

# VARIOUS SECURITY SOLUTIONS

Automatic Access

Metalworks

Perimeter Security

Smart Security

**BOSWEN**  
BEYOND BETTER

# Security Gates

Boswen has a wide range of models to suit different applications from light commercial, industrial, and high security requiring crash rated gates. Boswen Gates are built with robust metal structures to lasts. With many choices of finishes including powder-coated over metal, hot-dipped galvanized and or two-pack primer and paint. For extra-large opening where there are freight limitations, Boswen smart modular designs will provide the answers.

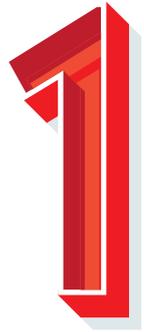
# 2020



  
**BOSWEN**  
BEYOND BETTER

## Sliding Track Gates

Sliding Track Gates provides secured access and compliments any entrances. They require minimal lateral space to operate as compared to swing gates and cantilever gates. They are often less costly to automate as compare to hinged gates. They can also come in the form of a hi-sliding set up where there is room to retract on both sides, this would reduce the opening time and provides a more welcoming balance to the entrance.



## Swing Gates

Swing Gates are suitable where there is enough lateral space for the swing open/closing arch of the gate. The benefit of the swing gate is that it is trackless, and it requires no concrete transom as a track gate does. Swing gates, however, have their limitations on opening width. The hinges are engineered to withstand varies weight and loading of the gate leaf. Hinged gates in general are more costly to automate as compare to track gates as it would often require two motors and hydraulic arms to mobilize the gate.

## Cantilever gates

Cantilever gates are the Elite cousin of all gates. As the name may suggest the gate weight and bodywork on a counterweight system. Meaning it is almost frictionless in operations and is also trackless on the driveway. With this big benefit also comes at are higher costs and yes it does cost a lot more than the conventional track and hinged gates. It would also require more room to retract due to the counterweight tail of the gate. This also means the foundations would often require proper engineering and reinforcement to withstand the weight and loading from the cantilever carriages.



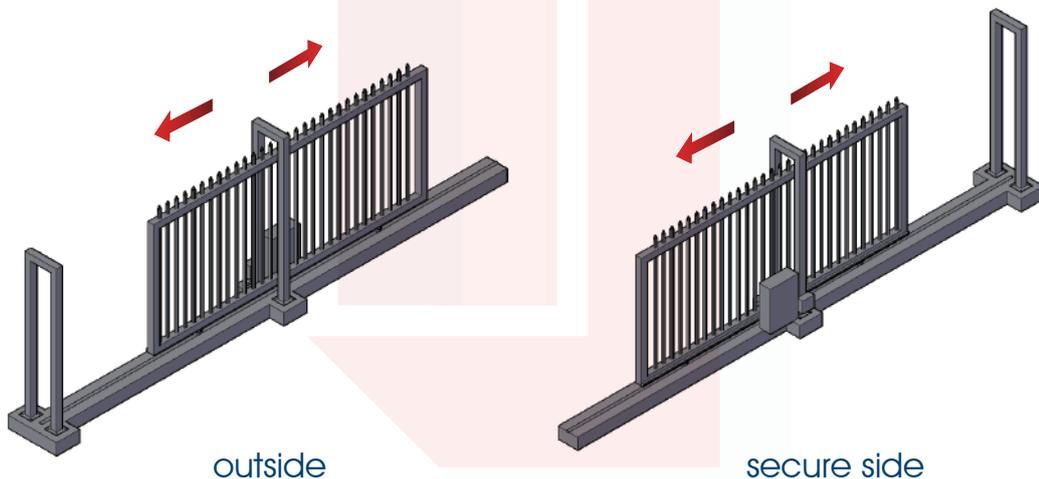
## Telescopic gates

Telescopic gates are perfect where there is limited room for all other gates. The gates when on the open are stackable in two or more leaf reducing the retracting room to be much less than the driveway itself. This is more costly than the track gate as it requires a telescopic system and additional hardware for the built.

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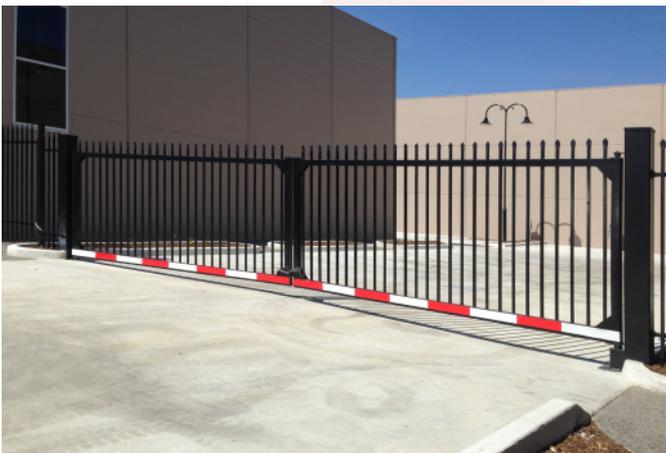
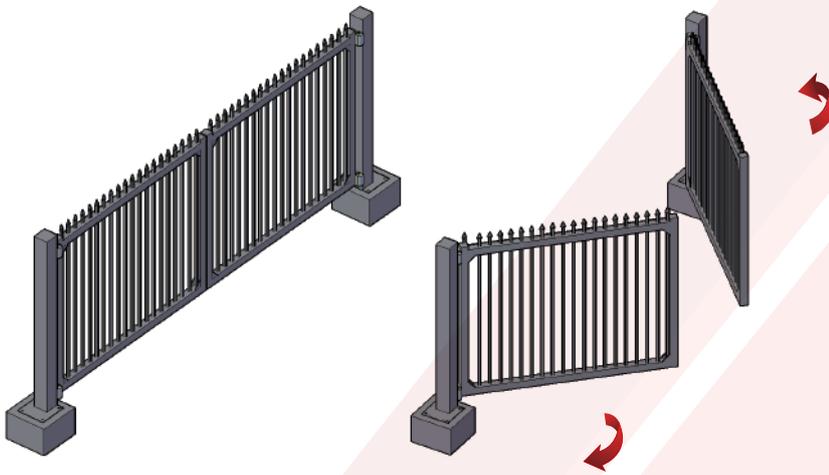




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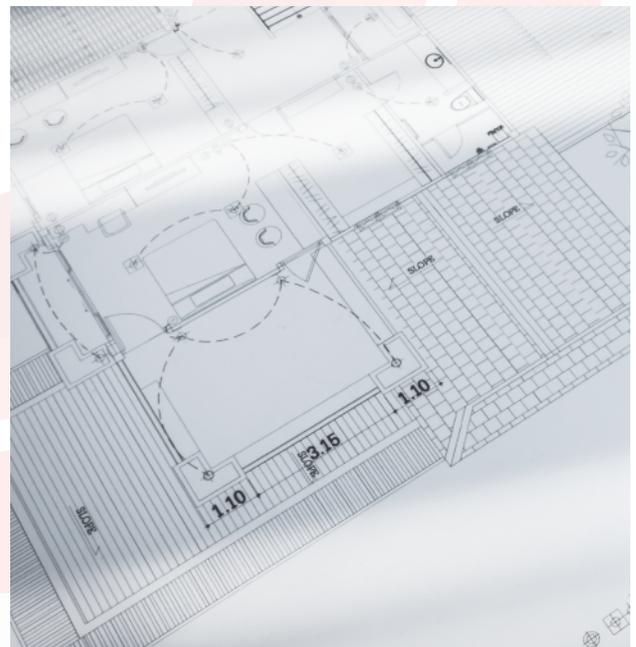
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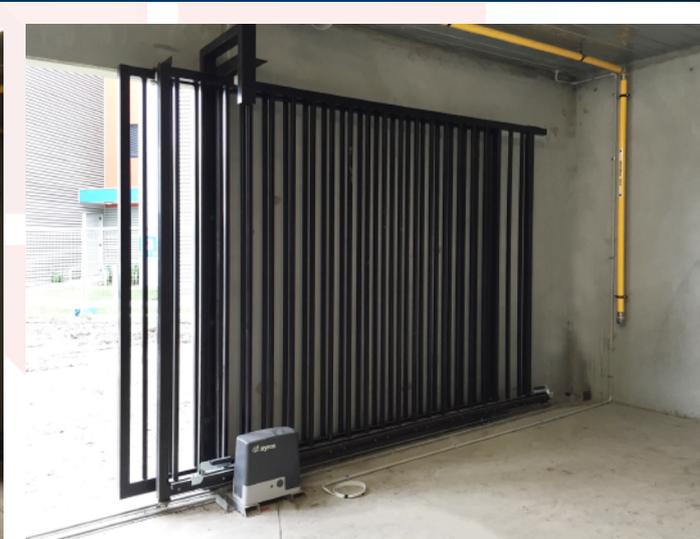


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## ***Diplomat i10***

Diplomat i10 suitable for light commercials such as education, retails, and more.

## ***Ironguard A310***

Ironguard A310 for medium to heavy industrial such as logistics and production facilities and more.

## ***Titan A400***

Titan A400 suitable for high security such as airports and special data plants and more.

## ***Pentagon M7***

Pentagon M7 suitable for parliaments, and other government bodies.

<b>Model</b>	<b>Max Width</b>	<b>Security Rating</b>	<b>Finishes</b>	<b>Track Transome Guide</b>
Diplomat i10	7m	★★★★↓ 3.5 star	HDG, PC, Pnt	20MPA, 400mm deep*
Ironguard A310	12m	★★★★★↓ 4.5 star	HDG, PC, Pnt	25MPA, 600mm deep*
Titan A400	30m	★★★★★★ 5 star	HDG, PC, Pnt	25MPA, 800mm deep*
Pentagon M7	16m	★★★★★★★ 6 star	HDG, PC, Pnt	32MPA, 100mm deep*

\*suggestions only, soil category would need to be assessed

# Features & Maintenance

Many features can be built into our range of gates including

- ✓ Anti-climb
- ✓ Anti-lift
- ✓ Anti-crash
- ✓ Auto-close
- ✓ Emergency egress exit
- ✓ Scratch proof rails
- ✓ Crash rated build

Maintenance and aftersales services

- ✓ Maintenance and operations manual
- ✓ Customer asset management
- ✓ 24/7 hotline for service call outs and support
- ✓ Scheduled maintenance



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