



CR8CG - CANTILEVER GATE TECHNICAL SPECIFICATIONS



Gate Structure

- High security.
- Spans up to 12 metres (or 24 metres for bi-parting cantilever gates).
- Gate frame, support tower, back runner and end post are constructed from steel.
- All vertical bars are fully seam/fillet welded.
- Maximum spacing between bars is 125mm.
- Erected height is typically 1800mm from ground level (but can be designed to any height) with 140mm maximum ground clearance.
- Hot dipped, powder coated or stainless steel finish.
- Cantilever gate is supported by 316 marine grade counterbalance roller system.
- Form 15 and Form 16 optional.

Motor, Gearbox, Controls

- 100% duty cycle.
- Industrial 3 phase 75kw drive motor (powered by single phase).
- Gate motor drive system has a programmable logic controller (PLC).
- Frequency inverter will control the opening/closing speeds with ramp up and ramp down control technology. Typical speed settings are 450-940mm per second opening and 200-300mm per second closing.
- Solar powered operation available.
- Access Control or Smart Gate Interface Technology.

Equipment Enclosure

- Powder coated or stainless steel equipment enclosure.
- Lockable T-bar handles on enclosure doors.
- Troubleshooting LED mimic panel fitted to the outside of the equipment enclosure.
- A switching power supply is installed in each control logic module.
- A test button is installed in each equipment module enclosure.

Safety Devices

- All Create Security gate systems are compliant with current workplace health and safety standards.
- Gate leaf if fitted with 1.5 metres of safety mesh from the main portal structure to prevent pinch points.
- Gate system is fitted with a low voltage, audible buzzer to announce gate movement.
- Gate system is fitted with flashing LED amber low voltage lights as a visual alert to signify gate movement.
- Emergency stop button is fitted to the outside of the equipment enclosure.
- A manual override function for mechanical release in the event of power failure.
- Curtin array photo electric beam sensors on the inside and outside of gate.
- Each gate control logic module is fitted with a main 240 volt lockable isolator.



Security Providers Licence:
3251000



QBCC Licence:
1133023



Master Builders Member:
64928



ASIS Member:
312860



ASIAL Member:
37871

