



GS AUTOMATIC CO., LIMITED

Add: Flour 4,Building 10,Third industry zone,Nankeng, Buji, Shenzhen, China

Tel: (86)-755-83520669 **Fax:** (86)-755-83528876

Http: www.gsautomatic.com **E-mail:** sales@gsautomatic.com

AUTOMATIC BOLLARD WITH BUILD IN HYDRAULIC PUMP

Model: 220GS-600



General Description

The GS automatic Bollard is an electric-hydraulic-mechanically operated retractable bollard system. The system can be quickly and easily operated. It is suitable for both security and access control applications.

The system is designed to bring desired environmental and aesthetic enhancements to perimeter security, securing perimeter access without providing a sense of social disorder and active alarm measures. The system is designed to withstand impacts and still operate, giving high security levels to all sites. It is ideal for university campuses, pedestrian walkways, parking lots, government buildings, sports stadiums, amusement parks, airports, shopping centers, hospitals, and apartment complexes.

General Features

Hydraulic movement: The most reliable technology for most intense use at all temperatures and weather conditions;



GS AUTOMATIC CO., LIMITED

Add: Flour 4,Building 10,Third industry zone,Nankeng, Buji, Shenzhen, China

Tel: (86)-755-83520669 **Fax:** (86)-755-83528876

Http: [/www.gsautomatic.com](http://www.gsautomatic.com) **E-mail:** sales@gsautomatic.com

Built-in hydraulic pump: This philosophy has many advantages, particularly in installations in locations with severe winter temperatures or when the installation requires a considerable distance (up to 80 meters) between the bollards and the control unit;

Integrated system for the protection of handling: to maximize the reliability of operations due to impact by vehicles on the cylinder that is put in motion;

Wide range of optional configurations: custom colors, flashing lights integrated into the head, 220V solenoid valve (in case of power failure, our automatic bollard is lowered, releasing the gate), heat resistance installations in locations with harsh winter temperatures, UPS unit for operation in the temporary occurrence of power failure, equipment control, equipment accident prevention.

Automatic Bollard Quick Details

Diameter:168mm

Height: 500mm,

Finish:RAL painted or stainless steel

Flashing LED (optional) LED around bollard head

Automatic Bollard Technical Data Sheet

● Cylinder	AISI 304 Stainless Steel(standard)
● Cylinder Diameter	219mm
● Cylinder Height	600mm
● Cylinder Finish (mild Steel)	Polyester Powder Coated
● Cylinder Finish (Stainless Steel)	Brushed
● Rising Speed	10cm/sec
● Lowering Speed	15cm/sec
● Safety Pressure Switch	Yes
● Emergency Lowering	Yes (Automatic Lowering)
● Connection Cable to Control Unit	10M (Max 80M)
● Hydraulic Pump Unit	Built Into Automatic Bollard
● Grade of Protection	IP67
● Life Average	2000–5,000,000/Day
● Impact Resistance	30,000J
● Breakout Resistance	150,000J
● Operating Temperature	-40° C +60° C

Automatic Rising Bollard Functions

- 1.The structure is strong and durable, load bearing large, smooth action, low noise.
2. Logic control, the system operation performance is stable and reliable, easy to integrate.



GS AUTOMATIC CO., LIMITED

Add: Flour 4,Building 10,Third industry zone,Nankeng, Buji, Shenzhen, China

Tel: (86)-755-83520669 **Fax:** (86)-755-83528876

Http: [//www.gsautomatic.com](http://www.gsautomatic.com) **E-mail:** sales@gsautomatic.com

3.Bollard and the park barrier and other equipment for linkage control, can also be combined with other access control equipment to achieve automatic control.

4.In the case of power failure or bollard failure, if the bollard in the rising state, the need to fall, you can manually operate the rising column back to the ground level position, in order to allow the passage of vehicles.

5.Using the world's leading low pressure hydraulic technology, the whole system is high security, reliable and stable.

6.Remote control device: through the wireless remote control, can remote control of the lifting of the column which be around 100 meters around the controller(according to the field of radio communication environment).

7.According to the user's requirements can be added to the following functions:

■ Card access control: the installation of the card reader, can automatically control the bollard.

■ Park barrier and bollard linkage: add park barrier / access control, can realize the park barrier,access control and bollard linkage.

■ Connected with the computer management system or charging system: can connect the management system and the charging system, through the unified control of computer.

Production Flow



◆Value every detail in the process of manufacturing.

◆Strict pre-delivery inspection system ensure products quality