavier duty gates.



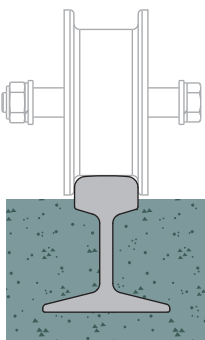
Code HCIT



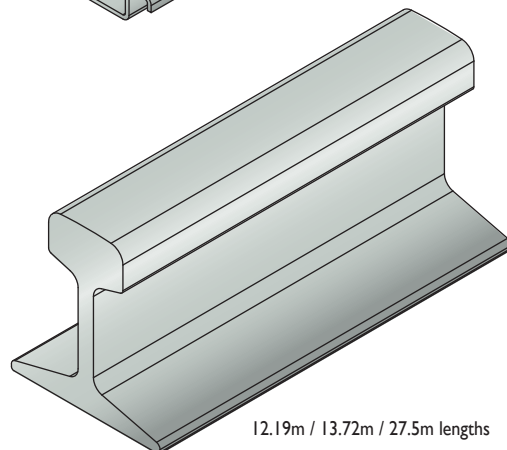
**Heavy Cast-in Track**  
Galvanised finish.  
Heavier duty gates.  
Suitable for areas with forklift traffic.



Code VHDRT



**Very Heavy Duty Rail Track**  
(AS41 standard rail)  
Suitable for casting-in to concrete.  
Heavier duty security gates.



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**1300 780 450**

**Anti Terrorist**

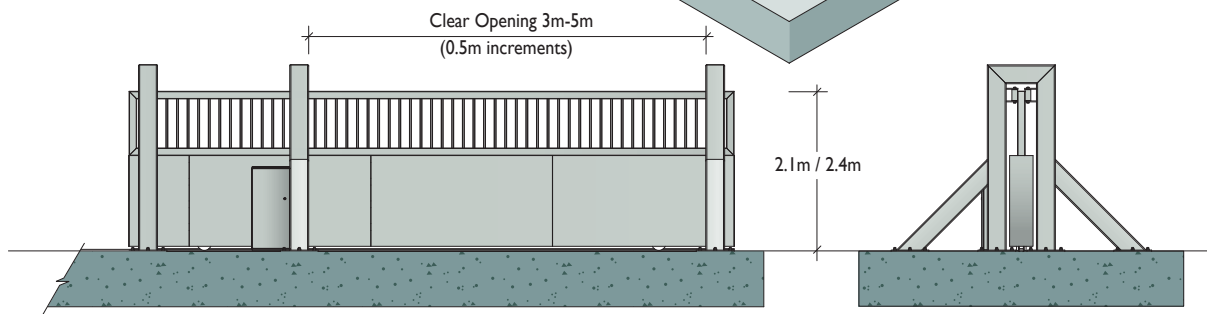
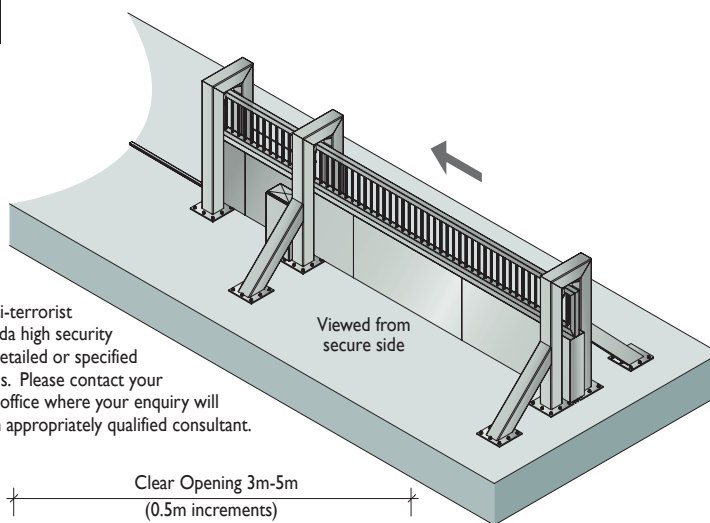
**CRASH GATE**

Engineered and rated to withstand a vehicle impact of 7.5 tonnes at 80km/h.

**Fabrication**

Galvanised Beam & Plate

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.



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

† Increments available within width range. • Refer p17 for details of Gate Infills and Top Extensions.

**Gate Motors – Track Gates**

Duty Level	Gate Code	Duty	Motor Code	Operations Per Day	Opening Speed (mm/sec)	Max Leaf Length (m)	Max Leaf Weight (kg)	Motor Size (W)	Control Type
<b>Advantage</b>	ATS	Light Solar	MOTSLLS	<6	150	6	250	80	Basic Logic
		Light	MOTSLL	<10	200	6	1000	750	Basic Logic
	AMTS	Light Solar	MOTSLLS	<6	150	6	250	80	Basic Logic
		Light	MOTSLL	<10	200	6	1000	750	Basic Logic
<b>Industrial</b>	ITS	Light	MOTSLL	<10	200	6	1000	750	Basic Logic
		Mid	MOTSLLM	10-50	450	8	800	550	Invertor & CB6
	ITSH	Light	MOTSLL	<10	200	6	1000	750	Basic Logic
		Mid	MOTSLLM	10-50	450	8	800	550	Invertor & CB6
	RTS	Mid	MOTSLLM	10-50	450	8	800	550	Invertor & CB6
		High	MOTSLLH	50+	630	12	2000	750	Invertor & CB6
<b>Security</b>	TMS	Mid	MOTSLLM	10-50	450	8	800	550	Invertor & CB6
		High	MOTSLLH	50+	630	12	2000	750	Invertor & CB6
<b>High Security</b>	TMSH	High	MOTSLLH	50+	630	12	2000	750	Invertor & CB6
<b>Anti-Terrorist</b>	CGT	High	MOTSLLH	50+	630	5	2000	750	Invertor & CB6

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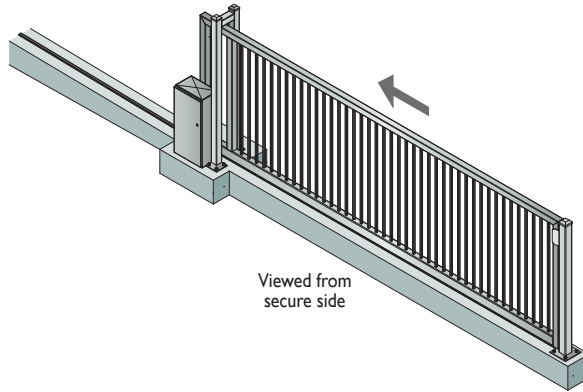
**Security**

**Fabrication Galvanised RHS**

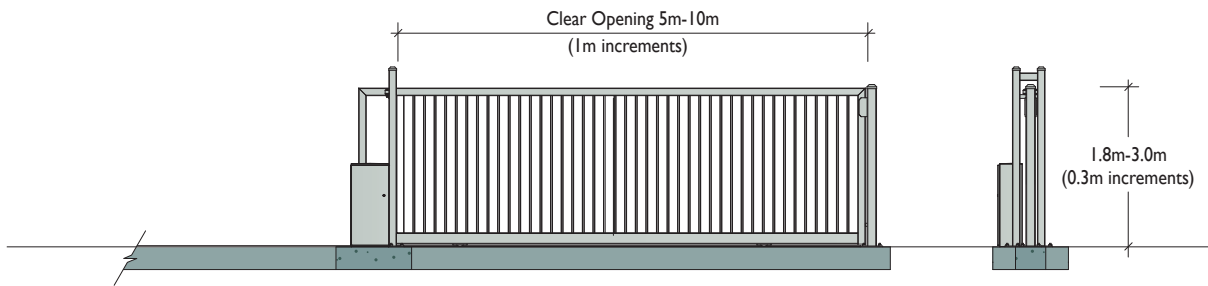
Frame 100 x 100



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



Viewed from secure side



Track Security	Width Range	Height Range	Gate Infill	Top Extension
<b>TMS</b>	5.0m-10.0m (1.0m †)	1.8m-3.0m (0.3m †)	Full Range *	Full Range *

† Increments available within width and height range. • Refer p17 for details of Gate Infills and Top Extensions.

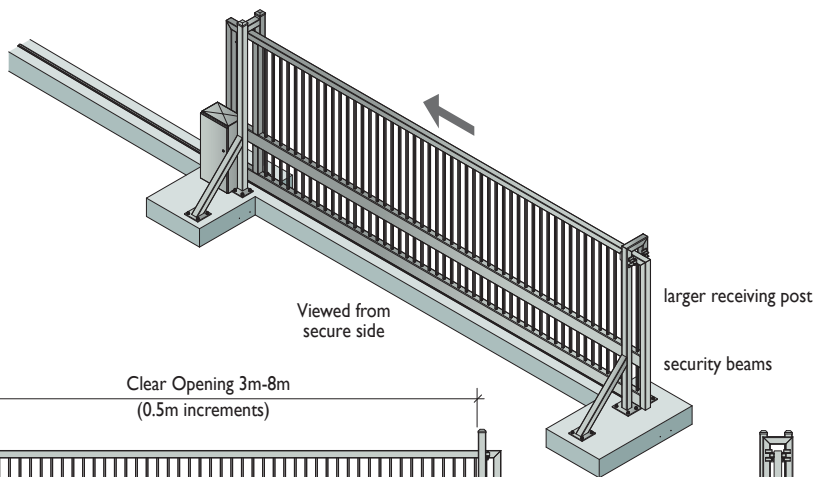
**High Security**

**Fabrication Galvanised RHS**

Frame 100 x 100



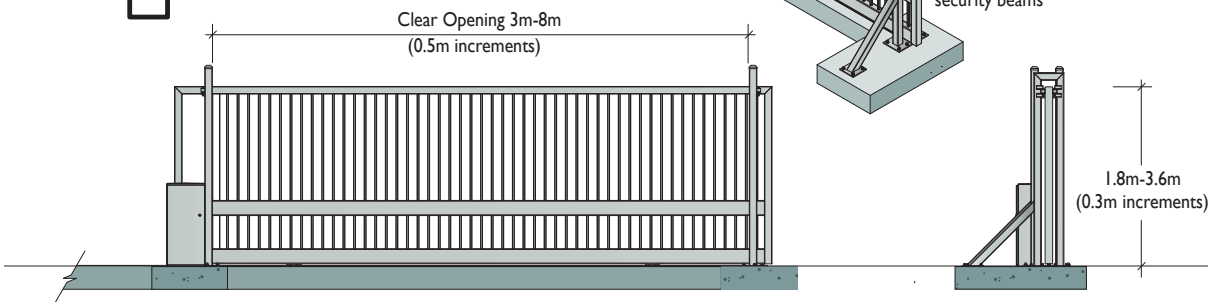
Dual Bottom Rail 200 x 100



Viewed from secure side

larger receiving post

security beams



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

† Increments available within width and height range. • Refer p17 for details of Gate Infills and Top Extensions.

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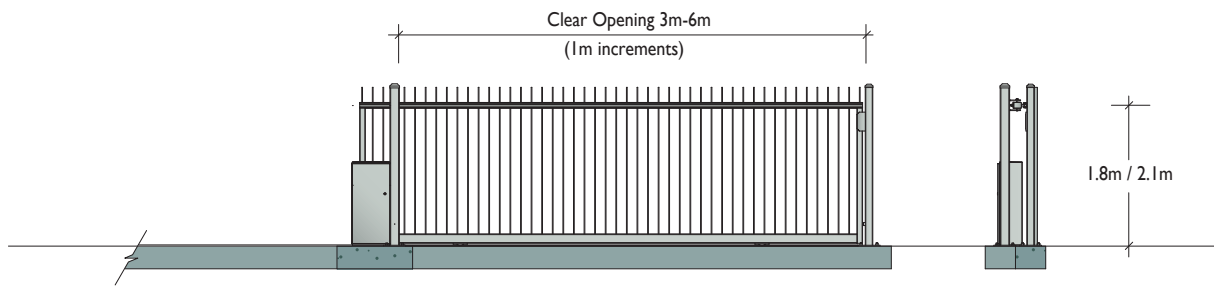
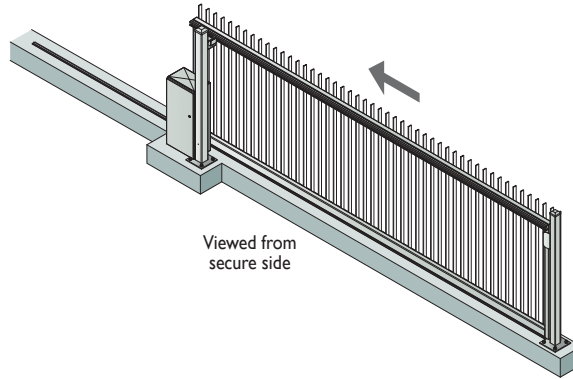
Product Range > **Gates** > Track

1300 780 450

**Industrial**  
**Redfern**

**Fabrication**

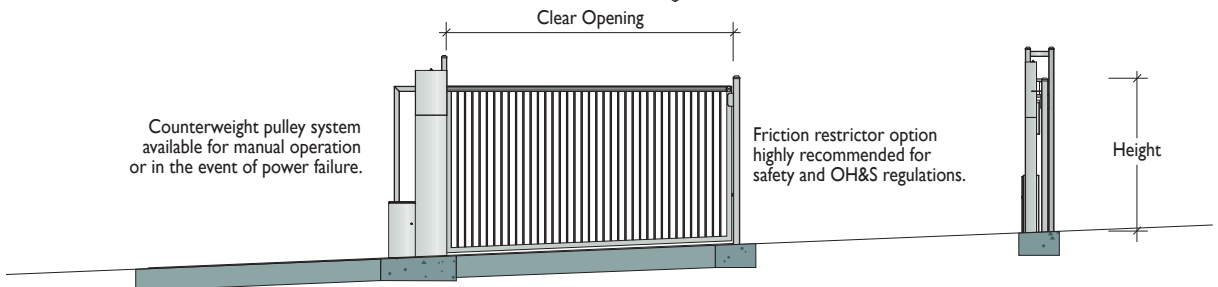
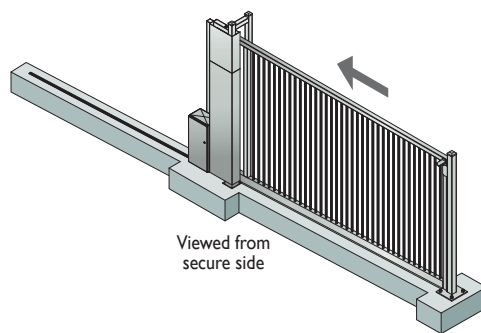
- Rails  
75 x 75 RHS
- Pickets  
50 x 8 Flat Bar



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

† Increments available within width range.

**Raked Option**



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.

1300 780 450

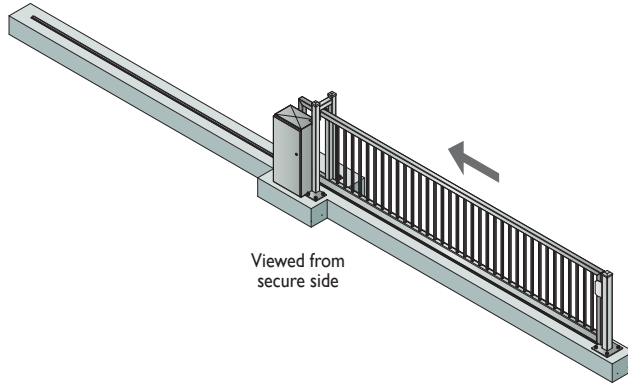
**Industrial Half Height**

**Fabrication Galvanised RHS**

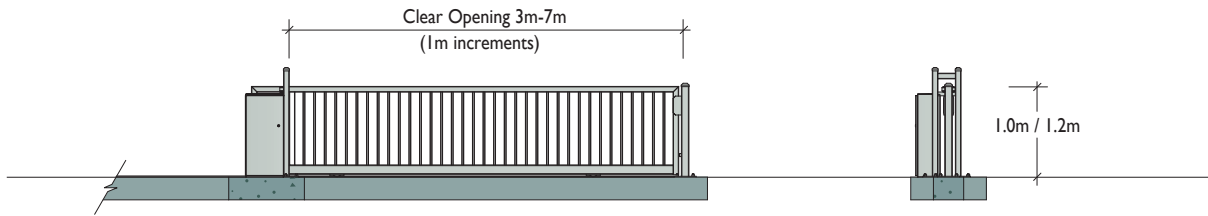
Frame 75 x 75



Bottom Rail 125 x 75



Viewed from secure side



**Intro** 2

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Track 18

Cantilever 28

Swing 36

Bi-fold 42

Boom 46

Options 60

General 65

**Barriers** 70

Road Blockers 70

Tyre Spikes 76

RC Barriers 78

Steel Barriers 83

**Pedestrian** 84

Half Turnstiles 86

Full Turnstiles 89

Pedestrian Gates 94

**Fencing** 98

**Code Index** 104

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

† Increments available within width range. • Refer p17 for details of Gate Infills and Top Extensions.

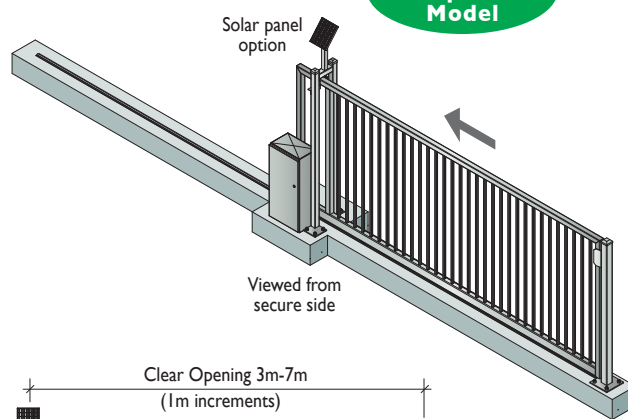
**Industrial Full Height**

**Fabrication Galvanised RHS**

Frame 75 x 75

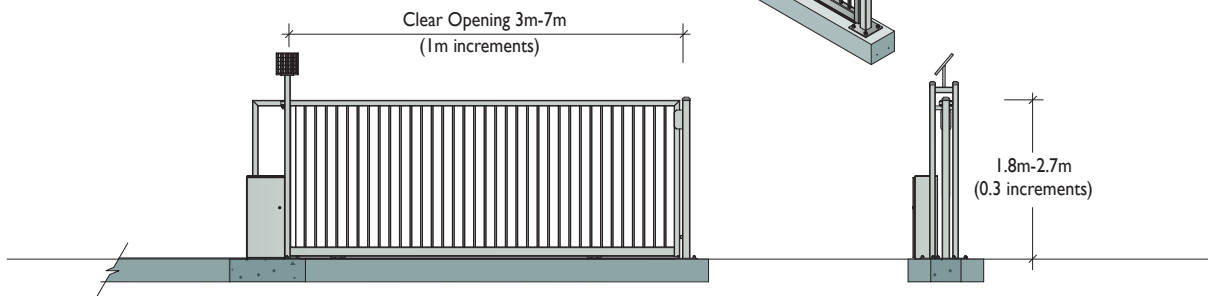


Bottom Rail 125 x 75



**Most Popular Model**

Viewed from secure side



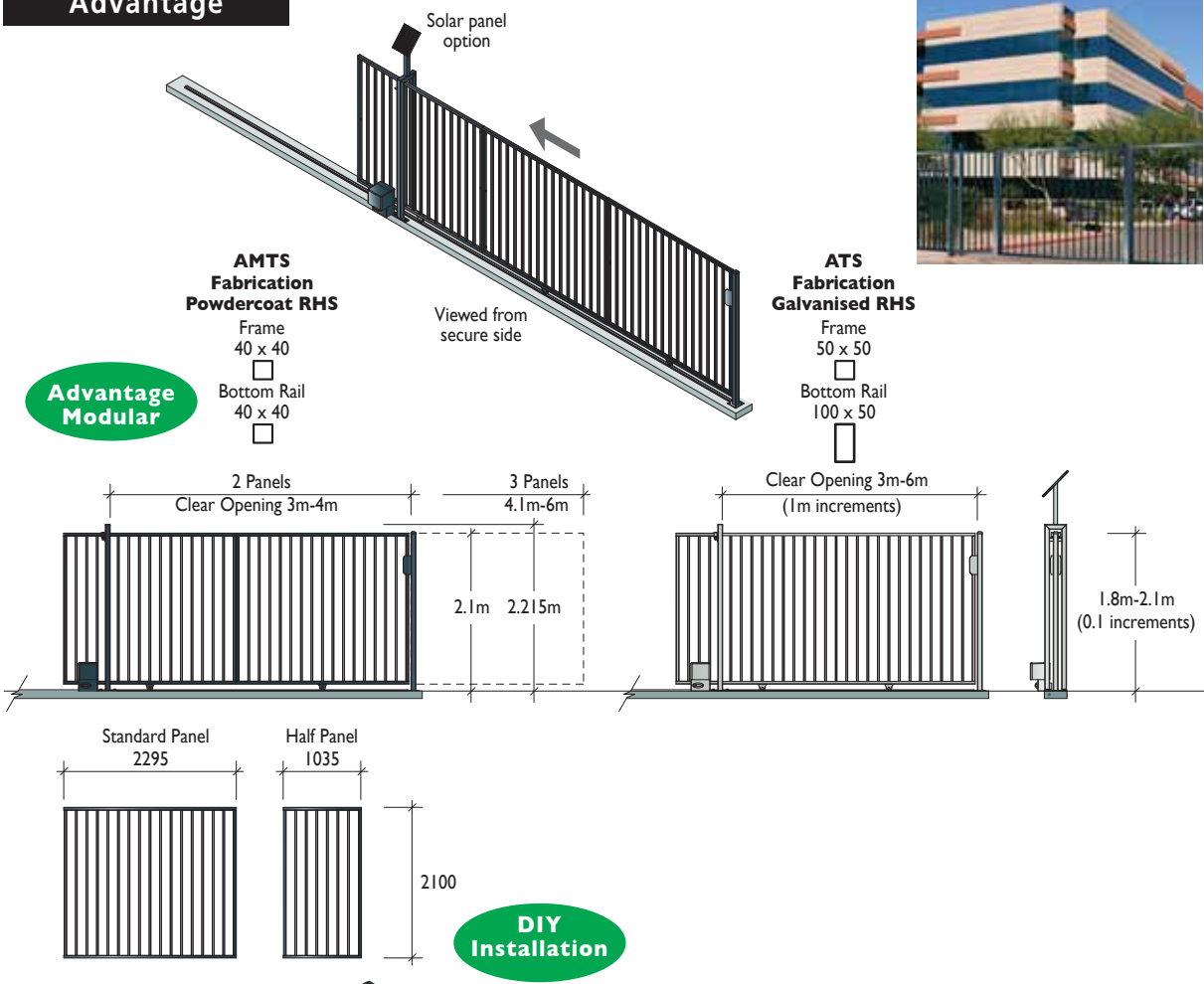
Track Industrial Full Height	Width Range	Height Range	Gate Infill	Top Extension
<b>ITS</b>	3.0m-7.0m (1.0m †)	1.8m-2.7m (0.3m †)	Full Range *	Full Range *

† Increments available within width and height range. • Refer p17 for details of Gate Infills and Top Extensions.

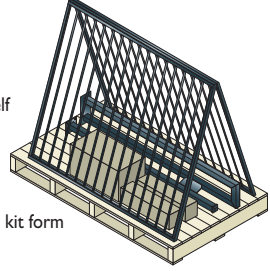


1300 780 450

**Advantage**



- Advantage Modular**
- Packed on a double pallet
  - Bolts together
  - Install and commission yourself



**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

**Advantage Modular Gates**

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

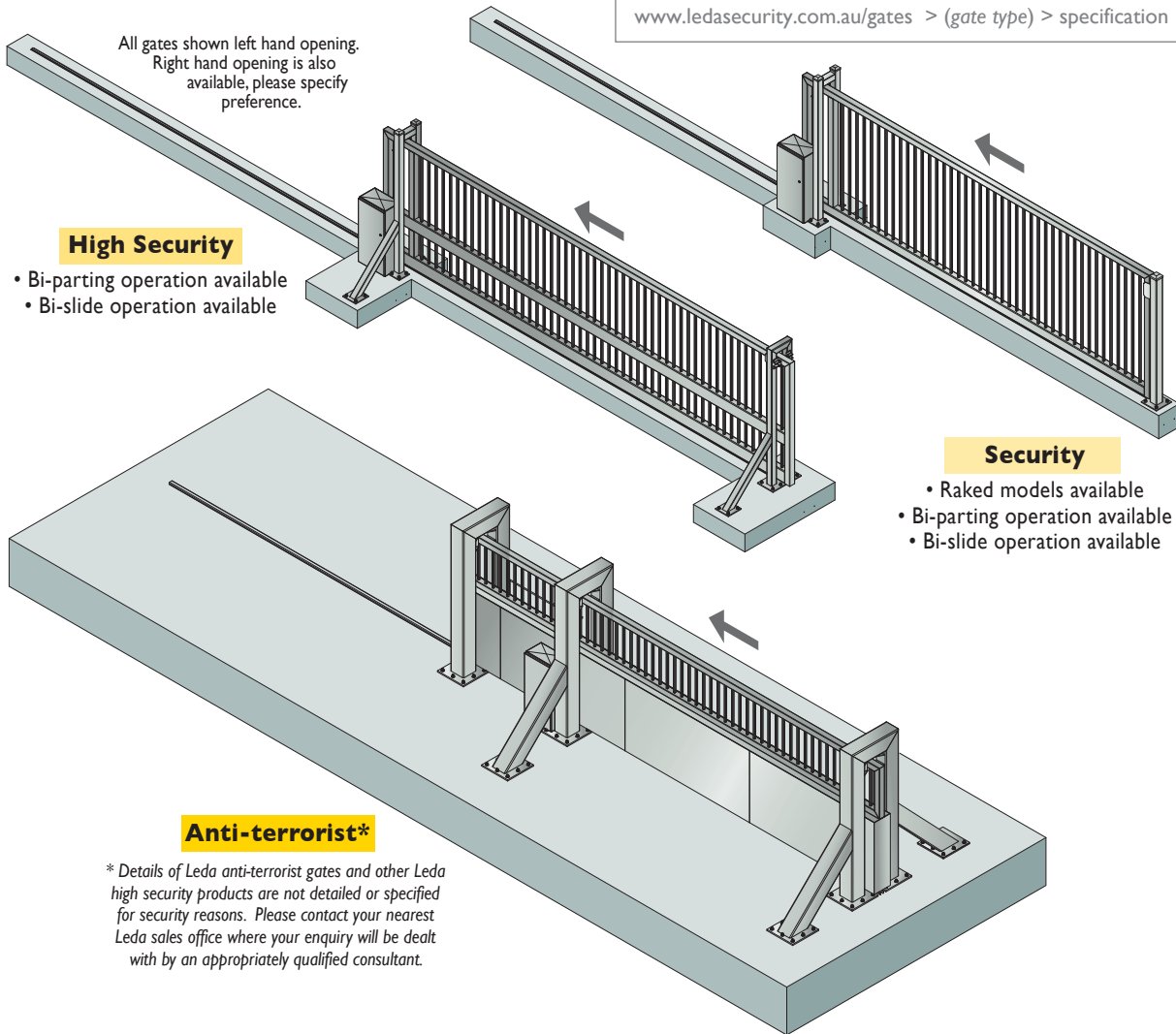
The gates are supplied with everything that's needed to complete the installation. Even steel reinforcing can be supplied pre-cut for assembly on site. A clear, simple instruction manual shows the steps required for trouble-free installation using a masonry drill and standard trade tools like spanners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

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

† Increments available within width range. • Refer p17 for details of Gate Infills and Top Extensions.

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Manual Operation Available	Bi-slide Option Available	Raking Available	Finish		
			Hot Dip Gal	Powdercoat	Wet Spray
Standard	No	No	N/a	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	Opt