

Automatic Bollards

POLITE ENTERPRISES CORPORATION

Maximum protection, Minimum risk



www.polite.com.au
1800 Polite (765 483)



Automatic bollards are quickly becoming a more secure alternative to boom gates. Designed and manufactured by Polite Enterprises Corporation (PEC), the automatic retractable bollard provides access control and complete site security unlike boom gates, which can be damaged or easily defeated.

PEC Automatic Bollards are powered by ever reliable pneumatic cylinders. The air supply, electronics and logic controls are safely housed on site in a weatherproof lockable enclosure. A built in fail safe system overrides the unit in the event of a power failure, mechanical and electronic shutdowns or vehicle collisions.

The system is reliable, durable and virtually maintenance free. All in-ground components are galvanised (hot-dipped) to prevent rust and corrosion and bollards can be supplied in either a powder coated, galvanised or stainless steel finish.

The pneumatic bollard has been designed to control access to a site with a high level of security, guaranteeing pedestrian access but blocking the area to road traffic.

KEY FEATURES:

- ▶ Manufactured from stainless steel or galvanised steel (powder coated)
- ▶ Automatic pneumatic control
- ▶ Very high impact strength
- ▶ Height above ground: 900mm
- ▶ LED colour high light and glistening film (optional)
- ▶ Control box can control 1 - 3 bollards
- ▶ Fully assembled power and control units
- ▶ Easy maintenance
- ▶ Fast responding speeds, enabling rapid direction changes

Installation Services

Our fully trained and experienced installation team offers an unsurpassed level of service with minimum disruption to pedestrian or traffic flow.



Polite Enterprises can co-ordinate on site installation 7 days a week, 24 hours a day if necessary.

- ▶ All work guaranteed
- ▶ Minimal maintenance (yearly cleaning)
- ▶ Superior quality at a competitive price
- ▶ Bollards can be custom made to your design and/or unique requirements

Quality Control

Polite Enterprises bollards are manufactured to the highest possible standards. Heavy duty, high strength galvanised steel posts combined with corrosive free aluminium components offer maximum protection over the longest period.

All internal components are zinc plated to prevent corrosion and to ensure total rust prevention. All bollards are electro-statically painted with a UV stabilised polyurethane powder coat.

Product Range

SPECIFICATION	STAINLESS STEEL	GALVANISED
Parameter	DBO-168/220/275P4	DBO-168/220/275P0
Operation mode	Pneumatic	Pneumatic
Material	Stainless Steel.	Steel.
Height	900mm	900mm
Diameter	168/220/275mm	168/220/275mm
Surface treatment	Polished	Powder Coated*
Operate time	3 to 5 secs (adjustable)	3 to 5 secs (adjustable)
Working voltage	AC220V	AC220V
Working noise	< 60db	< 60db
Air hose accessory	10m	10m
Control Box	DBO-CP11: controls 1 bollard DBO-CP12: controls 2 bollards DBO-CP13: controls 3 bollards	
Reflective Tape	5cm	5cm
Reflective Tape Color	Optional	Optional
Led Color	Optional	Optional
Protection level	IP67	IP67
Working current	<1.5A	<1.5A
Working Temperature	-5C to 70C	-5C to 70C



*Powder coat colours available on galvanised bollards:



- ▶ Bollards can be custom made to your design and/or unique requirements.
- ▶ More information is available by requesting a copy of our Polite Enterprises Automatic bollard information manual, which details specifications and installation requirements.

Activation methods

- Ground loops ◀
- Card readers ◀
- Keypads ◀
- Remote controls ◀
- Light sensors ◀
- Automatic timers ◀
- Computer operated software ◀

Formed in 1986, Polite Enterprises Corporation Pty Ltd (PEC) has built an outstanding reputation for product excellence, quality and customer service.

PEC is a market leader in traffic and security bollards, with our products seen around the world, helping our customers meet their everyday traffic and safety requirements

As the first home grown company to design and commercially produce bollards we have rapidly grown into the largest manufacturer of bollards in Australia.

We design and manufacture bollards to suit any application or budget. Using heavy duty, high strength steels our products are manufactured to the highest quality and powder coated to protect against rust, corrosion and UV degradation.

PEC also offer a complete engineering analysis of you site needs to determine the most suitable bollards for your application and a full installation service to ensure you total satisfaction.

Our innovative design team is continually expanding our product offering and regularly consults with architects, engineers and local government authorities to provide functional solutions to our valued clients.

PEC proudly supply's many of Australia's major companies, government utilities, councils, hospitals, universities and airports.



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