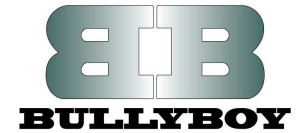


Security Bollards to support a Revolutionary Car Stacking System



Location	Auckland, New Zealand
Brief	Safety critical vehicle barrier for an automatic car parking system
Solution	3 automatic bollards 26 static bollards

BACKGROUND

IronBank is a 4500m sq. commercial building with a combination of office & retail space.

The car park is highly unique and a New Zealand first. After driving into a "virtual garage" your car is placed by a robotic system into one of 96 parking bays.

The result of the parking system is a huge space saving in the building.

However beyond the edge of each of the three virtual garages is a three story drop into the pit in which the cars are placed.

IronBank required a safety barrier in front of the vehicle as it was driven into the virtual garage.

SOLUTION

To achieve this barrier a combination of static & automatic Bully Boys were installed.

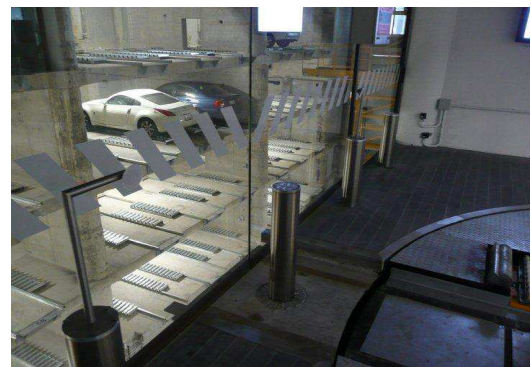
HOW IT WORKS

You drive into one of three virtual garages. An automatic Bully Boy is directly in front of your car providing the required safety barrier.

Once you have left your car and the virtual garage the Bully Boy is lowered allowing the robot to slide under the car and lift it by the wheels. Your car is taken down into the stacking pit and placed in a parking slot.

The Bully Boy is then raised before another car is allowed to drive into the virtual garage.

Twenty Six static bollards complete the safety barrier and provide protection of the sliding glass doors.



Visit www.ironbank.co.nz/video-gallery to watch the video

The installation of 3 automatic and 26 static Bully Boy security bollards took only two days.

PRODUCT SUMMARY

- 3x 6 inch diameter 750mm high automatic bollards. One in each virtual garage
- 26x 6 inch diameter static bollards
- 3x system controllers interfaced to the car stacking system

Video: www.ironbank.co.nz/video-gallery

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