

An Industry First

Bollards Installed Over Pre Stressed Slab

As one of the world leaders in shallow mount footing technology, Leda is increasingly being commissioned to supply and install security bollards with shallow mount (<200mm) concrete footings.

In what is considered to be an industry first Leda was contracted to design and install an impact rated high security bollard system over an existing "pre stressed slab".

Understandably none of the pre-stressed cables could be interfered with so Leda's engineers designed a 50mm keyway that was cut into the top into the existing slab before installing the (3.5 tonne @ 48kmhr) impact rated bollard system for our clients.



Tip Top Bakery

Leda's Brisbane office was recently engaged to design and install a new pedestrian access system at Tip Top's Bakery Springwood factory. Leda manufactures a number of custom designs and in this instance created a secured access controlled area which consisted of a full height turnstile and a premier fencing panel surround. The client was extremely happy with the finished system which gave an overall professional appearance for the company image.

Ongoing works for Leda include more upgrades to their site perimeter security.



A School First

The city of Greater Dandenong in conjunction with a local school required the busy road adjacent to the school to be closed at allocated school times to allow students and other pedestrians to be able to cross the road safely. This method of road closure is something that has not been tried in Australia before and provided Leda's engineers with a number of technical challenges.

Each school day the road is automatically closes by using Leda's automated retractable

bollards operated by powerful PLC units to control the bollards operation, safety lights and audible alarms. At pre-programmed times the bollards will rise prior to sirens and lights being activated in carefully controlled sequences to warn motorists of the impending road closure and their key stakeholders.

A number of sophisticated safety systems are incorporated including SMS messaging to council staff advising the nature of any system operation.

Leda have been very pleased to work so closely with City of Greater Dandenong and their key stakeholders. According to reports all the operating specifications have been accomplished and the system is working faultlessly. The project has been a great success and we look forward to working with Dandenong council further.



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Holistic Security Solutions



Fabric Doors



An Industry First



Dockland Film Studios

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Leda Security Products

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Holistic Security Solutions

Security integrators and consultants are increasingly looking to Leda to provide holistic solutions for their clients and high profile projects.

With a comprehensive range of vehicle mitigation and physical security products Leda have the ability to engineer site specific solutions Leda has built a reputation as the industry market leader and “go to” company.

As this picture reveals Leda combined “vehicle” and “pedestrian” access control through “cantilever” and “pedestrian gates” as well as securing the perimeter with “palisade” security fencing.



Cantilever Gate for QLD Rail



Our Queensland office recently installed a custom designed Industrial Cantilever Gate with colour-bond infill to match the rest of the building and provide a fully secured site for a new Qld Rail Depot. The gate runs freely across train lines and it fully equipped with all safety features to create a safe and secured product.

Leda's engineering team provided footings and drawings to meet all requirements for the client and the site.

Leda worked closely with the site manager and client to overcome a number of technical hurdles. Our installers went beyond the client's expectations and in return was fully satisfied with all aspects of the installation and product. Due to Leda's engineering and design team Leda had the capacity to meet the site specific needs.

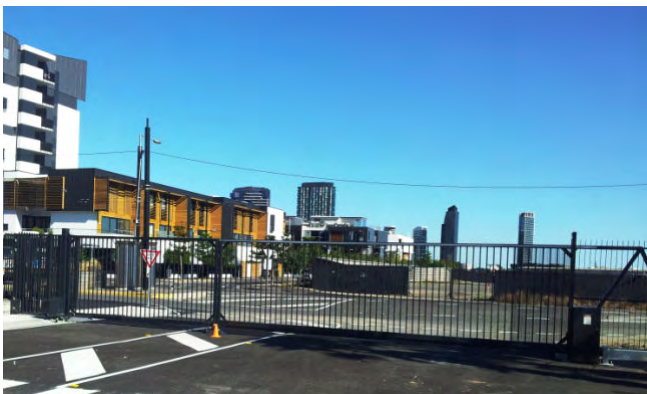
Dockland Film Studios



Leda's Melbourne office were involved in the manufacture and installation of perimeter security solutions for this new development at Docklands in inner Melbourne.

Leda were asked to design and manufacture a combined track sliding and swing gate. The sliding gate was approximately eight meters long and needed to work in parallel with a four meter swing gate. Leda technicians programmed the system so that each gate leaf can be operated independently or in tandem.

These gates are high usage and operated from a third party access control network. Also included in the installation were full height turnstiles and pedestrian gate combinations.



Palerang Council Gates

Leda recently carried out a remote installation of 2 off 5 meter cantilever gates for Palerang Council in the south west of New South Wales.

Leda installation staff travelled some 500 kilometres each way to complete the project which including transporting gates and equipment onto a single very full semi trailer.

As a result of thorough planning by Leda's NSW project management team we were able to complete the installation within 2 days which was ahead of the clients expectations.

The cantilever gate system was exactly what the client required and since then the council have ordered a further 2 gate systems to be installed in the near future.



Large Doors - Leda's newest division is certainly ramping up with a number of large projects either in progress or in design



Bifold Hanger Doors

Kubale Constructions were engaged to build a 1,000 square meter aircraft hanger at Latrobe Valley Airport. The hanger required a (20mt wide x 8mt high) vertical bifold (automated) design with colourbond steel cladding. Leda's Melbourne branch were contracted to undertake the manufacture and installation of this large metal clad bifold door.

There were many challenges to overcome says Leda's State Manager Tom Rozsa. We had very tight time lines to work towards and coupled with the Christmas break had to ensure goods and resources were in place as per our commitment.

The 20mt width required the steel trussels (see insert) to be manufactured in 2 pieces which were then joined once on site.



Large PVC Fabric Doors

As doors seemingly get larger and larger one method to successfully engineer them has been to clad them with lighter materials including uv resistant PVC plastic fabrics. Large fabric doors also provide the advantage that when in the raised position they have a smaller footprint than alternative designs.

Leda currently has six "fabric" doors like the one pictured being manufactured for a North Queensland mining site.

Even these lighter weight doors still need to be engineered to meet the strong wind loadings encountered in the region as these support trussels pictured demonstrate.



Large Door Automation

A recent mine upgrade in Karratha, Western Australia required cyclone rated doors on a new large steel shed for the site. The doors weighing approximately 10,000kg were initially installed for manual operation however due to their weight is required fork lifts to open and close them. That was quickly reviewed.

Leda's Perth office was commissioned to automate the doors which required our staff designing and engineering a drive system strong enough to open and close these very heavy doors. Leda's WA team supplied, installed and commissioned the automated system in late 2012.

Our Perth office have since received a further order to automate a 12.0mt wide x 14.0mt high warehouse door for the "Yandi central mine".





Master Stores – Boom Gates

The national rollout of over 150 "Masters" Hardware stores has seen Leda's reliable "TM" series boom gates specified for their stores.

Having branches across Australia to carry out the work provides the architects with the confidence of specifying Leda to install and maintain the equipment.

In addition Leda normally supply their stainless steel slimline bollards and SBR00 stainless steel bicycle racks on each store.



Leda China



Leda successfully opened their Ningbo office in March 2012 to manufacture and supply "componentry and finished products" for both Australia domestic and international markets.

The emphasis and challenge on the first full year of operation was to complete the manufacture of the expanded "Securabike" range and which has now been successfully accomplished.

Ningbo is one of China's major ports and it has allowed Leda achieve regular shipments with direct shipments taking as little as two weeks.



Leda China Management

Message from the CEO



Richard Matthews, CEO

While the economists are often conservative in their economic predictions, 2013 is certainly off to a roaring start for Leda. We have just completed one of our busiest January installation periods ever and our sales team are also working non stop in providing product information and pricing. I know Leda is not large enough to be a litmus test for the whole economy, but I hope the confidence we are seeing in the market continues unabated.

Our new Securabike handbook is being well received in the specification market and we trust it provides easy to find design information on bicycle parking and end of journey facilities. We are also loading DWG and Revit files onto our www.securabike.com.au website for architects to access freely. In March 2013 our updated gate handbook which has doubled in size will be released. Our bollard handbook update is planned later this year also. I would urge you to register your interest in these industry setting handbooks before the release so you are assured a copy.

Lastly, I am pleased to announce the appointment of CAM NZ as Leda's exclusive distributor in New Zealand. Cam are well known in Australia as a leading manufacturer of aluminium bus shelters and their operations in New Zealand are a great fit for Leda's bicycle parking and bollards. We look forward to working with CAM in providing a greater level of service throughout New Zealand.



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