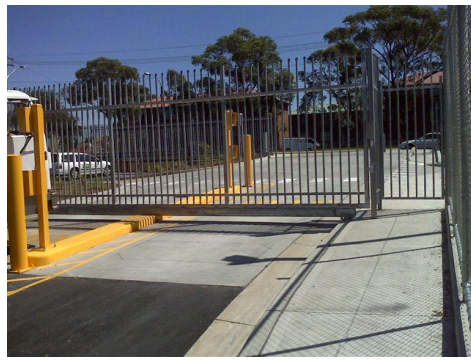


The Automated Light Weight Cantilevered Sliding Gate System

Ezi Security manufacture its products where we are able to guarantee optimum quality control
Ezi Security specialises in the manufacturing, sales, installations and servicing of physical barrier systems to our exacting standards



The Ezi cantilevered sliding gate system is based on the principles of counter balancing. These systems are designed and engineered to Ezi's exacting calculations and standards with a strong emphasis on safety.

Each Ezi slide gate system comprises the following important mechanical modules. The modules consist of the gate main support drive assembly, the gate leaf, the attached bottom rail with cantilevering rollers and the end post. When bolted together, the main drive assembly and cantilevering bottom rollers form the main support and rolling platform for the gate leaf. The gate leaf is then maneuvered onto the two main cantilevering roller sets providing a resistance free sliding system.

The gate system is bolted to a concrete footing or existing driveway providing adequate weight to counter-balance the gate system. The combination of gate design and concrete footing allows the gate to roll out over the relevant road opening, without tipping or sagging, basically traveling in free air.

Up to 8 metre road widths (for a single gate) are standard within our product range.

The Ezi slide gate system needs no road rails, racks or overhead supports.

Each Ezi slide gate is designed with automation features as standard. An industrial three-phase drive motor, Control logic, frequency inverter and position encoder are some of the highly advanced products used in Ezi's product range. Each Ezi system allows for special features and auxiliary equipment to be added, this without major parts redundancy. e.g. traffic light controls, card access readers.

Our main support and rolling platform is well balanced and provides smooth and efficient operations. Our standard cantilevered designs operate at variable speeds. These are adjustable to a maximum of 600mm per second of gate travel.

The Ezi slide gate system is not affected by road crowns, kerbs or falls for drainage in roads. All associated works to install an Ezi slide gate system are performed off to the side of the relevant road, thereby avoiding closures, which can be inconvenient and costly to your business.

The Ezi cantilever sliding gate system has no equal in the industrial market place. Each system will perform reliably, every day.

At Ezi, we believe safety should not be an option.

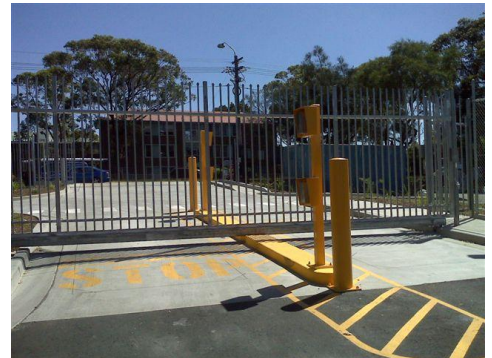
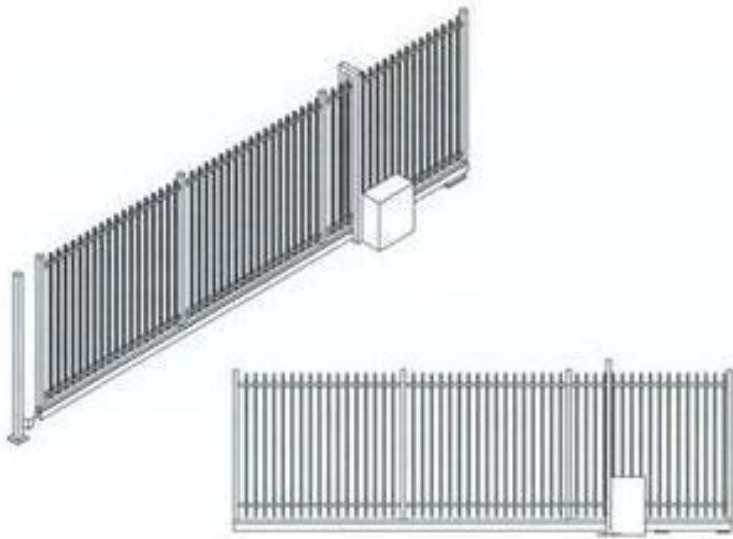
Each Ezi cantilevered sliding gate system has an extensive array of safety devices and features that form part of our standard product offering.

Our wealth of knowledge and experience gained over the years has enabled Ezi to evolve and develop this premium product to suit a variety of ever-changing environments.

The cantilevered gate systems, as developed by Ezi, are purpose-built for the industrial market place. The key consideration is safety of operation without compromise to security. High levels of performance, aesthetically pleasing design and unrivalled reliability are also a feature.

The high performance and advanced technology built into the Ezi slide gate will ensure reliable operation for many years to come. Ezi boasts a large end-user customer base and continues to provide product and service to Australia's leading corporations.

Technical Data for Standard **Light Weight Sliding Gate**



Standard Light Weight Sliding Gate Specifications

Gate width	3 metres to 8 metres (variable)	Gate height	2200mm standard
Gate clearance	100mm nominal	Gate erected height	2350mm nominal
Gate frame	RHS & U channel frames (variable)	Gate end post	75mm RHS
Gate tower	75x75 RHS	Gate tower cladding	Galvanised sheet metal (1.6mm)
Gate back rail	102mm I beam?	Gate finish	wet paint finish
Gate bearings	Fully sealed	Main rollers	Zinc plated, mild steel
Guide rollers	Black PVC nylon	Drive rack	25mm sq zinc plated mild steel
Motor release	Quick release brake system	Motor	0.75kw-0.55kw three phase motor
Gearbox	Worm drive (ratio's variable)	Control enclosure	IP56, mild steel, painted, 600 x 400 x 200
Drive cog	80mm diameter zinc plated steel	Control logic	True logic 24v DC
Drive logic	VSD 240v single phase to 240v three phase	Strobe light	Optional
Power supply	Regulated 240v to 24v DC	Position sensing	Encoder position sensing
Safety (pedestrian)	Photo electric cells, 24v DC, fail safe	Gate duty cycle	True 100% cycling as per Ezi's standard
Safety (vehicle)	Inductive loops & detectors, 24v DC, fail safe	Current draw	4 amp running, 8 amp start up
Power requirement	240v, 15 amp supply		