

Product Range > Gates > Cantilever

☎ 1300 780 450

The major feature of Leda's cantilever gates is that they are only supported at one end and are designed to operate without the need for a surface mounted track across the driveway – beneficial in high traffic or heavy vehicle areas. Cantilever gates require less space than swing gates and are easier to safeguard. They are also a more reliable option than track sliding gates as they require no track maintenance.

There are five cantilever 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.

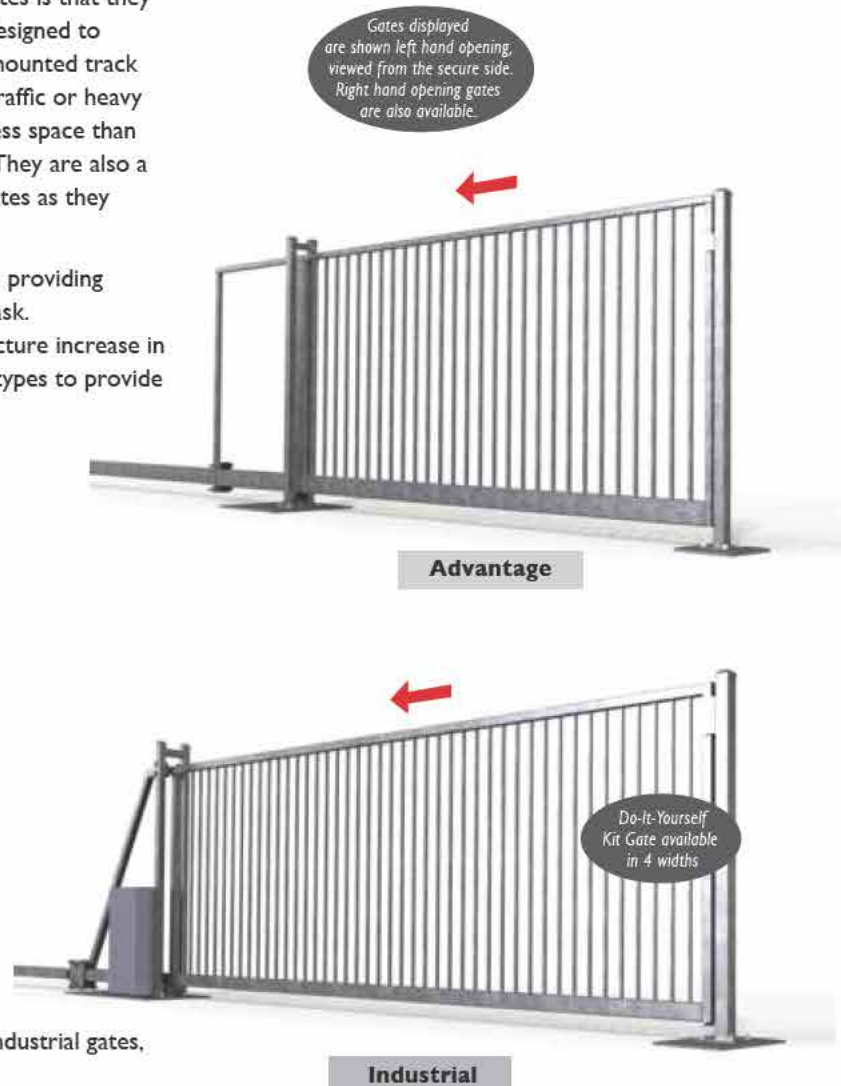
Advantage	<input type="checkbox"/>
Industrial	<input type="checkbox"/>
Security	<input type="checkbox"/>
High Security	<input type="checkbox"/>
Anti-terrorist*	<input type="checkbox"/>

While Leda gates can be installed using conventional concrete footings poured on site, Leda engineers have developed superior and cost-reducing alternative systems that make the task of installing industrial gates, simpler, quicker and cheaper.

> Refer p91 for details.

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

> Refer p81 for details.



An alternative undercarriage system is available for Industrial and Security models. It is designed for sites with insufficient room to install a running rail, or where site conditions such as sand or snow drifts, effect operation.

Duty Level	Code	Width Range	Height Range	Gate Infill *	Top Extension *
Advantage <input type="checkbox"/>	CLA	3.0m-5.0m 0.1m increments †	1.8m / 2.1m only	RHS Pickets only	TH only
Industrial <input type="checkbox"/>	ICL	3.0m-6.0m 1.0m increments †	1.8m-2.7m 0.3m increments †	Full Range	Full Range
	MLC DIY Modular	5/6/7/8.5m only	2.5m only	Pickets	Shark Tooth
	ICLU Undercarriage	3.0m-6.0m 1.0m increments †	1.8m / 2.1m only	Full Range	Full Range
	ICLUS Undercarriage	3.0m-15.0m 1.0m increments †	1.8m / 2.7m only	Full Range	Full Range
	Security <input type="checkbox"/>	CLS	5.0m-10.0m 1.0m increments †	1.8m-3.0m 0.3m increments †	Full Range
High Security <input type="checkbox"/>	CLSL	12.0m-20.0m 1.0m increments †	1.8m-3.0m 0.3m increments †	Welded Mesh	Full Range
	CLSH	5.0m-8.0m 1.0m increments †	1.8m-3.6m 0.3m increments †	Full Range	Full Range
Anti-terrorist* <input type="checkbox"/>	CGI2	3.0m-9.0m	2.1m only	Full Range	Full Range

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

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

Security

An alternative undercarriage system is available for Industrial and Security models. It is designed for sites with insufficient room to install a running rail, or where site conditions such as snow drifts, effect operation.



High Security



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.



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Turnstiles	114
Gates & Doors	136
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Manual Operation Available	Raking Available	Finish		
		Hot Dip Gal	Powdercoat	Wet Spray
Standard	No	Incl	Opt	Opt
Yes	Yes	Incl	Opt up to 5.0m only	Opt
Yes	No	Incl	Opt	Opt
Yes	Yes	Incl	Opt up to 5.0m only	Opt
Yes	Yes	Incl	Opt up to 5.0m only	Opt
Yes (not recommended)	Yes	Incl	Opt up to 5.0m only	Opt
Yes (not recommended)	No	Incl	No	Opt
No	No	Incl	Opt up to 5.0m only	Opt
Yes	No	Incl	Opt up to 5.0m only	Opt

Product Range > Gates > Cantilever

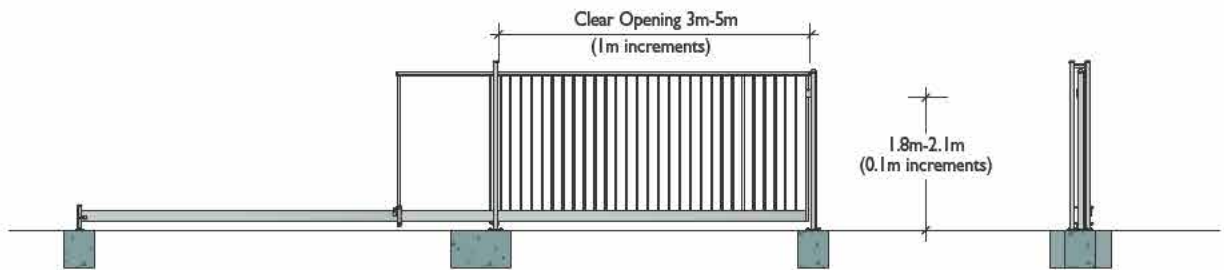
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Advantage

Fabrication
Galvanised RHS

Frame
50 x 50


Bottom Rail /
Running Rail
100 x 50

Cantilever Advantage	Width Range	Height Range	Gate Infill	Top Extension
CLA	3.0m-5.0m	2.1m only	RHS Pickets only *	Shark Tooth only *

* Refer p19 for details of Gate Infills and Top Extensions.

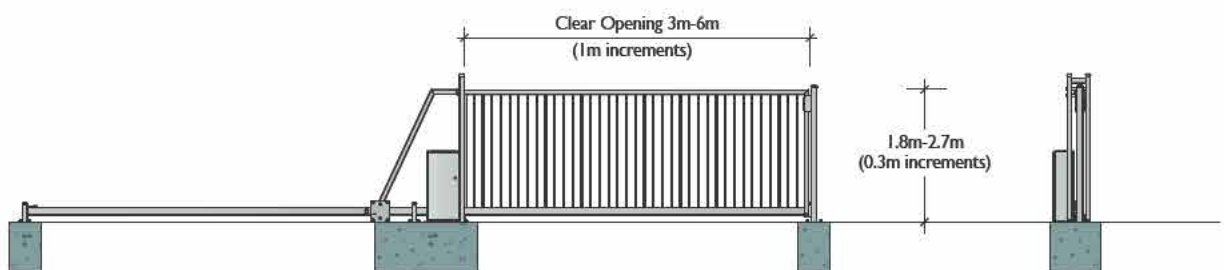
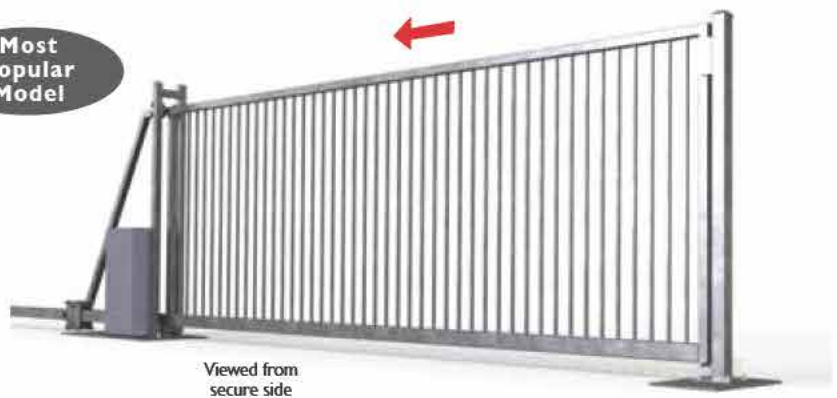
Industrial

Fabrication
Galvanised RHS

Frame
75 x 75


Bottom Rail/
Running Rail
125 x 75


Most Popular Model



Cantilever Industrial	Width Range	Height Range	Gate Infill	Top Extension
ICL	3.0m-6.0m (1.0m †)	1.8m-2.7m (0.3m †)	Full Range *	Full Range *

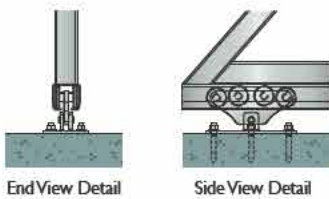
† Increments available within width and height range. * Refer p19 for details of Gate Infills and Top Extensions.

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Industrial Undercarriage

- Features**
- Centralised roller assembly
 - Concealed rollers
 - Eliminates the need for gate extensions

- Applications**
- Dusty, sandy locations, areas of snow drift
 - Insufficient room to install a running rail
 - Sloping sites



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

1.8m-2.7m
(0.1m increments)

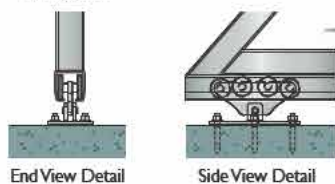
Undercarriage Option	Width Range	Height Range	Gate Infill	Top Extension
ICLU	3.0m-6.0m (1.0m †)	1.8m-2.7m (0.3m †)	Full Range *	Full Range *

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

Security Undercarriage

- Features**
- Centralised heavy duty roller assembly
 - Concealed rollers
 - Eliminates the need for gate extensions

- Applications**
- Dusty, sandy locations, areas of snow drift
 - Insufficient room to install a running rail
 - Sloping sites



Clear Opening 3m-15m
(1m increments)

1.8m-2.7m
(0.1m increments)

Undercarriage Option	Width Range	Height Range	Gate Infill	Top Extension
ICLUS	3.0m-15.0m (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 > Cantilever DIY

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Leda's do-it-yourself gate is Australia's most popular gate for remote locations. It is supplied in knock-down kit form making it the ideal choice for long distance transportation or out-of-the-way locations.

Modular design allows for easy assembly, installation and commissioning in a single day.

Real advantages can be gained on sites with multiple gates, as a spare gate can be kept in stock for emergency situations when a gate needs to be replaced. The DIY gate means perimeter security and access can be restored within 24 hours.

Features

- Economical
- Ideal for remote sites
- Low freight costs
- Four width options

Fabrication

- Aluminium / steel sections
- Pickets Ø26mm @ 150mm spacings
- Beam 205mm x 285mm
- Tensioning wires 2 x Ø8mm



Guiding System

- Double nylon wheels Ø90mm / Ø70mm
- Dust proof bearings
- Aluminium guard
- Aluminium wheel brackets (height adjustable)
- Wheel post 80mm x 60mm

Ideal for remote locations.

Leda's detailed installation manual allows easy assembly and installation by 2 handymen.



Huge freight savings – a 6.0 metre gate stored on a single pallet (above), and a container loaded with 12 gates (right).



Easy assembly on site.

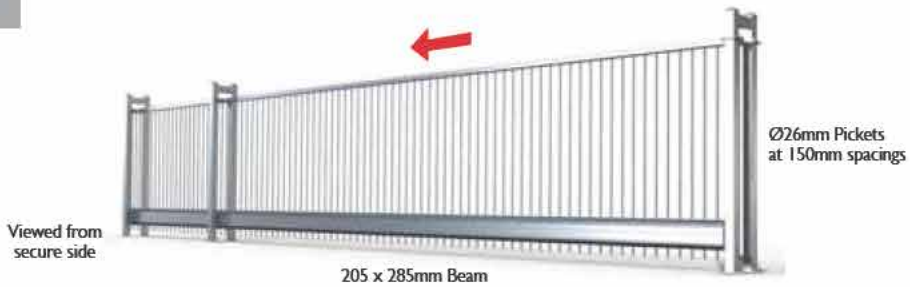


*An Installation Kit with tools (**HGIS40**) is required to assemble these gates. Kits can be purchased or hired for a nominal fee which will be reimbursed on the Kit's return.*

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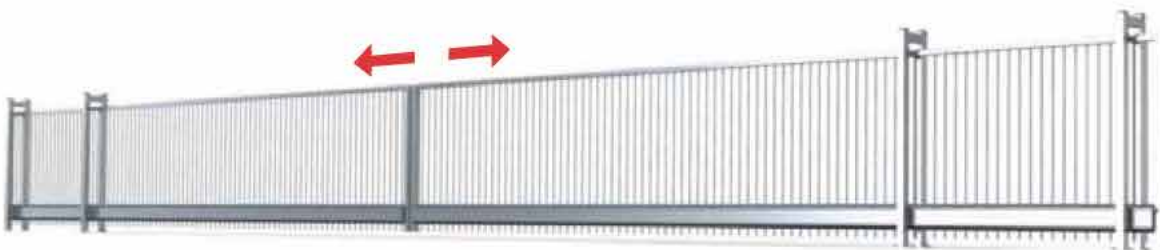
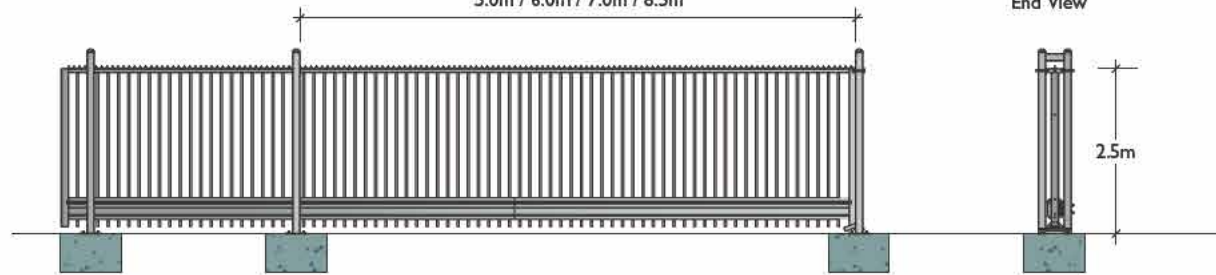
**Industrial
DIY Kit Gate**

- Economical
- Ideal for remote sites
- Low freight costs
- Four width options



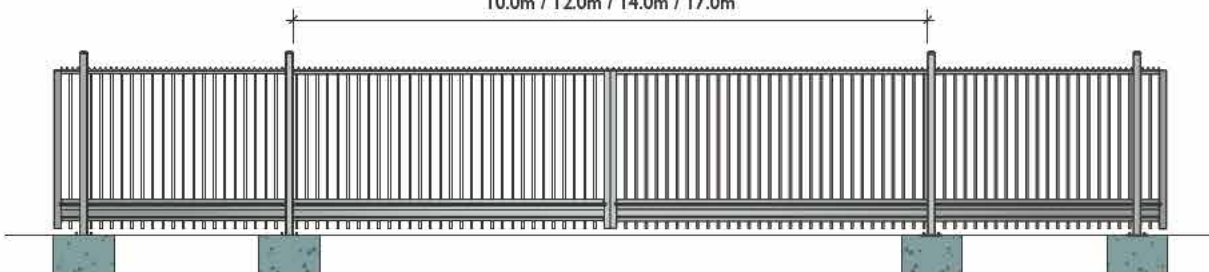
Left or Right Hand
Clear Opening
5.0m / 6.0m / 7.0m / 8.5m

Typical
End View



Viewed from
secure side

Bi-parting
Clear Opening
10.0m / 12.0m / 14.0m / 17.0m



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DIY Kit Gate	Width Range	Bi-Parting Width Range	Height Range	Gate Infill	Top Extension
LMC5025	5.0m	10.0m	2.5m	26mmØ Pickets	Shark Tooth
LMC6025	6.0m	12.0m	2.5m	26mmØ Pickets	Shark Tooth
LMC7025	7.0m	14.0m	2.5m	26mmØ Pickets	Shark Tooth
LMC8025	8.5m	17.0m	2.5m	26mmØ Pickets	Shark Tooth

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Security

**Fabrication
Galvanised RHS**

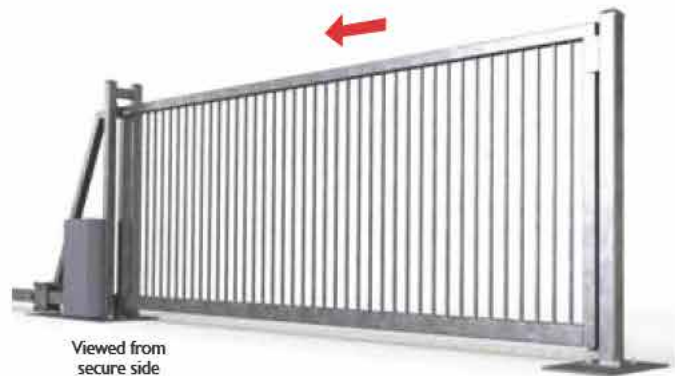
Frame
100 x 100



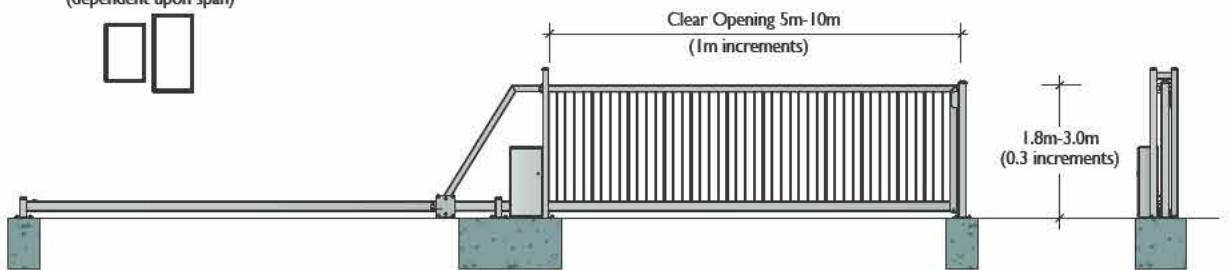
Bottom Rail
150 x 100
200 x 100
(dependent upon span)



Running Rail
150 x 100
200 x 100
(dependent upon span)



Viewed from secure side



Cantilever Security	Width Range	Height Range	Gate Infill	Top Extension
CLS	5.0m-10.0m (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.

Security


20m Span

**Fabrication
Galvanised RHS**

Frame
250 x 250 x 6mm SHS



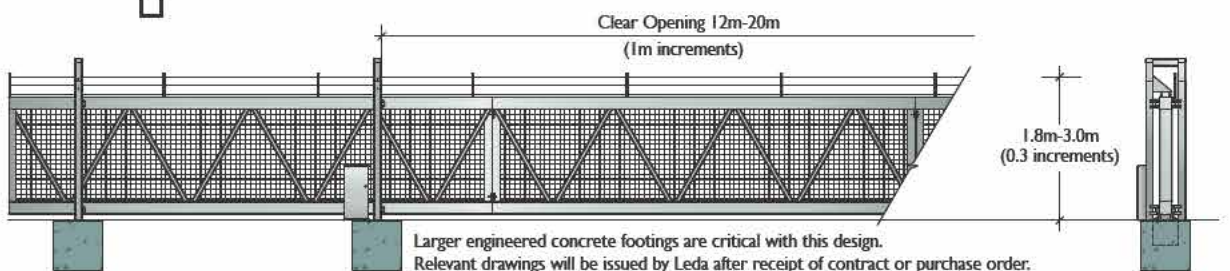
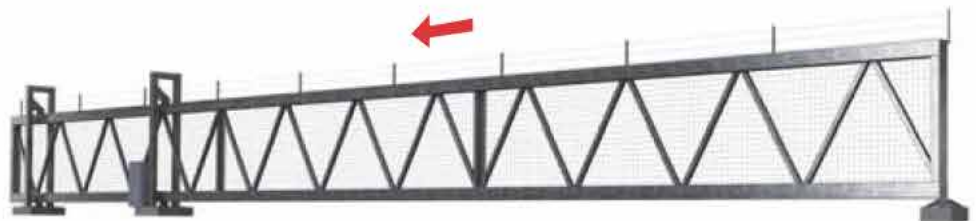
Back
125 x 125 x 5mm SHS



Webbing
50 x 50 x 4mm SHS



In an Australian first, Leda engineers have developed a new web design that will allow manufacture of cantilever gates with up to a 20 metre span.



Larger engineered concrete footings are critical with this design. Relevant drawings will be issued by Leda after receipt of contract or purchase order.

Cantilever Security	Width Range	Height Range	Gate Infill	Top Extension
CLSL	12.0m-20.0m (1.0m †)	1.8m-3.0m (0.3m †)	Welded Mesh	Full Range *

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

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High Security

Fabrication Galvanised RHS

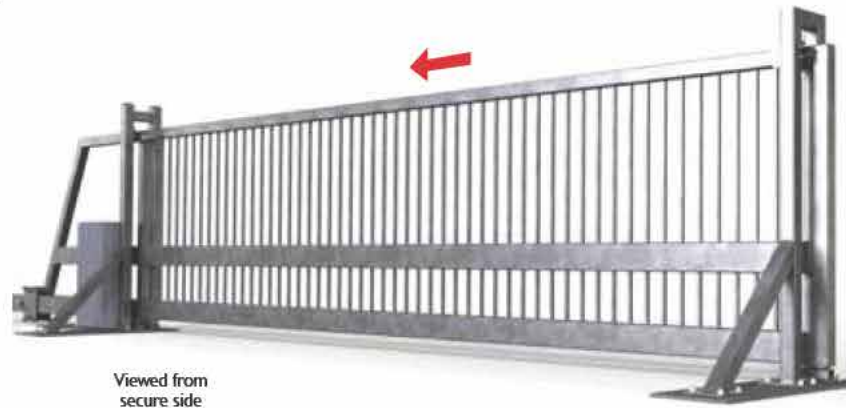
Frame 100 x 100



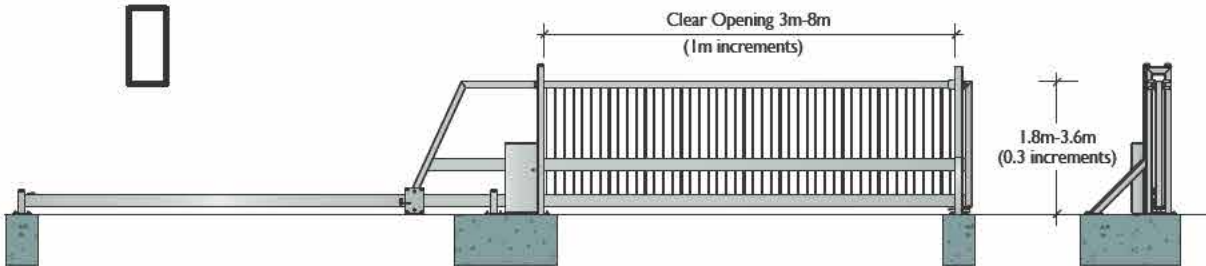
Dual Bottom Rail 200 x 100



Running Rail 200 x 100



Viewed from secure side



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Cantilever High Security	Width Range	Height Range	Gate Infill	Top Extension
CLSH	5.0m-8.0m (1.0m †)	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.

Anti-terrorist

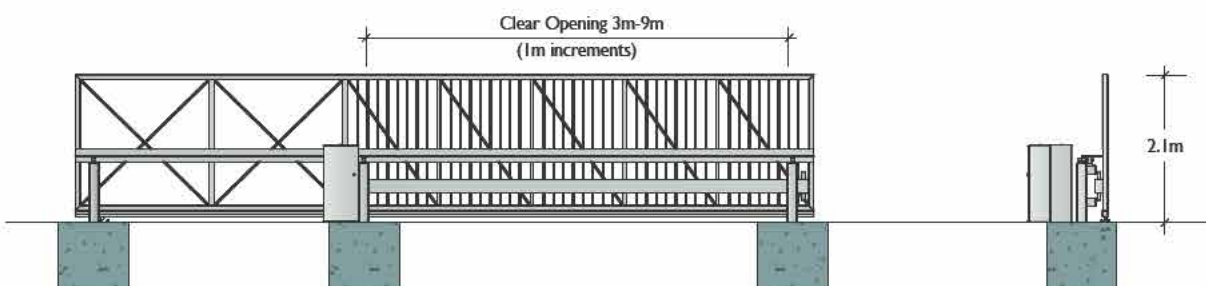
CG12



K12 Certified by US Department of State. (Equivalent to ASTM F2656-07 M50.) Manufactured under licence to APSG (American Physical Security Group).



Viewed from secure side

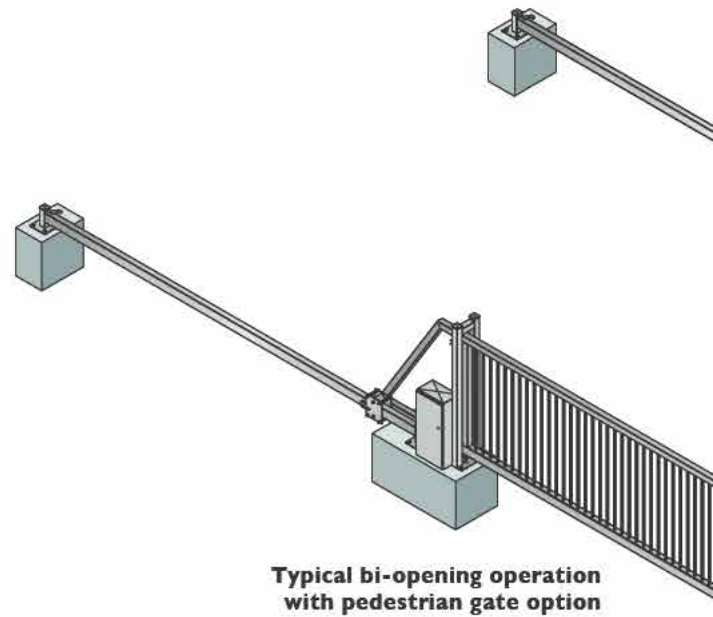


Cantilever Anti-terrorist	Width Range	Height Range	Gate Infill	Top Extension
CG12	3.0m-9.0m (1.0m †)	2.1m only	Full Range *	Full Range *

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

Product Range > Gates > Cantilever > Configurations

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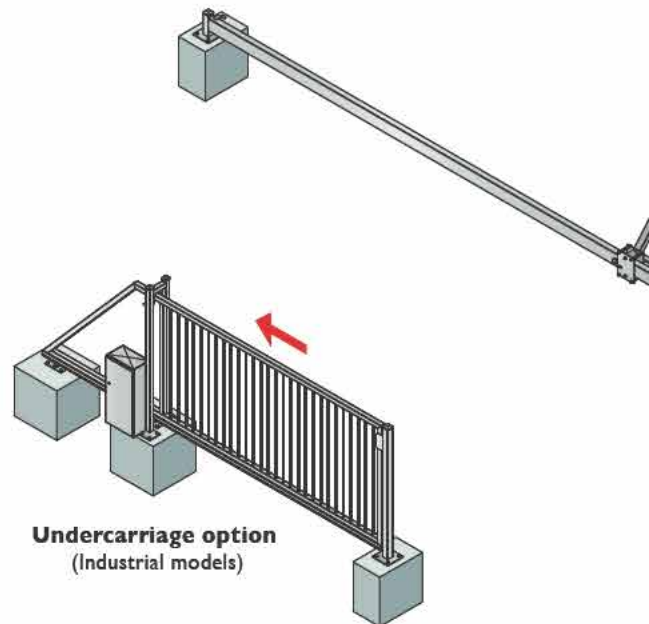
Typical bi-opening operation with pedestrian gate option

Cantilever gates continue to be the popular choice as a safe reliable gate design. They can be installed in a number of configurations, using bi-parting operation with options to include central pedestrian or smaller swing access gate.

Cantilever gates can also be installed with an overhead drive option for unrestricted operation in flood-prone areas or for alpine regions where drive mechanisms can be affected by compacting snow.



Roads and driveway entrances can be spanned up to 10 metres allowing clearance for central kerbs and road crowns. With less rolling resistance, cantilever gates can achieve faster, open and close speeds than track gates. Speeds can be adjusted and can be 'ramped' up or down at the end of the gate travel.

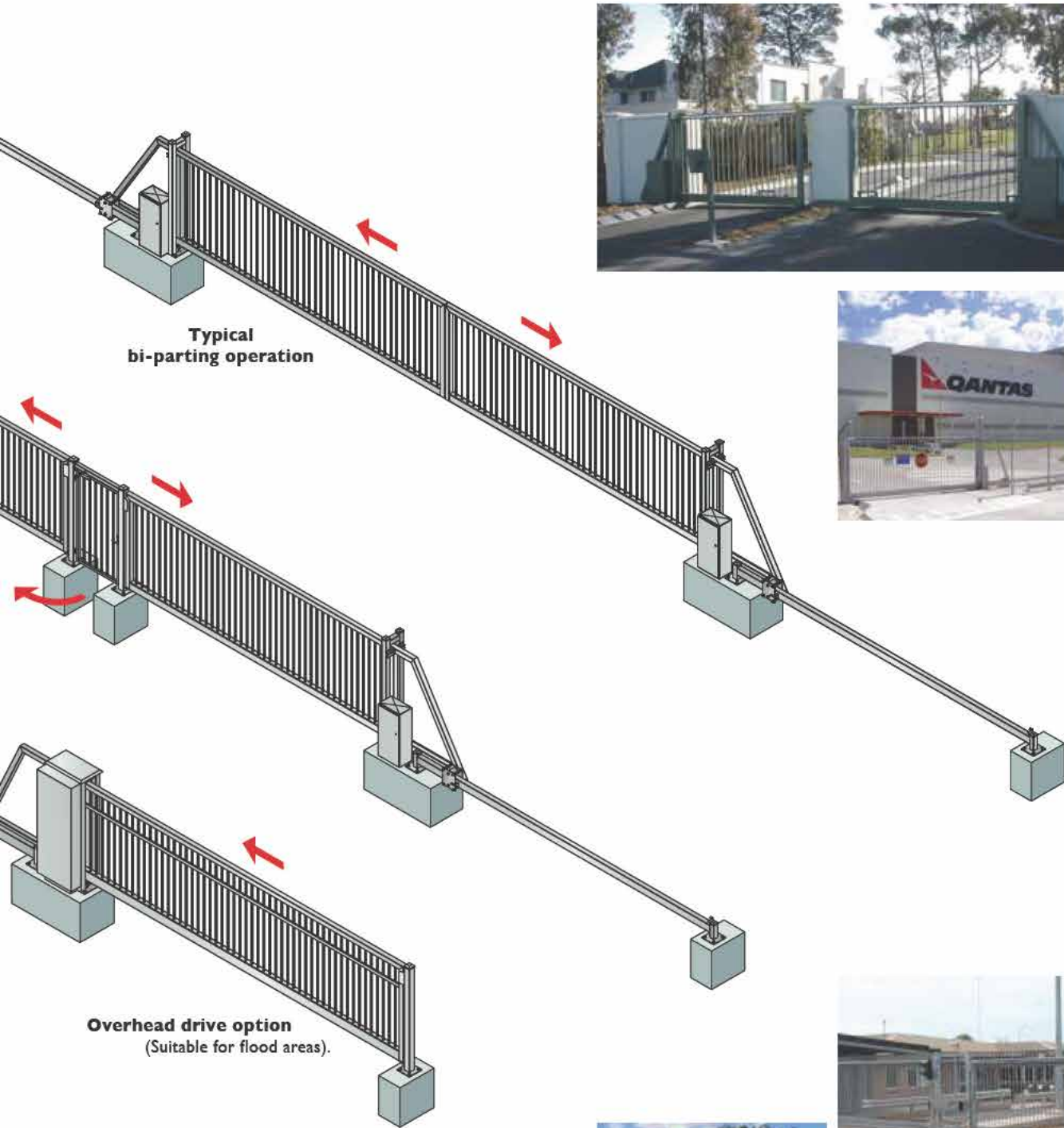


Undercarriage option (Industrial models)

Heavy duty rollers and receiving rails together with a well-balanced design ensure smooth and efficient operation of all cantilever gates.



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